

## Foreword

E09200109677

Thank you for selecting a MITSUBISHI MOTORS product as your new vehicle.

This owner's manual will add to your understanding and full enjoyment of the many fine features of this vehicle.

It contains information prepared to acquaint you with the proper way to operate and maintain your vehicle for the utmost in driving pleasure.

MITSUBISHI MOTORS CORPORATION reserves the right to make changes in design and specifications and/or to make additions to or improvements in this product without obligation to install them on products previously manufactured.

It is an absolute requirement for the driver to strictly observe all laws and regulations concerning vehicles.

This owner's manual has been written in compliance with such laws and regulations, but some of the contents may become contradictory with later amendment of the laws and regulations.

Please leave this owner's manual in this vehicle at time of resale. The next owner will appreciate having access to the information contained in this owner's manual.



Throughout this owner's manual the words **WARNING** and **CAUTION** appear. These serve as reminders to be especially careful. Failure to follow instructions could result in personal injury or damage to your vehicle.

### **WARNING**

**Indicates a strong possibility of severe personal injury or death if instructions are not followed.**

### **CAUTION**

**Means hazards or unsafe practices that could cause minor personal injury or damage to your vehicle.**

You will see another important symbol:

### **NOTE**

**Gives helpful information.**

**\*: Indicates optional equipment.**



It may differ according to the sales classification; refer to the sales catalogue.

Abbreviations used in this owner's manual:

**M/T: Manual Transmission**

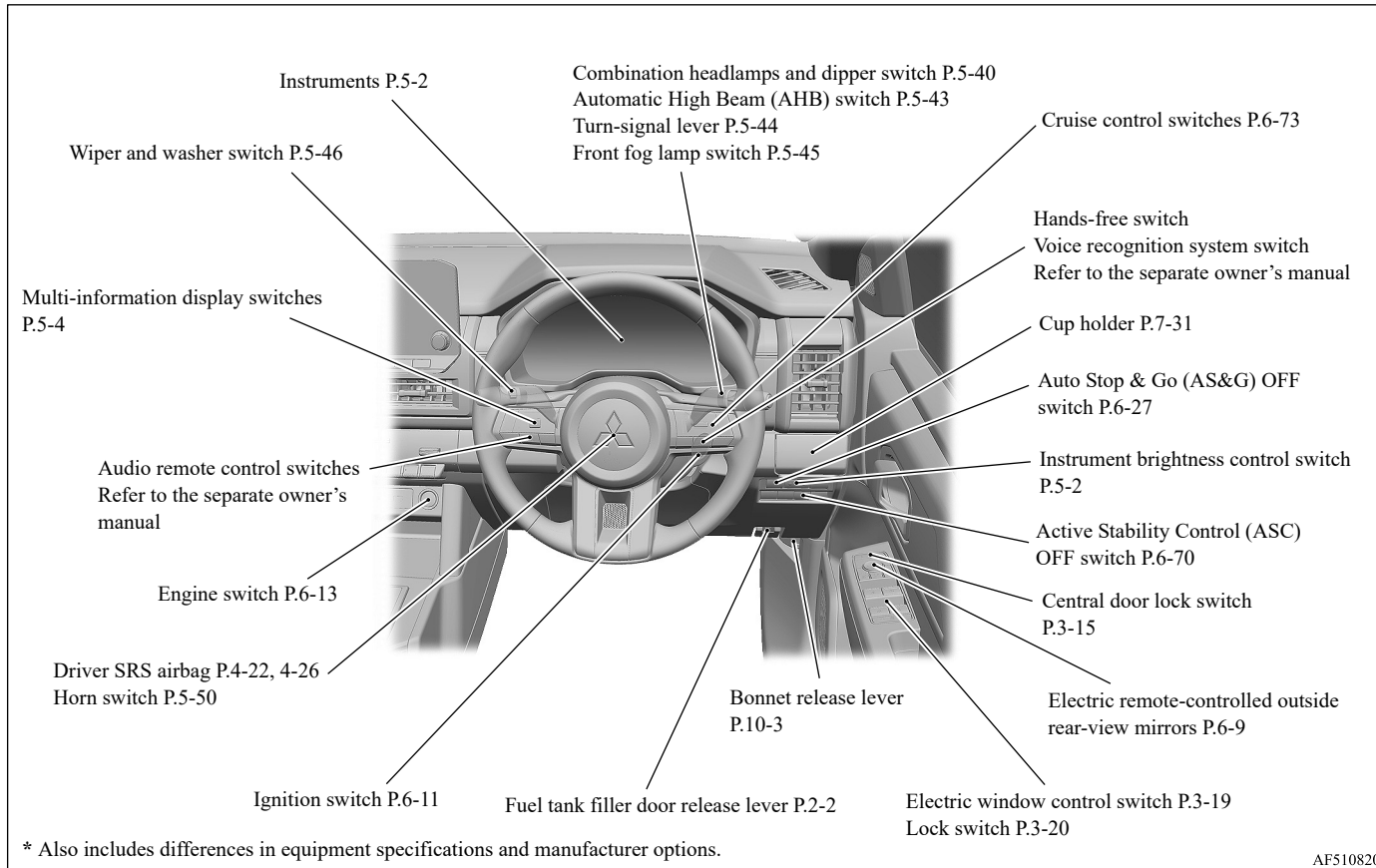
**A/T: Automatic Transmission**

The symbol used on the vehicles:

 or : See owner's manual

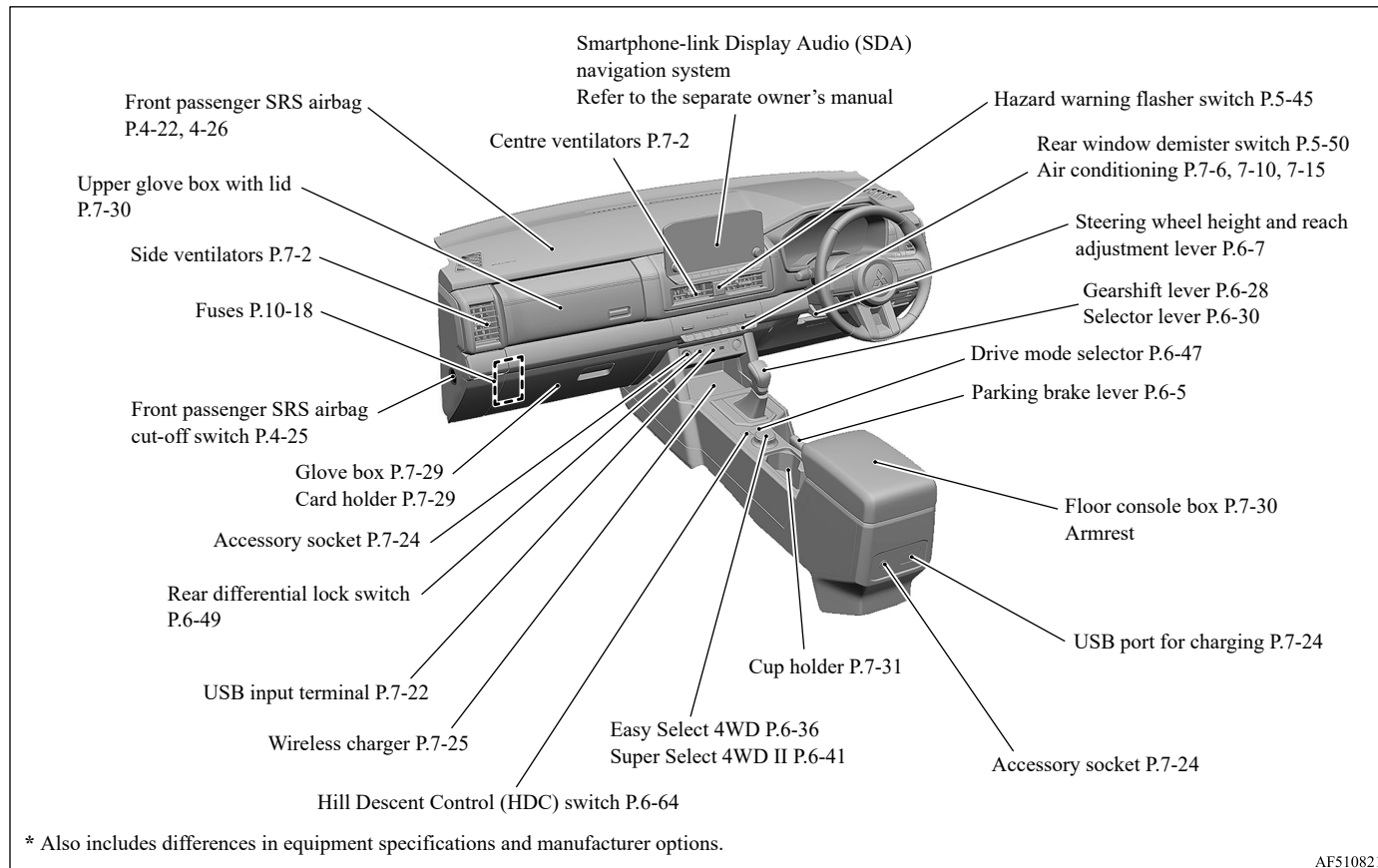
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**Instruments and controls**

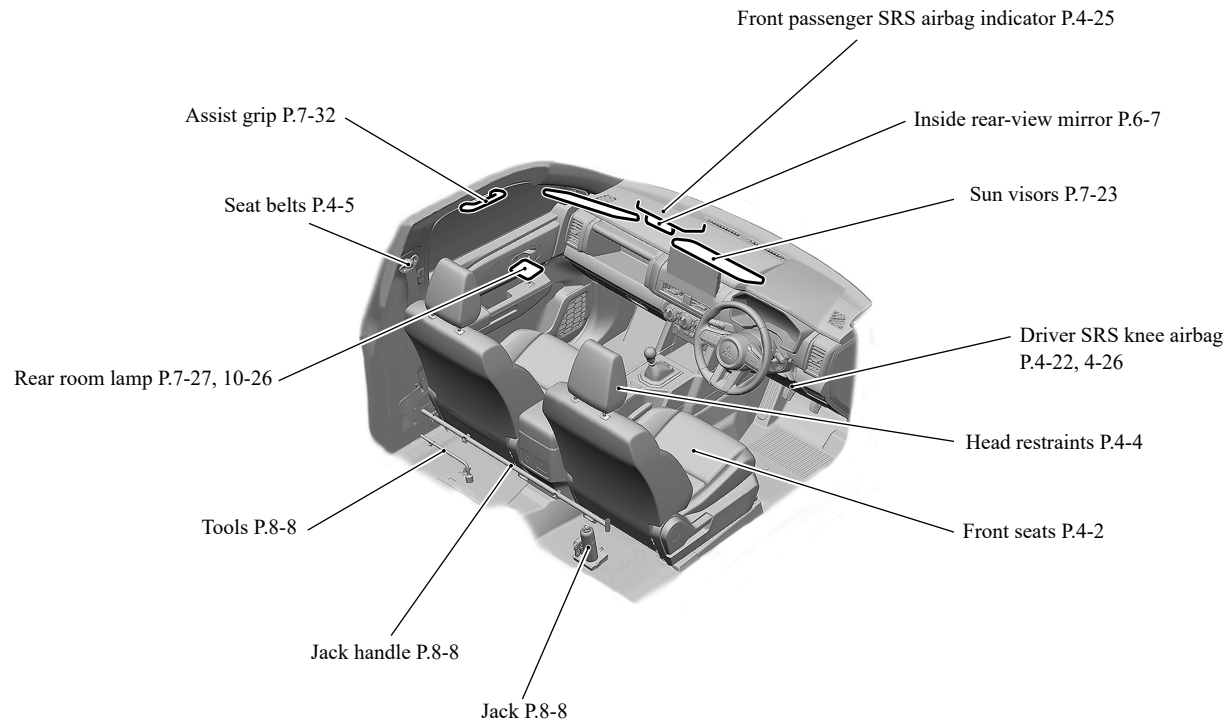
E08500103844



**1 Interior**

E08500203236

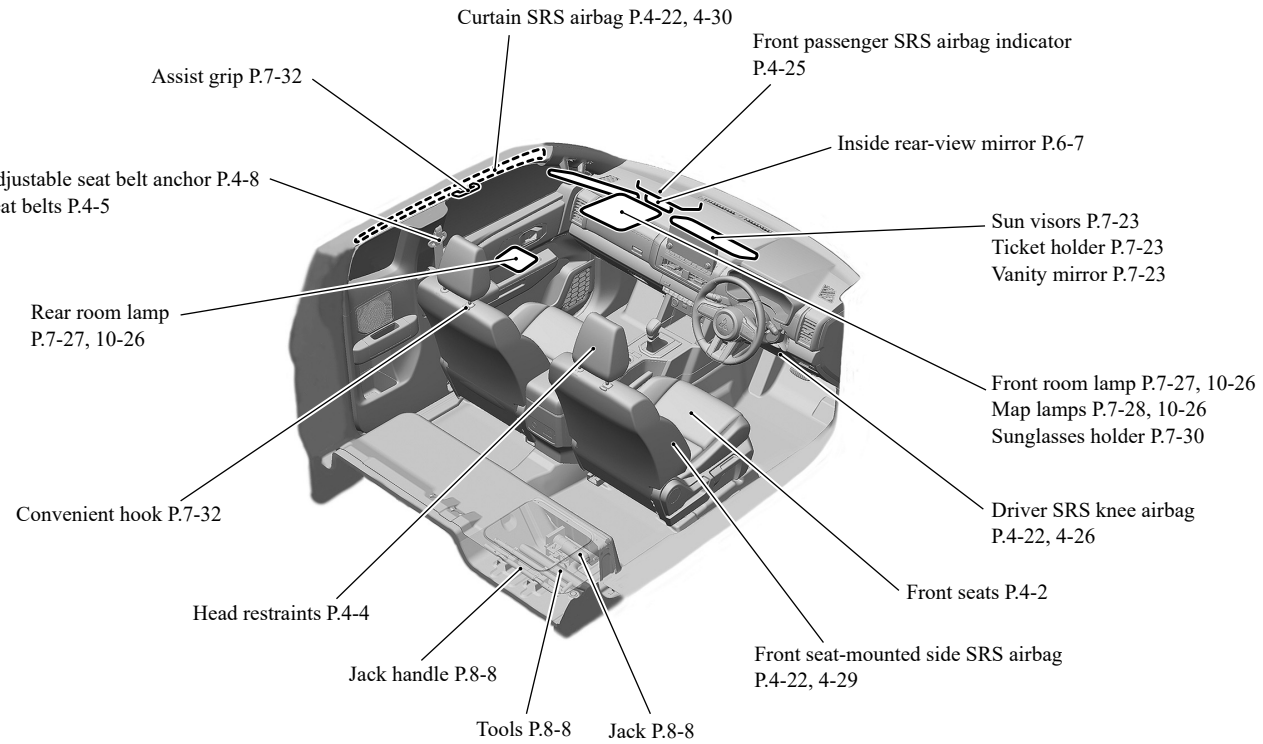
Single cab



\* Also includes differences in equipment specifications and manufacturer options.

AF5108236

Club cab



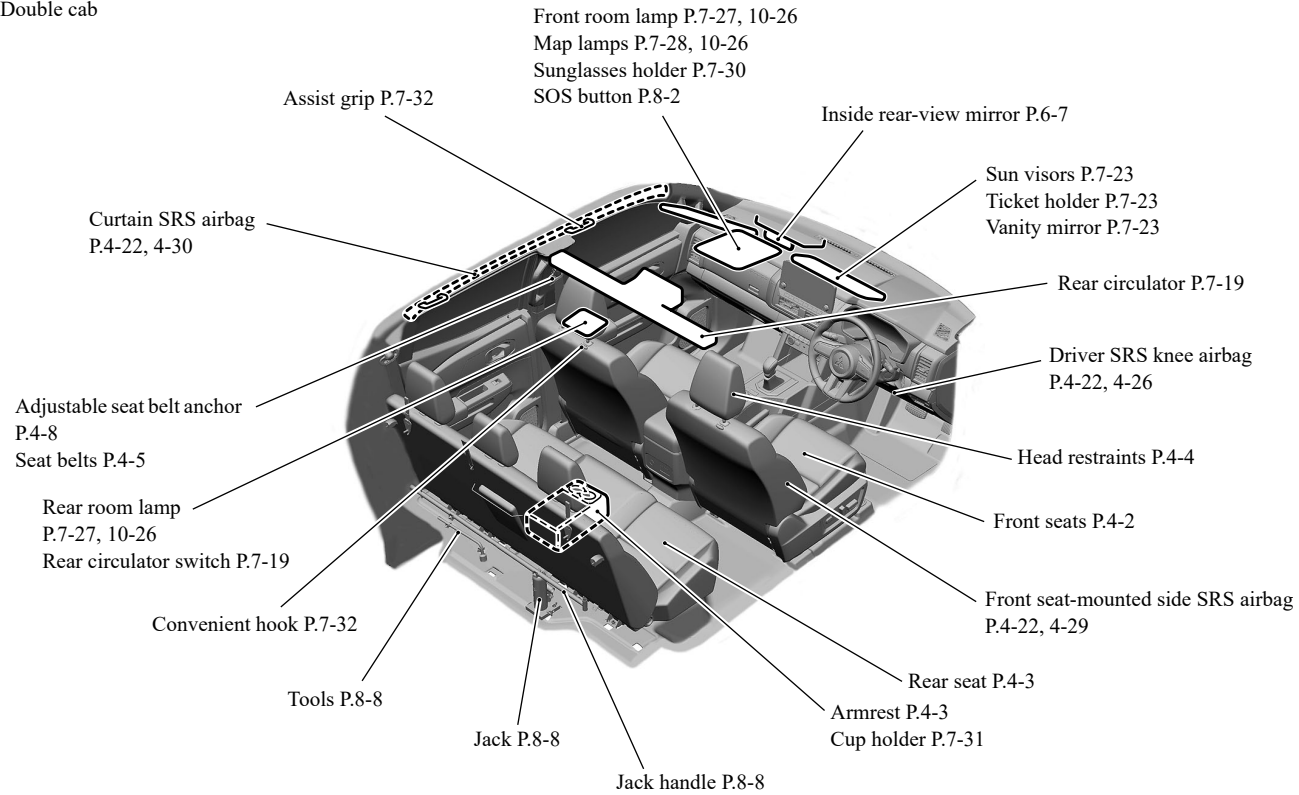
\* Also includes differences in equipment specifications and manufacturer options.

AF5108249

## Interior

1

Double cab



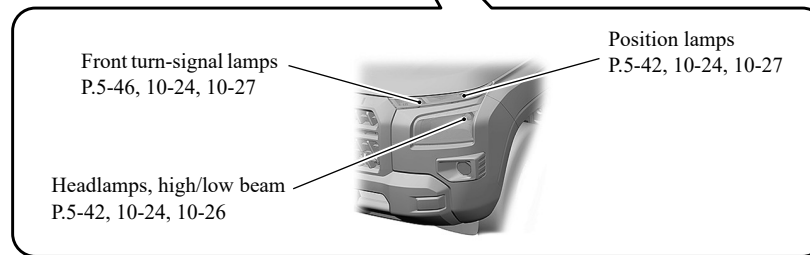
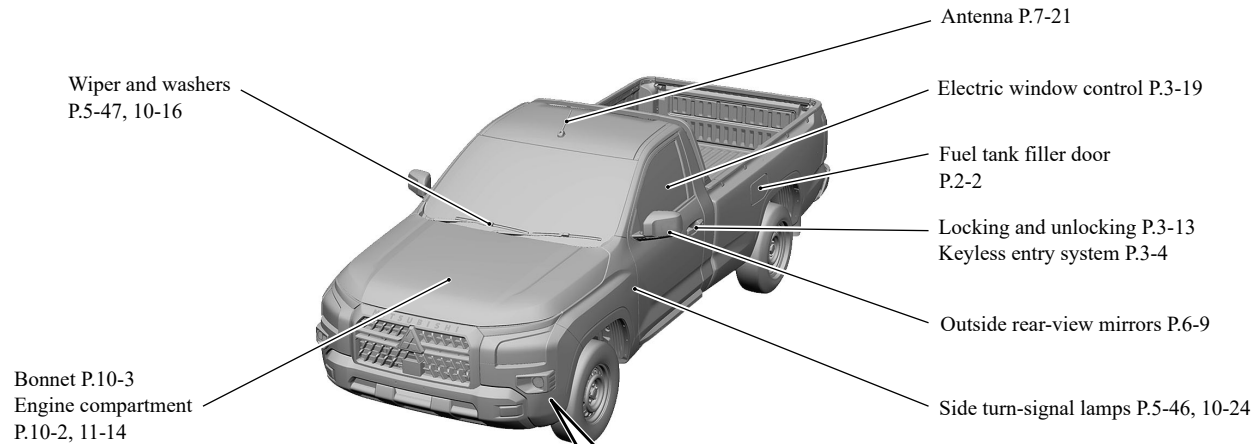
\* Also includes differences in equipment specifications and manufacturer options.

AF5108252

Exterior - front

E08500405157

Single cab



\* Also includes differences in equipment specifications and manufacturer options.

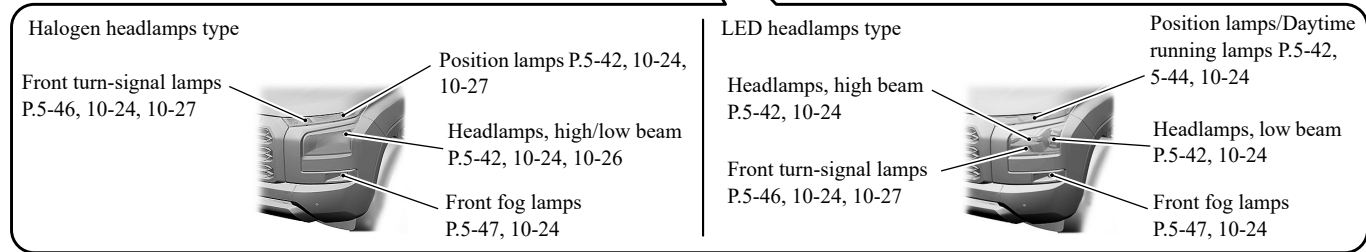
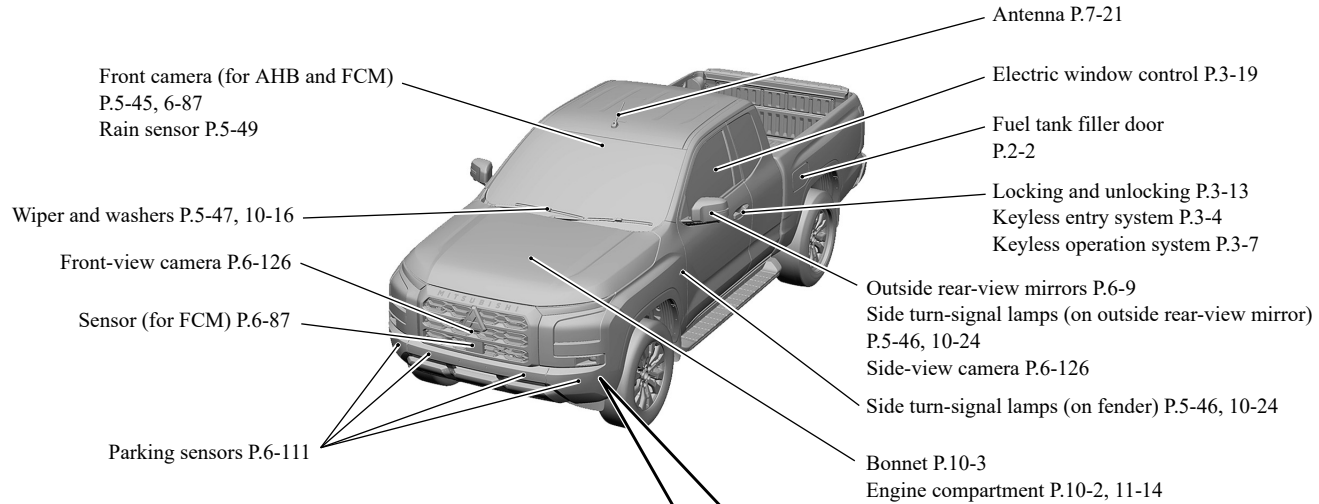
AF5108265



Exterior - front

1

Club cab



\* Also includes differences in equipment specifications and manufacturer options.

AF5108278

Double cab

Front camera (for AHB, ACC, FCM and EAPM)  
P.5-45, 6-73, 6-87, 6-93  
Rain sensor P.5-49

Wiper and washers P.5-47, 10-16

Front-view camera P.6-126

Sensor (for ACC and FCM)  
P.6-73, 6-87

Sensors (for EAPM) P.6-93  
Parking sensors P.6-111

Antenna P.7-21

Electric window control P.3-19

Fuel tank filler door  
P.2-2

Locking and unlocking P.3-13  
Keyless entry system P.3-4  
Keyless operation system P.3-7

Outside rear-view mirrors P.6-9  
Side turn-signal lamps P.5-46, 10-24  
Side-view camera P.6-126

Bonnet P.10-3  
Engine compartment P.10-2, 11-14

Halogen headlamps type

Front turn-signal lamps  
P.5-46, 10-24, 10-27

Position lamps  
P.5-42, 10-24, 10-27

Headlamps, high/low beam  
P.5-42, 10-24, 10-26

Front fog lamps  
P.5-47, 10-24

LED headlamps type

Headlamps, high beam  
P.5-42, 10-24

Front turn-signal lamps  
P.5-46, 10-24, 10-27

Position lamps/Daytime  
running lamps P.5-42,  
5-44, 10-24

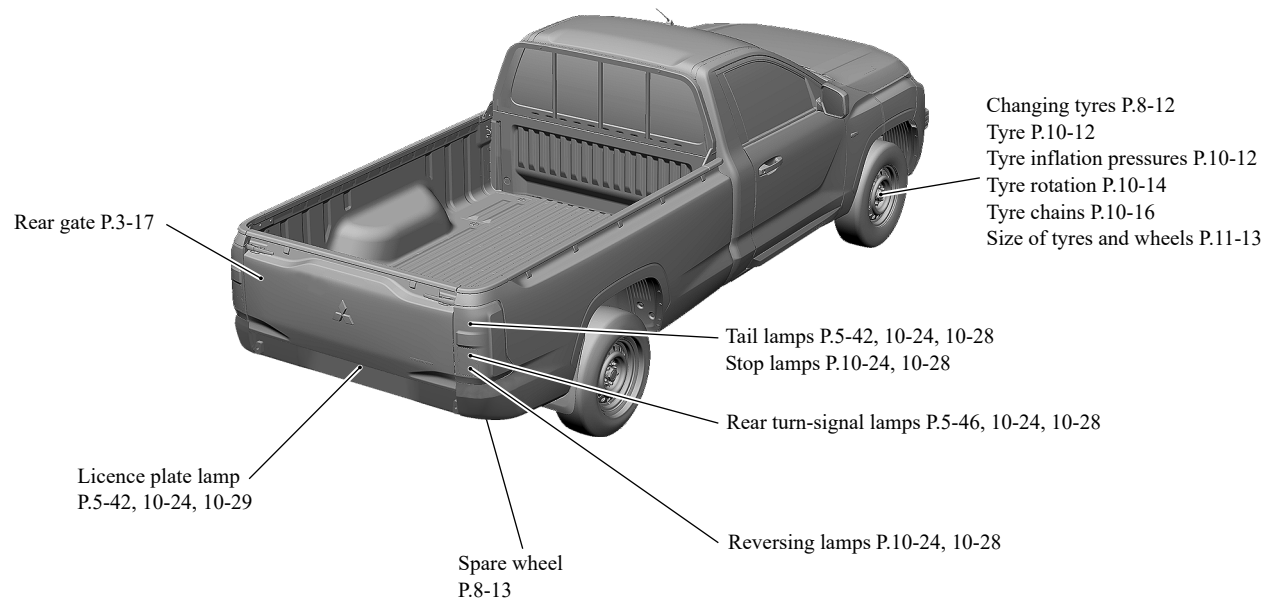
Headlamps, low beam  
P.5-42, 10-24

Front fog lamps  
P.5-47, 10-24

\* Also includes differences in equipment specifications and manufacturer options.

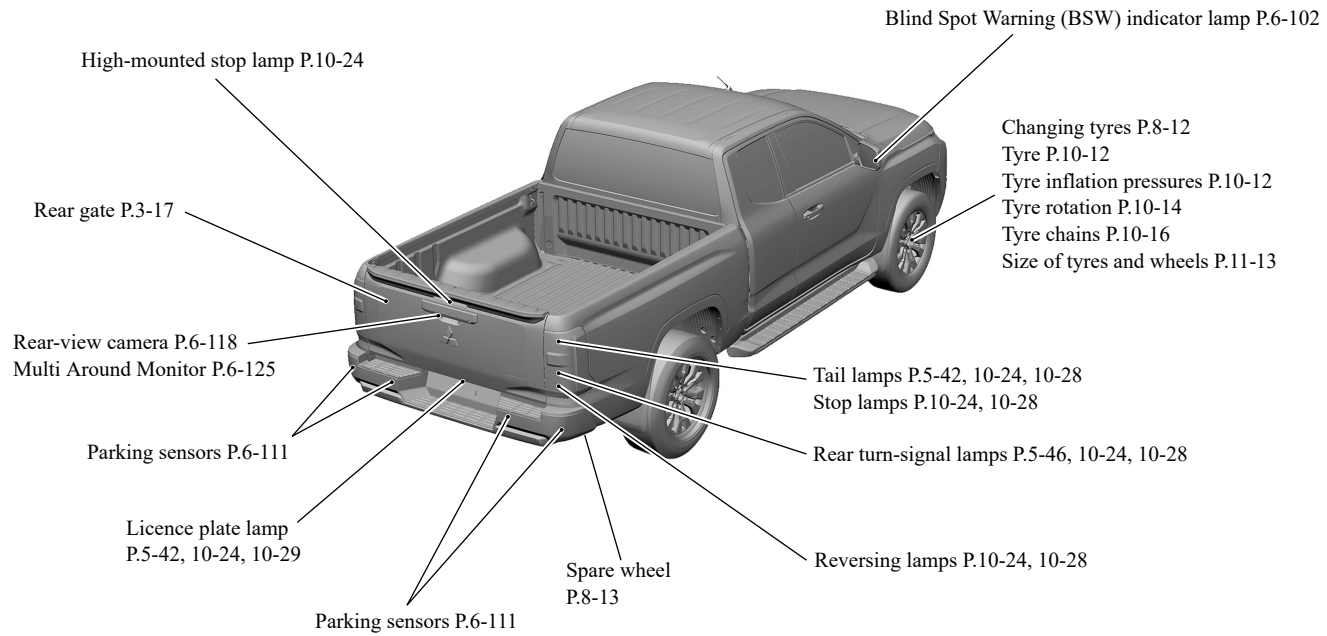
AF5108281

Single cab



\* Also includes differences in equipment specifications and manufacturer options.

Club cab



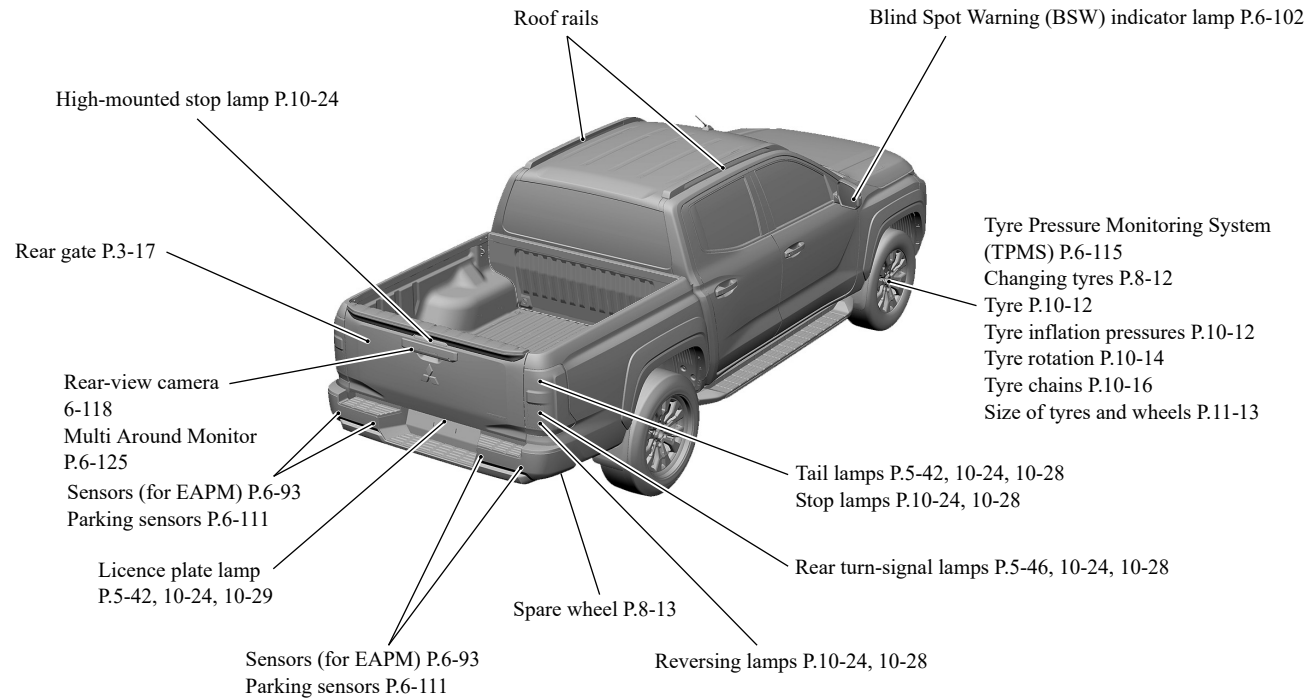
\* Also includes differences in equipment specifications and manufacturer options.

AF5108308

Exterior - rear

1

Double cab



\* Also includes differences in equipment specifications and manufacturer options.

AF5111025

## Quick guide

E08500500010

### Lock and unlock the doors

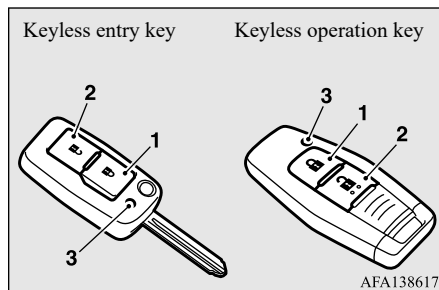
E08500602565

#### Keyless entry system

Press the key switch, and all doors will be locked or unlocked as desired.

It is also possible to operate the outside rear-view mirrors. (Vehicles equipped with the mirror retractor switch)

The key switch will operate within approximately 4 m from the vehicle.



- 1- LOCK switch
- 2- UNLOCK switch
- 3- Indicator lamp

Refer to “Keyless entry system” on page 3-4.

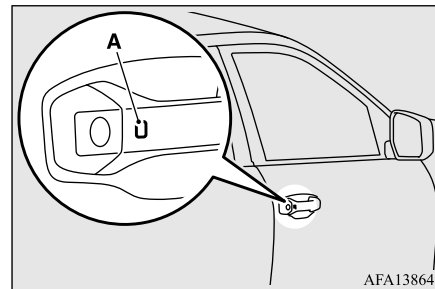
For vehicles equipped with the mirror retractor switch, the outside rear-view mirrors can be retracted and extended automatically if you press the LOCK switch (1) or UNLOCK switch (2).

Refer to “Operation of the outside rear-view mirrors” on page 3-5.

#### Keyless operation system\*

When you are carrying the keyless operation key and within the operating range, if you press the driver’s or front passenger’s door switch (A), the doors are locked/unlocked.

The operating range is approximately 70 cm from the driver’s or front passenger’s door lock/unlock switch.

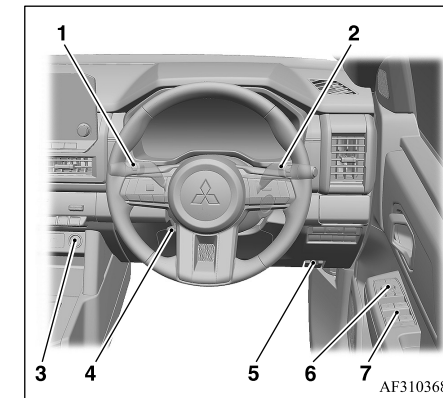


Refer to “Keyless operation system” on page 3-7.

1

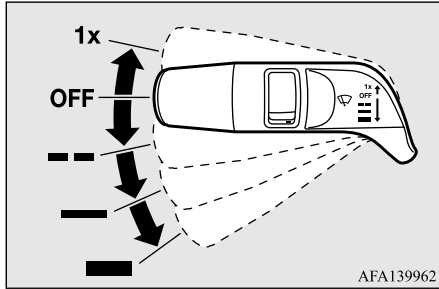
### Around the driver’s seat

E08500802857



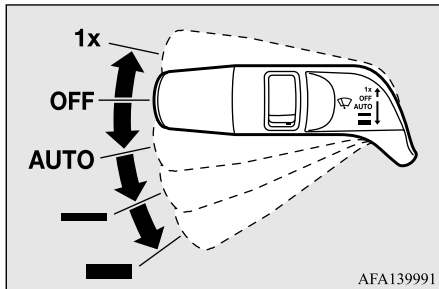
# 1 1-Wiper and washer switch

Except for vehicles equipped with rain sensor



AFA139962

Vehicles equipped with rain sensor



AFA139991

- 1x- Misting function  
The wipers will operate once.
- OFF- Off
- \*— Intermittent (Speed sensitive)

- AUTO\*- Auto-wiper control  
Rain sensor  
The wipers will automatically operate depending on the degree of wetness on the windscreen.
- Slow
- Fast

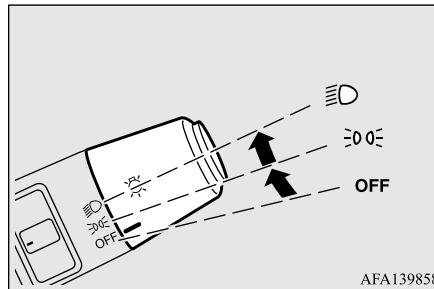
The washer fluid will be sprayed onto the windscreen by pulling the lever towards you.

Refer to “Wiper and washer switch” on page 5-46.

## 2-Combination headlamps

Rotate the switch to turn on the lamps.

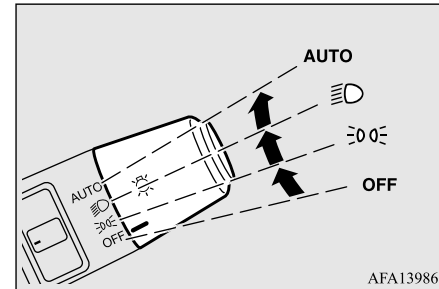
Except for vehicles equipped with the automatic lamp control



AFA139858



OFF	All lamps off {except for daytime running lamps (if so equipped)}
☞☞☞	Position, tail, licence plate and instrument panel lamps on
☞☞	Headlamps and other lamps go on

Vehicles equipped with the automatic lamp control



AFA139861

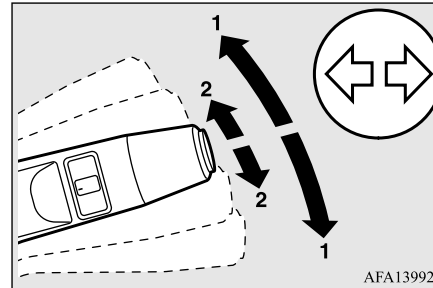
OFF	All lamps off (except for daytime running lamps)
-----	--

AUTO	When the operation mode is in ON, headlamps, position, tail, licence plate and instrument panel lamps turn on and off automatically in accordance with outside light level. (Daytime running lamps will go on while the tail lamps are off.) All lamps turn off automatically when the operation mode is put in OFF.
	Position, tail, licence plate and instrument panel lamps on
	Headlamps and other lamps go on

Refer to “Combination headlamps and dipper switch” on page 5-40.

### 2-Turn-signal lever

The turn-signal lamps flash when the lever is operated.

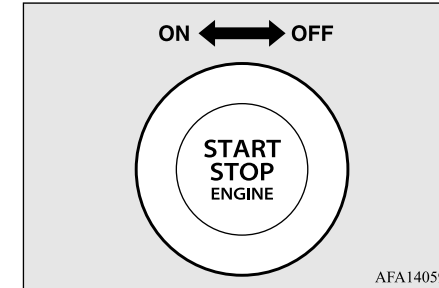


- 1- Turn-signals
- 2- Lane-change signals

Refer to “Turn-signal lever” on page 5-44.

### 3-Engine switch\*

If you are carrying the keyless operation key, you can start the engine. If you press the engine switch without depressing the pedals you can change the operation mode in the order of OFF, ON, OFF.



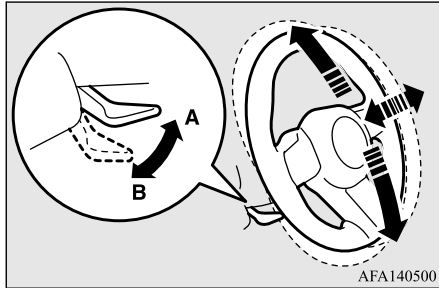
Refer to “Engine switch” on page 6-13.

### 4-Steering wheel height and reach adjustment

1. Release the lever while holding the steering wheel up.
2. Adjust the steering wheel to the desired position.
3. Securely lock the steering wheel by pulling the lever fully upward.



1

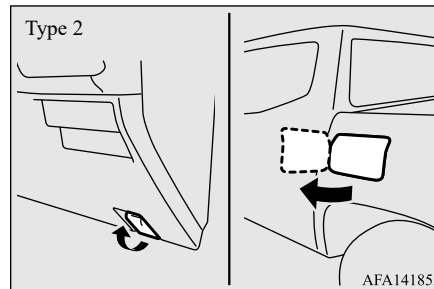
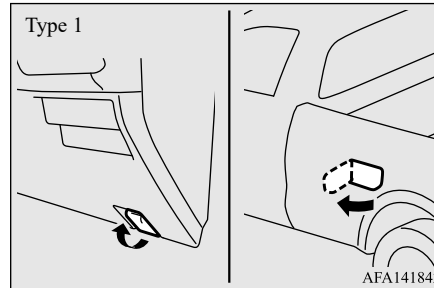


A- Locked  
B- Release

Refer to “Steering wheel height and reach adjustment” on page 6-7.

### 5-Fuel tank filler door release lever\*

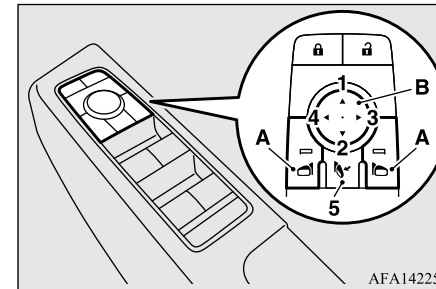
Open the fuel tank filler door.  
The fuel tank filler is located on the rear left side of your vehicle.



Refer to “Filling the fuel tank” on page 2-2.

### 6-Electric remote-controlled outside rear-view mirrors

To adjust the mirror position

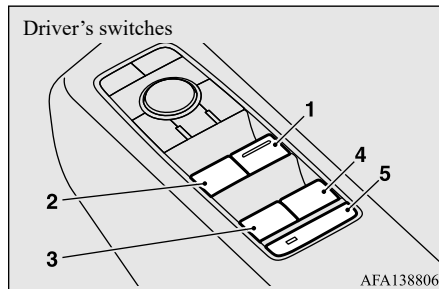


A- Left/Right switching switch  
B- Angle adjustment switch  
1- Up  
2- Down  
3- Right  
4- Left  
5- Mirror retractor switch\*

Refer to “Outside rear-view mirrors” on page 6-9.

## 7-Electric window control

Press the switch down for opening the window, and pull the switch for closing.



- 1- Driver's door window
- 2- Front passenger's door window
- 3- Rear left door window (Double cab)
- 4- Rear right door window (Double cab)
- 5- Lock switch

### Lock switch

If you press the switch (5), the passenger's switches cannot be operated. To cancel, press it once again.

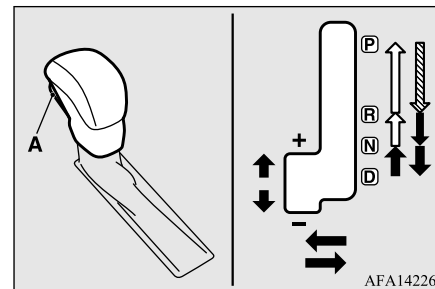
Refer to "Electric window control" on page 3-19.

## Automatic transmission Sports Mode 6A/T\*

E08501001820

### Selector lever operation

The transmission selects an optimum gear automatically, depending on the speed of the vehicle and the position of the accelerator pedal.



A- Lock button

⬇	The lock button must be pressed while the brake pedal is depressed to move the selector lever.
⬇	The lock button must be pressed to move the selector lever.

⬇	The lock button need not be pressed to move the selector lever.
---	---

1

### Selector lever positions

#### "P" PARK

This position locks the transmission to prevent the vehicle from moving. The engine can be started in this position.

#### "R" REVERSE

This position is to back up.

#### "N" NEUTRAL

At this position the transmission is disengaged.

#### "D" DRIVE

This position is for normal driving.

Refer to "Automatic transmission Sports Mode 6A/T" on page 6-30.

**1 4-wheel drive operation\***

E08502000237

Driving mode	Road conditions				
	Dry paved road and highway	Snow covered road	Gravel road	Deep snow and muddy roads	Sandy and rocky roads
Easy Select 4WD (→ P.6-36)	2H	4H		4H or 4L	
Super Select 4WD II (→ P.6-41)	2H or 4H	4H		4HLc or 4LLc	
Rear differential lock (→ P.6-49)	–	–	–	Active	

**⚠ CAUTION**

- When driving on the off-road, confirm the conditions of the road surface and the landscape, and drive after confirming that the components of the suspension and the bottom of the front and rear bumper do not contact with the road surface. (Refer to “Vehicle dimensions” on page 11-3.)

## Multi-information display

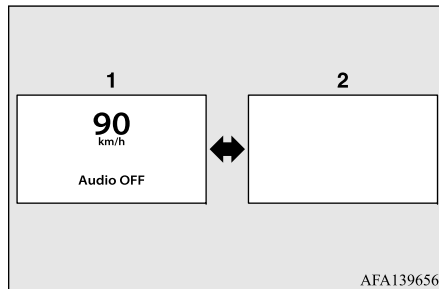
E08501202063

Always stop the vehicle in a safe place before operating.

The following information is included on the multi-information display: odometer, tripmeter, average fuel consumption etc.

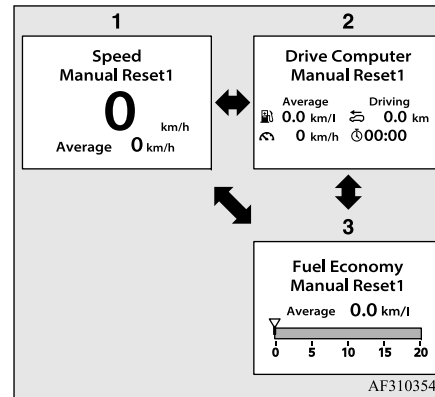
### Type 1

#### ■ Home display



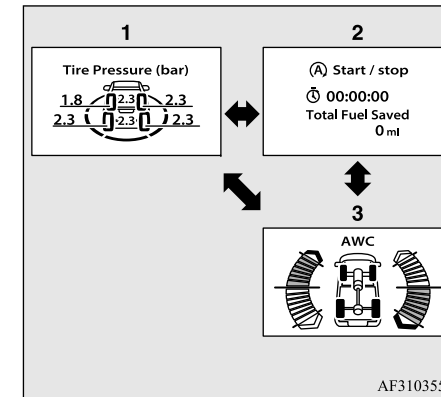
- 1- Speedometer
- 2- No display

#### ■ Drive information display



- 1- Speed and average speed → P.5-15
- 2- Drive computer → P.5-15
- 3- Fuel economy display → P.5-15

#### ■ Vehicle information display

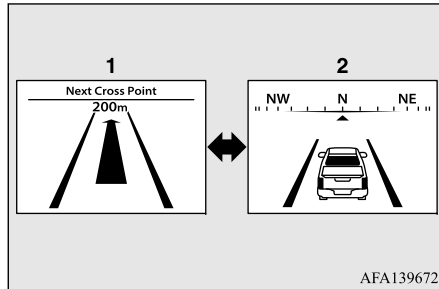


- 1- Tyre pressure\* → P. 5-16
- 2- Auto Stop & Go (AS&G) monitor → P.5-8
- 3- 2WD/4WD operation display\* → P. 6-44
- Rear differential lock indicator display\* → P.6-50
- AWC operation display → P. 5-16

## Quick guide

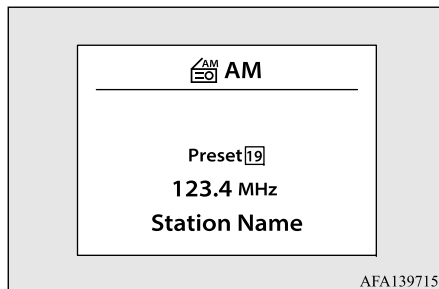
1

### ■ Compass or navigation display\*



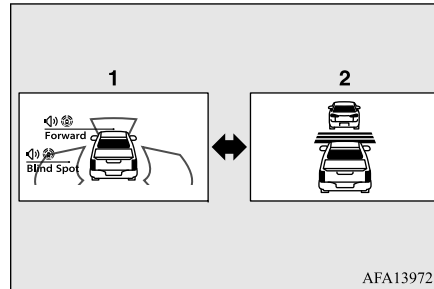
- 1- Navigation turn-by-turn distance, distance to the destination and time, next intersection name
- 2- Navigation direction (compass)

### ■ Audio display\*



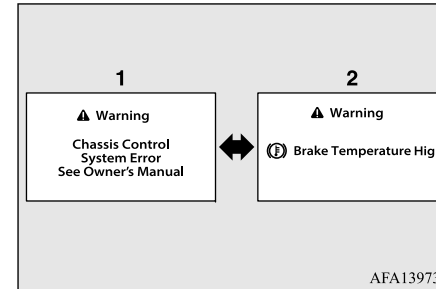
Audio source information, channel/radio station name, song title/artist name, etc.

### ■ Driver assistance display



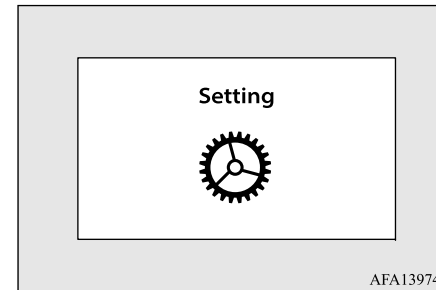
- 1- Driver assistance  
Forward Collision Mitigation system (FCM) display\* → P.6-87  
Blind Spot Warning (BSW) display\* → P.6-93
- 2- Adaptive Cruise Control System (ACC) display\* → P.6-73

### ■ Warning display



- 1- When a warning occurs
- 2- When another warning occurs

### ■ Setting display



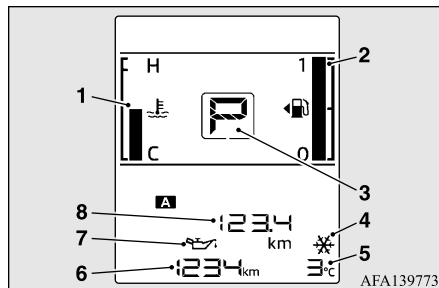
The following functions can be set.

- ASC Setting → P.5-9
- Driver Assistance → P.5-9

- ECO Mode Setting → P.5-10
- TPMS Setting\* → P.5-10
- Clock → P.5-11
- Vehicle Settings → P.5-11
- Maintenance → P.5-13
- Customise Display → P.5-13
- Unit/Language → P.5-14
- Key- Linked Settings\* → P.5-14
- Factory Reset → P.5-14

Refer to “Multi-information display - Type 1” on page 5-3.

## Type 2



- 1- Engine coolant temperature display → P.5-20
- 2- Fuel remaining display → P.5-20
- 3- Selector lever position display\* → P.6-31
- 4- Frozen road warning → P.5-19

- 5- Outside air temperature display → P.5-19
- 6- Odometer → P.5-18
- 7- Oil control system indicator → P.6-20
- 8- Information display → P.5-17

Refer to “Multi-information display - Type 2” on page 5-16.



## *General information*

Fuel selection .....	2-2
Filling the fuel tank .....	2-2
Entering or leaving the vehicle* .....	2-4
Installation of accessories .....	2-4
Modification/alterations to the electrical or fuel systems .....	2-5
Genuine parts .....	2-5
Safety and disposal information for used engine oil .....	2-6
Event Data Recording .....	2-6



## Fuel selection

2

### Fuel selection

E00200105139

Recommended fuel	Cetane number (EN590) 51 or higher
------------------	---------------------------------------

#### CAUTION

- Your vehicles are designed to use only diesel fuel that meets the EN 590 standard. Use of any other type of diesel fuel would adversely affect the engine's performance and durability.

#### NOTE

- When using B20 fuel under conditions which temperature is below 16 °C, consult an authorised MITSUBISHI MOTORS dealer.
- Poor-quality diesel fuel can cause deposits to form in the injector, resulting in black smoke and rough idling. If these problems occur, you are advised to add a cleaning additive to the diesel fuel when you refuel the vehicle. The additive will break up and remove the deposits, thereby returning the engine to a normal condition. Be sure to use a MITSUBISHI MOTORS GENUINE DIESEL FUEL SYSTEM CLEANER. Using an unsuitable additive could make the engine malfunction. For detailed, please contact the nearest authorised MITSUBISHI MOTORS dealer.

### Filling the fuel tank

E00200205026

#### WARNING

- When handling fuel, comply with the safety regulations displayed by garages and filling stations.
- Fuel is highly flammable and explosive. You could be burned or seriously injured when handling it. When refueling your vehicle, always turn the engine off and keep away from flames, sparks, and smoking materials. Always handle fuel in well-ventilated outdoor areas.
- Before removing the fuel cap, be sure to get rid of your body's static electricity by touching a metal part of the vehicle or fuel pump. Any static electricity on your body could create a spark that ignites fuel vapor.
- Perform the whole refueling process (opening the fuel tank filler door, removing the fuel cap, etc.) by yourself. Do not let any other person come near the fuel tank filler. If you allowed a person to help you and that person was carrying static electricity, fuel vapor could be ignited.
- Do not move away from the fuel tank filler until refueling is finished. If you moved away and did something else (for example, sitting on a seat) part-way through the refueling process, you could pick up a fresh charge of static electricity.

#### WARNING

- Be careful not to inhale fuel vapor. Fuel contains toxic substances.
- Keep the doors and windows closed while refueling the vehicle. If they were open, fuel vapor could get into the cabin.
- If the fuel cap must be replaced, use only a MITSUBISHI MOTORS genuine part.

### Fuel tank capacity

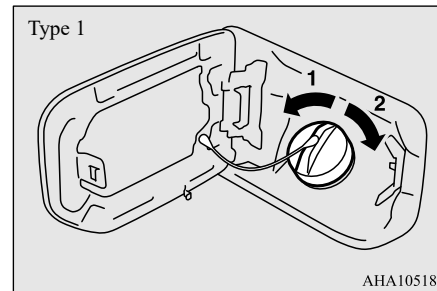
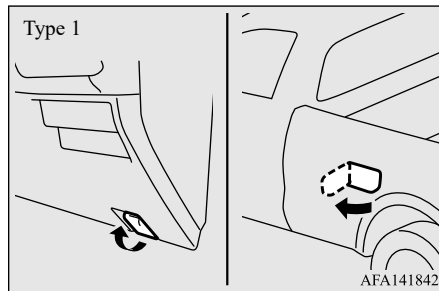
75 litres

### Refueling

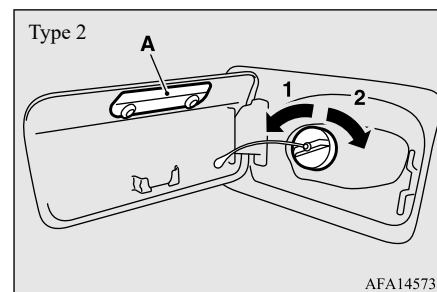
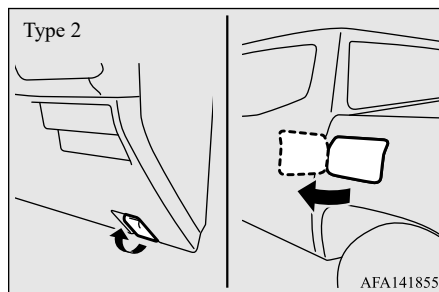
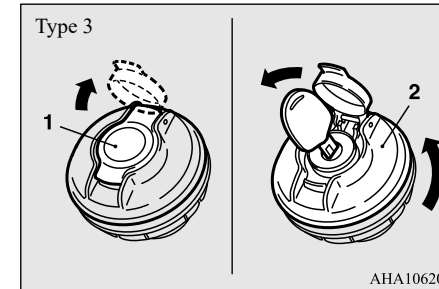
1. Before filling with fuel, stop the engine.
2. The fuel tank filler is located on the rear left side of your vehicle. (Only vehicles for Type 1, 2)  
Open the fuel tank filler door with the release lever located below the instrument panel.

## Filling the fuel tank

**2**



Open the cover (1). Insert the key in the fuel cap (2) and unlock it.  
Turn the fuel cap and remove it.



- 1- Remove
- 2- Close

### **CAUTION**

- Since the fuel system may be under pressure, remove the fuel cap slowly. This relieves any pressure or vacuum that might have built up in the fuel tank. If you hear a hissing sound, wait until it stops before removing the fuel cap. Otherwise, fuel may spray out, injuring you or others.

### **CAUTION**

- The filler door is fitted with a protector (A) to prevent water exposure. Do not remove the protector (A) as there is a risk of damage to the vehicle due to water exposure.

3. [Vehicles for Type 1, 2]  
Open the fuel tank filler tube by slowly turning the fuel cap anticlockwise.

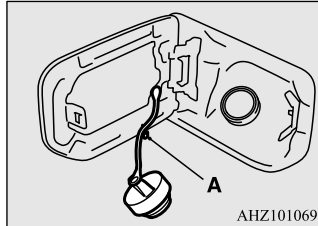
[Vehicles for Type 3]

## Entering or leaving the vehicle\*

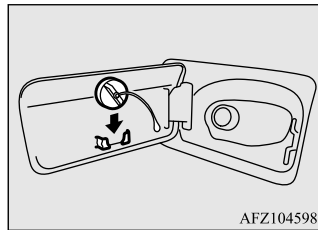
2

### NOTE

- [Vehicles for Type 1]  
While filling with fuel, hang the fuel cap on the hook (A) located on the inside of the fuel tank filler door.



- [Vehicles for Type 2]  
While filling with fuel, store the fuel cap in the cap holder located on the inside of the fuel tank filler door.



4. Insert the gun in the tank port as far as it goes.

### CAUTION

- Do not tilt the gun.

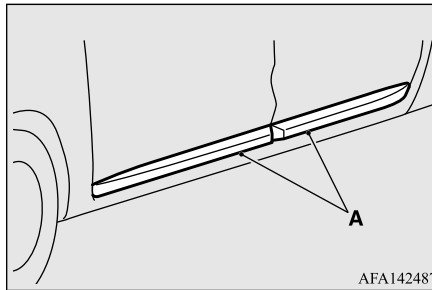
5. When the gun stops automatically, do not fill with fuel any more.

6. [Vehicles for Type 1, 2]  
To close, turn the fuel cap slowly clockwise until you hear clicking sounds, then gently push the fuel tank filler door closed.

- [Vehicles for Type 3]  
To close, turn the fuel cap slowly clockwise until you hear clicking sounds, then turn the key clockwise to lock the fuel cap.

## Entering or leaving the vehicle\*

E00205800110



### CAUTION

- In order to prevent slipping and falling, which may damage the door guard (A), do not step on the door guard (A).

## Installation of accessories

E00200303179

Before fitting any accessories, please consult your authorised MITSUBISHI MOTORS dealer.

### CAUTION

- Your vehicle is equipped with a diagnosis connector for checking and servicing the electronic control system.  
Do not connect a device other than a diagnosis tool for inspections and service to this connector. Otherwise, the battery could be discharged, the electronic devices of the vehicle could malfunction, or other unexpected problems could result.  
In addition, malfunctions caused by connecting a device other than a diagnosis tool may not be covered under warranty.

- The installation of accessories, optional parts, etc., should only be carried out within the limits prescribed by law in your country, and in accordance with the guidelines and warnings contained within the documents accompanying this vehicle.

Only MITSUBISHI MOTORS approved accessories should be fitted to your vehicle.

- Improper installation of electrical parts could cause fire, please refer to “Modification/alteration to the electrical or fuel systems” section within this owner’s manual.
- Using a cellular phone or radio set inside the vehicle without an external antenna may cause electrical system interference, which could lead to unsafe vehicle operation.
- Tyres and wheels which do not meet specifications must not be used. Refer to the “Specifications” section for information regarding wheel and tyre sizes.
- Do not fail to read the accessories manuals prior to the installation of accessories, parts or other modifications to the vehicle!

### Important points!

Due to a large number of accessories and replacement parts of different manufacturers available in the market, it is not possible, not only for MITSUBISHI MOTORS, but also an authorised MITSUBISHI MOTORS dealer, to check whether the attachment or installa-

tion of such parts affects the overall safety of your vehicle.

Even when such parts are officially authorised, for example by a “general operators permit” (an appraisal for the part) or through the execution of the part in an officially approved manner of construction, or when a single operation permit following the attachment or installation of such parts, it cannot be deduced from that alone, that the driving safety of your vehicles has not been affected.

Consider also that there basically exists no liability on the part of the appraiser or the official. Maximum safety can only be ensured with parts recommended, sold and fitted or installed by an authorised MITSUBISHI MOTORS dealer (MITSUBISHI MOTORS GENUINE replacement parts and MITSUBISHI MOTORS accessories). The same also pertains to modifications of vehicles with respect to the production specifications. For safety reasons, do not attempt any modifications other than those that follow the recommendations of an authorised MITSUBISHI MOTORS dealer.

## Modification/alterations to the electrical or fuel systems

E00200401495

2

MITSUBISHI MOTORS has always manufactured safe, high quality vehicles. In order to maintain this safety and quality, it is important that any accessory that is to be fitted, or any modifications carried out which involve the electrical or fuel systems, should be carried out in accordance with MITSUBISHI MOTORS guidelines.

### CAUTION

- Please consult an authorised MITSUBISHI MOTORS dealer concerning any such fitment or modification. If the wires interfere with the vehicle body or improper installation methods are used (protective fuses not included, etc.), electronic devices may be adversely affected, resulting in a fire or other accident.

## Genuine parts

E00200502392

Don’t play around with substitutes. MITSUBISHI MOTORS has gone to great lengths to bring you a superbly crafted vehicle offering the highest quality and dependability. Don’t reduce that quality and dependability by using substitute parts.

## Safety and disposal information for used engine oil

2

Always use MITSUBISHI MOTORS Genuine Parts designed and manufactured to maintain your vehicle at top performance. The operation of vehicle components can be less efficient in case of using Non-Genuine Parts. Failure to use Genuine Parts may invalidate any future warranty claim. MITSUBISHI MOTORS will not be liable for any malfunction of your vehicle that may have been caused by the use of substitute parts in place of MITSUBISHI MOTORS Genuine Parts. At the MITSUBISHI MOTORS dealer you can also get appropriate advice and the assembling of Genuine Parts will be handled professionally. MITSUBISHI MOTORS Genuine Parts are indicated as GENUINE PARTS, and are available at all authorised MITSUBISHI MOTORS dealers.

### Safety and disposal information for used engine oil

E00200601442

#### WARNING

- Prolonged and repeated contact may cause serious skin disorders, including dermatitis and cancer.
- Avoid contact with the skin as far as possible and wash thoroughly after any contact.

#### WARNING

- Keep used engine oils out of reach of children.

### Event Data Recording

E00205900212

This vehicle is equipped with an event data recorder (EDR).

The main purpose of an EDR is to record, in certain crash or near crash-like situations, such as an airbag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less.

The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating;
- How far (if at all) the driver was depressing the accelerator and/or brake pedal; and,
- How fast the vehicle was travelling.

These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

#### NOTE

- EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g., name, gender, age, and crash location) are recorded. However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties, such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

## *Locking and unlocking*

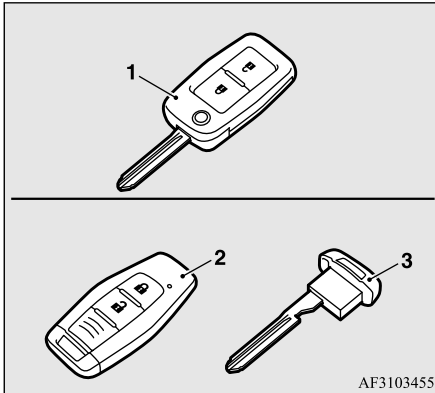
Keys .....	3-2
Electronic immobilizer (Anti-theft starting system) .....	3-3
Keyless entry system .....	3-4
Keyless operation system* .....	3-7
Doors .....	3-13
Central door locks .....	3-15
“Child-protection” rear doors (Double cab) .....	3-17
Rear gate .....	3-17
Electric window control .....	3-19

## Keys

### Keys

E00300104957

3



AF3103455

- 1- Keyless entry key
- 2- Keyless operation key
- 3- Emergency key

### ⚠ WARNING

- When taking a key on flights, do not press any switches on the key while on the plane. If a switch is pressed on the plane, the key emits electromagnetic waves, which could adversely affect the plane's flight operation. When carrying a key in a bag, be careful that no switches on the key can be easily pressed by mistake.

### 📖 NOTE

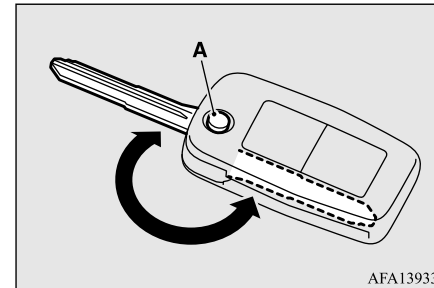
- The key (except for the emergency key) is a precision electronic part with a built-in signal transmitter. Please observe the following in order to prevent a malfunction.
- Do not leave anywhere that is exposed to direct sunlight, for example on the dashboard.
- Do not disassemble or modify.
- Do not excessively bend the key or subject it to a strong impact.
- Do not expose to water.
- Keep away from magnetic key rings.
- Keep away from audio systems, personal computers, TVs, and any other equipment that generates a magnetic field.
- Keep away from devices that emit strong electromagnetic waves, such as cellular phones, wireless devices and high frequency equipment (including medical devices).
- Do not wash with ultrasonic cleaners or similar equipment.
- Do not leave the key where it may be exposed to high temperature (exceeding 60°C) or high humidity.
- The engine is designed so that it will not start if the ID code registered in the immobilizer computer and the key's ID code do not match. Refer to the section entitled "Electronic immobilizer" for details and key usage.

### 📖 NOTE

- If you lose one of the keys, contact an authorised MITSUBISHI MOTORS dealer as soon as possible. To obtain a replacement or extra spare key, take your vehicle and all remaining keys to an authorised MITSUBISHI MOTORS dealer. All the keys have to be re-registered in the immobilizer computer unit. It is possible to register up to four keys.

### To use and carry the key (keyless entry key)

E00317600031



AFA139337

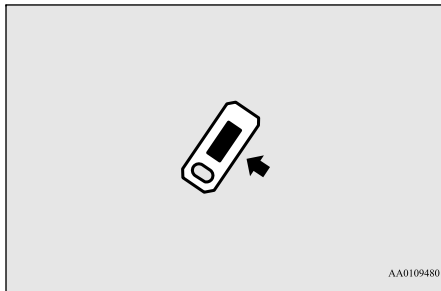
When using the key, press the button (A) on the body.  
When carrying the key, fold the key while pressing the button.

### Key number tag

E00314000164

The key number is stamped on the tag as indicated in the illustration.

Make a record of the key number and store the key and key number tag in separate places, so that you can order a key from your authorised MITSUBISHI MOTORS dealer in the event the original keys are lost.



### Electronic immobilizer (Anti-theft starting system)

E00300204280

#### CAUTION

- Don't make any alterations or additions to the immobilizer system; alterations or additions could cause failure of the immobilizer.

The electronic immobilizer is designed to reduce significantly the possibility of vehicle theft. The purpose of the system is to immobilize the vehicle if an invalid start is attempted. A valid start attempt can only be achieved using a key "registered" to the immobilizer system.

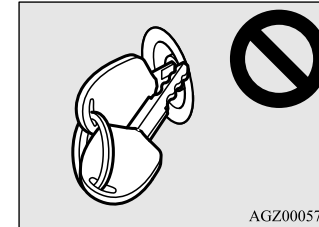
#### NOTE

- [Except for vehicles equipped with the keyless operation system]  
In the following cases, the vehicle may not be able to receive the registered ID code from the registered key and engine may not start.
- When the key contacts a key ring or other metallic or magnetic object

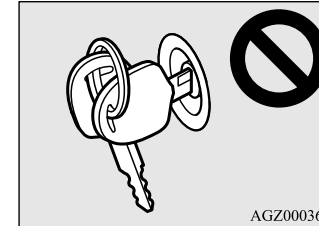


#### NOTE

- When the key grip contacts metal of another key



- When the key contacts or is close to other immobilizing keys (including keys of other vehicles)



In cases like these, remove the object or additional key from the vehicle key. Then try again to start the engine. If the engine does not start, contact an authorised MITSUBISHI MOTORS dealer.

- [Vehicles equipped with the keyless operation system]  
If the engine does not start, contact an authorised MITSUBISHI MOTORS dealer.

3



## Keyless entry system

3

### NOTE

- If you lose one of them, contact an authorised MITSUBISHI MOTORS dealer as soon as possible.

To obtain a replacement or extra spare key, take your vehicle and all remaining keys to an authorised MITSUBISHI MOTORS dealer. All the keys have to be re-registered in the immobilizer computer unit.

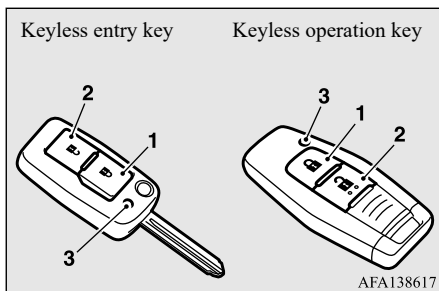
For further information, please contact an authorised MITSUBISHI MOTORS dealer.

## Keyless entry system

E00300305477

Press the key switch, and all doors will be locked or unlocked as desired.

It is also possible to operate the outside rear-view mirrors. (Vehicles equipped with the mirror retractor switch)



1- LOCK switch

- 2- UNLOCK switch
- 3- Indicator lamp

### To lock

Press the LOCK switch (1). All the doors will be locked. The turn-signal lamps will blink once.

The position lamps, tail lamps and licence plate lamp will also turn on for a period of time.

### To unlock

Press the UNLOCK switch (2). All the doors will be unlocked. If the room lamp switch is in the DOOR position at this time, the room lamp will come on for approximately 20 seconds and the turn-signal lamps will blink twice.

The position lamps, tail lamps and licence plate lamp will also turn on for a period of time.

Refer to “Instruments and controls: Welcome light” on page 5-43.

### NOTE

- The door unlock function can be set so that only the driver’s door unlocks when the UNLOCK switch (2) is pressed once. If the door unlock function is set to work as described above, all the doors unlock when the UNLOCK switch is pressed again within 2 seconds. Refer to “Setting of door unlock function” on page 3-5.
- For vehicles equipped with the mirror retractor switch, the outside rear-view mirrors automatically retract or extend when all the doors are locked or unlocked using the key switches of the keyless entry system. Refer to “Starting and driving: Outside rear-view mirrors” on page 6-9.
- If the UNLOCK switch (2) is pressed and no door is opened within approximately 30 seconds, relocking will automatically occur.
- The keyless entry system does not operate in the following conditions:
  - The engine is running.
  - The door is open or ajar (when locking).
- The key switch will operate within approximately 4 m from the vehicle. However, the operating range of the key switch may change if the vehicle is located near a power station, or radio/TV broadcasting station.
- If either of the following problems occurs, the battery may be exhausted.
  - The key switch is operated at the correct distance from the vehicle, but the doors are not locked/unlocked in response.

**NOTE**

- The indicator lamp (3) is dim or does not come on.

For further information, please contact an authorised MITSUBISHI MOTORS dealer. If you replace the battery yourself, refer to “Procedure for replacing the key battery” on page 3-6.

- If your key is lost or damaged, please contact an authorised MITSUBISHI MOTORS dealer for a replacement key.

**Operation of the outside rear-view mirrors (vehicles equipped with the mirror retractor switch)**

E00310802171

**To retract**

Locking the doors using the LOCK switch (1), the outside rear-view mirrors are retracted automatically.

**To extend**

Unlocking the doors using the UNLOCK switch (2), the outside rear-view mirrors are extended automatically.

**NOTE**

- The operation of the outside rear-view mirrors function can be deactivated. Please consult an authorised MITSUBISHI MOTORS dealer. On vehicles equipped with the colour liquid crystal display, the function can be changed by setting functions on the meter. Refer to “Vehicle Settings” on page 5-11.

**Setting of door unlock function**

E00310301805

The door unlock function can be set to the following two conditions. Each time the door unlock function is set, the turn-signal lamps blink to tell you the condition of the door unlock function.

Turn-signal lamps	Condition
Blink once	When the UNLOCK switch (2), or driver’s or front passenger’s door lock/unlock switch (if so equipped) is pressed once, all doors unlock. [Factory setting]

Turn-signal lamps	Condition
Blink three times	When the UNLOCK switch (2) or the driver’s door lock/unlock switch (if so equipped) is pressed once, only the driver’s door unlocks. If the UNLOCK switch or the driver’s door lock/unlock switch (if so equipped) is pressed again within 2 seconds, all doors unlock. [Vehicles equipped with the keyless operation system] When the passenger’s door lock/unlock switch is pressed once, only the passenger’s door unlocks. If the passenger’s door lock/unlock switch is pressed again within 2 seconds, all doors unlock.

To switch to the unlock function mode, perform the following procedure.

## Keyless entry system

3

1. Turn the ignition switch to the “LOCK” position and then remove the key (except for vehicles equipped with the keyless operation system), or put the operation mode in OFF (vehicles equipped with the keyless operation system).
2. Press and hold the LOCK switch (1) and the UNLOCK switch (2) for approximately 5 seconds or more.

### NOTE

- On vehicles equipped with the colour liquid crystal display, the function can be changed by setting functions on the meter. Refer to “Vehicle Settings” on page 5-11.

## Procedure for replacing the key battery

E00309502833

### WARNING

- Do not swallow a coin type battery.
  - This product contains coin type battery. If a coin type battery is swallowed, it can cause severe internal burns and can lead to death. There have been cases where a swallowed battery has caused severe internal burns in just 2 hours.
- Keep new and used batteries away from children.

### WARNING

- If the key case does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of a person’s body, seek immediate medical attention.
- To prevent an explosion or leakage of flammable liquid or gas:
  - Do not replace the battery with an incorrect type. Replace only with the same or equivalent type.
  - Do not dispose of a battery into a fire or incinerator, or by mechanically crushing or cutting the battery.
  - Do not use, store, or take a battery any place where it may be exposed to extremely high temperature or extremely low air pressure.

### CAUTION

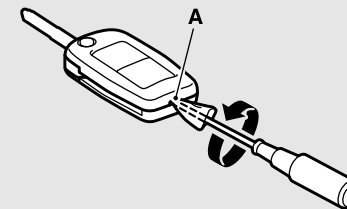
- Never disassemble or remove any inside parts of the key other than described below. Because there is a possibility that it may become impossible to reassemble.
- When the key case is opened, be careful to keep water, dust, etc. out. Also, do not touch the internal components.
- Dispose of used battery according to the regulations for the disposal of battery.

### NOTE

- You may purchase a replacement battery at an electric appliance store.
- An authorised MITSUBISHI MOTORS dealer can replace the battery for you if you prefer.

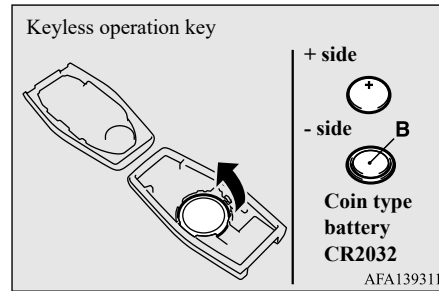
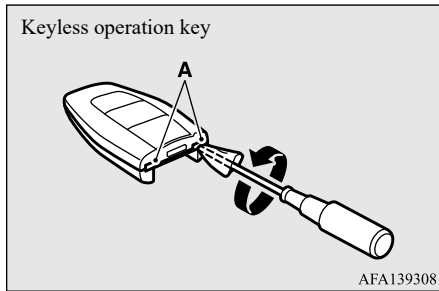
1. Before replacing the battery, remove static electricity from your body by touching a metal grounded object.
2. Flips open the key when the key is stored in the body. (Keyless entry key only) Refer to “To use and carry the key (keyless entry key)” on page 3-2.
3. Remove the emergency key from the key. (Keyless operation key only) Refer to “Emergency key” on page 3-13.
4. Insert the cloth-covered tip of a straight blade (or minus) screwdriver into the notches (A) in the key case and use it to open the case in the orientation shown in the illustration.

Keyless entry key

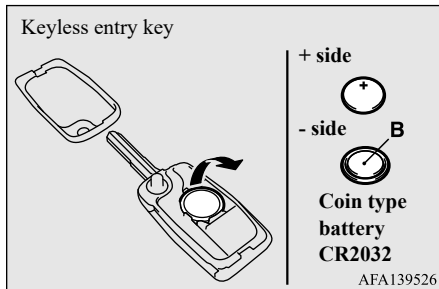


AFA139513

### Keyless operation system\*



5. Remove the used battery.
6. Install a new battery with the - side (B) up.



7. Close the key case firmly.
8. Install the emergency key removed in step 3. (Keyless operation key only)
9. Check the keyless entry system to see that it works.

### Keyless operation system\*

E00305602908

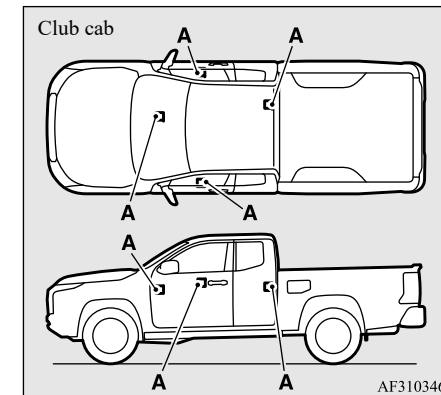
The keyless operation system allows you to lock and unlock the doors, start the engine and change the operation mode simply by carrying the keyless operation key with you. The switches on the keyless operation key can also be used as the key switch of keyless entry system. Refer to “Starting and stopping the engine” on page 6-16. Refer to “Keyless entry system” on page 3-4.

The driver should always carry the keyless operation key. This key is necessary for locking and unlocking the doors, starting the engine and otherwise operating the vehicle, so before locking and leaving the vehicle, be sure to check that you have the keyless operation key.

3

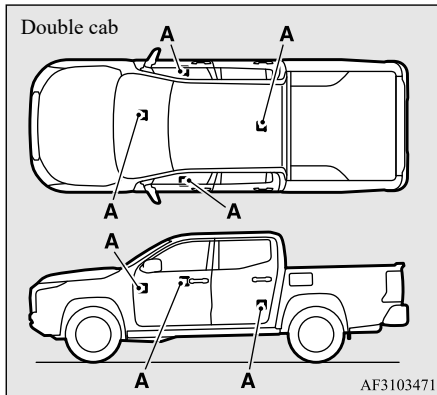
### ⚠ WARNING

- People with implantable cardiac pacemakers or implantable cardiovascular-defibrillators should not go near the transmitters (A). The radio waves used by the keyless operation system could adversely affect implantable cardiac pacemakers or implantable cardiovascular-defibrillators.



## Keyless operation system\*

3



### ⚠ WARNING

- When using electro-medical devices other than implantable cardiac pacemakers or implantable cardiovascular-defibrillators, contact the electro-medical device manufacturer ahead of time to determine the adverse effects of radio waves on the devices. Electro-medical device operations could be affected by radio waves.

### 📖 NOTE

- The keyless operation key uses an ultra-weak electromagnetic wave. In the following cases, the keyless operation system may not operate properly or may be unstable.

### 📖 NOTE

- When there is equipment nearby that emits strong radio waves, such as: a power station, a radio/TV broadcasting station or an airport.
- The keyless operation system is carried together with a communications device such as a cellular phone or radio set, or with an electronic device such as a personal computer.
- The keyless operation key is touching or covered by a metal object.
- A keyless entry system is being used nearby.
- When the keyless operation key battery is worn out.
- When the keyless operation key is set down in an area with strong radio waves or noise.

In such cases, use the emergency key.  
Refer to “To operate without using the keyless operation function” on page 3-13.

- Because the keyless operation key receives signals in order to communicate with the transmitters in the vehicle, the battery continually wears down regardless of keyless operation key use. The battery life is 1 to 2 years, depending on usage conditions. When the battery wears out, replace the battery according to the description in this manual or have it replaced an authorised MITSUBISHI MOTORS dealer.  
Refer to “Procedure for replacing the key battery” on page 3-6.

### 📖 NOTE

- Because the keyless operation key continually receives signals, strong radio wave reception could affect battery wear. Do not leave the key near a TV, personal computer, or other electronic device.

### Operating range of the keyless operation system

E00305701609

If you are carrying the keyless operation key, enter the operating range of the keyless operation system, and press the driver's or front passenger's door lock/unlock switch, the ID code for your key is verified.

You can lock and unlock the doors, start the engine and change the operation mode only if the ID codes of your keyless operation key and the vehicle match.

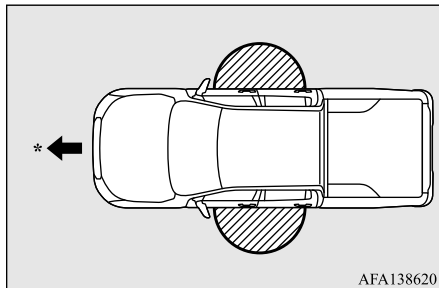
### 📖 NOTE

- If the keyless operation key battery is wearing out or there are strong electromagnetic waves or noise present, the operating range may become smaller and operation may become unstable.

### Operating range for locking and unlocking the doors

E00306202190

The operating range is approximately 70 cm from the driver's or front passenger's door lock/unlock switch.



AFA138620

\*: Forward direction

: Operating range

### NOTE

- Locking and unlocking operate only when you press a driver's or front passenger's door lock/unlock switch that detects the keyless operation key.
- Operation may not be possible if you are too close to the front door handle or door window.

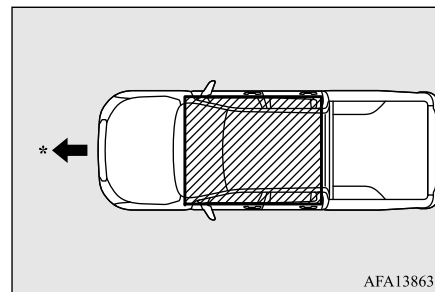
### NOTE

- Even if the keyless operation key is within 70 cm of the driver's or front passenger's door lock/unlock switch, if the key is near to the ground or high up, the system may not operate.
- If the keyless operation key is within the operating range, even someone not carrying the key can lock and unlock the doors by pressing the driver's or front passenger's door lock/unlock switch.

### Operating range for starting the engine and changing the operation mode

E00306301787

The operating range is the interior of the vehicle.



AFA138633

\*: Forward direction

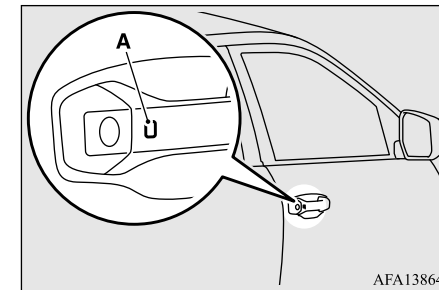
: Operating range

### NOTE

- Even if it is within the operating range, if the keyless operation key is in a small item holder such as the glove box, on top of the instrument panel or door pocket, it may be impossible to start the engine and change the operation mode.
- If a keyless operation key is too close to the door, door window, windscreen, or the front end of the cargo area, it may be possible to start the engine or change the operation mode even when the key is outside the vehicle.

### To operate using the keyless operation function

E00305803688



AFA138646

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### Locking the doors

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When you are carrying the keyless operation key, if you press the driver's or front passenger's door lock/unlock switch (A), within the operating range, the doors are locked.

The turn-signal lamps will blink once and the outer buzzer will sound once.

Also refer to "Locking and unlocking: Doors, Central door locks" on pages 3-13 and 3-15.

#### NOTE

- Be sure to have the keyless operation key with you before locking the vehicle. Even if the keyless operation key is left in the vehicle in the glove box or other small storage compartment, or near the instrument panel, the vehicle may be locked depending on the radio waves and other conditions in the surrounding environment, trapping the key inside the vehicle.
- For vehicles equipped with the mirror retractor switch, the outside rear-view mirrors automatically retract when all the doors are locked using the keyless operation function. Refer to "Outside rear-view mirrors" on page 6-9.
- The keyless operation function does not operate under the following conditions:
  - The keyless operation key is inside the vehicle.
  - A door is open or ajar.
  - The engine is running.

### Unlocking the doors

When you are carrying the keyless operation key, if you press the driver's or front passenger's door lock/unlock switch (A), within the operating range, all the doors are unlocked.

If the room lamp switch is in the DOOR position at this time, the room lamp will turn on for approximately 20 seconds. The turn-signal lamps will blink twice and the outer buzzer will sound twice.

If the driver's or front passenger's door lock/unlock switch is pressed and any of the doors is not opened within approximately 30 seconds, relocking will automatically occur.

Also refer to "Locking and unlocking: Doors, Central door locks" on pages 3-13 and 3-15.

#### NOTE

- The keyless operation function can be set so that only the driver's door unlocks when the driver's door lock/unlock switch is pressed. If the keyless operation function is set to work as described above, all the doors unlock when the driver's door lock/unlock switch is pressed again within 2 seconds. Refer to "Setting of door unlock function" on page 3-5.

#### NOTE

- For vehicles equipped with the mirror retractor switch, the outside rear-view mirrors automatically extend when all the doors are unlocked using the keyless operation function. Refer to "Starting and driving: Outside rear-view mirrors" on page 6-9.
- The keyless operation function does not operate when the engine is running.

#### Operation confirmation when locking and unlocking

Operation can be confirmed as shown below. However, the room lamp will illuminate only if the room lamp switch is in the DOOR position.

Locking: The turn-signal lamps blink once and the outer buzzer sounds once.

Unlocking: The room lamp illuminates for approximately 20 seconds, the turn-signal lamps blink twice and the outer buzzer sounds twice.



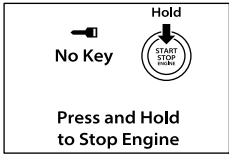

**Warning activation**

E00305902884

In order to prevent vehicle theft or the accidental operation of the keyless operation system, the buzzer and the display on the information screen in the multi-information display are used to alert the driver.

If a warning is activated, always check the vehicle and the keyless operation key. The warning is also displayed if there is a fault in the keyless operation system.

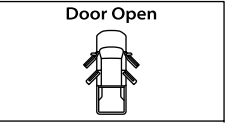

**3**

Item	Display	Note (Solution)
No key detected warning	 No Key Detected	This warning appears when the door is closed with the keyless operation key left outside the vehicle and the operation mode is put in ON. Make sure that the keyless operation key is inside the vehicle. Refer to “Operating range for starting the engine and changing the operation mode” on page 3-9.
Key battery low warning	 Key Battery Low	This warning appears when the keyless operation key battery is running out of power. If this indicator appears, replace the battery with a new one. Refer to “Procedure for replacing the key battery” on page 3-6.
Press and hold to stop engine warning	 No Key Hold Press and Hold to Stop Engine	This warning appears when the keyless operation key battery is worn out, or when the keyless operation key is taken outside the vehicle while the engine is running. To stop the engine in an emergency situation, perform either of the following procedures: <ul style="list-style-type: none"> <li>• Rapidly press the engine switch three consecutive times in less than 1.5 seconds.</li> <li>• Press and hold the engine switch for more than 2 seconds.</li> </ul> After the engine stops, open the door to return to the normal condition.
Put key near switch indicator	 Put Key Near Switch	This indicator appears when the keyless operation key battery is running out of power and when the keyless operation key and vehicle are not communicating normally. If this indicator appears, touch the engine switch with the keyless operation key (a chime will sound), and then press the engine switch while depressing the clutch pedal (M/T) or the brake pedal (A/T) within 10 seconds after the chime sounds. Refer to “If the keyless operation key is not operating properly” on page 6-19.



Keyless operation system\*

**3**

Item	Display	Note (Solution)
Door open warning	<p style="text-align: center;">Door Open</p> 	This warning appears if any of the doors is open or not closed securely. The vehicle icon indicates which door is open on the display.
Key system error see owner's manual warning		This warning appears if there is a malfunction in the keyless operation key. If this warning appears while the engine is stopped, the engine cannot be started. If this warning appears while the engine is running, the vehicle can be driven. However, we recommend you to consult an authorised MITSUBISHI MOTORS dealer as soon as possible.

## To operate without using the keyless operation function

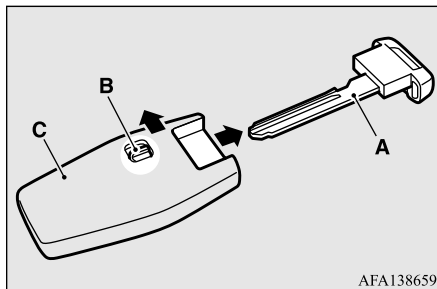
E00306001218

### Emergency key

E00307201868

The emergency key is built into the keyless operation key. If the keyless operation function cannot be used, for example because the keyless operation key battery has worn out or the vehicle battery is flat, you can lock and unlock the driver's door with the emergency key. To use the emergency key (A), unlock the lock knob (B) and remove it from the keyless operation key (C).

Refer to "Doors" on page 3-13.



AFA138659

### NOTE

- Only use the emergency key for emergencies. If the keyless operation key battery wears out, replace it as quickly as possible so that you can use the keyless operation key.
- After using the emergency key, always return it into the keyless operation key.

## Doors

E00300404080

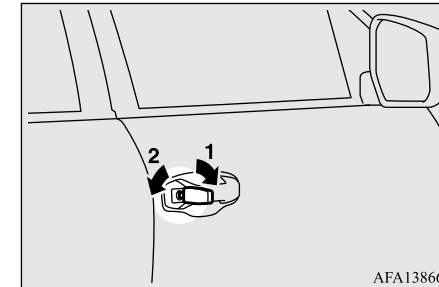
### CAUTION

- Make sure the doors are closed: driving with doors not completely closed is dangerous.
- Never leave children in the vehicle unattended.
- Be careful not to lock the doors while the key is inside the vehicle.

### NOTE

- To prevent the key from being locked inside the vehicle, neither the lock knob on the driver's door nor the key can be used to lock the driver's door when it is open.

## To lock or unlock with the key



AFA138662

- 1- Lock
- 2- Unlock

Turning the key in the forward direction locks the door, and turning it in the rear direction unlocks the door.

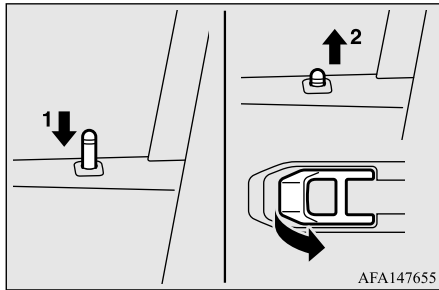
### NOTE

- When locking or unlocking the driver's door with the key, all doors will be locked or unlocked. Refer to "Central door locks" on page 3-15.
- If the vehicle is equipped with the keyless operation system, the driver's door can be locked or unlocked with the emergency key. Refer to "Emergency key" on page 3-13.

3

### To lock or unlock from inside the vehicle

**3**

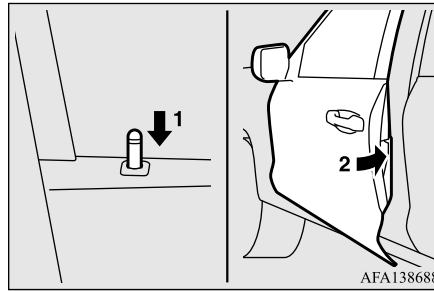


- 1- Lock
- 2- Unlock

When unlocking the driver's door, pull the inside door handle to unlock and open the door at the same time.

When unlocking the front passenger's door and rear door (Double cab), pull the inside door handle of the door you are unlocking.

### To lock without using the key



Set the inside lock knob (1) to the locked position, and close the door (2).

#### NOTE

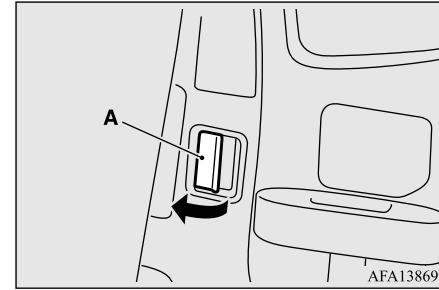
- The driver's door cannot be locked using the inside lock knob while the driver's door is opened.

### To open or close the rear door (Club cab)

E00313800051

You can open or close the rear door while the front door is opened.

1. Open the front door wide.
2. Pull the door handle (A) of the rear door.



3. Open the rear door.
4. When closing these doors, close the front door after closing the rear door.

#### WARNING

- When opening the rear door, confirm that the occupant of the front seat has taken off the seat belt before opening the rear door. If you open the rear door with the front seat belt being worn, the occupant of the front seat may be tightened with the locked seat belt and could result in serious injury.
- When closing the rear door, make sure not being trapped your hands or your fingers in the doors.

**⚠ WARNING**

- Before driving, make sure that the rear door is securely closed. If a door is ajar, the door-ajar warning lamp will illuminate or the door-ajar warning display screen will appear on the information screen in the multi-information display. If a door is not completely closed, the rear door could open while driving and this could cause an accident such as occupants being thrown from the vehicle.

**⚠ CAUTION**

- When opening or closing the rear door, please observe the followings. If you do not follow them, it could result in damage to your vehicle.
  - Do not open or close the rear door when the front door is not completely opened.
  - Do not open or close the rear door and the front door at the same time.
  - Do not close the rear door after closing the front door.

**Central door locks**

E00300803915

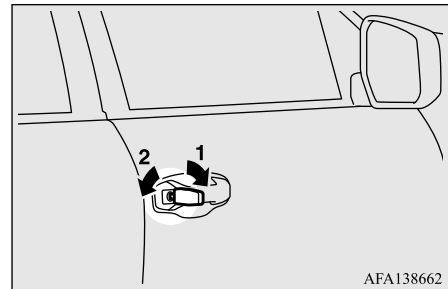
**📖 NOTE**

- Repeated continuous operation between lock and unlock could activate the central door locking system's built-in protection circuit and prevent the system from operating. If this occurs, wait approximately 1 minute before operating the central door lock system.

All of the doors can be locked and unlocked as described hereafter.

**Driver's door with key**

Using the key on the driver's door locks or unlocks all doors.



AFA138662

1- Lock

2- Unlock

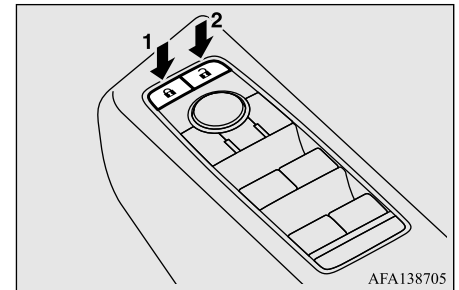
**📖 NOTE**

- If the doors were locked using the keyless entry system or the keyless operation function, only the driver's door can be unlocked using the key.
- If the vehicle is equipped with the keyless operation system, the driver's door can be locked or unlocked with the emergency key. Refer to "Emergency key" on page 3-13.

**3**

**Central door lock switch**

Using the central door lock switch on the driver's door locks or unlocks all doors.



AFA138705

1- Lock  
2- Unlock

### Speed sensing automatic central door lock (with impact sensitive unlock mechanism)

3

All of the doors lock automatically when the vehicle speed exceeds approximately 15 km/h. In addition, all of the doors unlock when a strong impact that could be very dangerous to the occupants is sustained by the collision of the vehicle. This is prepared for rescue activities when an unexpected accident occurs.

#### WARNING

- When the speed sensing automatic central door lock (with impact sensitive unlock mechanism) may not operate in the following conditions, have the vehicle inspected at an authorised MITSUBISHI MOTORS dealer immediately.
- The door does not lock automatically even when the vehicle speed exceeds approximately 15 km/h.
- The door unlocks automatically while driving.
- Even when the ignition switch or the operation mode is in ON, the SRS warning lamp does not come on or it remains on.
- The SRS warning lamp comes on while driving.


#### WARNING

- The central door lock system is broken down.

#### NOTE

- Even if the vehicle suffers significant deformation from a collision etc., depending on the location and angle of the collision, as well as on the shape and condition of the other object in the collision, the doors may not unlock. The extent of deformation or damage to the vehicle does not necessarily correlate with unlock of the doors.
- If the doors are unlocked while driving, the doors do not lock automatically.
- All of the doors unlock automatically when the vehicle speed is approximately 4 km/h or less and the driver's door is opened.
- These functions are activated when the vehicle is shipped from the factory. If you wish to activate or deactivate these functions, perform the following procedure.
  1. Close all doors.
  2. Turn the ignition switch to the "ON" position or put the operation mode in ON.

#### NOTE

3. Within 20 seconds after turning the ignition switch to the "ON" position or putting the operation mode in ON, press and hold  switch on the central door lock switch for 5 seconds or more to switch between activate and deactivate.  
Activate: The turn-signal lamps blink twice.  
Deactivate: The turn-signal lamps blink once.

### Unlock using the ignition switch, the engine switch or the selector lever

It is possible to unlock all of the doors whenever as follows.

[Vehicles with M/T]

The ignition switch is turned to the "LOCK" position or the operation mode is put in OFF.

[Vehicles with A/T]

The selector lever placed the "P" (PARK) position while the ignition switch or the operation mode is in ON.

Or the ignition switch is turned to the "LOCK" position or the operation mode is put in OFF.

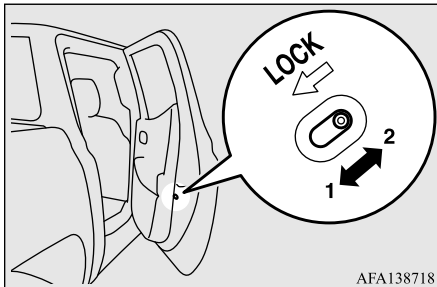
## “Child-protection” rear doors (Double cab)

### NOTE

- These functions are activated when the vehicle is shipped from the factory. If you wish to activate or deactivate these functions, please contact an authorised MITSUBISHI MOTORS dealer.  
[Vehicles with A/T]  
On vehicles equipped with the colour liquid crystal display, these functions can be changed by setting functions on the meter. Refer to “Vehicle Settings” on page 5-11.

## “Child-protection” rear doors (Double cab)

E00300902339



AFA138718

- 1- Lock
- 2- Unlock

Child protection helps prevent the rear doors from being opened accidentally from the inside.

If the lever is set to the locked position (1), the rear door cannot be opened using the inside handle, but only with the outside handle.

If the lever is set to the unlock position (2), the child protection mechanism does not function.

### CAUTION

- When driving with a child in the rear seat, please use the child protection to prevent accidental door opening which may cause an accident.

## Rear gate

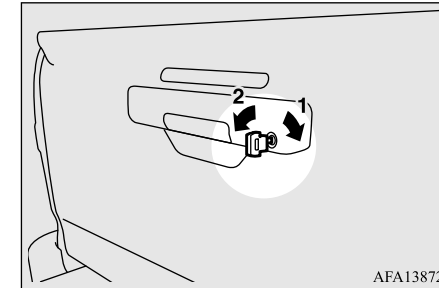
E00303001204

### CAUTION

- Do not stand behind the exhaust pipe when loading and unloading luggage. Heat from the exhaust could lead to burns.
- Pay attention not to catch your fingers in the rear gate.
- Do not weight the rear gate.
- Before driving, make sure that the rear gate is securely closed. If the rear gate opens while driving the vehicle, objects stored in the cargo area could fall out onto the road.

## To lock or unlock with the key\*

E00309700020



3

- 1- Lock
- 2- Unlock

### NOTE

- If the vehicle is equipped with the keyless operation system, the rear gate can be locked or unlocked with the emergency key. Refer to “Emergency key” on page 3-13.

## To open

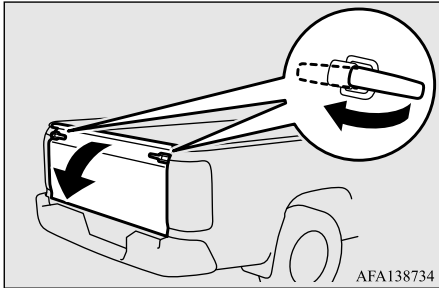
E00309800021

## Single cab

While supporting the rear gate with one hand, pull the handles on both sides toward you with the other hand, and lower the rear gate.

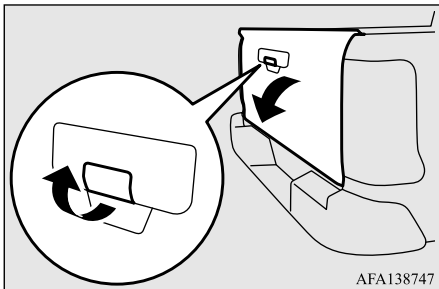
## Rear gate

3



### Club cab and Double cab

1. On vehicles equipped with the rear gate key cylinder, unlock the rear gate. Refer to “To lock or unlock with the key” on page 3-17.
2. Lift up the handle and lower the rear gate.

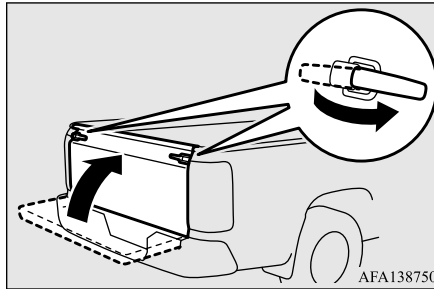


### To close

E0030990022

### Single cab

1. Raise the rear gate, and while supporting the rear gate with one hand, push the handles on both sides into the rear gate side with the palm of your other hand.



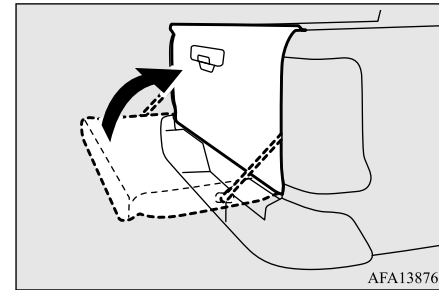
### ⚠ CAUTION

- When pushing in the handles, do not push them into the rear gate while holding the handles. Your hand may be trapped, which could result in an injury.

2. Gently shake the upper part of the rear gate to check that it is securely fixed.

### Club cab and Double cab

Raise the rear gate and close with enough force to latch the assembly securely into position.



### To swing down

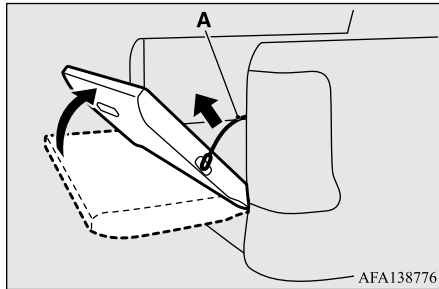
E0031740026

The rear gate can be swung down in two stages except some models. To lower it to the second stage, proceed as follows:

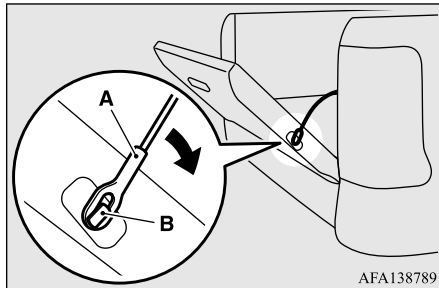
### ⚠ CAUTION

- On vehicles with the rear bumper, never swing down the rear gate because the rear gate could be damaged.

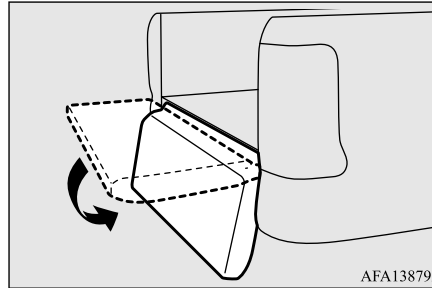
1. Swing open the rear gate to the first position. Then, lift it up to the position shown in the illustration while holding the wire (A).



2. Remove the wire (A) on one side while aligning the hole in the wire with the hook (B).



3. Remove the wire on the other side in the same manner, and have the rear gate swing down slowly.



**CAUTION**

- Never close the rear gate with the wire left unhooked.

**Electric window control**

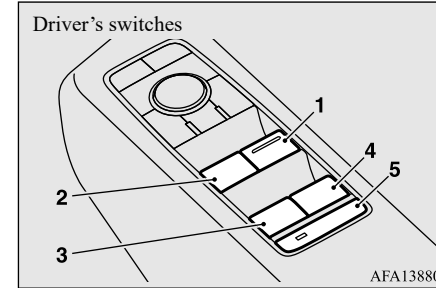
E00302201658

The electric windows can only be operated with the ignition switch or the operation mode in ON.

**Electric window control switch**

E00302303884

Each door window opens or closes while the corresponding switch is operated.



- 1- Driver's door window
- 2- Front passenger's door window
- 3- Rear left door window (Double cab)
- 4- Rear right door window (Double cab)
- 5- Lock switch

**WARNING**

- Before operating the electric window control, make sure that nothing is capable of being trapped (head, hand, finger, etc.).
- Never leave the vehicle without removing the key.
- Never leave a child (or other person who might not be capable of safe operation of the electric window control) in the vehicle alone.



## Electric window control

### Driver's switches

3

The driver's switches can be used to operate all door windows. A window can be opened or closed by operating the corresponding switch.

Press the switch down to open the window, and pull up the switch to close it.

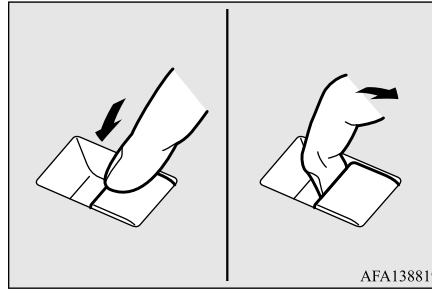
If the switch for the driver's door window is fully pressed down/pulled up, the driver's door window automatically opens/closes completely.

If you want to stop the window movement, operate the switch lightly in the reverse direction.

### Passenger's switches

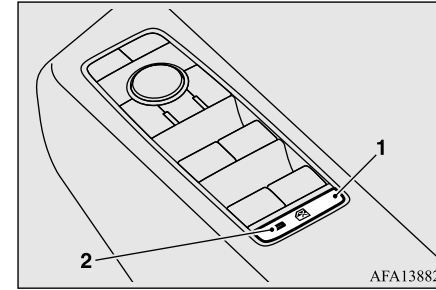
The passenger's switches can be used to operate the corresponding passenger's door windows.

Press the switch down for opening the window, and pull up the switch for closing.



#### NOTE

- Repeated operation with the engine stopped will run down the battery. Try not to operate the window switches except when the engine is running.
- The rear door windows only open halfway (Double cab).



#### WARNING

- A child may tamper with the switch at the risk of its hands or head being trapped in the window. When driving with a child in the vehicle, please press the lock switch (1) to turn on the indicator (2) and disable the passenger's switches.

### Lock switch

E00303102781

When the lock switch (1) is pressed, the indicator (2) comes on, and the passenger's switches cannot be used to open or close the door windows and the driver's switch cannot open or close any door windows other than the driver's door window.

To unlock, press the lock switch again, and the indicator will turn off.

### Timer function

E00302402309

The door windows can be opened or closed for approximately 45 seconds after the engine is stopped.

However, once the driver's door or the front passenger's door is opened, the windows cannot be operated.

### Safety mechanism (driver's door window only)

E00302502560

While closing the driver's door window, if a hand or head is trapped in the closing window, it will lower automatically.

Nonetheless, make sure that nobody puts their head or hand out of the window when closing the driver's door window.

The lowered window will become operational after a few seconds.

#### WARNING

- If the battery terminals are disconnected or the fuse for electric window is replaced, the safety mechanism will be cancelled. If a hand or head got trapped, a serious injury could result.

#### CAUTION

- The safety mechanism is cancelled just before the window is fully closed. This allows the window to close completely. Therefore be especially careful that no fingers are trapped in the window.

#### NOTE

- The safety mechanism can be activated if the driving conditions or other circumstances cause the driver's door window to be subjected to a physical shock similar to that caused by a trapped hand or head.
- If the safety mechanism is activated five or more times in a row, the driver's door window will not automatically close completely. In such a case, the following procedure should be implemented to rectify this situation. If the window is open, repeatedly raise the driver's door window switch until the window has been fully closed. Following this, release the switch, raise the switch once again and hold it in this condition for at least 1 second, then release it. You should now be able to operate the driver's door window in the normal fashion.
- If the battery terminals are disconnected or the fuse for electric window is replaced, the safety mechanism will be cancelled and the driver's door window will not automatically open/close completely. If the window is open, repeatedly raise the driver's door window switch until the window has been fully closed. Following this, release the switch, raise the switch once again and hold it in this condition for at least 1 second, then release it. You should now be able to operate the driver's door window in the normal fashion.



## *Seat and seat belts*

Seat adjustment .....	4-2
Front seats .....	4-2
Rear seat*.....	4-3
Head restraints .....	4-4
Seat belts .....	4-5
Pregnant women restraint .....	4-9
Seat belt pre-tensioner system and force limiter system .....	4-9
Child restraint .....	4-10
Seat belt inspection .....	4-22
Supplemental Restraint System (SRS)-airbag .....	4-22

## Seat adjustment

### Seat adjustment

E00400302288

Adjust the driver's seat so that you are comfortable and that you can reach the pedals, steering wheel, switches etc. while retaining a clear field of vision.

4

#### **! WARNING**

- Do not attempt to adjust the seat while driving. This can cause loss of vehicle control and result in an accident.
- After seat adjustments are made, ensure the adjusting mechanism (levers or handles etc.) are returned to their original positions, and the seating is locked in position by attempting to move the seat forward and rearward without using the adjusting mechanism.
- It is extremely dangerous to ride in the cargo area of a vehicle. Also, the cargo area and rear seats should never be used as a play area by children. In a collision, people or children riding unrestrained in these areas are more likely to be seriously injured or killed.
- Do not allow people or children to ride in any area of your vehicle that is not equipped with seats and seat belts, and make sure that everyone travelling in your vehicle is in a seat and wearing a seat belt, or in the case of a child is strapped in a child restraint.

#### **! WARNING**

- To minimize the risk of personal injury in the event of a collision or sudden braking, the seatbacks should always be in the almost upright position while the vehicle is in motion. The protection provided by the seat belts may be reduced significantly when the seatback is reclined. There is greater risk that the passenger will slide under the seat belt, resulting in serious injury, when the seatback is reclined.
- Do not place objects under the seats. This could prevent the seat from locking securely, and it could lead to an accident. It may also cause damage to the seat or other parts.

#### **! CAUTION**

- Make sure the seat is adjusted by an adult or with adult supervision for correct and safe operation.
- Do not place a cushion or the like between your back and the seatback while driving. The effectiveness of the head restraints will be reduced in the event of an accident.
- The reclining mechanism of the front manual seat's seatback is spring loaded, causing it to fold the seatback forward when the lock lever is operated. When using the lever, sit close to the seatback or hold it with your hand to control its return motion.
- When sliding the seats, be careful not to catch your hand or foot.

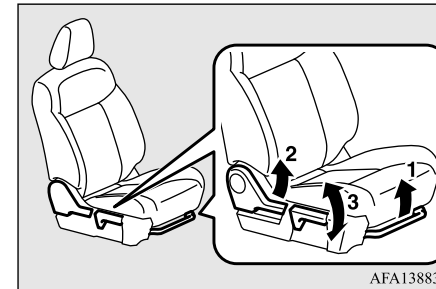
#### **! CAUTION**

- When sliding or reclining the seat rearward, pay careful attention to the rear seat passengers. (Double cab)

### Front seats

E00400401921

#### Manual type\*



##### 1- To adjust forward or backward

Lift the handle and adjust the seat to the desired position, and release the handle.

##### 2- To recline the seatback

Pull the lever up and then lean backward to the desired position, and release the lever.

- To adjust seat height (driver's side only)\*  
Repeatedly operate the lever and adjust the seat height to the desired position.

### Power type\*



- To adjust forward or backward  
Operate the switch as indicated by the arrows and adjust the seat to the desired position.
- To recline the seatback  
Operate the switch as indicated by the arrows and adjust the seatback angle to the desired position.

- To adjust seat height  
Operate the switch as indicated by the arrows and adjust the seat height to the desired position.
- To adjust seat cushion angle  
Operate the switch as indicated by the arrows and adjust the seat cushion angle to the desired position.
- To adjust lumbar support strength  
Operate the switch as indicated by the arrows and adjust the lumbar support strength to the desired position.

### NOTE

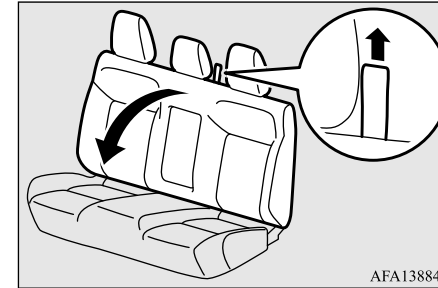
- To prevent the battery from running down, operate the switch with the engine running.

### Rear seat\*

#### Folding the seatback forward

Pull up the band on the top of the seatback and fold it forward.

### Rear seat\*



4

#### To return

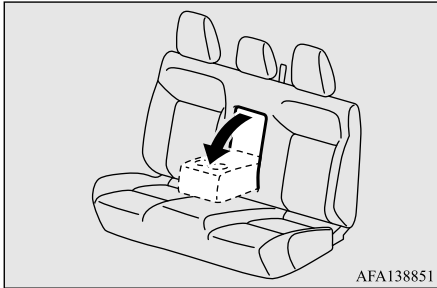
Raise the seatback until it is locked securely in place.  
Push and pull the seatback lightly to be sure it is secure.

#### Armrest

To use the armrest, fold it down.  
To return to the original position, push it backward until it is flush with the seat.

## Head restraints

4



### CAUTION

- Do not climb or sit on the armrest. Doing so could damage the armrest.

### NOTE

- The top surface of the armrest contains a cup holder for rear seat occupants. Refer to “Cup holder” on page 7-31.

## Head restraints

E00403303130

### WARNING

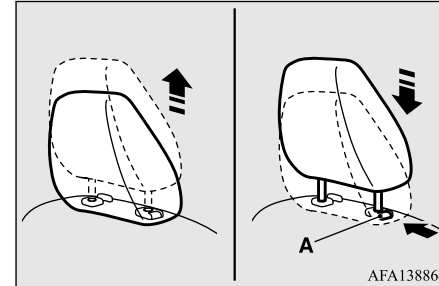
- Driving without the head restraints in place can cause you and your passengers serious injury or death in an accident. To reduce the risk of injury in an accident, always make sure the head restraints are installed and properly positioned when the seat is occupied.
- Never place a cushion or similar device on the seatback. This can adversely affect head restraint performance by increasing the distance between your head and the restraint.

### To adjust height (front seats)

Adjust the head restraint height so that the centre of the head restraint is as close as possible to ear level to reduce the chances of injury in the event of collision. Any person too tall for the head restraint to reach their seated ear level, should adjust the restraint as high as possible.

To raise the head restraint, move it upward. To lower the restraint, move it downward while pressing the height adjusting knob (A) in the direction of the arrow. After adjust-

ment, push the head restraint downward and make sure that it is locked.



### NOTE

- The head restraint height of the rear seat cannot be adjusted.

### To remove

Lift the head restraint with the height adjusting knob (A) pushed in.

### NOTE

- To remove the head restraint from a front seat, tilt the seatback rearward to a position where the head restraint will not contact the headliner. Refer to “Front seats” on page 4-2.

**NOTE**

- To remove the head restraint from a rear outboard seat, tilt the seatback forward to a position where the head restraint will not contact the headliner. Refer to “Rear seat” on page 4-3.

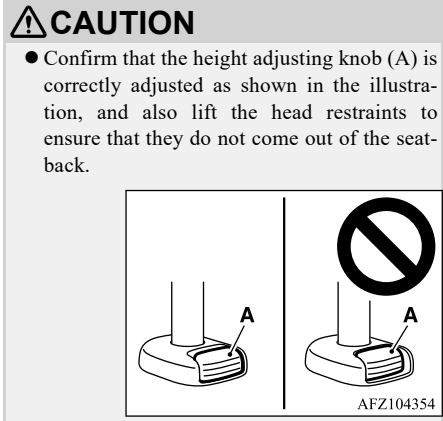
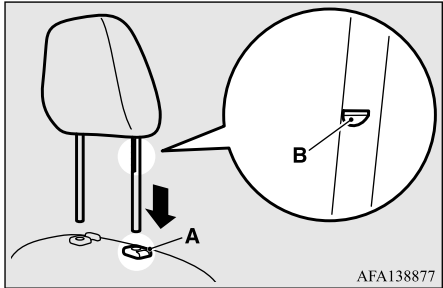
**To install**

**NOTE**

- Before installing the head restraint to a front seat, tilt the seatback rearward to a position where the head restraint will not contact the headliner. Refer to “Front seats” on page 4-2.
- Before installing the head restraint to a rear outboard seat, tilt the seatback forward to a position where the head restraint will not contact the headliner. Refer to “Rear seat” on page 4-3.

Confirm that the head restraint is facing the correct direction, and then insert it into the seatback while pressing the height adjusting knob (A) in the direction indicated by the arrow.

The head restraint stalk with the adjustment notches (B) must be installed in the hole with the adjusting knob (A).



**CAUTION**

- If your vehicle is equipped with the rear seat head restraint, the shape and size of the head restraint differs according to the seat. Always use the correct head restraint provided for the seat and do not install the head restraint in the wrong direction.

**Seat belts**

E00404802728

To protect you and your passengers in the event of an accident, it is the most important that the seat belts be worn correctly while driving.

The front seat belts have a pre-tensioner system. These belts are used the same way as a conventional seat belt.

Refer to “Seat belt pre-tensioner system and force limiter system” on page 4-9.



**⚠ WARNING**

- Seat belts should always be worn by every adult who drives or rides in this vehicle, and by all children who are large enough to wear seat belts properly. Other children should always use proper child restraint systems.
- Always place the shoulder belt over your shoulder and across your chest. Never put it behind you or under your arm.
- One seat belt should be used by only one occupant.  
It is dangerous to put a belt around a child being carried on the occupant's lap.
- The seat belt will provide its wearer with maximum protection if the recliner seatback is placed in fully upright position. When the seatback is reclined, there is greater risk that the passenger will slide under the belt, especially in a forward impact accident, and may be injured by the belt or by striking the instrument panel or seatbacks.
- Remove any twists when using the belt.
- No modifications or additions should be made by the user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat belt assembly from being adjusted to remove slack.

**⚠ WARNING**

- Never hold a child in your arms or on your lap when riding in this vehicle, even if you are wearing your seat belt. To do so risks severe or fatal injury to your child in a collision or sudden stop.
- Always adjust the seat belt to a snug fit.
- Always wear the lap portion of the belt over your hips.
- Do not let children play with the seat belts. If children play with the seat belts by wrapping them around their bodies, the seat belt may retract and become tight. This can result in a serious injury or death, such as suffocation. This can occur even if the vehicle is parked. If the child cannot be released from the seat belt, use an appropriate tool such as a knife or scissors to cut the seat belt.
- Only use the seat belts to restrain people or universal child restraint systems (refer to "Child restraint" on page 4-10). Never use them to secure cargo, as this may cause damage, reducing their effectiveness during an accident when subsequently worn by people.

**3-point type seat belt (with emergency locking mechanism)**

E00404903494

This type of belt requires no length adjustment. Once worn, the belt adjusts itself to the

movement of wearer, but in the event of a sudden or strong shock, the belt automatically locks to hold the wearer's body.

**📖 NOTE**

- You can check if the belt locks by pulling it forward quickly.

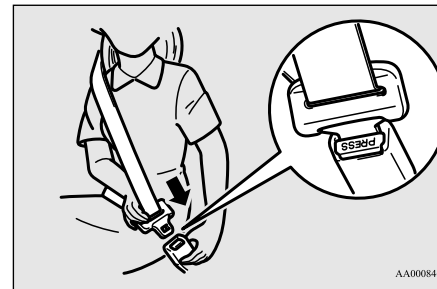
**To fasten**

1. Pull the seat belt out slowly while holding the latch plate.

**📖 NOTE**

- When the seat belts cannot be pulled out in a locked condition, pull the belts once forcefully and then return them. After that, pull the belts out slowly once again.

2. Insert the latch plate into the buckle until a "click" is heard.



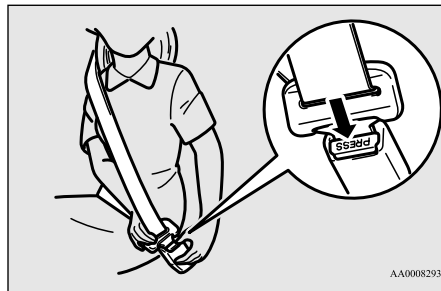
**⚠ WARNING**

- Never wear the lap portion of the belt across your abdomen. During accidents it can press sharply against abdomen and increase the risk of injury.
- The seat belts must not be twisted when worn.

3. Pull the belt slightly to adjust slackness as desired.

**To unfasten**

Hold the latch plate and press the button on the buckle.

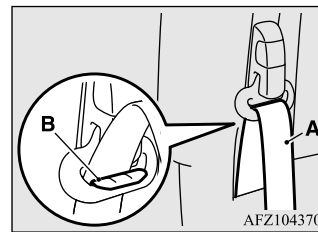


**⚠ CAUTION**

- As the belt retracts automatically, keep the latch plate held while retracting so that the belt stows slowly. Failure to do this could damage the vehicle.

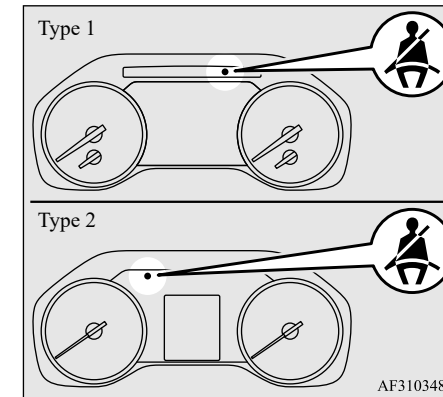
**📖 NOTE**

- If the seat belt (A) or ring (B) becomes dirty, the belt may not retract smoothly. Even if the seat belt and ring do not appear dirty, they may actually be dirty. Clean the entire seat belt with a neutral detergent solution, and wipe off the ring. Removing non-visible dirt may help the seat belt to retract more smoothly. Refer to “Cleaning the seat belts” on page 9-3.



**Seat belt reminder**

E00409803355



4

If the ignition switch is turned to the “ON” position or the operation mode is put in ON while a seat belt is not fastened, the warning lamp comes on to remind the driver and/or the front passenger to fasten the seat belt. If the vehicle exceeds the speed of approximately 15 km/h with the seat belt still unfastened, the warning lamp will blink and the tone will sound intermittently. The warning lamp will continue blinking until the seat belt is fastened and the tone will sound for approximately 95 seconds or until the seat belt is fastened.

## Seat belts

[Vehicles for Type 1]

On vehicles equipped with the seat belt reminder for the rear passenger's seats, if a seat belt worn by a passenger in a rear seat is unfastened while the vehicle exceeds the speed of approximately 15 km/h, the warning lamp will blink and the tone will sound intermittently.

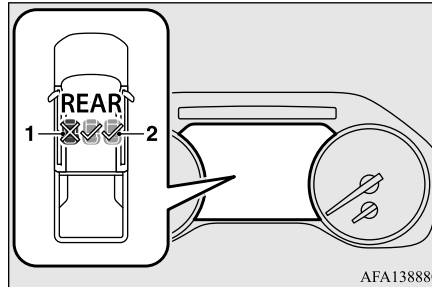
4

The warning lamp will continue blinking until the seat belt is fastened and the tone will sound for approximately 95 seconds or until the seat belt is fastened.

### NOTE

- For the front passenger seat, the warning function works only while a person is sitting on the seat.
- When luggage is placed on the front passenger seat, a sensor in the seat cushion may, depending on the weight and position of the luggage, cause the warning tone to sound and the warning lamp to come on.
- [Vehicles for Type 1]  
On vehicles equipped with the seat belt reminder for the rear passenger's seats, the seat with the rear passenger seat belt unfastened is reset after opening either of the rear doors while the vehicle is stopped and then closing all the doors.

### For the rear passenger's seats\*



- 1- Red seat with an "X" symbol: The corresponding seat belt is unfastened.
- 2- Green seat with a tick symbol: The corresponding seat belt is fastened.

The rear seat belt warning will be shown in the multi-information display for approximately 65 seconds when the operation mode is put in ON while any rear seat belt is unfastened. The driver can turn off the display by pressing the scroll dial on the left side of the steering wheel.

It will also display if any rear seat belt changes from fastened to unfastened. The display will remain until the number of rear fastened seat belts matches the maximum number seen during the journey or until turned off by the driver pressing the scroll dial on the left side of the steering wheel.

The journey will reset when either of the rear doors is opened while the vehicle is stationary.

If the vehicle speed exceeds 15 km/h while the number of rear fastened seat belts remains less than the maximum number seen during the journey the rear seat belt warning will reappear.

It is not possible to turn off the display while the tone is audible.

### NOTE

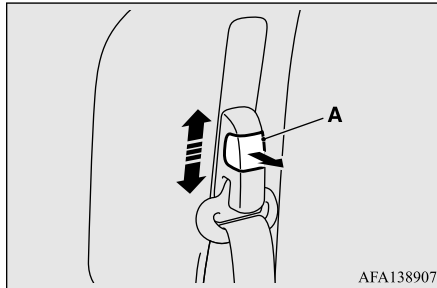
- The warning display is displayed even if no one is sitting on the rear seats.

### Adjustable seat belt anchor (front seats of Club cab and Double cab)

E00405001821

The seat belt anchor height can be adjusted. To move the anchor, pull the lock knob (A) and slide the anchor to the desired position. Release the lock knob to lock the anchor into position.

## Pregnant women restraint



### **⚠ WARNING**

- When adjusting the seat belt anchor, set it at a position that is sufficiently high so that the belt will make full contact with your shoulder but will not touch your neck.

## Pregnant women restraint

E00405600064

### **⚠ WARNING**

- Seat belts work for everyone, including pregnant women. Pregnant women should use the available seat belts. This will reduce the likelihood of injury to both the woman and the unborn child. The lap belt should be worn across the thighs and as snug against the hips as possible, but not across the waist. Consult your doctor if you have any additional questions or concerns.

## Seat belt pre-tensioner system and force limiter system

E00405701769

The driver's seat and front passenger's seat each have a seat belt equipped with a pre-tensioner system and force limiter system.

### Pre-tensioner system

E00405802725

When the ignition switch or the operation mode is under the following conditions, if there is a frontal impact or a side impact (vehicles equipped with front seat-mounted side SRS airbags and curtain SRS airbags) severe enough to injure the driver and/or front

passenger, the pre-tensioner system will retract their respective seat belts instantaneously, thus maximizing the seat belt's effectiveness.

[Except for vehicles equipped with the keyless operation system]

The ignition switch is in the "ON" or "START" position.

[Vehicles equipped with the keyless operation system]

The operation mode is in ON.

### **⚠ WARNING**

- To obtain the best results from your pre-tensioner seat belt, make sure you have adjusted your seat correctly and wear your seat belt properly.

### **⚠ CAUTION**

- Installation of audio equipment or repairs in the vicinity of the pre-tensioner seat belts or floor console must be performed by an authorised MITSUBISHI MOTORS dealer. It is important to do so because the work could affect the pre-tensioner systems.
- If you need to scrap the vehicle, please consult an authorised MITSUBISHI MOTORS dealer. It is important to do so because unexpected activation of the pre-tensioner seat belts could cause injuries.

4

## Child restraint

4

### NOTE

- The pre-tensioner seat belts will be activated if the vehicle suffers a severe impact, even if the seat belts are not worn.
- The pre-tensioner seat belts are designed to work only once. After the pre-tensioner seat belts have been activated, they must be replaced by an authorised MITSUBISHI MOTORS dealer.

### SRS warning

E00405901455

The same warning lamp is shared by the SRS airbags and the pre-tensioner seat belts. Refer to “SRS warning lamp” on page 4-32.

### Force limiter system

E00406001248

In the event of a collision, each force limiter system will effectively absorb the load applied to the seat belt so as to minimize the impact to the passenger.

### Child restraint

E00406404243

When transporting children in your vehicle, some type of child restraint system should always be used according to the size of the

child. This is required by law in most countries.

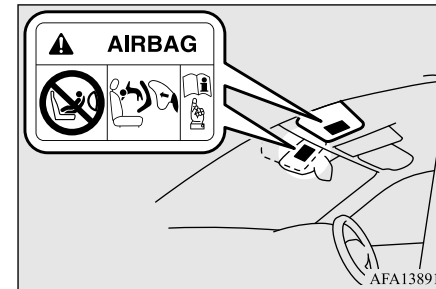
The regulations concerning driving with children in the front seat may differ from country to country. You are advised to comply with the relevant regulations.

### WARNING

- When possible, put children in the rear seat. Accident statistics indicate that children of all sizes and ages are safer when properly restrained in the rear seat rather than in the front seat. (Double cab)
- Holding a child in your arms is no substitute for a restraint system. Failure to use a proper restraint system can result in severe or fatal injury to your child.
- Each child restraint device or fixing is to be used only by one child.
- When attaching a child restraint system to the rear seat, prevent the front seatbacks from touching the child’s feet and child restraint system.  
If the child’s feet or the child restraint system touches the front seatback, slide the front seat forward to a position where it does not touch, or raise the seatback. Otherwise, the child could be seriously injured in the event of hard braking or a collision. (Double cab)

### Caution for installing the child restraint on vehicle with front passenger SRS airbag

The label shown here is attached on vehicles with front passenger SRS airbag.



### WARNING

- Extreme Hazard!  
NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.

Use rearward facing child restraints in the rear seat (Double cab) or turn off the front passenger SRS airbag cut-off switch (Single cab and Club cab).

Refer to “To turn an airbag off” on page 4-26.



**WARNING**

- A REARWARD FACING CHILD RESTRAINT must NOT be used in the front passenger seat if the front passenger SRS airbag has not been deactivated. (Single cab and Club cab)  
The force of an inflating airbag could kill or cause serious injuries to the child. A rearward facing child restraint must only be used in the rear seat. (Double cab)
- A REARWARD FACING CHILD RESTRAINT must NOT be used in the front passenger seat when driver's visibility is obstructed (Single cab and Club cab).

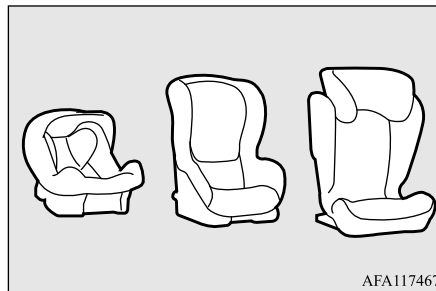
**WARNING**

- A FORWARD FACING CHILD RESTRAINT should be used in the rear seat (Double cab) whenever possible; if it must be used in the front passenger seat, adjust the seatback angle to five steps rearward from the most upright position (Single cab, Club cab and Double cab) and turn off the front passenger SRS airbag cut-off switch (Single cab and Club cab). Failure to do so could kill or cause serious injuries to the child.

### Infants and small children

E00406602544

When transporting infants and small children in your vehicle, follow the instruction given below.



### Instruction:

- For small infants, an infant carrier should be used. For small children whose height when seated allows the shoulder belt to lie in contact with the face or the throat, a child seat should be used.
- The child restraint system should be appropriate for your child's weight and height and properly fit the vehicle. For a higher degree of safety: THE CHILD RESTRAINT SYSTEM SHOULD BE INSTALLED IN THE REAR SEAT. (Double cab)
- Before purchasing a child restraint system, try installing it in the seat to make sure there is a good fit. Because of the location of the seat belt buckles and the shape of the seat cushion, it may be difficult to securely install some manufacturer's child restraint systems.  
If the child restraint system can be pulled forward or to either side easily on the seat cushion after the seat belt has been tightened, choose another manufacturer's child restraint system.

4

**⚠ WARNING**

- When installing a child restraint system, refer to the instructions provided by the manufacturer of the restraint system. Failure to do so can result in severe or fatal injury to your child.
- After installation, push and pull the child restraint system back and forth, and side to side, to see that it is positively secured. If the child restraint system is not installed securely, it may cause injury to the child or other occupants in the case of accident or sudden stops.
- When the child restraint system is not in use, keep your child restraint system secured with the seat belt or remove it from the vehicle in order to prevent it from being thrown around inside the vehicle during an accident.

### Older children

E00406701333

Children who have outgrown the child restraint system should be seated in the seat and wear combination lap shoulder belt.

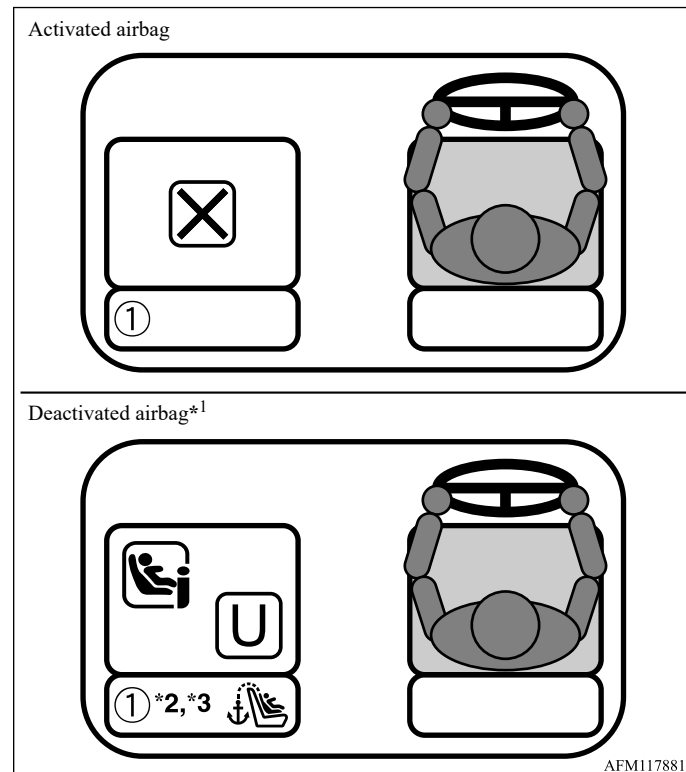
The lap portion of the belt should be snug and positioned low on the abdomen so that it is below the top of the hip-bone. Otherwise, the belt could intrude into the child's abdomen during an accident and cause injury.





Selecting the child restraint system for each seating position

E00416100030

Single cab and Club cab

4



-  Suitable for “universal” category child restraint system that can be secured using the vehicle’s seat belts
-  Suitable for i-Size and ISOFIX child restraint system
-  Not suitable for a child restraint system
-  This seat is equipped with a top tether anchor

- \*1: With front passenger SRS airbag deactivated by means of front passenger SRS airbag cut-off switch.
- \*2: When installing a child restraint system, remove the head restraint from the seat. However, do not remove the head restraint when installing a booster cushion (see page 4-17, 4-21).
- \*3: When installing a child restraint system on the front passenger seat, adjust the seatback angle to five steps rearward from the most upright position and adjust the seat slide to its most rearward position. However, when installing a junior seat on the front passenger seat, if the seat belt shoulder anchor is ahead of the child restraint system’s belt guide, slide the front passenger seat forward (see page 4-21).



Child restraint

**⚠ WARNING**

● When installing a child restraint system on the front passenger seat, confirm that the OFF indicator of the front passenger SRS airbag indicator is lit.

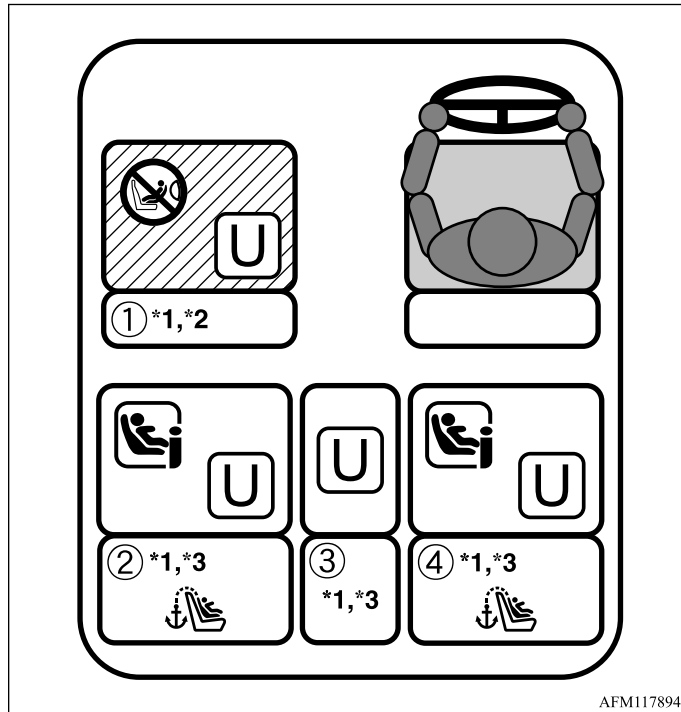
**4**

Category	Seating Position	
	①	
	Front passenger	
	Activated airbag	Deactivated airbag* <sup>1</sup>
Seating position suitable for universal belted (Yes/No)	No	Yes* <sup>2</sup>
Seating position suitable for i-Size and ISOFIX (Yes/No)	No	Yes
Seating position suitable for lateral fixture (L1/L2)	No	No
Largest suitable rearward facing fixture (R1/R2/R2X/R3)	No	R3
Largest suitable forward facing fixture (F2/F2X/F3)	No	F3
Largest suitable booster fixture (B2/B3)	No	B3






\*1. With front passenger SRS airbag deactivated by means of front passenger SRS airbag cut-off switch.

\*2. Rearward facing child restraint and forward facing child restraint system can only be installed when the front passenger SRS airbag system is deactivated.

Double cab



AFM117894

-  Suitable for “universal” category child restraint system that can be secured using the vehicle’s seat belts
-  Suitable for i-Size and ISOFIX child restraint system
-  Suitable for forward facing child restraint system only
-  Rearward facing child restraint system must not be installed
-  This seat is equipped with a top tether anchor

4

- \*1: When installing a child restraint system, remove the head restraint from the seat. However, do not remove the head restraint when installing a booster cushion (see page 4-17, 4-21).
- \*2: When installing a child restraint system on the front passenger seat, adjust the seatback angle to five steps rearward from the most upright position and adjust the seat slide to its most rearward position. However, when installing a junior seat on the front passenger seat, if the seat belt shoulder anchor is ahead of the child restraint system’s belt guide, slide the front passenger seat forward (see page 4-21).
- \*3: When installing a child restraint system on the rear seat, slide the front seat forward, and adjust the front seatback angle or adjust the driver’s seat height to prevent the front seat from touching the child’s feet and child restraint system.

Child restraint

**4**

Category	Seating Position			
	①	②	③	④
	Front passenger	Rear (left)	Rear (centre)	Rear (right)
Seating position suitable for universal belted (Yes/No)	Yes*	Yes	Yes	Yes
Seating position suitable for i-Size and ISOFIX (Yes/No)	No	Yes	No	Yes
Seating position suitable for lateral fixture (L1/L2)	No	No	No	No
Largest suitable rearward facing fixture (R1/R2/R2X/R3)	No	R3	No	R3
Largest suitable forward facing fixture (F2/F2X/F3)	No	F3	No	F3
Largest suitable booster fixture (B2/B3)	B3	B3	B3	B3

\*: Only a forward facing child restraint system can be installed.

**Installing a child restraint system to the lower anchorage (ISOFIX child restraint mountings) and tether anchorage**

E00406902576

**Lower anchorage location**

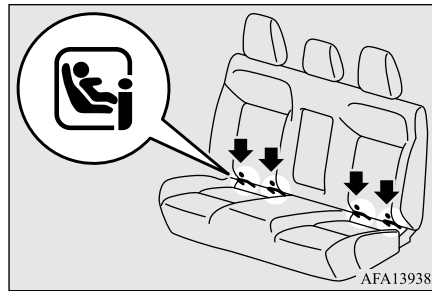
**■ Single cab and Club cab**

Your vehicle's front passenger seat is fitted with lower anchorages for attaching a child restraint system with ISOFIX mountings.



**■ Double cab**

Your vehicle's rear seat is fitted with lower anchorages for attaching a child restraint system with ISOFIX mountings.

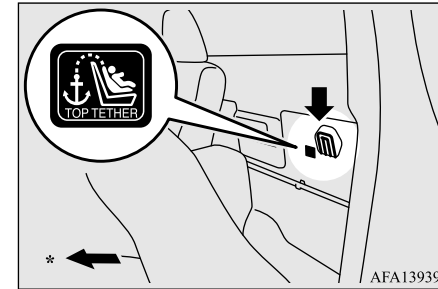


**Tether anchorage location**

Your vehicle has one child restraint anchorage point. This is for securing a child restraint system tether strap to each of the one (Single cab and Club cab) or two (Double cab) seating positions in your vehicle.

**■ Single cab**

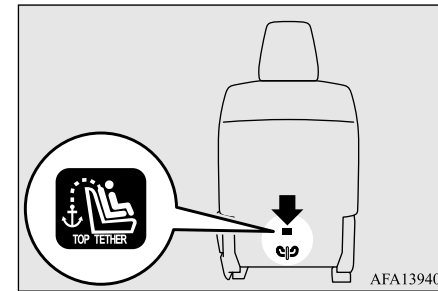
One child restraint anchorage point is built into the vehicle and is located on the vertical panel behind the front passenger seatback.



\*: Front of the vehicle

**■ Club cab**

There is one child restraint anchorage point on the back side of the front passenger seat.



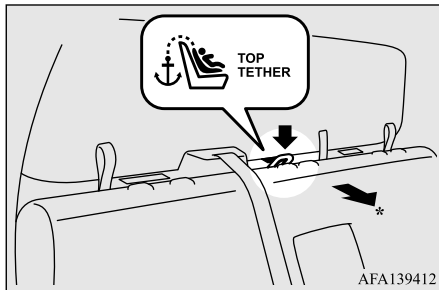
4

## Child restraint

### ■ Double cab

One child restraint anchorage point is built into the vehicle and is located behind the rear seatback.

4



\*: Front of the vehicle

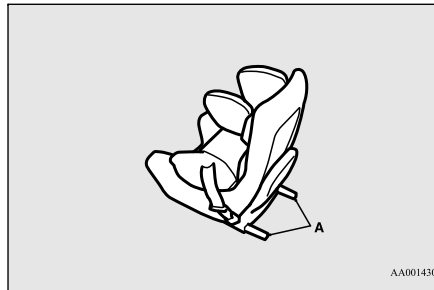
#### **⚠ WARNING**

- Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses or for attaching other items or equipment to the vehicle.

### Child restraint system with ISO-FIX mountings

The child restraint system is designed only for seats that incorporate lower anchorages. Retain the child restraint system using the lower anchorages.

It is not necessary to retain the child restraint system using the vehicle's seat belts.



A: Child restraint system connectors

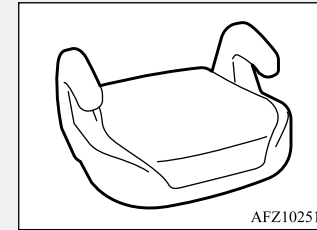
### To install

1. Remove any foreign material in or around the connectors and ensure the vehicle seat belt is in its normal storage position.
2. Remove the head restraint from the location in which you wish to install a child restraint system.

Refer to "Head restraints" on page 4-4.

#### **⚠ CAUTION**

- Do not remove the head restraint when installing a booster cushion.

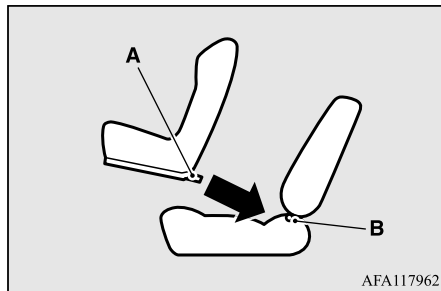


3. When installing a child restraint system in the front passenger seat, adjust the seat-back angle to five steps rearward from the most upright position, adjust the seat slide to its most rearward position and turn off the front passenger SRS airbag cut-off switch. (Single cab and Club cab)

#### **⚠ WARNING**

- When installing a child restraint system on the front passenger seat, confirm that the OFF indicator of the front passenger SRS airbag indicator is lit. Refer to "Front passenger SRS airbag indicator (Single cab and Club cab)" on page 4-25.

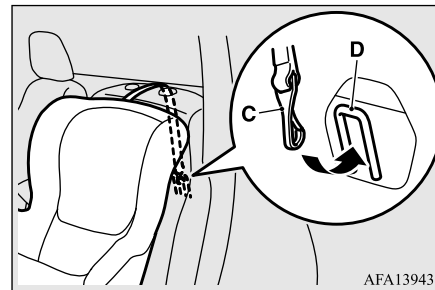
4. Push the child restraint system's connectors (A) into the lower anchorages (B) in accordance with the instructions provided by the child restraint system's manufacturer.



A: Connector  
B: Lower anchorage

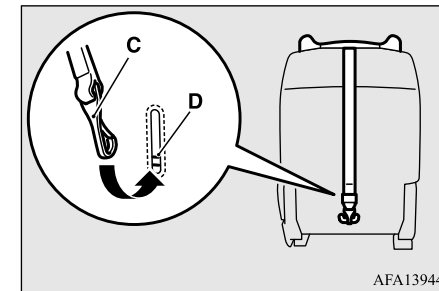
[Single cab]

Slide the seat forward, latch the tether strap hook (C) of the child restraint system to the tether anchor bar (D), adjust the seat slide to its most rearward position, and then tighten the top tether strap hook so it is securely fastened.



[Club cab]

Latch the tether strap hook (C) of the child restraint system to the tether anchor bar (D) and tighten the top tether strap hook so it is securely fastened.



4

If your child restraint system has a support leg, make sure that there is a support leg at the stable position on the floor.

If your child restraint system requires the use of a tether strap, fasten the tether strap in accordance with step 5.

5. Latch the top tether strap hook of the child restraint system to the tether anchor bar.

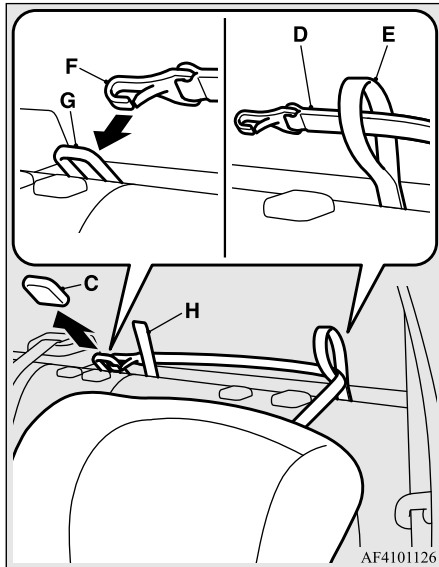
## Child restraint

4

[Double cab]

Remove the rear centre head restraint (refer to “Head restraints” on page 4-4) and the cap (C), and then pass the tether strap (D) through the band (E) loop. Latch the tether strap hook (F) of the child restraint system to the tether anchor bar (G) and tighten the top tether strap hook so it is securely fastened.

Then, install the rear centre head restraint.



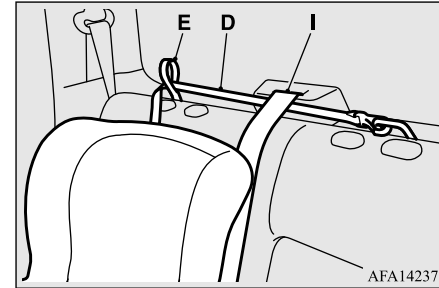
### CAUTION

- Do not attach the tether strap hook (F) directly through the tether anchor bar (G) behind the rear centre seat.
- The tether anchor bar (G) is for installing the child restraint system. Do not hook other things on it.
- The band (H) is for folding forward the rear seatback. Do not use the band (H) when securing a child restraint system.

### NOTE

- When installing a child restraint system on the rear centre seat, do not use the tether anchor bar (G).
- When the band (E) is hidden behind the seatback, pull it out.

On the rear right side outboard seating position, route the tether strap (D) through the band (E) loop and under the centre shoulder belt (I).



6. Push and pull the child restraint system in all directions to be sure it is secure.

### To remove

Remove the child restraint system in accordance with the instructions provided by the child restraint system’s manufacturer.

### NOTE

- When the child restraint system is removed, cover the tether anchor bar (G) with the cap (C). (Double cab)

## Installing a child restraint system to a 3-point type seat belt (with emergency locking mechanism)

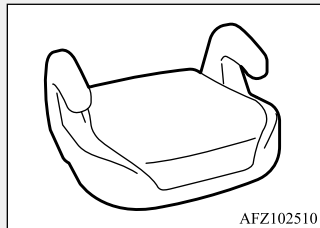
E00407102416

### To install

1. Put a child restraint system on the seat in which you wish to install it, and remove the head restraint from the seat. Refer to “Head restraints” on page 4-4.

#### CAUTION

- Do not remove the head restraint when installing a booster cushion.



AFZ102510

2. When installing a child restraint system on the front passenger seat, adjust the seatback angle to five steps rearward from the most upright position, adjust the seat slide to its most rearward position (Single cab, Club cab and Double cab) and turn off the front passenger SRS airbag cut-off switch (Single cab and Club cab).

#### WARNING

- When installing a child restraint system on the front passenger seat, confirm that the OFF indicator of the front passenger SRS airbag indicator is lit. (Single cab and Club cab)  
Refer to “Front passenger SRS airbag indicator (Single cab and Club cab)” on page 4-25.
- A rearward facing child restraint must not be used in the front passenger seat as it places an infant too close to the front passenger SRS airbag. The force of an inflating airbag could kill or cause serious injuries to the child. A rearward facing child restraint must only be used in the rear seat. (Double cab)

3. Route the belt through the child restraint according to the child restraint system manufacturer’s instructions, then insert the latch plate into the buckle.

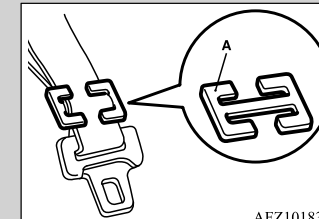
4. Remove all slack of a lap belt by pulling the webbing through the belt’s adjustment feature.  
3-point type seat belt requires no length adjustment, remove all slack by using the locking clip.

#### WARNING

- For some type of child restraint, the locking clip (A) should be used to help avoid personal injury during a collision or sudden manoeuvre.

It must be fitted and used in accordance with the child restraint manufacturer’s instructions.

The locking clip must be removed when the child restraint is removed.



AFZ101832

5. If your child restraint system has a support leg, make sure that there is a support leg at the stable position on the floor.
6. Before putting the child in the restraint, push and pull the restraint in all directions to be sure it is secure. Do this before each use.

4

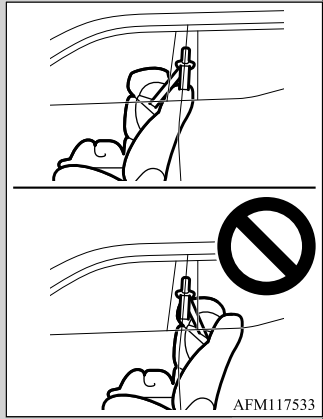


## Seat belt inspection

4

### **⚠ WARNING**

- When installing a junior seat on the front passenger seat, if the seat belt shoulder anchor is ahead of the child restraint system's belt guide, slide the front passenger seat forward.



### **To remove**

Remove the plate from the buckle, then remove the seat belt from the child restraint system.

### **Seat belt inspection**

E00406302059

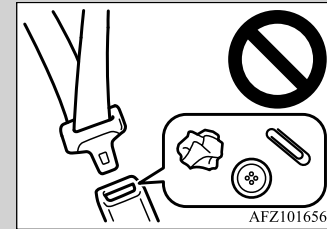
Check the belts for cuts, worn or frayed webbing and for cracked or deformed metallic parts. Replace the belt assembly if defective.

### **⚠ WARNING**

- We recommend you to have all seat belt assemblies including retractors and attaching hardware inspected after any collision. We recommend that seat belt assemblies in use during a collision be replaced unless the collision was minor and the belts show no damage and continue to operate properly.
- Do not attempt to repair or replace any part of the seat belt assemblies; we recommend you to have this work done by an authorised MITSUBISHI MOTORS dealer. Incorrect repair or replacement could reduce the effectiveness of the belts and could result in serious injury in the event of a collision.
- Once the pre-tensioner has activated, it cannot be re-used. It must be replaced together with the retractor.

### **⚠ WARNING**

- Do not insert any foreign objects (pieces of plastic, paper clips, buttons, etc.) in the buckle or retractor mechanism. In addition, do not modify, remove, or install the seat belt. Otherwise, the seat belt may not be able to provide adequate protection in a collision or other situation.



- A dirty belt should be cleaned with neutral detergent in warm water. After rinsing in water, let it dry in the shade. Do not attempt to bleach or re-dye the belts because this affects their characteristics.

### **Supplemental Restraint System (SRS)-airbag**

E00407203977

The information for SRS airbags includes important information concerning the driver and front passenger SRS airbags, the driver SRS knee airbag, the front seat-mounted side SRS airbags and the curtain SRS airbags.

## Supplemental Restraint System (SRS)-airbag

The driver and front passenger SRS airbags are designed to supplement the primary protection of the driver and front passenger side seat belt systems by providing those occupants with protection against head and chest injuries in certain moderate-to-severe frontal collisions.

The driver SRS knee airbag is designed to supplement the primary protection of the driver's seat belt system. It can reduce the forward movement of the driver's lower legs and provide increased overall body protection in certain moderate-to-severe frontal collisions.

The front seat-mounted side SRS airbags (if so equipped) are designed to supplement properly worn seat belts and provide the driver and front passenger with protection against chest injuries in certain moderate-to-severe side impact collisions.

The curtain SRS airbags (if so equipped) are designed to supplement properly worn seat belts and provide the driver and passenger with protection against head injuries in certain moderate-to-severe side impact collisions.

The SRS is NOT a substitute for the seat belts. To ensure the maximum protection during all types of collisions and accidents, all

occupants, including the passengers as well as the driver, must wear their seat belts.

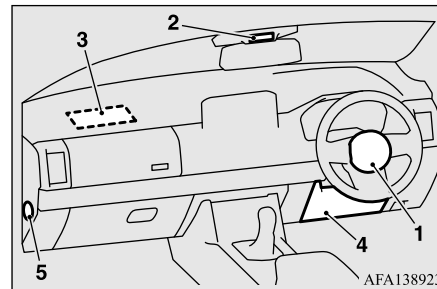
### NOTE

- The emergency call system (e-CALL) (if so equipped) is designed to operate when any of airbags deploy or severe collision occurs. Refer to "Emergency call system (e-CALL)" on page 8-2.

### How the Supplemental Restraint System works

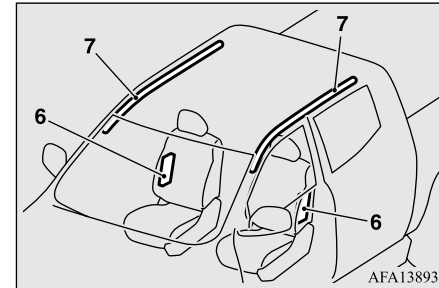
E00407303835

The SRS includes the following components:



- 1- Driver SRS airbag module
- 2- Front passenger SRS airbag indicator (Single cab and Club cab)
- 3- Front passenger SRS airbag module
- 4- Driver SRS knee airbag module

- 5- Front passenger SRS airbag cut-off switch (Single cab and Club cab)



- 6- Front seat-mounted side SRS airbag modules\*
- 7- Curtain SRS airbag modules\*

Only when the ignition switch or the operation mode is under the following conditions, the airbags will operate.

[Except for vehicles equipped with the keyless operation system]

The ignition switch is in the "ON" or "START" position.

[Vehicles equipped with the keyless operation system]

The operation mode is in ON.

The airbags deployment produces a sudden, loud noise, and releases some smoke and powder, but these conditions are not injurious, and do not indicate a fire in the vehicle.

4

## Supplemental Restraint System (SRS)-airbag

People with respiratory problems may feel some temporary irritation from chemicals used to produce the deployment; open the windows after airbag deployment, if safe to do so.

4

The airbags deflate very rapidly after deployment, so there is little danger of obscured vision.

### **CAUTION**

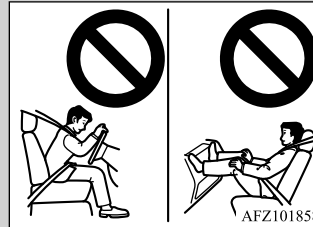
- Airbags inflate at an extremely rapid speed. In certain situations, contact with inflating airbags can result in abrasions, bruises, light cuts, and the like.

### **WARNING**

- **IT IS VERY IMPORTANT TO BE PROPERLY SEATED.**  
A driver or front passenger too close to the steering wheel or instrument panel during airbag deployment can be killed or seriously injured.  
Airbags inflate very fast, and with great force.  
If the driver and front passenger are not properly seated and restrained, the airbags may not protect you properly, and could cause serious or fatal injuries when they inflate.

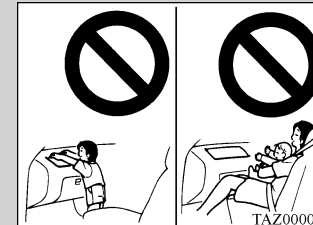
### **WARNING**

- Do not sit on the edge of the seat, or sit with your lower legs too close to the instrument panel, or lean head or chest close to the steering wheel or instrument panel. Do not put feet or legs on or against the instrument panel.
- Place all infants and small children in the rear seat and properly restrained using an appropriate child restraint system. The rear seat is the safest for infants and children. (Double cab)



### **WARNING**

- Infants and small children should never be unrestrained, stand up against the instrument panel or held in your arms or on your lap. They could be seriously injured or killed in a collision, including when the airbag inflates. They should be properly seated in an appropriate child restraint system. Refer to “Child restraint” on page 4-10.

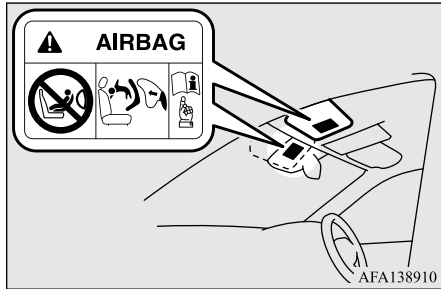


- Older children should be seated, properly wearing the seat belt, with an appropriate booster seat if needed.

### **Caution for installing the child restraint on vehicle with front passenger SRS airbag**

E00408802713

The label shown here is attached on vehicles with front passenger SRS airbag.



**WARNING**

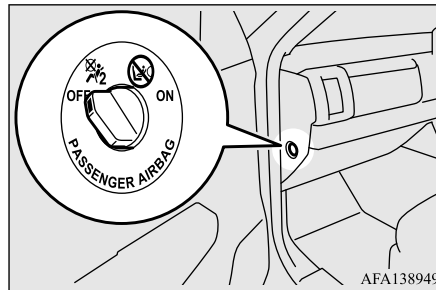
- **Extreme Hazard!**  
NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.

### Front passenger SRS airbag cut-off switch (Single cab and Club cab)

E00410101602

The front passenger SRS airbag cut-off switch can be used to disable the front passenger SRS airbag. If you have a child restraint system that cannot be fitted to any seat other than the front passenger seat, be sure to turn OFF the front passenger SRS airbag cut-off switch before using it.

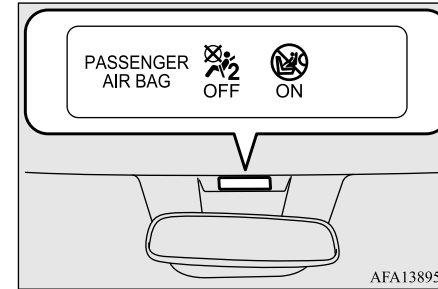
Refer to “To turn an airbag off” on page 4-26. Front passenger SRS airbag cut-off switch is located as shown in the illustration.



### Front passenger SRS airbag indicator (Single cab and Club cab)

E00410201704

The front passenger SRS airbag indicator is located as shown in the illustration.



The both indicator normally comes on when the ignition switch is turned to the “ON” position or the operation mode is put in ON, and goes off approximately 7 seconds later. When the front passenger SRS airbag cut-off switch is turned OFF, the OFF indicator will stay on to show that the front passenger SRS airbag is not operational. When the front passenger SRS airbag cut-off switch is turned ON, the OFF indicator goes off, and the ON indicator comes on for approximately 70 seconds to show that the front passenger SRS airbag is operational.

**WARNING**

- Do not fit any accessory that makes the indicator impossible to see, and do not cover the indicator with a sticker. You would not be able to verify the status of the front passenger SRS airbag system.

### To turn an airbag off

E00412301389

4

#### **WARNING**

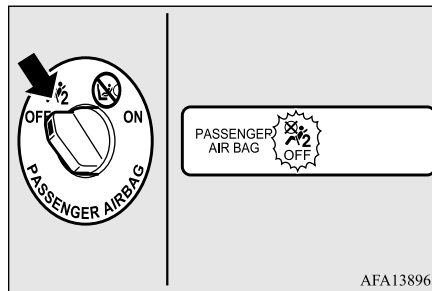
- To reduce risk of serious or fatal injury:
  - Always turn the ignition switch to the “LOCK” position or put the operation mode in OFF, before operating the front passenger SRS airbag cut-off switch. Failure to do so could adversely affect the airbag performance.
  - Wait at least 60 seconds to operate the front passenger SRS airbag cut-off switch after turning the ignition switch to the “LOCK” position or putting the operation mode in OFF. The SRS airbag system is designed to retain enough voltage to deploy the airbag.
  - Do not turn OFF the front passenger SRS airbag cut-off switch except when a child restraint system is fitted to the front passenger seat.
  - If the OFF indicator does not come on when the front passenger SRS airbag cut-off switch is turned OFF, do not fit a child restraint system to the front passenger seat. We recommend you to have the system inspected by an authorised MITSUBISHI MOTORS dealer.

#### **WARNING**

- If the OFF indicator remains on when the front passenger SRS airbag cut-off switch is turned ON, do not allow anyone to sit on the front passenger seat. We recommend you to have the system inspected by an authorised MITSUBISHI MOTORS dealer.

To turn an airbag off, follow these steps:

1. Turn the front passenger SRS airbag cut-off switch to the “OFF” position.
2. Turn the ignition switch to the “ON” position or put the operation mode in ON. The front passenger SRS airbag indicator lamp will stay on.



AFA138965

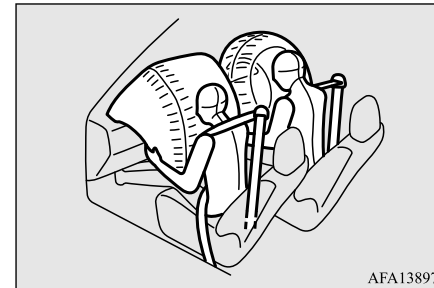
The front passenger SRS airbag is now deactivated and will not deploy until switched on again.

### Driver and front passenger SRS airbag system

E00407402259

The driver SRS airbag is located under the padded cover in the middle of the steering wheel. The front passenger SRS airbag is contained in the instrument panel above the glove box.

The driver SRS airbag and the front passenger SRS airbag are designed to inflate at the same time even if the passenger seat is not occupied.



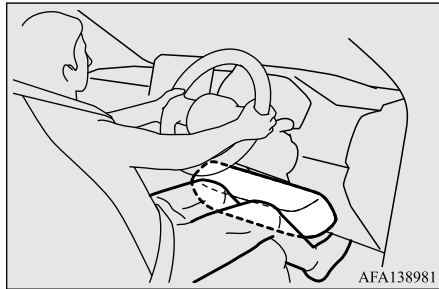
AFA138978

### Driver SRS knee airbag system

E00412401410

The driver SRS knee airbag is located under the steering wheel. The driver SRS knee airbag is designed to deploy at the same time as the driver SRS airbag.

## Supplemental Restraint System (SRS)-airbag

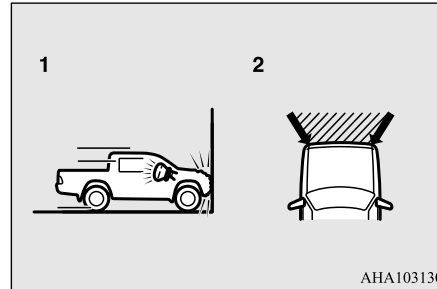


### Deployment of front SRS airbags and driver SRS knee airbag

E00407503026

### The front SRS airbags and driver SRS knee airbag ARE DESIGNED TO DEPLOY when...

The front SRS airbags and driver SRS knee airbag are designed to deploy when the vehicle suffers a moderate to severe frontal impact. The typical condition is shown in the illustration.



- 1- Head-on collision with a solid wall at speed of approximately 25 km/h or higher
- 2- Moderate to severe frontal impact within the shaded area between the arrows

The front SRS airbags and driver SRS knee airbag will deploy if the severity of impact is above the designed threshold level, comparable to an approximately 25 km/h collision when impacting straight into a solid wall that does not move or deform. If the severity of the impact is below the above threshold level, the front SRS airbags and driver SRS knee airbag may not deploy. However, this threshold speed will be considerably higher if the vehicle strikes an object that absorbs the impact by either deforming or moving (for example, another stationary vehicle, pole or a guardrail).

Because frontal collisions can easily move you out of position, it is important to always properly wear your seat belts. Your seat belts will help keep you a safe distance from the steering wheel and instrument panel during the initial stages of airbag deployment. The initial stage of airbag inflation is the most forceful, and can possibly cause serious or fatal injuries. Moreover, the seat belts in your vehicle are your primary means of protection in a collision. The SRS airbags are designed to provide additional protection. Therefore, for your safety and the safety of all occupants, be sure to always properly wear your seat belts.

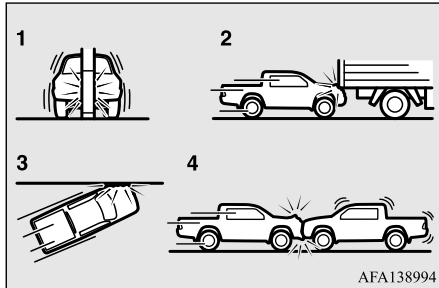
### The front SRS airbags and driver SRS knee airbag MAY NOT DEPLOY when...

With certain types of frontal collisions, the vehicle's body structure is designed to absorb the shock to help protect the occupants from harm. (The vehicle body's front area may deform significantly as it absorbs the impact.) Under such circumstances, the front SRS airbags and driver SRS knee airbag may not deploy irrespective of the deformation and damage to the vehicle body. Examples of some typical conditions are shown in the illustration.

4

## Supplemental Restraint System (SRS)-airbag

4



- 1- When colliding with a utility pole, tree or other narrow object.
- 2- Vehicle slides under the rear body of a truck
- 3- Oblique frontal impacts
- 4- Striking a vehicle of the same class that is parked

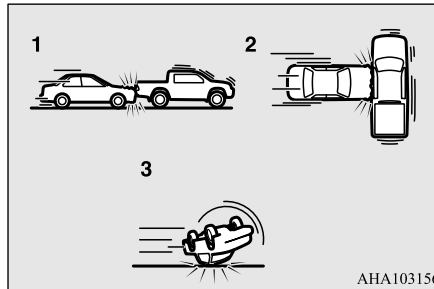
Because the front SRS airbags and driver SRS knee airbag do not protect the occupant in all types of frontal collisions, be sure to always properly wear your seat belts.

### **The front SRS airbags and driver SRS knee airbag ARE NOT DESIGNED TO DEPLOY when...**

The front SRS airbags and driver SRS knee airbag are not designed to deploy in conditions where they cannot typically provide protection to the occupant.

4-28 Seat and seat belts

Such conditions are shown in the illustration.



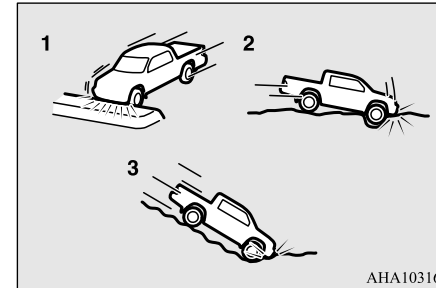
- 1- Rear end collisions
- 2- Side collisions
- 3- Vehicle rolls onto its side or roof

Because the front SRS airbags and driver SRS knee airbag do not protect the occupant in all types of collisions, be sure to always properly wear your seat belts.

### **The front SRS airbags and driver SRS knee airbag MAY DEPLOY when...**

The front SRS airbags and driver SRS knee airbag may deploy if the bottom of the vehicle suffers a moderate to severe impact (undercarriage damage).

Examples of some typical conditions are shown in the illustration.

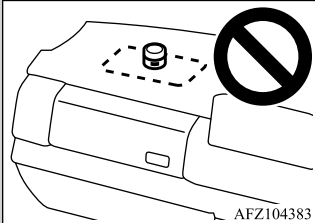


- 1- Collision with an elevated median/island or kerb
- 2- Vehicle travels over a deep hole/pothole
- 3- Vehicle drives down a steep slope and hits the ground

Because the front SRS airbags and driver SRS knee airbag may deploy in certain types of unexpected impacts as shown in the illustration that can easily move you out of position, it is important to always properly wear your seat belts. Your seat belts will help keep you a safe distance from the steering wheel and instrument panel during the initial stages of airbag deployment. The initial stage of airbag inflation is the most forceful and can possibly cause serious or fatal injuries if you contact it at this stage.

**⚠ WARNING**

- Do not attach anything to the steering wheel's padded cover, such as badges or accessories. It might strike and injure an occupant if the airbag inflates.
- Do not set anything on, or attach anything to, the instrument panel above the glove box. It might strike and injure an occupant if the airbag inflates.

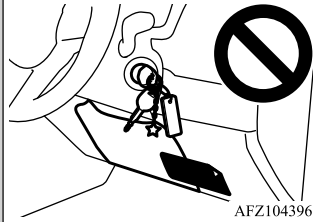


AFZ104383

- Do not attach accessories to, or put them in front of, the windscreen. These objects could restrict the airbag inflation, or strike and injure an occupant if the airbags inflate.
- Do not attach additional keys or accessories (hard, pointed or heavy objects) to the ignition key. Such objects could prevent the driver SRS knee airbag from inflating normally or could be propelled to cause serious injury if the airbag inflates.

**⚠ WARNING**

- Do not attach accessories to the lower portion of the driver's side instrument panel. Such objects could prevent the driver SRS knee airbag from inflating normally or could be propelled to cause serious injury if the airbag inflates.



AFZ104396

- Do not put packages, pets or other objects between the airbags and the driver or front passenger. It could affect airbag performance, or could cause injury when the airbag inflates.
- Right after the airbag inflation, several airbag system components will be hot. Do not touch these components. There is a danger of being burnt.
- The airbag system is designed to work only once. Once the airbags have deployed, they will not work again. They must promptly be replaced and we recommend you to have the entire airbag system inspected by an authorised MITSUBISHI MOTORS dealer.

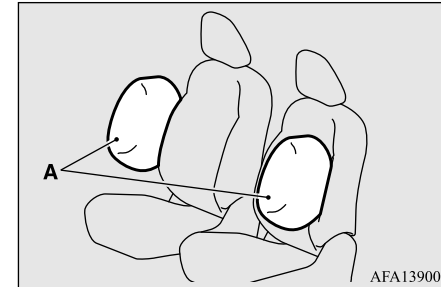
### Front seat-mounted side SRS airbag system\*

E00407602192

**4**

The front seat-mounted side SRS airbags (A) are contained in the driver and front passenger seatbacks.

The front seat-mounted side SRS airbag is designed to inflate only on the side of the vehicle that is impacted, even with no passenger in the front seat.

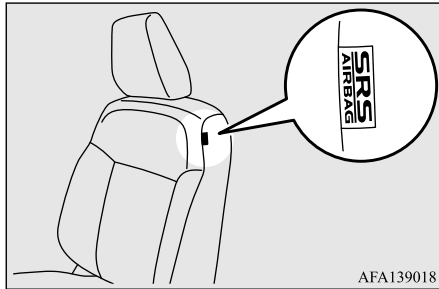


The label shown here is attached to the seatbacks with a front seat-mounted side SRS airbag.



## Supplemental Restraint System (SRS)-airbag

4



### Deployment of front seat-mounted side SRS airbags and curtain SRS airbags

E00407702920

#### The front seat-mounted side SRS airbags and curtain SRS airbags ARE DESIGNED TO DEPLOY when...

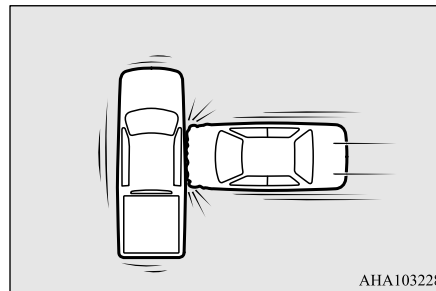
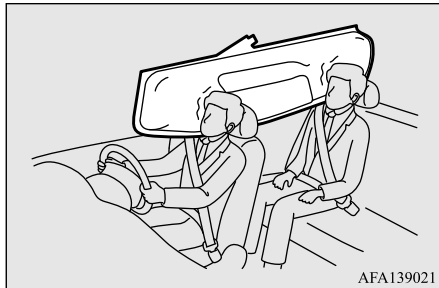
The front seat-mounted side SRS airbags and curtain SRS airbags are designed to deploy when the vehicle suffers a moderate to severe side impact to the middle of the passenger compartment.

The typical condition is shown in the illustration.

### Curtain SRS airbag system\*

E00409102218

The curtain SRS airbags are contained in the roof side rail. The curtain SRS airbag is designed to inflate only on the side of the vehicle that is impacted, even with no passenger in the front seat or rear seat.

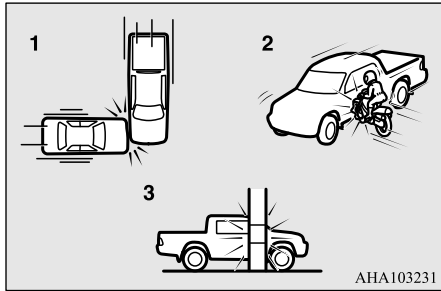


The seat belts in your vehicle are your primary means of protection in a collision. The front seat-mounted side SRS airbags and curtain SRS airbags are designed to provide additional protection. Therefore, for your safety and the safety of all occupants, be sure to always properly wear your seat belts.

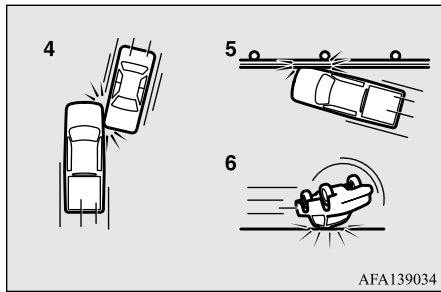
#### The front seat-mounted side SRS airbags and curtain SRS airbags MAY NOT DEPLOY when...

With certain types of side collisions, the vehicle's body structure is designed to absorb the shock to help protect the occupants from harm. (The vehicle body's side area may deform significantly as it absorbs the impact.) Under such circumstances, the front seat-mounted side SRS airbags and curtain SRS airbags may not deploy irrespective of the deformation and damage to the vehicle body. Examples of some typical conditions are shown in the illustration.

Supplemental Restraint System (SRS)-airbag



- 1- Side impacts in an area away from the passenger compartment
- 2- Motorcycle or other similar small vehicle collides with the side of vehicle
- 3- Collision with a utility pole, tree or other narrow object

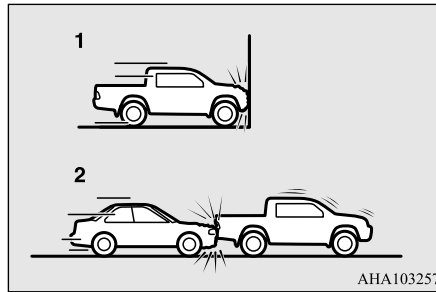


- 4- Oblique side impacts
- 5- A frontal offset impact to the guardrails
- 6- Vehicle rolls onto its side or roof

Because the front seat-mounted side SRS airbags and curtain SRS airbags do not protect the occupant in all types of side collisions, be sure to always properly wear your seat belts.

**The front seat-mounted side SRS airbags and curtain SRS airbags ARE NOT DESIGNED TO DEPLOY when...**

The front seat-mounted side SRS airbags and curtain SRS airbags are not designed to deploy in conditions where they cannot usually provide protection to the occupant. Typical conditions are shown in the illustration.





- 1- Head-on collisions
- 2- Rear end collisions

Because the front seat-mounted side SRS airbags and curtain SRS airbags do not protect

the occupant in all types of collisions, be sure to always properly wear your seat belts.

**⚠ WARNING**

- The front seat-mounted side SRS airbags and curtain SRS airbags are designed to supplement the driver and passenger seat belts in certain side impacts. Seat belts should always be worn properly, and the driver and passenger should sit well back and upright without leaning against the window or door.
- The front seat-mounted side SRS airbag and curtain SRS airbag inflate with great force. The driver and passenger should not put their arms out the window, and should not lean against the door, in order to reduce risk of serious or possible fatal injury from the deploying front seat-mounted side SRS airbag and curtain SRS airbag.

AFZ102594

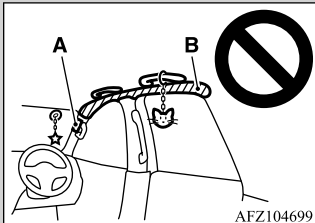
4

**⚠ WARNING**

- Do not allow any rear seat occupant to hold onto the seatback of either front seat, in order to reduce risk of injury from the deploying front seat-mounted side SRS airbag. Special care should be taken with children (Double cab).
- Do not place any objects near or in front of the seatback of either front seat. They could interfere with proper front seat-mounted side SRS airbag inflation, and also could cause injury if thrown free by front seat-mounted side SRS airbag deployment.
- Do not place stickers, labels or additional trim on the seatback of either front seat. They could interfere with proper front seat-mounted side SRS airbag inflation.
- Do not install seat covers on seats with front seat-mounted side SRS airbags. Do not re-cover seats that have front seat-mounted side SRS airbags. This could interfere with proper front seat-mounted side SRS airbag inflation.

**⚠ WARNING**

- Do not attach a microphone (A) or any other device or object around the part where the curtain SRS airbags (B) activate such as on the windscreen, side door glass, front and rear pillars and roof side or assist grips. When the curtain SRS airbags inflate, the microphone or other device or object will be hurled with great force or the curtain SRS airbags may not activate correctly, resulting in death or serious injury.



AFZ104699

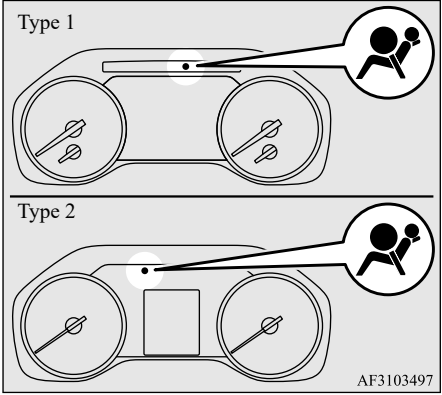
- Do not allow the child to lean against or close to the front door even if the child is seated in a child restraint system. The child's head should also not be leaned against or be close to the area where the front seat-mounted side SRS airbag and curtain SRS airbag are located. It is dangerous if the front seat-mounted side SRS airbag and curtain SRS airbag inflate. Failure to follow all of these instructions could lead to serious or fatal injury to the child.

**⚠ WARNING**

- We recommend work around and on the front seat-mounted side SRS airbags and curtain SRS airbags system to be done by an authorised MITSUBISHI MOTORS dealer.

**SRS warning lamp**

E00407803524



There is a Supplemental Restraint System (“SRS”) warning lamp on the instrument cluster. The system checks itself every time the ignition switch is turned to the “ON” position or the operation mode is put in ON. The SRS warning lamp will come on for approximately 7 seconds and then go out.

This is normal and means the system is working properly.

If there is a problem involving one or more of the SRS components, the warning lamp will come on and stay on.

The SRS warning lamp is shared by the SRS airbag and the seat belt pre-tensioner system.

**⚠ WARNING**

- If any of the following conditions occur, there may be a problem with the SRS airbags and/or seat belt pre-tensioners, and they may not function properly in a collision or may suddenly activate without a collision:
  - Even when the ignition switch is in “ON” position or the operation mode is in ON, the SRS warning lamp does not come on or it remains on.
  - The SRS warning lamp comes on while driving.

The SRS airbags and seat belt pre-tensioners are designed to help reduce the risk of serious injury or death in certain collisions. If either of the above conditions occurs, immediately have your vehicle checked by an authorised MITSUBISHI MOTORS dealer.

**SRS servicing**

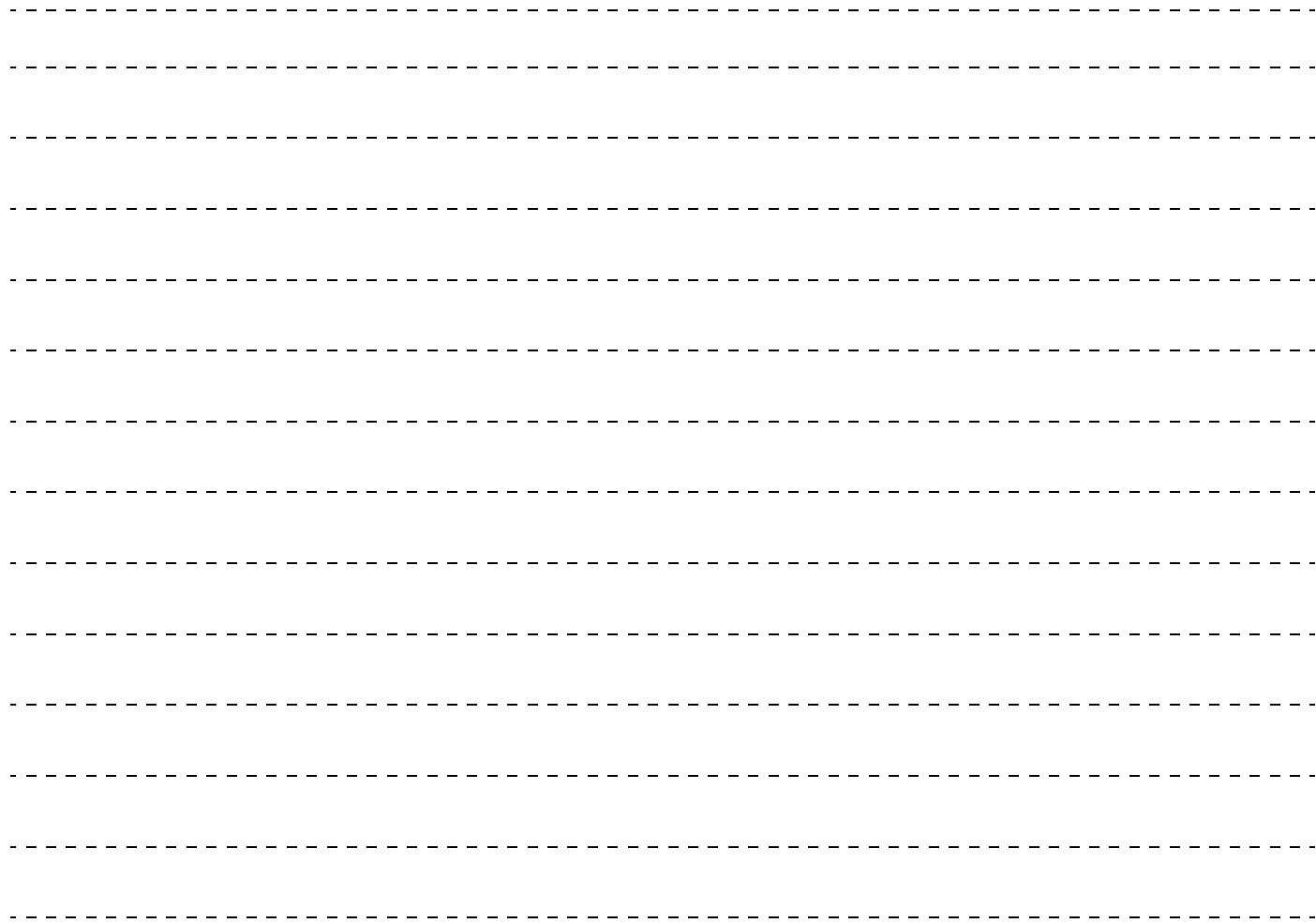
E00407903033

**⚠ WARNING**

- We recommend any maintenance performed on or near the components of the SRS to be performed by an authorised MITSUBISHI MOTORS dealer. Improper work on the SRS components or wiring could result in inadvertent deployment of the airbags, or could render the SRS inoperative; either situation could result in serious injury.
- Do not modify your steering wheel, seat belt retractor or any other SRS components. For example, replacement of the steering wheel, or modifications to the front bumper or body structure can adversely affect SRS performance and lead to possible injury.
- If your vehicle has received any damage, we recommend you to have the SRS inspected to ensure it is in proper working order.
- On vehicles with the front seat-mounted side SRS airbag, do not modify your front seats and centre pillar. It can adversely affect SRS performance and lead to possible injury.
- If you found any tear, scratch, crack or damage to the portion where the airbag is stored, you should have the SRS inspected by an authorised MITSUBISHI MOTORS dealer.

**📖 NOTE**

- If your vehicle has to be scrapped, do this in line with local legislation and contact an authorised MITSUBISHI MOTORS dealer to safely dismantle the airbag system.

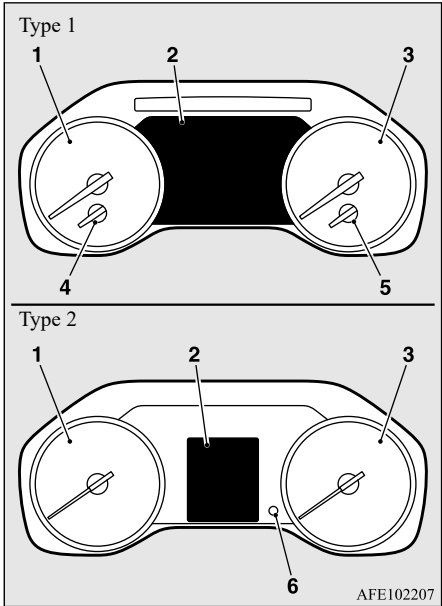


## *Instruments and controls*

Instruments .....	5-2
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**Instruments**

E00500103343



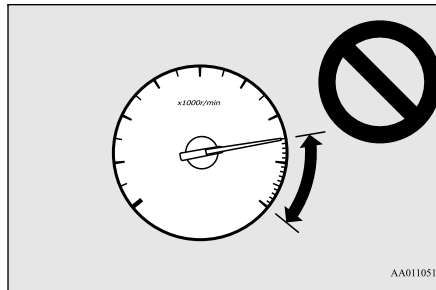
1- Tachometer

The tachometer indicates the engine speed (r/min). The tachometer can help you obtain more economical driving and also warns you of excessive engine speeds (Red zone).

- 2- Multi-information display (Type 1: Colour liquid crystal display type) → P.5-3  
Information screen display list (Type 1) → P.5-24  
Multi-information display (Type 2: Mono-colour liquid crystal display type) → P.5-16
- 3- Speedometer (km/h)
- 4- Engine coolant temperature gauge (Type 1) → P.5-3
- 5- Fuel gauge (Type 1) → P.5-3
- 6- Multi-information display switch (Type 2) → P.5-17

**CAUTION**

- When driving, watch the tachometer to make sure that the engine speed indication does not rise into the red zone (excessive engine r/min).

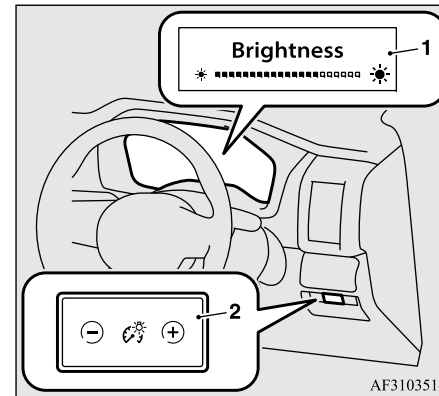


**Meter illumination control - Type 1**

E00531301855

The instrument brightness control switch can be operated when the operation mode is in ON.

Press the + side of the switch to raise the brightness level of the instruments.  
Press the - side of the switch to lower the brightness level of the instruments.



- 1- Brightness level
- 2- Instrument brightness control switch

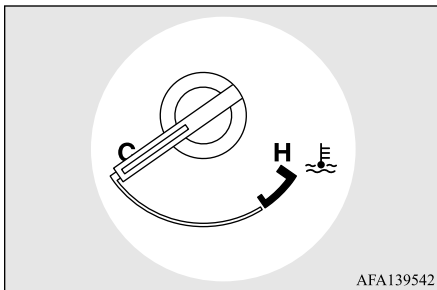
**NOTE**

- You can adjust to 22 different levels respectively for when the position lamps are illuminated and when they are not.
- If the vehicle is equipped with the automatic lamp control, when the lamp switch is in the "AUTO" position, the meter illumination switches automatically to the adjusted brightness, depending on the brightness outside the vehicle.
- The brightness level of the instruments is stored when the operation mode is put in OFF.

**Engine coolant temperature gauge - Type 1**

E00532800023

The engine coolant temperature gauge indicates the engine coolant temperature when the operation mode is in ON.



AFA139542

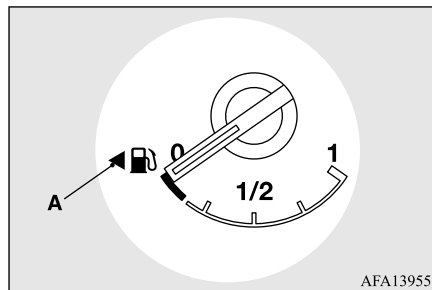
**CAUTION**

- If the indication needle enters the H zone while the engine is running, it indicates that the engine is possibly overheating. Immediately park your vehicle in a safe place and take the necessary measures. Refer to "Engine overheating" on page 8-5. While driving, care should always be taken to maintain the normal operating temperature.

**Fuel gauge - Type 1**

E00500702049

The fuel gauge indicates the fuel level in the fuel tank when the operation mode is in ON.



AFA139555

- 1- Full
- 0- Empty

**CAUTION**

- Do not drive with an extremely low fuel level; running out of fuel could cause damage to the fuel system.

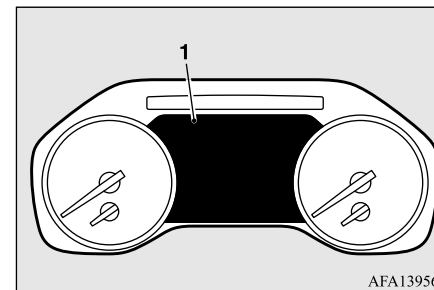
**NOTE**

- When the vehicle has been refuelled, the pointer in the fuel gauge takes a short while to stabilize.
- The fuel gauge will not give an accurate indication if the vehicle is refuelled with the operation mode in ON.
- The arrow (A) indicates that the fuel tank filler door is located on the left side of the body.

**5**

**Multi-information display - Type 1**

E00519903901



AFA139568



## Multi-information display - Type 1

The multi-information display (1) is located as shown above, and it displays the warnings and information. The following items are also displayed if the vehicle is equipped with them:

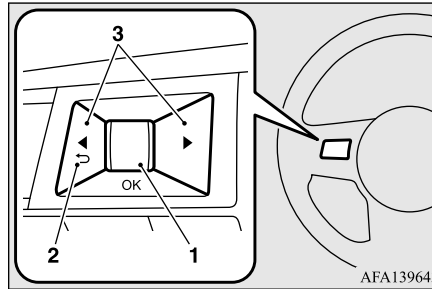
**5**

- Speedometer
- Vehicle settings
- Trip computer information
- Driver assistance
- Cruise control system information
- Keyless operation key operation information
- Audio information
- Navigation turn-by-turn distance
- Indicators and warnings
- Other information

### How to use the multi-information display

E00532900024

The multi-information display can be changed using the buttons scroll dial (1),  $\Rightarrow$  (2),  $\blacktriangleleft$  and  $\blacktriangleright$  (3) located on the steering wheel.



- 1- Scroll dial: rotate to navigate through the items and press to change or select an item in multi-information display
- 2-  $\Rightarrow$  : go back to the previous menu
- 3-  $\blacktriangleleft$   $\blacktriangleright$  : change from one display screen to the next (i.e. Home display, Drive information display)

### Startup display

E00533000064

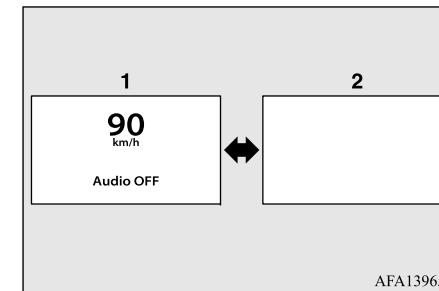
When the operation mode is in ON, the multi-information display may display the following screens if the vehicle is equipped with them:

- Home display
- Drive information display — Average speed-Trip (distance & time)-Fuel economy
- Vehicle information display

- Compass or navigation display
- Audio display
- Driver assistance display
- Warnings display
- Settings display

Warnings will only display if there are any present. For more information on warnings and indicators, refer to “Information screen display list” on page 5-25.

### Home display

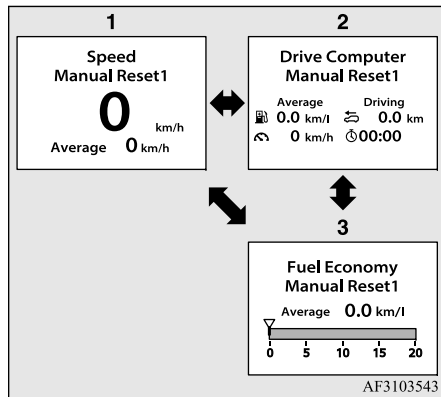


- 1- Speedometer
- 2- No display

### NOTE

- Depending on the equipment and its operating status, pop-up displays such as for audio and navigation information may appear in addition to the speedometer.

**Drive information display**



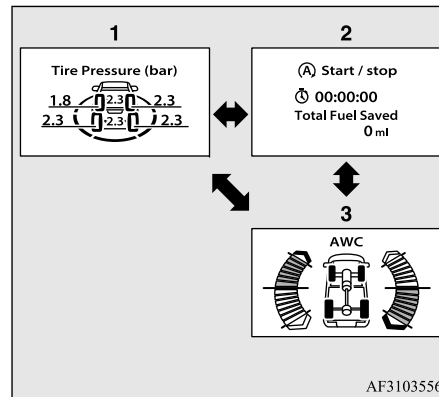
- 1- Speed and average speed → P.5-15
- 2- Drive computer → P.5-15
- 3- Fuel economy display → P.5-16

Press the scroll dial to switch the screen in the order of “Manual Reset1”, “Manual Reset2”, and “Auto Refuel”.

To reset “Manual Reset1”, “Manual Reset2”, press and hold the scroll dial while the screen you want to reset is displayed.

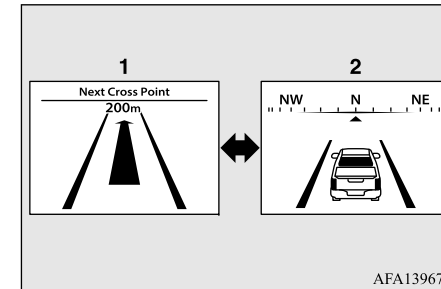
Then, select the item you want to reset from the “Reset” menu, and press the scroll dial again. When the reset screen is displayed, select “Yes”, and press the scroll dial again to reset the item.

**Vehicle information display**



- 1- Tyre pressure\* → P.5-16
- 2- Auto Stop & Go (AS&G) monitor → P.5-8
- 3- 2WD/4WD operation display\* → P.6-44
- Rear differential lock indicator display\* → P.6-50
- AWC operation display → P.5-16

**Compass or navigation display\***



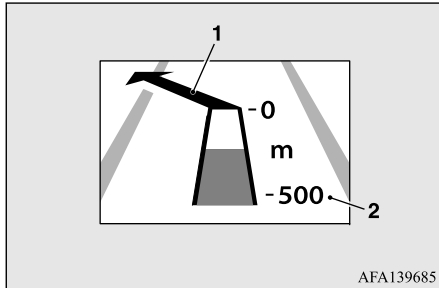
- 1- Navigation turn-by-turn distance, distance to the destination and time, next intersection name will be displayed.
- 2- Navigation direction (compass) is displayed.

On vehicles equipped with the Smartphone-link Display Audio (SDA) navigation system, the following information on navigation will be displayed when guidance location such as junction and destination is approached after you set the destination and started the route guidance.

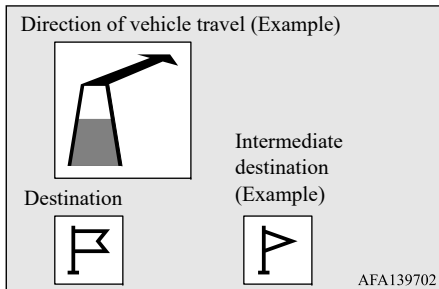
**5**

## Multi-information display - Type 1

5



- 1- Guidance display  
Display the direction of vehicle travel and the guidance location.

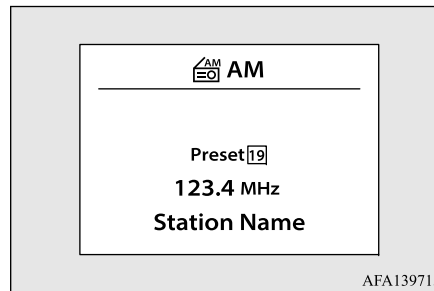


- 2- Remaining distance display  
Display the distance to the location where the guidance is displayed.

### NOTE

- If navigation is not activated, the turn by turn screen will be blank.
- Please read this section and also the separate owner's manual for the SDA navigation system.

### Audio display\*

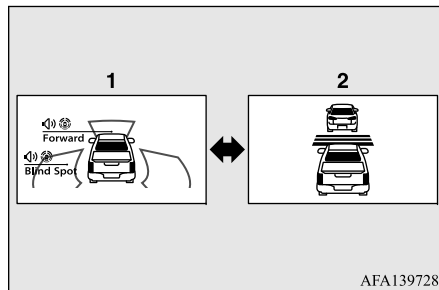


Audio source information, channel/radio station name, song title/artist name, etc. are displayed.

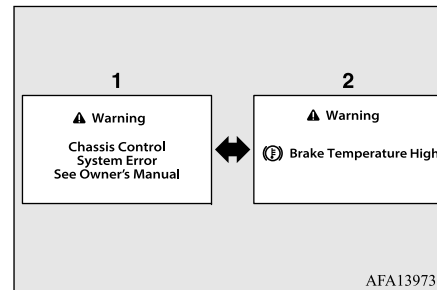
### NOTE

- Screen display varies depending on audio usage situation.  
[Vehicles equipped with the SDA navigation system]  
When a cellular phone is connected to the SDA navigation system via Bluetooth®, the incoming call display or call display appears instead of the audio display when receiving a call or during a call.

Bluetooth® is a registered trademark of BLUETOOTH SIG, INC.

**Driver assistance display**

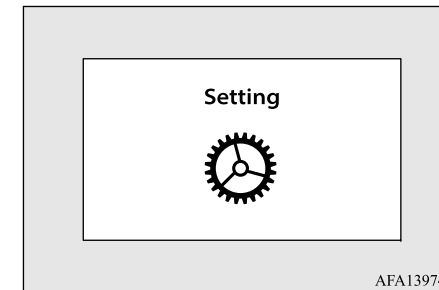
- 1- Driver assistance  
The ON/OFF status of each driver assistance system is displayed. Press the scroll dial to display the driver assistance system settings menu screen. Each system can be turned ON/OFF on the settings menu.  
Forward Collision Mitigation system (FCM) display\* → P.6-87  
Blind Spot Warning (BSW) display\* → P.6-103
- 2- Adaptive Cruise Control System (ACC) display\* → P.6-73

**Warning display**

- 1- When a warning occurs
- 2- When another warning occurs

**NOTE**

- When multiple warnings occur simultaneously, all warnings can be displayed by rotating the scroll dial.

**Setting display**

The following functions can be set.

- ASC Setting → P.5-9
- Driver Assistance → P.5-9
- ECO Mode Setting → P.5-10
- TPMS Setting\* → P.5-10
- Clock → P.5-11
- Vehicle Settings → P.5-11
- Maintenance → P.5-13
- Customise Display → P.5-14
- Unit/Language → P.5-14
- Key- Linked Settings\* → P.5-14
- Factory Reset → P.5-15

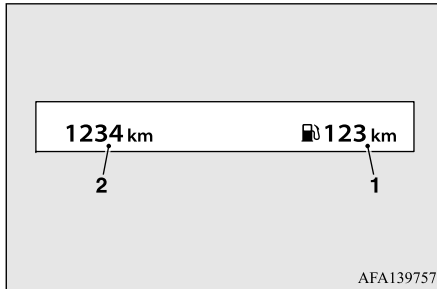
**CAUTION**

- For safety, stop the vehicle before operating. You cannot change the setting while driving.

## Multi-information display - Type 1

### Distance to empty/Odometer

E00533100036



5

### Distance to empty

The distance to empty (1) provides you with an estimation of the distance that can be driven before refuelling. The distance to empty is constantly being calculated, based on the amount of fuel in the fuel tank and the actual fuel consumption. The display is updated every 30 seconds.

The distance to empty mode includes a low range warning feature. If the fuel level is low, the warning is displayed on the screen. When the fuel level drops even lower, the distance to empty display will change to “— —”.

- If the amount of fuel added is small, the display just before the operation mode is put in OFF may continue to be displayed.
- When driving uphill or rounding curves, the fuel in the tank shifts, which may momentarily change the display.

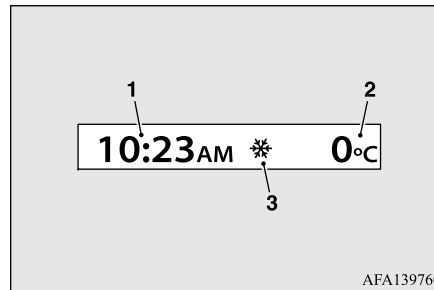
### Odometer

The odometer (2) is displayed in the multi-information display.

The odometer displays the total distance the vehicle has been driven.

### Clock and outside air temperature

E00538500022



The clock (1) and outside air temperature (2) are displayed on the upper side of the multi-information display.

### Clock

For clock adjustment, refer to “Clock” on page 5-11 or the separate owner’s manual.

### Outside air temperature (°C or °F)

The outside air temperature is displayed in °C or °F in the range of -40 to 60 °C.

The outside air temperature mode includes a low temperature warning feature. If the outside air temperature is below 3 °C, the warning (3) is displayed.

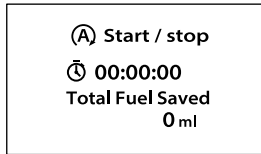
The outside temperature sensor is located in front of the radiator. The sensor may be affected by road or engine heat, wind directions and other driving conditions. The display may differ from the actual outside temperature or the temperature displayed on various signs or billboards.

### Auto Stop & Go (AS&G) monitor

E00531101299

The accumulated time the engine has been stopped by Auto Stop & Go (AS&G) system is displayed. The approximate amount of fuel saved by the AS&G system is also displayed. Press and hold the scroll dial to reset the value.

Refer to “Auto Stop & Go (AS&G) system” on page 6-23.



### Settings

E00533200024

Starting with the ON/OFF setting for the driver assistance system, you can perform actions such as clock adjustment and alarm settings.

Refer to “How to use the multi-information display” on page 5-4.

### ASC Setting

E00534900028

To change the setting, use the scroll dial to select and press it.

- System  
This allows you to turn the Active Stability & Traction Control (ASTC) ON or OFF. By default the ASTC will be turned ON. If the ASTC is turned OFF, the ASTC OFF indicator lamp will illuminate.

Refer to “Active Stability & Traction Control (ASTC)” on page 6-69.

### NOTE

- The vehicle should be driven with the ASTC ON for most driving conditions.

### Driver Assistance

E00535000071

To change the status, warnings or turn on or off any of the systems/warnings displayed in the “Driver Assistance” menu, use the scroll dial to select and change a menu item. The displayed menu items vary depending on the vehicle’s equipment.

- Blind Spot
- Emergency Brake
- Parking Sensors
- Rear Cross Traffic Alert
- Timer Alert
- Low Temp. Alert

### Blind Spot

### Warning (BSW)

Allows user to turn the Blind Spot Warning (BSW) ON/OFF. Refer to “Blind Spot Warning (BSW) (with Lane Change Assist

(LCA))” on page 6-103.

### Emergency Brake

[Except for vehicles equipped with the Emergency Assist for Pedal Misapplication (EAPM)]

Allows user to turn the Forward Collision Mitigation system (FCM) ON/OFF.

Refer to “Forward Collision Mitigation system (FCM)” on page 6-87.

[Vehicles equipped with the Emergency Assist for Pedal Misapplication (EAPM)]

### Front

Allows user to turn the Forward Collision Mitigation system (FCM) ON/OFF.

Refer to “Forward Collision Mitigation system (FCM)” on page 6-87.

### Pedal Misapplication

Allows user to turn the Emergency Assist for Pedal Misapplication (EAPM) ON/OFF.

Refer to “Emergency Assist for Pedal Misapplication (EAPM)” on page 6-93.

## Multi-information display - Type 1

### ■ Parking Sensors

To change the status or turn on or off any of the systems displayed in the “Parking Sensors” menu, use the scroll dial to select and change a menu item:

**5**

- Moving Object  
Press the scroll dial to turn the Moving Object Detection (MOD) ON/OFF.
- Auto Show Sonar  
Allows user to turn the parking sensor system display ON/OFF.
- Front  
Allows user to turn the front sensor ON/OFF.
- Rear  
Allows user to turn the rear sensor ON/OFF.
- Distance  
Allows user to select the sensor range (Long, Medium or Short).
- Volume  
Allows user to select the volume of the tone sound (High, Medium or Low).

Refer to “Moving Object Detection (MOD)” on page 6-137.

Refer to “Parking sensors (Front/rear)” on page 6-111.

### ■ Rear Cross Traffic Alert

Allows user to turn the Rear Cross Traffic Alert system ON/OFF.

Refer to “Rear Cross Traffic Alert (RCTA)” on page 6-108.

### ■ Timer Alert

Allows user to adjust the Timer Alert or reset.

- Current Time/Set Time
- Reset

Refer to “Other interrupt displays” on page 5-33.

### ■ Low Temp. Alert

Allows user to turn the Low Temperature Alert function ON/OFF.

Refer to “Clock and outside air temperature” on page 5-8.

### ECO Mode Setting

E00535100027

This setting allows you to change the ECO mode system settings.

To change the status or turn on or off any of the systems displayed in the “ECO Mode Setting” menu, use the scroll dial to select and

change a menu item. The displayed menu items vary depending on the vehicle’s equipment.

- ECO Customize
  - Cruise Control
  - Auto Stop & Go
  - Air Conditioning
- ECO Drive Assist
  - ECO Indicator
  - ECO Drive Report

### ● View History

To reset the View History

1. Select “View History” using the scroll dial and press it.
2. Press the scroll dial.
3. Select “Yes” by pressing the scroll dial.

### TPMS setting\*

E00535200028

The settings under the “TPMS setting” menu is related to the Tyre Pressure Monitoring System (TPMS).

Refer to “Tyre Pressure Monitoring System (TPMS)” on page 6-116.

- Target Front

- Target Rear
- Tyre Pressure Unit
- Calibrate

### ■ Tyre Pressure Unit

The unit for tyre pressure that displays in the multi-information display can be changed to:

- psi
- kPa
- bar
- kgf/cm<sup>2</sup>

Use the scroll dial to select and change the unit.

If necessary, refer to the following table to convert between units.

kPa	psi	bar	kgf/cm <sup>2</sup>
200	29	2.0	2.0
210	30	2.1	2.1
220	32	2.2	2.2
230	33	2.3	2.3
240	35	2.4	2.4
250	36	2.5	2.5
260	38	2.6	2.6
270	39	2.7	2.7
280	41	2.8	2.8

kPa	psi	bar	kgf/cm <sup>2</sup>
290	42	2.9	2.9
300	44	3.0	3.0
310	45	3.1	3.1
320	46	3.2	3.2
330	48	3.3	3.3
340	49	3.4	3.4
350	51	3.5	3.5
360	52	3.6	3.6
370	54	3.7	3.7
380	55	3.8	3.8
390	57	3.9	3.9
400	58	4.0	4.0
410	59	4.1	4.1
420	61	4.2	4.2
430	62	4.3	4.3
440	64	4.4	4.4
450	65	4.5	4.5
460	67	4.6	4.6
470	68	4.7	4.7
480	70	4.8	4.8
490	71	4.9	4.9
500	73	5.0	5.0

### Clock

E00535300029

Allows user to adjust the clock settings and time within the multi-information display. The available items vary depending on the vehicle's equipment.

- Display
- Clock Format
- Summer Time
- Time Zone
- Set Clock Manually

The clock may also be set in the centre (audio) display. On vehicles equipped with the SDA navigation system, for additional information, refer to the separate owner's manual.

### Vehicle Settings

E00535400059

The vehicle settings allows the customer to change settings for the following settings if the vehicle is equipped with them. The displayed menu items vary depending on the vehicle's equipment.

- Lighting
- Locking
- Wiper
- Mirrors



## Multi-information display - Type 1

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The vehicle settings can be changed using the scroll dial.

### ■ Lighting

The “Lighting” menu has the following options:

**5**

#### ● Welcome Light

The welcome light function can be set to be ON or OFF. From the “Lighting” menu, select “Welcome Light”. Use the scroll dial to turn this feature ON or OFF.

#### ● Auto Room Lamp

The interior lamp auto-cutout function can be set to be ON or OFF. From the “Lighting” menu, select “Auto Room Lamp”. Use the scroll dial to turn this feature ON or OFF.

#### ● Mood Lighting

The brightness of the Mood Lighting can be adjusted. From the “Lighting” menu, select “Mood Lighting”. Use the scroll dial to select the brightness.

### ■ Locking

There are the following options in the “Locking” menu:

- Ext. Door Switch

When this item is turned on, the driver’s door lock/unlock switch and the front passenger’s door lock/unlock switch are activated. From the “Locking” menu, select “Ext. Door Switch”. Use the scroll dial to activate or deactivate this function.

#### ● Selective Unlock

When this item is turned on, and the driver’s or front passenger’s door lock/unlock switch is pressed, only the corresponding door is unlocked. All the doors can be unlocked if the driver’s or front passenger’s door lock/unlock switch is pressed again within 2 seconds. When this item is turned to off, all the doors will be unlocked when the driver’s or front passenger’s door lock/unlock switch is pressed once.

From the “Locking” menu, select “Selective Unlock”. Use the scroll dial to activate or deactivate this function.

#### ● Auto Door Unlock

The “Auto Door Unlock” feature allows the customer to customise the auto door unlock options.

- Shift to P
- IGN OFF
- OFF

### ■ Wiper

There are the following options in the “Wiper” menu:

#### ● Speed Sensing

The “Speed Sensing Wiper” feature can be activated or deactivated. From the “Wiper” menu, select “Speed Sensing”. Use the scroll dial to turn this feature ON or OFF.

#### ● Auto Wipe

The “Auto Wipe” feature can be activated or deactivated. From the “Wiper” menu, select “Auto Wipe”. Use the scroll dial to turn this feature ON or OFF.

#### ● Intelligent Washer

The “Intelligent Washer” wiper feature can be set to be ON or OFF. From the “Wiper” menu, select “Intelligent Washer”. Use the scroll dial to turn this feature ON or OFF.

### ■ Mirrors

There are the following options in the “Mirrors” menu:

#### ● Auto Fold Off

Turns the outside rear-view mirrors automatic retraction/extension feature OFF.

#### ● Unfold at Ignition

Turns the outside rear-view mirrors automatic retraction/extension feature ON. The mirrors are set to extend when the operation mode is put in ON.

- Unfold at Unlock

Turns the outside rear-view mirrors automatic retraction/extension feature ON. The mirrors are set to extend when the doors are unlocked using the key switches or the keyless operation function of the keyless operation system. The mirrors also extend when the operation mode is put in ON.

Refer to “Retracting and extending the outside mirrors” on page 6-9.

## Maintenance

E00535500021

The maintenance mode allows you to set alerts for the reminding of maintenance intervals. The displayed menu items vary depending on the vehicle’s equipment. To change an item:

Select “Maintenance” using the scroll dial and press it.

- Oil Control System
- Tyre
- Other

### ■ Oil Control System

This displays the estimated remaining distance until the next engine oil change.

You can reset the distance for changing the engine oil.

Refer to “Oil control system” on page 6-21.

### ■ Tyre

This indicator appears when the customer set distance comes for replacing tyres. You can set or reset the distance for replacing tyres.

## ⚠ WARNING

- **The tyre replacement indicator is not a substitute for regular tyre checks, including tyre pressure checks. Refer to “Replacing tyres and wheels” on page 10-14. Many factors including tyre inflation, alignment, driving habits and road conditions affect tyre wear and when tyres should be replaced. Setting the tyre replacement indicator for a certain driving distance does not mean your tyres will last that long.**

Use the tyre replacement indicator as a guide only and always perform regular tyre checks.

Failure to perform regular tyre checks, including tyre pressure checks could result in tyre failure. Serious vehicle damage could occur and may lead to a collision, which could result in serious personal injury or death.

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### ■ Other

This indicator appears when the customer set distance comes for checking or replacing maintenance items other than the engine oil and tyres. Other maintenance items can include such things as air filter or tyre rotation.

You can set or reset the distance for checking or replacing the items.

## Customise Display

E00535600064

The display settings allows you to choose from the various meter selections. The displayed menu items vary depending on the vehicle's equipment.

The display settings can be changed using the scroll dial.

5

### ■ Contents Selection

Displays available screens that can be shown in the multi-information display.

The available items vary depending on the vehicle's equipment.

### ■ Alert(s)

This menu allows user to turn the Navigation Settings ON or OFF.

### ■ Cruise Screen

The "Cruise Screen" allows you to turn the cruise screen transition on or off.

### ■ Welcome Effect

The "Welcome Effect" displays the available welcome effect settings.

- Animation

### ■ Operation Guidance

The "Operation Guidance" displays the available light and wiper guidance settings.

The available items vary depending on the vehicle's equipment.

- Lights
- Wiper

### Unit/Language

E00535700023

The units that are shown in the multi-information display can be changed. The displayed menu items vary depending on the vehicle's equipment.

- Distance/Fuel
- Tyre Pressure
- Temperature
- Language

Use the scroll dial to select and change the units of the multi-information display.

### ■ Distance/Fuel

The unit for the mileage that displays in the multi-information display can be changed.

Use the scroll dial to select and change the unit.

### ■ Tyre Pressure

The unit for tyre pressures that displays in the multi-information display can be changed. Refer to "TPMS Setting" on page 5-10.

### ■ Temperature

The temperature that displays in the multi-information display can be changed from:

- °C
- °F

Use the scroll dial to toggle choices.

### ■ Language

The language of the multi-information display can be changed.

Use the scroll dial to select and change the language of the multi-information display.

### Key-Linked Settings\*

E00536900022

This setting allows you to set the key linked function of the driver memory setting to your keyless operation key.

## Factory Reset

E00535800024

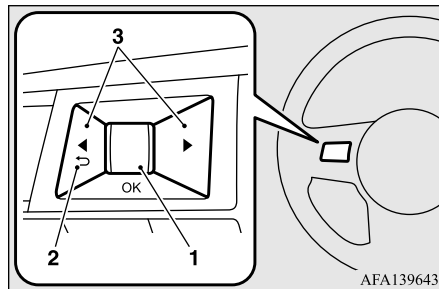
The settings in the multi-information display can be reset back to the factory default. To reset the multi-information display:

1. Select "Factory Reset" using the scroll dial and press it.
2. Select "YES" and press the scroll dial to return all settings back to default.

## Trip computer

E00535900025

Switches for the trip computer are located on the left side of the steering wheel.

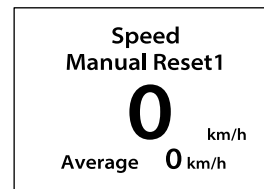


- 1- Scroll dial: navigate through the items and change or select an item in multi-information display
- 2- : go back to the previous menu

- 3- : change from one display screen to the next (i.e. Drive information display, Vehicle information display)

## Speed and average speed

E00536000023



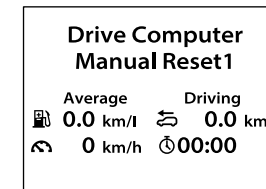
The speed and average speed mode shows the current vehicle speed and the average vehicle speed since the last reset.

The speed and average speed mode has three modes of operation. You can press the scroll dial to switch between "Manual Reset1", "Manual Reset2" or "Auto Refuel".

"Manual Reset1" or "Manual Reset2" can be reset only manually by using the scroll dial. "Auto Refuel" will be reset automatically each time when refuelling.

## Drive computer

E00536100024



### ■ Average fuel consumption

The average fuel consumption shows the average fuel consumption since the last reset.

### ■ Average speed

The average speed shows the average vehicle speed since the last reset.

### ■ Trip odometer

The trip odometer shows the total distance the vehicle has been driven since the last reset.

### ■ Elapsed time

The elapsed time shows the time since the last reset.

## Multi-information display - Type 2

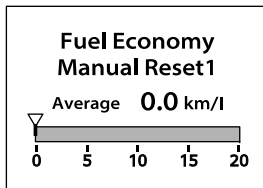
The drive computer mode has three modes of operation. You can press the scroll dial to switch between “Manual Reset1”, “Manual Reset2” or “Auto Refuel”.

“Manual Reset1” or “Manual Reset2” can be reset only manually by using the scroll dial. “Auto Refuel” will be reset automatically each time when refuelling.

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### Fuel economy display

E00536200025



#### ■ Current fuel consumption

The fuel economy display mode shows the current fuel consumption.

#### ■ Average fuel consumption

The fuel economy display mode shows the average fuel consumption since the last reset. The fuel economy display mode has three modes of operation. You can press the scroll dial to switch between “Manual Reset1”, “Manual Reset2” or “Auto Refuel”.

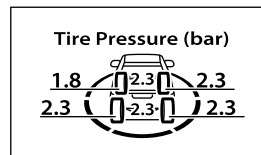
5-16 Instruments and controls

“Manual Reset1” or “Manual Reset2” can be reset only manually by using the scroll dial.

“Auto Refuel” will be reset automatically each time when refuelling.

### Tyre pressure

E00580000026

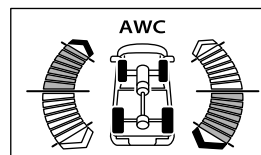


The tyre pressure mode shows the pressure of all four tyres while the vehicle is driven.

When the “Tyre Pressure Low - Add Air” warning appears, the display can be switched to the tyre pressure mode by pressing the scroll dial to reveal additional details on the displayed warning.

### AWC operation display

E00536300026



When the AWC operation display is selected, you can view the amount of the yaw moment control.

For yaw moment control, refer to “Active Yaw Control (AYC)” on page 6-69.

### WARNING

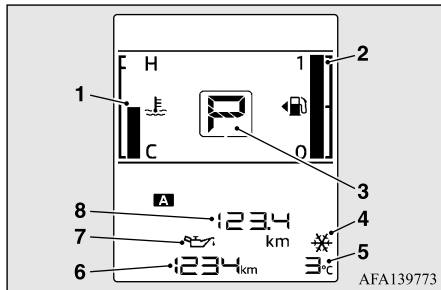
- Always concentrate on your driving first. Keep your eyes and mind on the road. Distractions while driving can lead to an accident.

### Multi-information display - Type 2

E00519903914

Always stop the vehicle in a safe place before operating.

The following information is included on the multi-information display: odometer, tripmeter, average fuel consumption etc.



- 1- Engine coolant temperature display  
→ P.5-20
- 2- Fuel remaining display → P.5-20
- 3- Selector lever position display\*  
→ P.6-31
- 4- Frozen road warning → P.5-19
- 5- Outside air temperature display  
→ P.5-19
- 6- Odometer → P.5-18
- 7- Oil control system indicator  
→ P.6-20
- 8- Information display → P.5-17

**NOTE**

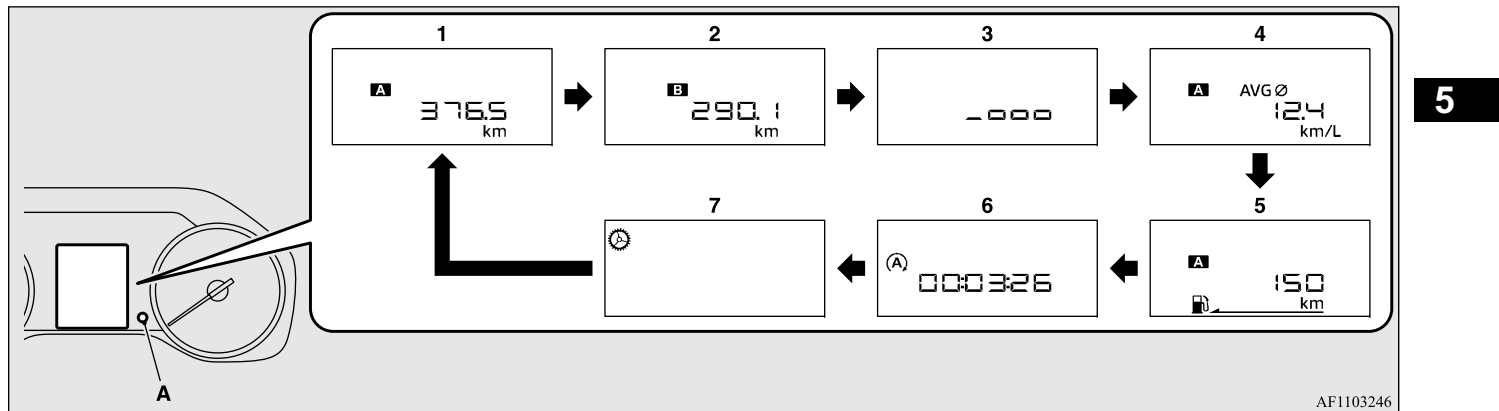
- When the ignition switch is in the “LOCK” position, the odometer is displayed.

5

## Information display

E00528201788

Each time you lightly press the multi-information display switch (A), the display switches in the following order.



AF1103246

- 1- Tripmeter **A** → P.5-18
- 2- Tripmeter **B** → P.5-18
- 3- Meter illumination control → P.5-18

- 4- Average fuel consumption display → P.5-19
- 5- Driving range display → P.5-18

- 6- Auto Stop & Go (AS&G) monitor → P.5-19
- 7- Function setting display → P.5-21

### NOTE

- When the ignition switch is in the “LOCK” position, the odometer is displayed.

## Multi-information display - Type 2

### Odometer

E00527801123

The odometer indicates the distance travelled.

### Tripmeter

E00527901267

**5** The tripmeter indicates the distance travelled between two points.

Example usage of tripmeter **A** and tripmeter **B**

It is possible to measure two currently travelled distances, from home using tripmeter **A** and from a particular point on the way using tripmeter **B**.

### To reset the tripmeter

To return the display to 0, hold down the multi-information display switch for approximately 2 seconds or more. Only the currently displayed value will be reset.

Example

If tripmeter **A** is displayed, only tripmeter **A** will be reset.

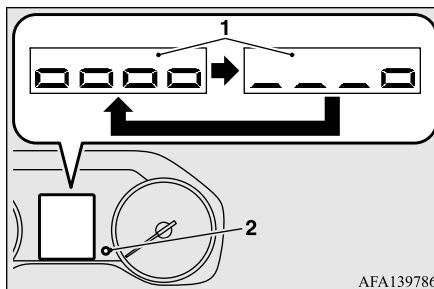
### NOTE

- When disconnecting the battery terminal, the memory of tripmeter **A** and **B** are cleared, and the display returns to "0".

### Meter illumination control

E00537901286

Each time you press and hold the multi-information display switch (2) for approximately 2 seconds or more, there is a sound and the brightness of the instruments changes.



- 1- Brightness level
- 2- Multi-information display switch

AFA139786

### NOTE

- You can adjust to 8 different levels respectively for when the position lamps are illuminated and when they are not. Each time you reduce two brightness levels, the segment display of the brightness level decreases one by one.
- If the vehicle is equipped with the automatic lamp control, when the lamp switch is in the "AUTO" position, the meter illumination switches automatically to the adjusted brightness, depending on the brightness outside the vehicle.
- The brightness level of the instruments is stored when the ignition switch is turned to the "LOCK" position.

### Driving range display

E00538001444

This displays the approximate driving range (how many more kilometres or miles you can drive). When the fuel level is low, the driving range display will change to "---".

### NOTE

- The driving range is determined based on the fuel consumption data. This may vary depending on the driving conditions and habits. Treat the distance displayed as just a rough guideline.



**NOTE**

- When you refuel, the driving range display is updated. However, if you only add a small amount of fuel, the correct value will not be displayed. Fill with a full tank whenever possible.
- On rare occasions, the value displayed for the driving range may change if you are parked on an extremely steep incline. This is due to the movement of fuel in the tank and does not indicate any malfunction.

### Average fuel consumption display

E00531201447

This displays the average fuel consumption from the last reset to the present time. The reset mode conditions for the average fuel consumption display can be switched between “Auto reset” and “Manual reset”. For information on how to change the average fuel consumption display setting, refer to “Changing the function settings” on page 5-21.

**NOTE**

- The average fuel consumption display can be reset separately for the auto reset mode and for the manual reset mode.
- “-.-” is displayed when the average fuel consumption cannot be measured.

**NOTE**

- The initial (default) setting is “Auto reset mode”.
- The average fuel consumption will depend on the driving conditions (road conditions, how you drive, etc.). The displayed fuel consumption may vary from the actual fuel consumption. Treat the fuel consumption displayed as just a rough guideline.
- The memory of the manual reset mode or auto reset mode for the average fuel consumption display is erased if the battery is disconnected.
- The display setting can be changed to the preferred units {km/L, L/100 km, mpg}. Refer to “Changing the function settings” on page 5-21.

### Auto Stop & Go (AS&G) monitor

E00531101303

The accumulated time the engine has been stopped by Auto Stop & Go (AS&G) system is displayed. If you hold down the multi-information display switch, the accumulated time will be reset. Refer to “Auto Stop & Go (AS&G) system” on page 6-23.

### Outside air temperature display

E00533501213

This displays the temperature outside the vehicle.

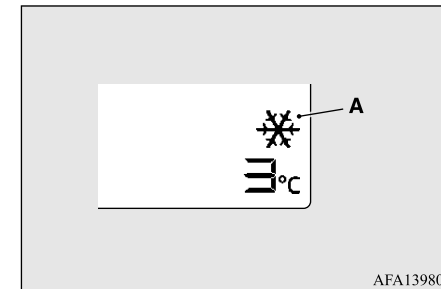
**NOTE**

- Depending on factors such as the driving conditions, the displayed temperature may vary from the actual outside temperature.

### Frozen road warning

E00533401153

If the outside air temperature drops below approximately 3°C (37 °F), the outside air temperature warning symbol (A) flashes for approximately 5 seconds.



## Multi-information display - Type 2

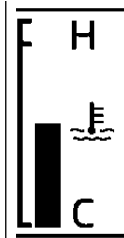
### ⚠ CAUTION

- There is a danger the road might be icy, even when this symbol is not flashing, so please take care when driving.

5

### Engine coolant temperature display

E00533801245



This indicates the engine coolant temperature.

If the coolant becomes hot, “” will blink. Pay careful attention to the engine coolant temperature display while you are driving.

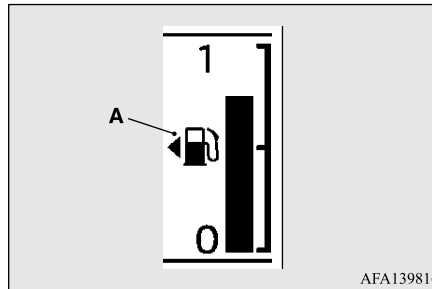
### ⚠ CAUTION

- If the engine is overheating, “” will blink. In this case, the bar graph is on the red zone. Immediately park the vehicle in a safe place and take the required measures. Refer to “Engine overheating” on page 8-5.

### Fuel remaining display

E00522202174

The fuel remaining display indicates the fuel level in the fuel tank when the ignition switch is in the “ON” position.



AFA139816

- 1- Full
- 0- Empty

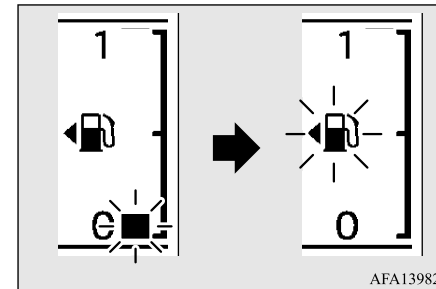
### 📖 NOTE

- It may take several seconds to stabilise the display after refilling the tank.
- If fuel is added with the ignition switch in the “ON” position, the fuel gauge may incorrectly indicate the fuel level.
- The fuel lid mark (A) indicates that the fuel tank filler door is located on the left side of the vehicle.

### Fuel remaining warning display

E00522402831

If the remaining fuel level is approximately 10 litres or less (one segment displayed) when the ignition switch is turned to the “ON” position, the last segment of the fuel gauge flashes. If the remaining fuel level is reduced further, the last segment of the fuel gauge goes out and “” flash.



AFA139829

### ⚠ CAUTION

- Do not drive with an extremely low fuel level; running out of fuel could cause damage to the fuel system.

### 📖 NOTE

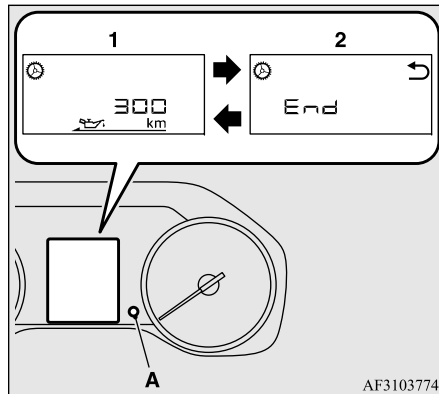
- On inclines or curves, the display may be incorrect due to the movement of fuel in the tank.

### Function setting display

E00569200038

If you hold down the multi-information display switch for approximately 2 seconds while the function setting display is displayed, the multi-information display will blink and the setting mode switches.

Each time you lightly press the multi-information display switch (A) while the multi-information display is blinking, the display switches in the following order.



1- Oil control system display → P.6-20

### 2- Exit setting mode

Hold down the multi-information display switch for approximately 2 seconds to exit setting mode.

### Changing the function settings

E00522702690

The “Average fuel consumption reset mode” and “Fuel consumption unit” setting can be modified as desired, when the ignition switch is in the “ON” position.

#### CAUTION

- The driver should not operate the display while the vehicle is in motion.
- When operating the system, stop the vehicle in a safe area.

### Changing the reset mode for average fuel consumption

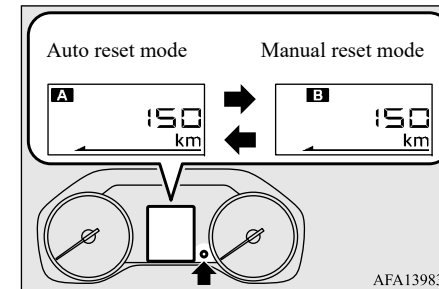
E00522902591

The mode conditions for the average fuel consumption display can be switched between “Auto reset” and “Manual reset”.

1. When you lightly press the multi-information display switch a few times, the information display switches to the driving range display.

Refer to “Information display” on page 5-17.

2. Each time you press the multi-information display switch for 2 seconds or more on driving range display, you can switch reset mode for average fuel consumption. (A: Auto reset mode, B: Manual reset mode)



#### Manual reset mode

- When the average fuel consumption is being displayed, if you hold down the multi-information display switch, the average fuel consumption displayed at that time is reset.
- When the following operation is performed, the mode setting is automatically switched from manual to auto. Turn the ignition switch from the “LOCK” position to the “ON” position.

## Multi-information display - Type 2

Switching to auto occurs automatically. If switching to manual mode is done, however, the data from the last reset is displayed.

### Auto reset mode

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- When the average fuel consumption is being displayed, if you hold down the multi-information display switch, the average fuel consumption displayed at that time are reset.
- When the ignition switch is in the following conditions, the average fuel consumption display is automatically reset. The ignition switch is in the “LOCK” position for approximately 4 hours or longer.

### NOTE

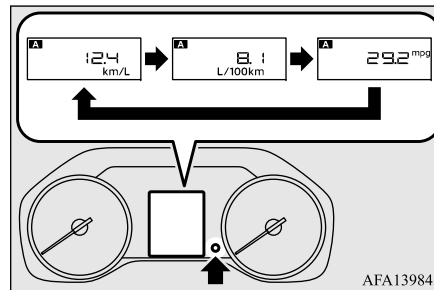
- The average fuel consumption display can be reset separately for the auto reset mode and for the manual reset mode.
- The memory of the manual reset mode or auto reset mode for the average fuel consumption display is erased if the battery is disconnected.
- The initial (default) setting is “Auto reset mode”.

## Changing the fuel consumption display unit

E00523002081

The display unit for fuel consumption can be switched. The distance and amount units are also switched to match the selected fuel consumption unit.

1. When you lightly press the multi-information display switch a few times, the information display switches to the average fuel consumption display. Refer to “Information display” on page 5-17.
2. Press and hold the multi-information display switch for approximately 5 seconds or more until buzzer sound is heard twice.
3. Press and hold the multi-information display switch to switch in sequence from “km/L” → “L/100 km” → “mpg” → “km/L”.



### NOTE

- The display units for the average fuel consumption are switched, but the units for the indicating needle (speedometer), the odometer and the tripmeter will remain unchanged.
- The memory of the unit setting is erased if the battery is disconnected, and it returns automatically to factory setting.

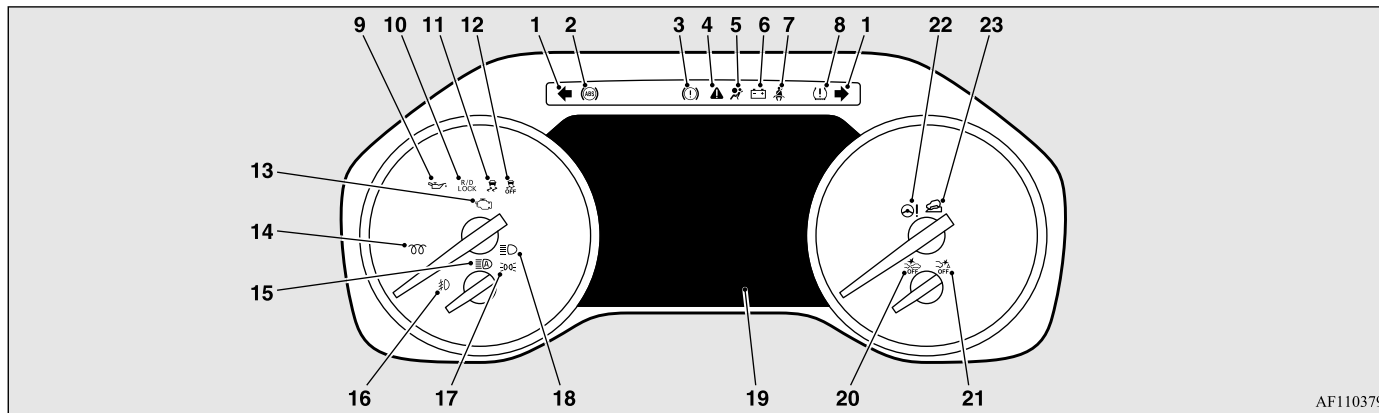
## Indicator lamp, warning lamp, and information screen display list (multi-information display - Type 1)

E00523701528

### Indicator and warning lamp list

E00523803422

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AF1103796

- |  |   |  |
|--|---|--|
| 1- Turn-signal indicator lamps/Hazard warning indicator lamps → P.5-37 | 6- Charge warning lamp → P.5-39                                   | 11- Active Stability & Traction Control (ASTC) indicator lamp → P.6-72     |
| 2- Anti-lock brake system (ABS) warning lamp → P.6-67                  | 7- Seat belt warning lamp → P.4-7                                 | 12- Active Stability & Traction Control (ASTC) OFF indicator lamp → P.6-72 |
| 3- Brake warning lamp → P.5-38   | 8- Tyre Pressure Monitoring System (TPMS) warning lamp* → P.6-116 | 13- Check engine warning lamp → P.5-39                                     |
| 4- Master warning lamp → P.5-38  | 9- Oil pressure warning lamp → P.5-39                             | 14- Diesel preheat indicator lamp → P.5-37                                 |
| 5- Supplemental Restraint System (SRS) warning lamp → P.4-32           | 10- Rear differential lock indicator lamp* → P.6-50               |  |

## Indicator lamp, warning lamp, and information screen display list (multi-information display - Type 1)

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- 15- Automatic High Beam (AHB) indicator lamp\* → P.5-45
- 16- Front fog lamp indicator lamp\* → P.5-37
- 17- Position lamp indicator lamp → P.5-37
- 18- High-beam indicator lamp → P.5-37
- 19- Information screen display list → P.5-25
- 20- Forward Collision Mitigation system (FCM) OFF indicator lamp\* → P.6-91
- 21- Emergency Assist for Pedal Misapplication (EAPM) OFF indicator lamp\* → P.6-93
- 22- Electric power steering system warning lamp\* → P.6-68
- 23- Hill Descent Control indicator lamp\* → P.6-64

5

### Information screen display list

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E00523901618

When there is information to be announced, such as lamp reminder, the screen switches to the displays shown below. Refer to the appropriate page and take the necessary measures.

When the cause of the warning display is eliminated, the warning display goes out automatically.

Refer to “Warning display list” on page 5-26.

Refer to “Other interrupt displays” on page 5-33.

Indicator lamp, warning lamp, and information screen display list (multi-information display - Type 1)



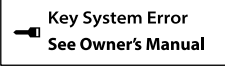
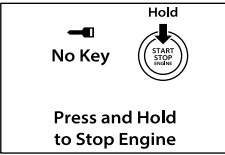

 **NOTE**

- A warning may be displayed on the information screen and the buzzer may sound in the following rare cases. This is caused by the system picking up interference such as noise or strong electromagnetic waves, and is not a functional problem.
  - An extremely strong electromagnetic wave is received from a source such as an illegal radio set, a spark from a wire, or a radar station.
  - Abnormal voltage or a static electricity discharge is generated by the operation of installed electrical equipment (including after-market parts).
- If the warning display appears many times, consult an authorised MITSUBISHI MOTORS dealer.







**5**

**Warning display list**

E00524003681

Screen	Cause	Solution (Reference)
 Key Battery Low   No Key Detected   Key System Error See Owner's Manual	<ul style="list-style-type: none"> <li>● There is a fault in the keyless operation system.</li> </ul>	Refer to "Keyless operation system" on page 3-7.
 <p>No Key </p> <p>Press and Hold to Stop Engine</p>	<ul style="list-style-type: none"> <li>● When the keyless operation key battery is worn out, or when the keyless operation key is taken outside the vehicle while the engine is running.</li> </ul>	To stop the engine in an emergency situation, perform either of the following procedures: <ul style="list-style-type: none"> <li>● Rapidly press the engine switch three consecutive times in less than 1.5 seconds.</li> <li>● Press and hold the engine switch for more than 2 seconds.</li> </ul> After the engine stops, open the door to return to the normal condition.

Indicator lamp, warning lamp, and information screen display list (multi-information display - Type 1)






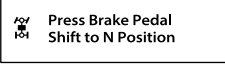
Screen	Cause	Solution (Reference)
 <p>Put Key Near Switch</p>	<ul style="list-style-type: none"> <li>● When the keyless operation key battery is running out of power and when the keyless operation key and vehicle are not communicating normally.</li> </ul>	<ul style="list-style-type: none"> <li>● Touch the engine switch with the keyless operation key (a chime will sound), and then press the engine switch while depressing the clutch pedal (M/T) or the brake pedal (A/T) within 10 seconds after the chime sounds.</li> </ul> <p>Refer to “If the keyless operation key is not operating properly” on page 6-19.</p>
	<ul style="list-style-type: none"> <li>● If a rear seat belt is unfastened, the seat with the unfastened seat belt will be displayed with a red seat with an “X” symbol.</li> <li>● If a rear passenger unfastens the seat belt they were wearing, the display for that seat changes from a green seat with a tick symbol to a red seat with an “X” symbol.</li> </ul>	<ul style="list-style-type: none"> <li>● Have the rear passenger fasten the seat belt.</li> </ul> <p>Refer to “Seat belt reminder” on page 4-7.</p>
	<ul style="list-style-type: none"> <li>● The fuel is running low.</li> </ul>	<ul style="list-style-type: none"> <li>● Refuel immediately. Refer to “Fuel remaining warning display” on page 5-41.</li> </ul>
	<ul style="list-style-type: none"> <li>● One of the doors is not completely closed. The open door is displayed.</li> </ul>	<ul style="list-style-type: none"> <li>● Close the door.</li> </ul> <p>Refer to “Door-ajar warning display” on page 5-41.</p>
	<ul style="list-style-type: none"> <li>● An excessive amount of particulate matter (PM) accumulates inside the diesel particulate filter (DPF).</li> </ul>	<p>Refer to “Diesel particulate filter (DPF)” on page 6-22.</p>
	<ul style="list-style-type: none"> <li>● You have forgotten to turn off the lamps.</li> </ul>	<p>Refer to “Combination headlamps and dipper switch” on page 5-42.</p>

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Indicator lamp, warning lamp, and information screen display list (multi-information display - Type 1)

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Screen	Cause	Solution (Reference)
 <p>Headlight System Error See Owner's Manual</p>	<ul style="list-style-type: none"> <li>● There is a fault in the LED headlamps.</li> </ul>	<ul style="list-style-type: none"> <li>● Please consult an authorised MITSUBISHI MOTORS dealer.</li> </ul>
 <p>Shift to Park</p>	<ul style="list-style-type: none"> <li>● [Except for vehicles equipped with the keyless operation system] The engine is stopped while the selector lever is in a position other than the "P" (PARK) position. [For vehicles equipped with the keyless operation system] The operation mode is put in OFF while the selector lever is in a position other than the "P" (PARK) position.</li> </ul>	<ul style="list-style-type: none"> <li>● Place the selector lever in the "P" (PARK) position.</li> </ul>
 <p>Transmission Overheating Slow Down</p>	<ul style="list-style-type: none"> <li>● The A/T fluid temperature is too high.</li> </ul>	Refer to "When a malfunction occurs in the A/T" on page 6-33.
 <p>Transmission Malfunction Service Now</p>	<ul style="list-style-type: none"> <li>● There is a fault in the A/T.</li> </ul>	<ul style="list-style-type: none"> <li>● Have your vehicle inspected at an authorised MITSUBISHI MOTORS dealer, immediately. Refer to "When a malfunction occurs in the A/T" on page 6-33.</li> </ul>
 <p>Press Clutch Pedal</p>	<ul style="list-style-type: none"> <li>● The clutch pedal is not depressed during shifting process between "4HLc" ↔ "4LLc".</li> </ul>	Refer to "4WD indicator and 2WD/4WD operation display" on page 6-44.
 <p>Press Brake Pedal Shift to N Position</p>	<ul style="list-style-type: none"> <li>● The selector lever is not shifted to "N"(NEUTRAL) position during shifting process between "4HLc" ↔ "4LLc".</li> </ul>	Refer to "4WD indicator and 2WD/4WD operation display" on page 6-44.

Indicator lamp, warning lamp, and information screen display list (multi-information display - Type 1)

Screen	Cause	Solution (Reference)
 <p>4WD 4WD Error See Owner's Manual</p>	<ul style="list-style-type: none"> <li>There is a fault in the Super Select 4WD II.</li> </ul>	<ul style="list-style-type: none"> <li>Have your vehicle inspected at an authorised MITSUBISHI MOTORS dealer immediately. Refer to "4WD indicator and 2WD/4WD operation display" on page 6-44.</li> </ul>
 <p>Chassis Control System Error See Owner's Manual</p>	<ul style="list-style-type: none"> <li>This warning appears if the chassis control module detects an error in the chassis control system.</li> </ul>	<ul style="list-style-type: none"> <li>Have the system checked. It is recommended that you contact an authorised MITSUBISHI MOTORS dealer for this service. Refer to "Chassis control" on page 6-69.</li> </ul>
 <p>R/D LOCK R/D LOCK Service Required</p>	<ul style="list-style-type: none"> <li>There is a fault in the rear differential lock system.</li> </ul>	<ul style="list-style-type: none"> <li>Have your vehicle inspected at an authorised MITSUBISHI MOTORS dealer immediately. Refer to "The rear differential lock indicator lamp/display" on page 6-50.</li> </ul>
 <p>R/D LOCK Stop to Operate R/D LOCK</p>	<ul style="list-style-type: none"> <li>You tried to turn on the rear differential lock switch while driving, or with the 4WD selector in the "2H" or "4H" position.</li> </ul>	<p>Refer to "Rear differential lock" on page 6-49.</p>
 <p>(P) Brake Temperature High</p>	<ul style="list-style-type: none"> <li>The braking system temperature is too high.</li> </ul>	<ul style="list-style-type: none"> <li>Immediately stop the vehicle in a safe place. Refer to "ASTC indicator lamp or ASTC OFF indicator lamp" on page 6-72.</li> </ul>
 <p>Release Parking Brake</p>	<ul style="list-style-type: none"> <li>This warning appears when the accelerator pedal is depressed while the parking brake is applied.</li> </ul>	<ul style="list-style-type: none"> <li>Release the parking brake.</li> </ul>

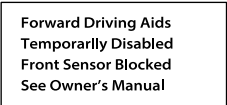


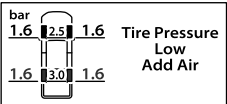
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Indicator lamp, warning lamp, and information screen display list (multi-information display - Type 1)

5

Screen	Cause	Solution (Reference)
<div style="border: 1px solid black; padding: 5px; text-align: center;">                     Malfunction See Owner's Manual                 </div>	<ul style="list-style-type: none"> <li>● When the following systems malfunction if the vehicle is equipped with them.                             <ul style="list-style-type: none"> <li>• Adaptive Cruise Control System (ACC)</li> <li>• Blind Spot Warning (BSW)</li> <li>• Rear Cross Traffic Alert (RCTA)</li> <li>• Forward Collision Mitigation system (FCM)</li> <li>• Emergency Assist for Pedal Misapplication (EAPM)</li> </ul> </li> </ul>	Refer to “Adaptive Cruise Control System (ACC)” on page 6-73. Refer to “Blind Spot Warning (BSW) (with Lane Change Assist (LCA))” on page 6-103. Refer to “Rear Cross Traffic Alert (RCTA)” on page 6-108. Refer to “Forward Collision Mitigation system (FCM)” on page 6-87. Refer to “Emergency Assist for Pedal Misapplication (EAPM)” on page 6-93.
<div style="border: 1px solid black; padding: 5px; text-align: center;">                     Unavailable Slippery Road                 </div>	<ul style="list-style-type: none"> <li>● When the Adaptive Cruise Control System (ACC) becomes unavailable because the road is slippery.</li> </ul>	Refer to “Adaptive Cruise Control System (ACC)” on page 6-73.
<div style="border: 1px solid black; padding: 5px; text-align: center;">                     Currently not available                 </div>	<ul style="list-style-type: none"> <li>● When the Adaptive Cruise Control System (ACC) becomes unavailable because the Active Stability &amp; Traction Control (ASTC) is turned off, or because GRAVEL/SNOW/MUD/SAND mode is selected for the Drive mode.</li> </ul>	Refer to “Adaptive Cruise Control System (ACC)” on page 6-73.

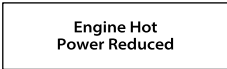

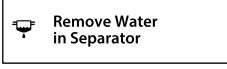

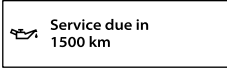
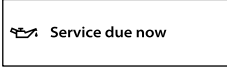
Indicator lamp, warning lamp, and information screen display list (multi-information display - Type 1)

Screen	Cause	Solution (Reference)
	<ul style="list-style-type: none"> <li>● If the sensor area of the front bumper is covered with dirt or obstructed, making it impossible to detect a vehicle ahead, the Forward Collision Mitigation system (FCM) or Adaptive Cruise Control System (ACC) is automatically turned off. The warning message will appear in the multi-information display.</li> </ul>	<ul style="list-style-type: none"> <li>● Check to see if the sensor area of the front bumper is blocked. If the sensor area of the front bumper is blocked, remove the blocking material. Restart the engine. If the warning message continues to appear, have the Forward Collision Mitigation system (FCM) or Adaptive Cruise Control System (ACC) checked. It is recommended that you contact an authorised MITSUBISHI MOTORS dealer for this service. Refer to “Forward Collision Mitigation System (FCM)” on page 6-87. Refer to “Adaptive Cruise Control System (ACC)” on page 6-73.</li> </ul>
	<ul style="list-style-type: none"> <li>● When the Blind Spot Warning (BSW) or Rear Cross Traffic Alert (RCTA) system becomes unavailable because a radar blockage is detected.</li> </ul>	<p>Refer to “Blind Spot Warning (BSW) (with Lane Change Assist (LCA))” on page 6-103. Refer to “Rear Cross Traffic Alert (RCTA)” on page 6-108.</p>
	<ul style="list-style-type: none"> <li>● The Emergency Assist for Pedal Misapplication (EAPM) is activated.</li> </ul>	<p>Refer to “Emergency Assist for Pedal Misapplication (EAPM)” on page 6-93.</p>
	<ul style="list-style-type: none"> <li>● This warning appears when the Tyre Pressure Monitoring System (TPMS) warning lamp in the meter illuminates and low tyre pressure is detected. The warning appears each time the operation mode is put in ON as long as the TPMS warning lamp remains illuminated.</li> </ul>	<ul style="list-style-type: none"> <li>● If this warning appears, stop the vehicle and adjust the pressure to the recommended COLD tyre pressure shown on the Tyre and Loading Information placard. Refer to “Tyre Pressure Monitoring System (TPMS)” on page 6-116.</li> </ul>

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Indicator lamp, warning lamp, and information screen display list (multi-information display - Type 1)


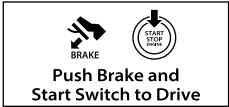
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Screen	Cause	Solution (Reference)
 <p>Engine Hot Power Reduced</p>	<ul style="list-style-type: none"> <li>● The engine is overheated.</li> </ul>	<ul style="list-style-type: none"> <li>● Stop the vehicle in a safe place and take corrective measures. Refer to “Engine overheating” on page 8-5.</li> </ul>
 <p>Parking Sensor Error See Owner's Manual</p>	<ul style="list-style-type: none"> <li>● When there is a malfunction with the parking sensor system.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to “Parking sensors (Front/rear)” on page 6-111.</li> </ul>
 <p>Remove Water in Separator</p>	<ul style="list-style-type: none"> <li>● More than specified limit water has accumulated in the fuel filter.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to “Removal of water from the fuel filter” on page 8-7.</li> </ul>
 <p>Shipping Mode On Push Storage Fuse</p>	<ul style="list-style-type: none"> <li>● This warning may appear if the extended storage fuse switch is not pushed in (switched on).</li> </ul>	<ul style="list-style-type: none"> <li>● When this warning appears, push in (switch on) the extended storage fuse switch to turn off the warning. Refer to “Extended storage fuse switch” on page 10-23.</li> </ul>
 <p>Service due in 1500 km</p>	<ul style="list-style-type: none"> <li>● The engine oil change period is approaching.</li> </ul>	<ul style="list-style-type: none"> <li>● Consider having the engine oil changed. Refer to “Oil control system” on page 6-21.</li> </ul>
 <p>Service due now</p>	<ul style="list-style-type: none"> <li>● The vehicle has reached the distance at which the engine oil should be changed.</li> <li>● The engine oil level is abnormal.</li> </ul>	<ul style="list-style-type: none"> <li>● Change the engine oil. Refer to “Oil control system” on page 6-21.</li> </ul>

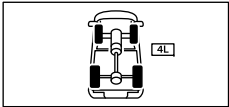

**Other interrupt displays**

E00524203159

**5**



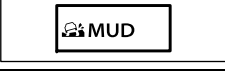



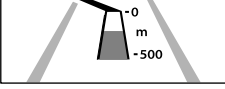
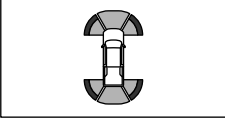
Screen	System operation status	Reference
 <p>CLUTCH Push Clutch and Start Switch to Drive</p>	<ul style="list-style-type: none"> <li>● When you sit in the seat with the keyless operation key (M/T).</li> </ul>	<ul style="list-style-type: none"> <li>● Place the gearshift lever in the “N” (Neutral) position, fully depress the clutch pedal, depress the brake pedal with the right foot. Then, press the engine switch. Refer to “Starting the engine” on page 6-16.</li> </ul>
 <p>BRAKE Push Brake and Start Switch to Drive</p>	<ul style="list-style-type: none"> <li>● When you sit in the seat with the keyless operation key under the following condition:                             <ul style="list-style-type: none"> <li>• When the engine switch is pressed with the gearshift lever in the “N” (Neutral) position, and the brake pedal or clutch pedal is not depressed (M/T).</li> <li>• When the selector lever is in the “P” (PARK) or the “N” (NEUTRAL) position, and the brake pedal is not depressed (A/T).</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● Depress the brake pedal with the right foot. Then, press the engine switch. Refer to “Starting the engine” on page 6-16.</li> </ul>

The operation status of each system is displayed on the information screen. Refer to the appropriate page for the system for further details.

Screen	System operation status	Reference
	<ul style="list-style-type: none"> <li>● When the 4WD mode is shifted by operating the 4WD selector.</li> </ul>	Refer to “Super Select 4WD II ”on page 6-41.
	<ul style="list-style-type: none"> <li>● When “ECO” mode of Drive mode is selected.</li> </ul>	Refer to “Drive mode” on page 6-47.



Indicator lamp, warning lamp, and information screen display list (multi-information display - Type 1)

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Screen	System operation status	Reference
	● When "NORMAL" mode of Drive mode is selected.	Refer to "Drive mode" on page 6-47.
	● When "ROCK" mode of Drive mode is selected.	Refer to "Drive mode" on page 6-47.
	● When "MUD" mode of Drive mode is selected.	Refer to "Drive mode" on page 6-47.
	● When "SAND" mode of Drive mode is selected.	Refer to "Drive mode" on page 6-47.
	● When "GRAVEL" mode of Drive mode is selected.	Refer to "Drive mode" on page 6-47.
	● When "SNOW" mode of Drive mode is selected.	Refer to "Drive mode" on page 6-47.
	● When approaching the guidance location, etc.	Refer to "Startup display" on page 5-4.
	● When the parking sensors detect an obstruction.	Refer to "Parking sensor system operation" on page 6-112.


Indicator lamp, warning lamp, and information screen display list (multi-information display - Type 1)

This informs you that you have reached the set distance at which maintenance should be performed.

Screen	Solution
<div> <p>Maintenance</p>  Tire                 </div> <div> <p>Maintenance</p>  Other                 </div>	<p>We recommend you to have it checked. Refer to “Maintenance” for further details on page 5-13.</p>

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This informs you that you have driven continuously until the set time.

Screen	Solution
<div>  Time for a break?                 </div>	<p>Stop the vehicle in a safe place, turn off the engine, and take a rest.                      Use this display as rough guide for taking rests during a long drive.                      The interval from the start of your trip until this message is displayed can be set.                      Refer to “Driver Assistance” on page 5-9.</p>



## Warning lamps

[For vehicles equipped with the keyless operation system]

When the operation mode is put in ON, the lamp illuminates and preheating of the glow plug starts automatically. As the glow plug becomes hot, the lamp goes out and the engine starts.

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### NOTE

- If the engine is cold, the diesel preheat indicator lamp is on for a longer time.
- [Except for vehicles equipped with the keyless operation system]  
When the engine has not been started within approximately 5 seconds after the diesel preheat indicator lamp went out, return the ignition switch to the “LOCK” position. Then, turn the ignition switch to the “ON” position to preheat the engine again.
- When the engine is warm, the diesel preheat indicator lamp does not come on even if the ignition switch is placed in the “ON” position or the operation mode is in ON.

### Fuel filter indicator lamp (Vehicles equipped with the multi-information display - Type 2)

E00509901500



This indicator lamp illuminates when the ignition switch is turned to the “ON” position, and goes off after the engine has started. If it lights up while the engine is running, it indicates that water has accumulated inside the fuel filter; if this happens, take action as follows.

Remove the water from the fuel filter. Refer to “Removal of water from the fuel filter” on page 8-7.

When the lamp goes out, you can resume driving. If it either does not go out or comes on from time to time, have the vehicle inspected at an authorised MITSUBISHI MOTORS dealer.

## Warning lamps

E00502400147

### Master warning lamp (Vehicles equipped with the multi-information display - Type 1)

E00536400027



When the operation mode is in ON, the master warning lamp illuminates if a warning message appears in the multi-information display.

Refer to “Warning display list” on page 5-25.

### Brake warning lamp

E00502504449



This lamp illuminates when the ignition switch is turned to the “ON” position or the operation mode is put in ON, and goes off after a few seconds.

Always make sure that the lamp goes off before driving.

With the ignition switch or the operation mode in ON, the brake warning lamp illuminates under the following conditions:

- When the parking brake has been applied.

- When the brake fluid level in the reservoir falls to a low level.
- When the brake force distribution function is not operating correctly.

With the ignition switch or the operation mode in ON, a buzzer sounds under the following condition:

- The vehicle speed exceeds a certain speed with the parking brake applied.

### CAUTION

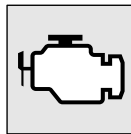
- In the situations listed below, brake performance may be compromised or the vehicle may become unstable if brakes are applied suddenly; consequently, avoid driving at high speeds or applying the brakes suddenly. Furthermore, immediately the vehicle should be brought to a stop in a safe location and your nearest authorised MITSUBISHI MOTORS dealer should be contacted.
- The brake warning lamp does not illuminate when the parking brake is applied or does not turn off when the parking brake is released.
- The brake warning lamp and the ABS warning lamp illuminate at the same time. For details, refer to “ABS warning lamp” on page 6-67.
- The brake warning lamp remains illuminated while driving.

### CAUTION

- The vehicle should be brought to a halt in the following manner when brake performance has deteriorated.
  - Depress the brake pedal harder than usual. Even if the brake pedal moves down to the very end of its possible stroke, keep it pressed down hard.
  - Should the brakes fail, use engine braking to reduce your speed and carefully pull the parking brake lever. Depress the brake pedal to operate the stop lamp to alert the vehicles behind you.

### Check engine warning lamp

E00502603658



This lamp is a part of an onboard diagnostic system which monitors the emissions, engine control system or A/T control system.

If a problem is detected in one of these systems, this lamp illuminates or flashes. Although your vehicle will usually be drivable and not need towing, we recommend you to have the system checked immediately. This lamp will also illuminate when the ignition switch is turned “ON” or the operation mode is put in ON, and goes off after the engine has started. If it does not go off after the engine has started, we recommend you to have the vehicle checked.

### CAUTION

- Prolonged driving with this lamp on may cause further damage to the emission control system. It could also affect fuel economy and drivability.
- If the lamp does not illuminate when the ignition switch is turned to the “ON” position or the operation mode is put in ON, we recommend you to have the system checked.
- If the lamp illuminates while the engine is running, avoid driving at high speeds and have the system inspected by an authorised MITSUBISHI MOTORS dealer immediately. Accelerator pedal and brake pedal response may be negatively influenced under these conditions.

### NOTE

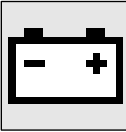
- The engine electronic control module accommodating the onboard diagnostic system has various fault data (especially about the exhaust emission) stored.

This data will be erased if a battery cable is disconnected which will make a rapid diagnosis difficult. Do not disconnect a battery cable when the check engine warning lamp is ON.

## Warning lamps

### Charge warning lamp

E00502702304



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started.

This lamp illuminates when the ignition switch is turned to the “ON” position or the operation mode is put in ON, and goes off after the engine has

#### CAUTION

- If it illuminates while the engine is running, there is a problem in the charging system. Immediately park your vehicle in a safe place and we recommend you to have it checked.

### Oil pressure warning lamp

E00502801991



This lamp illuminates when the ignition switch is turned to the “ON” position or the operation mode is put in ON, and the lamp goes off after the engine has started. If it illuminates while the engine is running, the oil pressure is too low. If the warning lamp illuminates while the engine is running, turn the engine off and contact your nearest authorised MITSUBISHI MOTORS dealer for inspection.

#### CAUTION

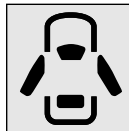
- If this lamp illuminates when the engine oil level is not low, contact your nearest authorised MITSUBISHI MOTORS dealer for inspection.
- This warning lamp does not indicate the amount of oil in the crankcase. This must be determined by checking the oil level on the dipstick, while the engine is switched off.
- If you continue driving with low engine oil level or with this warning lamp illuminated, engine seizure may occur.

#### NOTE

- The oil pressure warning lamp should not be treated as an indication of the engine’s oil level. The oil level must be checked using the dipstick.

### Door-ajar warning lamp (Vehicles equipped with the multi-information display - Type 2)

E00503302150



This lamp illuminates when a door is either open or not completely closed.

#### CAUTION

- Before moving your vehicle, check that the warning lamp is OFF.

### Headlamp warning lamp (Vehicles equipped with the multi-information display - Type 2)

E00569000137



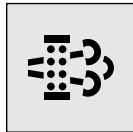
This warning lamp in the instrument cluster will illuminate when there is a fault in the headlamps.

#### CAUTION

- If the warning lamp illuminates, there may be a fault on the unit. Have the vehicle checked at an authorised MITSUBISHI MOTORS dealer.

### Diesel particulate filter (DPF) warning lamp (Vehicles equipped with the multi-information display - Type 2)

E00538900026



When this warning lamp illuminates with the ignition switch in the "ON" position, an excessive amount of particulate matter (PM) has accumulated inside the diesel particulate filter (DPF).

Refer to "Diesel particulate filter (DPF)" on page 6-22.

#### **CAUTION**

- If this warning lamp and the check engine warning lamp illuminate, immediately have your vehicle checked by an authorised MITSUBISHI MOTORS dealer.

### Shift to park warning lamp (Vehicles equipped with the multi-information display - Type 2)\*

E00539000037



This lamp illuminates when the engine is stopped while the selector lever is in a position other than the "P" (PARK) position.

If this lamp illuminates, place the selector lever in the "P" (PARK) position.

### Information screen display (Vehicles equipped with the multi-information display - Type 1)

E00524601449

### Diesel particulate filter (DPF) warning display

E00538800025



When this warning display appears with the operation mode in ON, an excessive amount

of particulate matter (PM) has accumulated inside the diesel particulate filter (DPF).

Refer to "Diesel particulate filter (DPF)" on page 6-22.

#### **CAUTION**

- If this warning display appears and the check engine warning lamp illuminates, immediately have your vehicle checked by an authorised MITSUBISHI MOTORS dealer.

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### Fuel remaining warning display

E00536500028



When the fuel is reduced to approximately 10 litres, the information screen switches to the interrupt display of the fuel remaining warning display. If the scroll dial is pressed, the information screen returns to the previous screen from the fuel remaining warning display.

#### **CAUTION**

- Do not drive with an extremely low fuel level; running out of fuel could cause damage to the fuel system.

## Combination headlamps and dipper switch

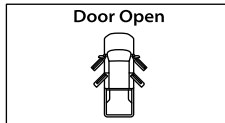
### NOTE

- On inclines or curves, the display may be incorrect due to the movement of fuel in the tank.

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### Door-ajar warning display

E00536600058



If any of the doors is not completely closed, this displays the open door.

### CAUTION

- Before moving your vehicle, check that the warning lamp is OFF.

## Combination headlamps and dipper switch

E00506005670

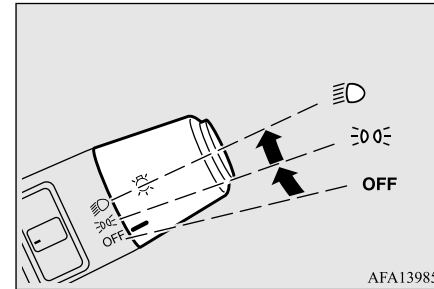
### Headlamps

#### NOTE



- Do not leave the lamps on for a long time while the engine is stationary (not running). A run-down battery could result.
- When it rains, or when the vehicle has been washed, the inside of the lens sometimes becomes foggy, but this does not indicate a functional problem.  
When the lamp is switched on, the heat will remove the fog. However, if water gathers inside the lamp, we recommend you to have checked.

### Type 1

Rotate the switch to turn on the lamps.

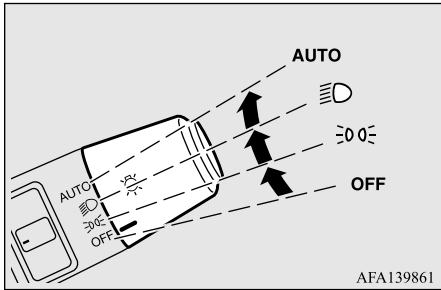


AFA139858

OFF	All lamps off {except for daytime running lamps (if so equipped)}
	Position, tail, licence plate and instrument panel lamps on
	Headlamps and other lamps go on

**Type 2**

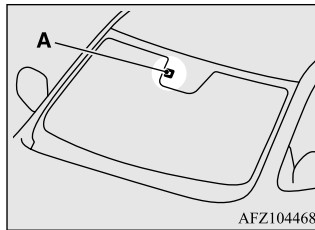
Rotate the switch to turn on the lamps.



OFF	All lamps off (except for daytime running lamps)
AUTO	When the operation mode is in ON, headlamps, position, tail, licence plate and instrument panel lamps turn on and off automatically in accordance with outside light level. (Daytime running lamps will go on while the tail lamps are off.) All lamps turn off automatically when the operation mode is put in OFF.
	Position, tail, licence plate and instrument panel lamps on
	Headlamps and other lamps go on

**NOTE**

- The switch position will be displayed on the information screen in the multi-information display if the lamp switch is operated. You can change it so that the display does not appear. The display can be switched ON/OFF by setting functions on the meter. Refer to “Customise Display” on page 5-13.
- On vehicles equipped with the front fog lamps, when the headlamps and the fog lamps are turned on with the lamp switch in the “AUTO” position, the headlamps and the fog lamps will remain on while the engine is running even in bright surroundings. When the fog lamp switch is turned off or the engine is stopped, the headlamps and the fog lamps turn off.
- Do not cover the sensor (A) for the automatic on/off control by affixing a sticker or label to the windscreen.



- If the lamps do not turn on or off with the switch in the “AUTO” position, manually operate the switch and we recommend you to have your vehicle checked.

**Lamps (headlamps, fog lamp, etc.) auto-cutout function**

E00532702130

**Except for vehicles equipped with the keyless operation system**

- When the lamp switch is in the “ ” or “ ” position while the ignition switch is in the “ON” position, the lamps will automatically turn off within a period of time after the ignition switch has been turned to the “LOCK” position.
- When the lamp switch remains in the “ ” or “ ” position after the lamps automatically turn off, the lamps will turn on when the ignition switch is turned to the “ON” position.

**For vehicles equipped with the keyless operation system**

- When the lamp switch is in the “ ” or “ ” position while the operation mode is in ON, the lamps will automatically turn off within a period of time after the operation mode has been put in OFF.
- When the lamp switch remains in the “ ” or “ ” position after the lamps automatically turn off, the lamps will turn on when the operation mode is put in ON.

**5**

## Combination headlamps and dipper switch

5



### **CAUTION**

- When you turn on the lamp switch again after the lamps automatically turn off, the lamps will not turn off automatically. Be sure to turn the lamp switch to the “OFF” position when you leave the vehicle for extended periods of time, otherwise the battery will be discharged.
- Never leave the lamp switch on when the engine is not running for extended periods of time even if the headlamps turn off automatically.



### Lamp monitor buzzer

E00506102029

[Except for vehicles equipped with the keyless operation system]

When the lamp switch is in the “” or “” position, the buzzer sounds when the driver’s door is opened except when the ignition switch is in the “ON” position.

[For vehicles equipped with the keyless operation system]

When the lamp switch is in the “” or “” position, the buzzer sounds when the driver’s door is opened when the operation mode is not ON.

### Daytime running lamps\*

E00530601835

The daytime running lamps comes on when the engine is running and the lamp switch is in the “OFF” or “AUTO” position and the tail lamps are off.

### Dipper (High/Low beam change)

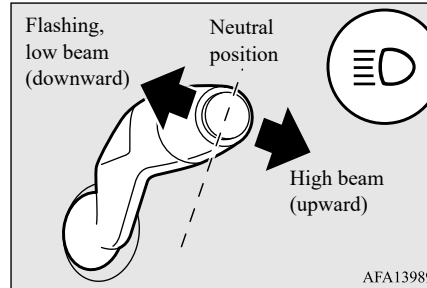
E00506202033

#### When the lamp switch is in the “” position

- Press the lamp switch forward to switch to high beam. To return to low beam, press the lamp switch forward, or move it backward.

#### When the lamp switch is in the “AUTO” position

- When the lamps are on, press the lamp switch forward to switch to high beam.
- To return to low beam, press the lamp switch forward, or move it backward.



AFA139890

### **NOTE**

- Angle downward when there is an oncoming vehicle or when driving in the city.
- When switching to high beam, the high-beam indicator lamp in the instrument cluster goes on.
- The lamp switch automatically returns to the neutral position when it is released, regardless of whether you press it forward or pull it backward.

### Headlamp flasher

To flash the headlamps, pull the lamp switch backward. When flashing the headlamps while in high beam, pull the lamp switch backward twice.

**Welcome light\***

E00528902665

- When the doors are unlocked, the position lamps, tail lamps, and licence plate lamp go on temporarily.
- On vehicles equipped with the colour liquid crystal display, the welcome light function can be disabled. The function can be changed by setting functions on the meter.  
Refer to “Vehicle Settings” on page 5-11.

**Coming home light**

E00529002386

When getting out of the car in a dark location, such as at night, the headlamps will illuminate the surrounding area by performing the following operation.

- When the ignition switch is not in the “ON” position or the operation mode is not ON, the headlamps will turn on for approximately 30 seconds (up to 120 seconds) and then turn off again each time the headlamps and position lamps are turned off and the lamp switch is pulled toward you.

**Automatic High Beam (AHB)\***

E00538200364

The Automatic High Beam (AHB) will operate when the vehicle is driven at speeds of approximately 40 km/h and above. If an oncoming vehicle or leading vehicle appears in front of your vehicle when the headlamp high beam is on, the headlamp will be switched to the low beam automatically.

**WARNING**

- The AHB is a convenience but it is not a substitute for safe driving operation. The driver should remain alert at all times, ensure safe driving practices and switch the high beams and low beam manually when necessary.
- The high beam or low beam may not switch automatically under the following conditions. Switch the high beam and low beam manually.
  - During bad weather (rain, fog, snow, wind, etc.).
  - When a light source similar to a headlamp or tail lamp is in the vicinity of the vehicle.
  - When the headlamps of the oncoming vehicle or the leading vehicle are turned off, when the colour of the lamp is affected due to foreign materials on the lamps, or when the lamp beam is out of position.

**WARNING**

- When there is a sudden, continuous change in brightness.
- When driving on a road that passes over rolling hills, or a road that has level differences.
- When driving on a road with many curves.
- When a sign or mirror-like surface is reflecting intense light towards the front of the vehicle.
- When the container, etc. being towed by a leading vehicle is reflecting intense light.
- When a headlamp on your vehicle is damaged or dirty.
- When the vehicle is leaning at an angle due to a punctured tyre, being towed, etc
- The timing of switching the low beam and high beam may change under the following situations.
  - The brightness of the headlamps of the oncoming vehicle or leading vehicle.
  - The movement and direction of the oncoming vehicle and the leading vehicle.
  - When only one lamp on the oncoming vehicle or the leading vehicle is illuminated.
  - When the oncoming vehicle or the leading vehicle is a two-wheeled vehicle.
  - Road conditions (incline, curve, the road surface, etc.).



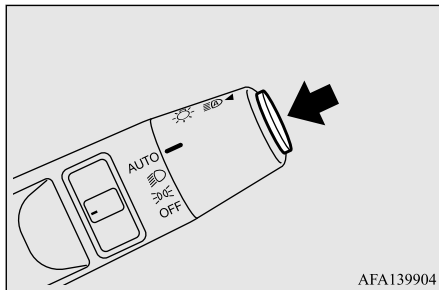
## Turn-signal lever

### ⚠ WARNING

- The number of passengers and the amount of cargo.

## AHB operations

5



To activate the AHB, press the switch as illustrated with the AUTO position. The AHB indicator in the instrument cluster will illuminate while the headlamps are turned on.

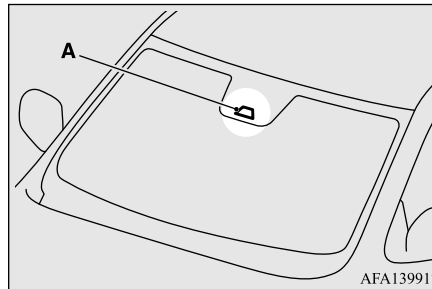
If the AHB indicator lamp does not illuminate in the above condition, it may indicate that the system is not functioning properly. Have your vehicle inspected by an authorised MITSUBISHI MOTORS dealer.

When the vehicle speed lowers to less than approximately 30 km/h, the headlamp remains the low beam.

To turn off the AHB, press the switch again.

## Ambient image sensor maintenance

E0053680021



The ambient image sensor (A) for the AHB is located in front of the inside mirror. To keep the proper operation of the AHB and prevent a system malfunction, be sure to observe the following:

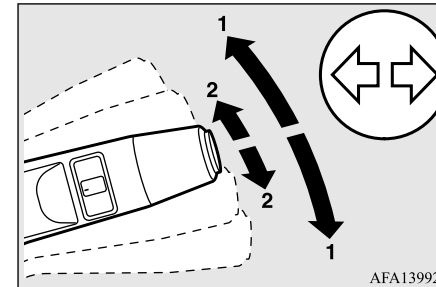
- Always keep the windscreen clean.
- Do not attach a sticker (including transparent material) or install an accessory near the ambient image sensor.
- Do not strike or damage the areas around the ambient image sensor. Do not touch the sensor lens that is located on the ambient image sensor.

If the ambient image sensor is damaged due to an accident, contact an authorised MITSUBISHI MOTORS dealer.

## Turn-signal lever

E00506503394

The turn-signal lamps flash when the lever is operated (with the ignition switch or the operation mode in ON). At the same time, the turn-signal indicator flashes.



### 1- Turn-signals

When making a normal turn, use position (1). The lever will return automatically when cornering is completed.

### 2- Lane-change signals

When moving the lever to (2) slightly to change a lane, the turn-signal lamps and indicator lamp in the instrument cluster will only flash while the lever is operated.

Also, when you move the lever to (2) slightly then release it, the turn-signal lamps and indicator lamp in the instrument cluster will flash three times.

## Hazard warning flasher switch

### NOTE

- If the lamp flashes unusually quickly, the bulb in a turn-signal lamp may have burned out. We recommend you to have the vehicle inspected.

## Hazard warning flasher switch

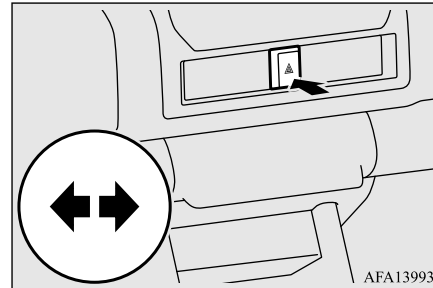
E00506602705

Use the hazard warning flasher switch when the vehicle has to be parked on the road for any emergency.

The hazard warning flashers can always be operated, regardless of the ignition switch position or the operation mode.

Push the switch to turn on the hazard warning flashers, all turn signal lamps flash continuously.

To turn them off, push the switch again.

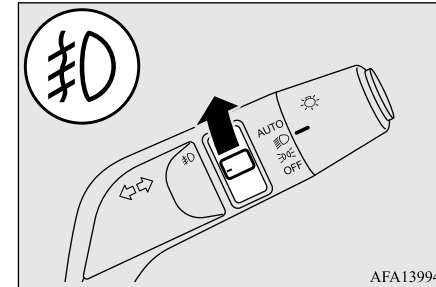


### NOTE

- While the hazard warning lamps are blinking due to having manually pushed the switch, the emergency stop signal system does not operate. Refer to “Emergency stop signal system” on page 6-65.

## Front fog lamp switch\*

E00506802228



5

To turn the front fog lamps on, turn the lamp switch to the “ $\text{D}$ ” or “ $\text{D}$ ” position, then turn the fog lamp switch to the “ $\text{F}$ ” position. To turn the front fog lamps on with the lamp switch in the “AUTO” position (if so equipped), the headlamps must be on, then turn the front fog lamp switch to the “ $\text{F}$ ” position.

To turn them off, turn the fog lamp switch to the OFF position.

The position lamps must be on for the front fog lamps to operate.

## Wiper and washer switch

### Wiper and washer switch

E00507102925

The windscreen wipers and washer can be operated with the ignition switch or the operation mode in ON.

If the blades are frozen to the windscreen, do not operate the wipers until the ice has melted and the blades are freed, otherwise the wiper motor may be damaged.

5

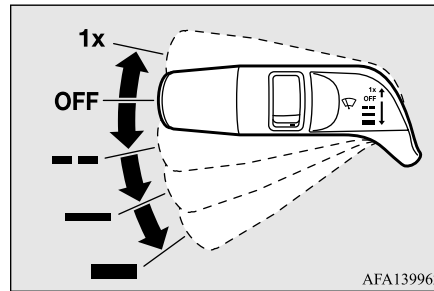
#### CAUTION

- If the washer is used in cold weather, the washer fluid sprayed against the glass may freeze, which may hinder visibility. Warm the glass with the defroster before using the washer.

### Windscreen wipers

E00516902509

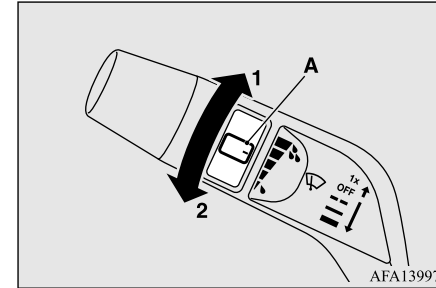
#### Except for vehicles equipped with rain sensor



- 1x- Misting function  
The wipers will operate once.
- OFF- Off
- Intermittent (Speed sensitive)
- Slow
- Fast

#### To adjust intermittent intervals

With the lever in the “---” (speed sensitive intermittent operation) position, the intermittent intervals can be adjusted by operating the switch (A).



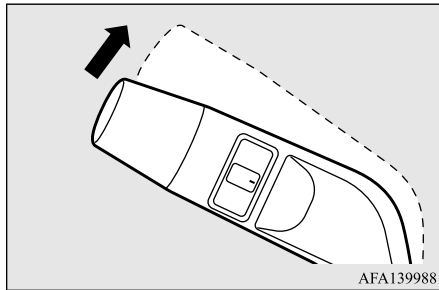
- 1- Fast
- 2- Slow

#### NOTE

- On vehicles equipped with the colour liquid crystal display, the wiper status will be displayed on the information screen in the multi-information display if the lever or the switch (A) is operated. You can change it so that the display does not appear. The display can be switched ON/OFF by setting functions on the meter. Refer to “Customise Display” on page 5-13.
- On vehicles equipped with the colour liquid crystal display, the speed-sensitive-operation function of the windscreen wipers can be deactivated. The function can be changed by setting functions on the meter. Refer to “Vehicle Settings” on page 5-11.

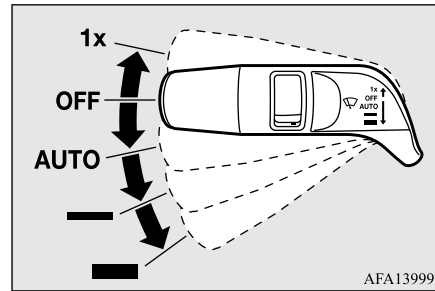
**Misting function**

Move the lever in the direction of the arrow and release, to operate the wipers once. Use this function when you are driving in mist or drizzle.



**Vehicles equipped with rain sensor**

E00517001904



- 1x- Misting function  
The wipers will operate once.
- OFF- Off
- AUTO- Auto-wiper control  
Rain sensor  
The wipers will automatically operate depending on the degree of wetness on the windscreen.
- Slow
- Fast

**Rain sensor**

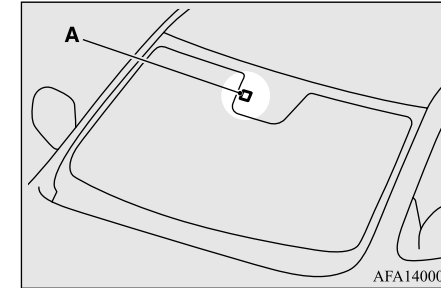
Can only be used when the operation mode is in ON.

If the lever is put in the “AUTO” position, the rain sensor (A) will detect the extent of rain

(or snow, other moisture, dust, etc.) and the wipers will operate automatically.

Keep the lever in the “OFF” position if the windscreen is dirty and the weather is dry.

Wiper operation under these conditions can scratch the windscreen and damage the wipers.



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**CAUTION**

- With the operation mode in ON and the lever in the “AUTO” position, the wipers may automatically operate in the situations described below.  
If your hands get trapped, you could suffer injuries or the wipers could malfunction. Be sure to put the operation mode in OFF, or move lever to the “OFF” position to deactivate the rain sensor.
- When cleaning the outside surface of the windscreen, if you touch on top of the rain sensor.

## Wiper and washer switch

5

### ⚠ CAUTION

- When cleaning the outside surface of the windscreen, if you wipe with a cloth on top of the rain sensor.
- When using an automatic car wash.
- A physical shock is applied to the windscreen.
- A physical shock is applied to the rain sensor.

### 📖 NOTE

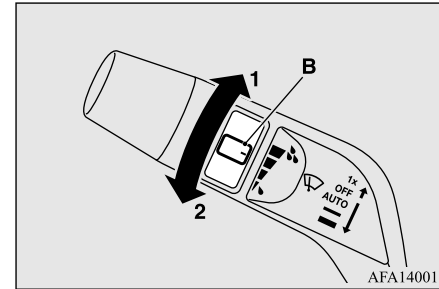
- Do not cover the sensor by affixing a sticker or label to the windscreen. Also, do not put any water-repellent coating on the windscreen. The rain sensor would not be able to detect the extent of rain, and the wipers might stop working normally.
- In the following cases, the rain sensor may be malfunctioning.  
For further information, we recommend you to consult an authorised MITSUBISHI MOTORS dealer.
  - When the wipers operate at a constant interval despite changes in the extent of rain.
  - When the wipers do not operate even though it is raining.

### 📖 NOTE

- The wipers may automatically operate when things such as insects or foreign objects are affixed to the windscreen on top of the rain sensor or when the windscreen is frozen. Objects affixed to the windscreen will stop the wipers when the wipers cannot remove them. To operate the wipers again, move the lever in the “—” or “■” position.  
Also, the wipers may operate automatically due to strong direct sunlight or electromagnetic wave. To stop the wipers, place the lever in the “OFF” position.
- Contact an authorised MITSUBISHI MOTORS dealer when replacing the windscreen or reinforcing the glass around the sensor.

### To adjust the sensitivity of the rain sensor

With the lever in the “AUTO” (rain sensor) position, it is possible to adjust the sensitivity of the rain sensor by operating the switch (B).



- 1- Higher sensitivity to rain
- 2- Lower sensitivity to rain

### 📖 NOTE

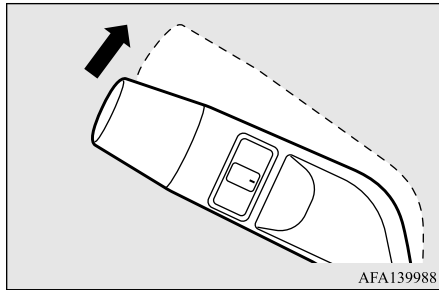
- The wiper status will be displayed on the information screen in the multi-information display if the lever or the switch (B) is operated.  
You can change it so that the display does not appear.  
The display can be switched ON/OFF by setting functions on the meter.  
Refer to “Customise Display” on page 5-13.
- Automatic operation (rain droplet sensitive) can be deactivated.  
The function can be changed by setting functions on the meter.  
Refer to “Vehicle Settings” on page 5-11.

**Misting function**

Move the lever in the direction of the arrow and release, to operate the wipers once.

Use this function when you are driving in mist or drizzle.

The wipers will operate once if the lever is raised to the “MIST” position and released when the operation mode is in ON. The wipers will continue to operate while the lever is held in the “MIST” position.



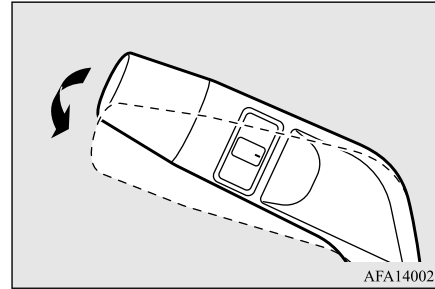
The wipers will operate once if the lever is moved to the “AUTO” position when the operation mode is in ON.

**Windscreen washer**

E00507203082

The washer fluid will be sprayed onto the windscreen by pulling the lever towards you.

The wipers operate automatically several times while the washer fluid is being sprayed. Then approximately 3 seconds later, wipers operate once more.



**CAUTION**

- If the washer is used in cold weather, the washer fluid sprayed against the glass may freeze resulting in poor visibility. Heat the glass with the defroster or demister before using the washer.

**NOTE**

- On vehicles equipped with the colour liquid crystal display, the function that operates the wipers once more approximately 3 seconds later can be deactivated. The function can be changed by setting functions on the meter. Refer to “Vehicle Settings” on page 5-11.

**Precautions to observe when using wipers and washers**

E00507601604

- If the moving wipers become blocked partway through a sweep by ice or other deposits on the glass, the wipers may temporarily stop operating to prevent the motor from overheating. In this case, park the vehicle in a safe place, turn the ignition switch to the “LOCK” position or put the operation mode in OFF, and then remove the ice or other deposits. Because the wipers will start operating again after the wiper motor cools down, check that the wipers operate before using them.
- Do not use the wipers when the glass is dry. They may scratch the glass surface and the blades wear out prematurely.
- Before using the wipers in cold weather, check that the wiper blades are not frozen onto the glass. The motor may burn out if the wipers are used with the blades frozen onto the glass.
- Avoid using the washer continuously for more than 20 seconds. Do not operate the washer when the fluid reservoir is empty. Otherwise, the motor may burn out.
- Periodically check the level of washer fluid in the reservoir and refill if required.

5

## Rear window demister switch\*

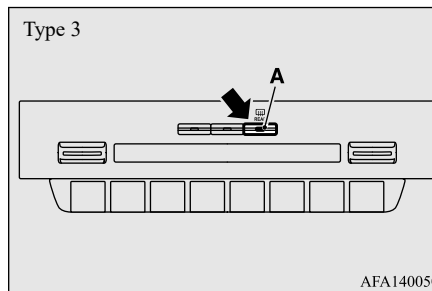
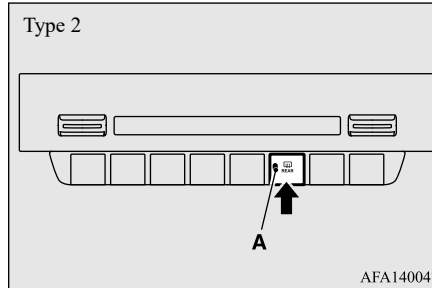
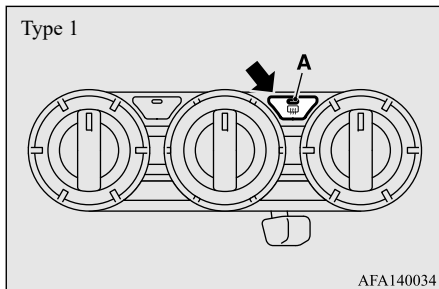
During cold weather, add a recommended washer solution that will not freeze in the washer reservoir. Failure to do so could result in loss of washer function and frost damage to the system components.

5

### Rear window demister switch\*

E00507903249

The rear window demister switch can be operated when the engine is running. Push the switch to turn on the rear window demister. It will be turned off automatically in approximately 20 minutes. To turn off the demister within approximately 20 minutes, push the switch again. The indicator lamp (A) will illuminate while the demister is on.



#### NOTE


- On vehicles equipped with heated mirrors, when the rear window demister switch is pressed, the outside rear-view mirrors are defogged or defrosted. Refer to “Heated mirror” on page 6-11.
- The demister switch is not to melt snow but to clear mist. Remove snow before use of the demister switch.

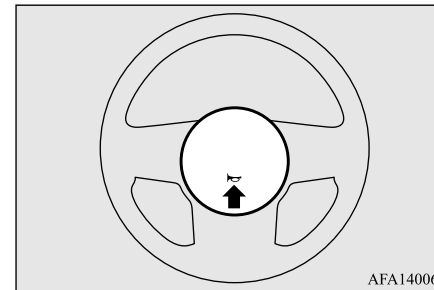
#### NOTE

- To avoid unnecessary discharge of the battery, do not use the rear window demister during starting of the engine or when the engine is not running. Turn the demister off immediately after the window is clear.
- When cleaning the inside of the rear window, use a soft cloth and wipe gently along the heater wires, being careful not to damage the wires.
- Do not allow objects to touch the inside of the rear window glass, damaged or broken heater wires may result.

### Horn switch

E00508001966

Press the steering wheel on or around the “” mark.



## *Starting and driving*

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## Economical driving

### Economical driving

E00600102998

For economical driving, there are some technical requirements that have to be met. The prerequisite for low fuel consumption is a properly adjusted engine. In order to achieve longer life of the vehicle and the most economical operation, we recommend you to have the vehicle checked at regular intervals in accordance with the service standards.

Fuel economy and generation of exhaust gas and noise are highly influenced by personal driving habits as well as the particular operating conditions. The following points should be observed in order to minimize wear of brakes, tyres and engine as well as to reduce environmental pollution.

### Accelerating and decelerating

Drive according to traffic conditions, and avoid sudden starts, sudden acceleration, and sudden braking, as they will increase fuel consumption.

### Shifting

Shift only at an appropriate speed and engine speed. Always use the highest shift position possible.

The 4WD selector should be set to “2H” when driving 4WD vehicles on normal roads and express ways to obtain best possible fuel economy.

### City traffic

Frequent starting and stopping increases the average fuel consumption. Use roads with smooth traffic flow whenever possible. When driving on congested roads, avoid use of a low shift position at high engine speeds.

### Idling

The vehicle consumes fuel even during idling. Avoid extended idling whenever possible.

### Speed

At higher the vehicle speed, more fuel is consumed. Avoid driving at full speed. Even a slight release of the accelerator pedal will save a significant amount of fuel.

### Tyre inflation pressure

Check the tyre inflation pressures at regular intervals. Low tyre inflation pressure increases road resistance and fuel consumption. In addition, low tyre pressures adversely affect tyre wear and driving stability.

### Cargo loads

Do not drive with unnecessary articles in the luggage compartment. Especially during city driving where frequent starting and stopping is necessary, the increased weight of the vehicle will greatly affect fuel consumption. Also avoid driving with unnecessary luggage or carriers, etc., on the roof; the increased air resistance will increase fuel consumption.

### Cold engine starting

Starting of a cold engine consumes more fuel. Unnecessary fuel consumption is also caused by keeping a hot engine running. After the engine is started, commence driving as soon as possible.

### Cooler or air conditioning

The use of the air conditioning will increase the fuel consumption.

### Driving, alcohol and drugs

E00600200070

Drunk driving is one of the most frequent causes of accidents.

Your driving ability can be seriously impaired even with blood alcohol levels far below the legal minimum. If you have been drinking, don't drive. Ride with a designated non-drinking driver, call a cab or a friend, or use public transportation. Drinking coffee or taking a cold shower will not make you sober. Similarly, prescription and nonprescription drugs affect your alertness, perception and reaction time. Consult with your doctor or pharmacist before driving while under the influence of any of these medications.

#### **⚠ WARNING**

- **NEVER DRINK AND DRIVE.**  
Your perceptions are less accurate, your reflexes are slower and your judgment is impaired.

### Safe driving techniques

E00600300446

Driving safety and protection against injury cannot be fully ensured. However, we recommend that you pay extra attention to the following:

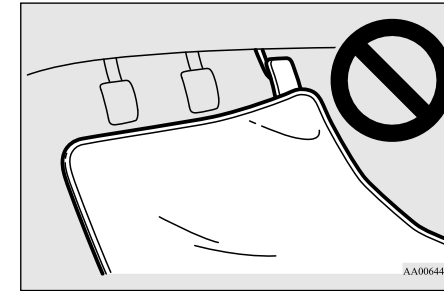
#### Seat belts

Before starting the vehicle, make sure that you and your passengers have fastened your seat belts.

#### Floor mats

#### **⚠ WARNING**

- **Keep floor mats clear of the pedals by correctly laying floor mats that are suitable for the vehicle.**  
To prevent the floor mats from slipping out of position, securely retain them using the hook etc.  
Note that laying a floor mat over a pedal or laying one floor mat on top of another can obstruct pedal operation and lead to a serious accident.



6

### Carrying children in the vehicle

- Never leave your vehicle unattended with the key and children inside the vehicle. Children may play with the driving controls and this could lead to an accident.
- Make sure that infants and small children are properly restrained in accordance with the laws and regulations, and for maximum protection in case of an accident.
- Prevent children from playing in the luggage compartment. It is quite dangerous to allow them to play there while the vehicle is moving.

### Loading luggage

When loading luggage, be careful not to load above the height of seats. This is dangerous

## Running-in recommendations

not only because rearward vision will be obstructed, but also the luggage may be projected into the passenger compartment under hard braking.

### Running-in recommendations

E00600405110

**6**

During the running-in period for the first 1,000 km, it is advisable to drive your new vehicle using the following precautions as a guideline to aid long life as well as future economy and performance.

- Do not race the engine at high speeds.
- Avoid rapid starting, accelerating, braking and prolonged high-speed running.
- Keep to the running-in speed limit shown below.

Please note that the legal speed limits displayed must be adhered to.

- Do not exceed loading limits.
- Refrain from towing a trailer.

### Vehicles with M/T

#### 2WD models

##### ■ Single cab

Shift point	Speed limit
1st gear	20 km/h
2nd gear	40 km/h
3rd gear	65 km/h
4th gear	100 km/h
5th gear	105 km/h
6th gear	

##### ■ Club cab and Double cab

Shift point	Speed limit	
	Normal power	High power
1st gear	20 km/h	20 km/h
2nd gear	40 km/h	40 km/h
3rd gear	65 km/h	65 km/h
4th gear	100 km/h	100 km/h

Shift point	Speed limit	
	Normal power	High power
5th gear	105 km/h	120 km/h
6th gear		

#### 4WD models

##### ■ Easy select 4WD

Shift point	Speed limit	
	2H, 4H	4L
1st gear	20 km/h	5 km/h
2nd gear	35 km/h	15 km/h
3rd gear	65 km/h	25 km/h
4th gear	95 km/h	35 km/h
5th gear	110 km/h	45 km/h
6th gear		55 km/h

##### ■ Super select 4WD II

Shift point	Speed limit	
	2H, 4H, 4HLc	4LLc
1st gear	20 km/h	5 km/h

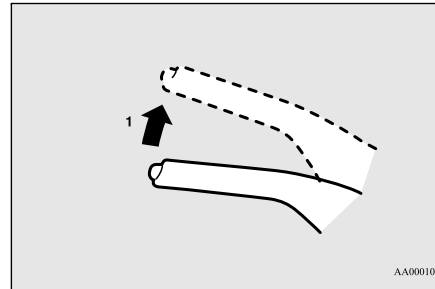
Shift point	Speed limit	
	2H, 4H, 4HLc	4LLc
2nd gear	40 km/h	15 km/h
3rd gear	65 km/h	25 km/h
4th gear	100 km/h	35 km/h
5th gear	120 km/h	50 km/h
6th gear		60 km/h

## Parking brake

E00600503289

To park the vehicle, first bring it to a complete stop, fully apply the parking brake sufficiently to hold the vehicle.

### To apply



- 1- Firmly depress and hold the brake pedal, then pull the lever up without pressing the button at the end of hand grip.

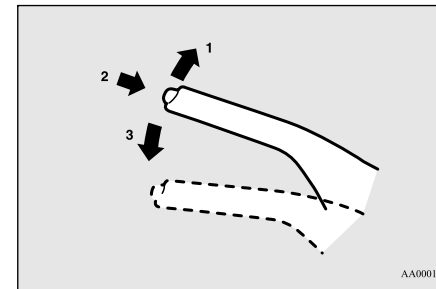
### CAUTION

- When you intend to apply the parking brake, firmly press the brake pedal to bring the vehicle to a complete stop before pulling the parking brake lever.  
Pulling the parking brake lever with the vehicle moving could make the rear wheels lock up, thereby making the vehicle unstable. It could also make the parking brake malfunction.

### NOTE

- Apply sufficient force to the parking brake lever to hold the vehicle stationary after the foot brake is released.
- If the parking brake does not hold the vehicle stationary after the foot brake is released, contact your authorised MITSUBISHI MOTORS dealer.

### To release



- 1- Firmly depress and hold the brake pedal, then pull the lever up slightly.
- 2- Press the button at the end of hand grip.
- 3- Lower the lever fully.

6

**CAUTION**

- Before driving, be sure that the parking brake is fully released and brake warning lamp is off.  
If a vehicle is driven without releasing the parking brake, the brake will be overheated, resulting in ineffective braking and possible brake failure.



- If the brake warning lamp does not go off when the parking brake is fully released, the brake system may be abnormal. Immediately stop the vehicle in a safe place, and contact your authorised MITSUBISHI MOTORS dealer.  
For details, refer to “Brake warning lamp” on page 5-36.

**NOTE**

- To prevent the parking brake from being released unintentionally, the lever must be pulled up slightly before it can be pushed down. Simply pressing the button does not enable the lever to be pushed down.

**Parking**

E00600602704

To park the vehicle, fully engage the parking brake, and then move the gearshift lever to 1st or “R” (Reverse) position for vehicles equipped with M/T, or set the selector lever to “P” (PARK) position for vehicles equipped with A/T.

**Parking on a hill**

To prevent the vehicle from rolling, follow these procedures:

**Parking on a downhill slope**

Turn the front wheels towards the kerb and move the vehicle forward until the kerb side wheel gently touches the kerb.  
On vehicles equipped with M/T, apply the parking brake and place the gearshift lever into the “R” (Reverse) position.  
On vehicles equipped with A/T, apply the parking brake and place the selector lever into the “P” (PARK) position.  
If necessary, apply chocks to wheels.

**Parking on an uphill slope**

Turn the front wheels away from the kerb and move the vehicle back until the kerb side wheel gently touches the kerb.  
On vehicles equipped with M/T, apply the parking brake and place the gearshift lever into the 1st position.  
On vehicles equipped with A/T, apply the parking brake and place the selector lever into the “P” (PARK) position.  
If necessary, apply chocks to wheels.

**NOTE**

- If your vehicle is equipped with A/T, be sure to apply the parking brake before moving selector lever to the “P” (PARK) position. If you move selector lever to the “P” (PARK) position before applying the parking brake, it may be difficult to disengage selector lever from the “P” (PARK) position when next you drive the vehicle, requiring application of a strong force the selector lever to move from the “P” (PARK) position.

**Parking with the engine running**

Never leave the engine running while you take a short sleep/rest. Also, never leave the

engine running in a closed or poorly ventilated place.

**⚠ WARNING**

- Leaving the engine running risks injury or death from accidentally moving the gear-shift lever (with M/T) or the selector lever (with A/T) or the accumulation of toxic exhaust fumes on the passenger compartment.

### Where you park

**⚠ WARNING**

- Do not park your vehicle in areas where combustible materials such as dry grass or leaves can come in contact with a hot exhaust, since a fire could occur.

### When leaving the vehicle

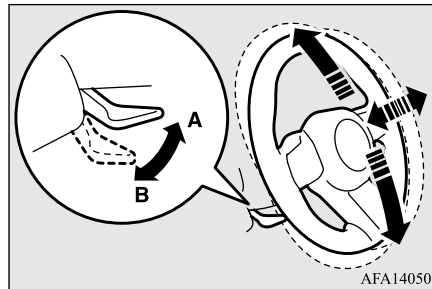
Always carry the key and lock all doors when leaving the vehicle unattended.

Always try to park your vehicle in a well lit area.

### Steering wheel height and reach adjustment

E00600701812

1. Release the lever while holding the steering wheel up.
2. Adjust the steering wheel to the desired position.
3. Securely lock the steering wheel by pulling the lever fully upward.



AFA140500

- A- Locked
- B- Release

**⚠ WARNING**

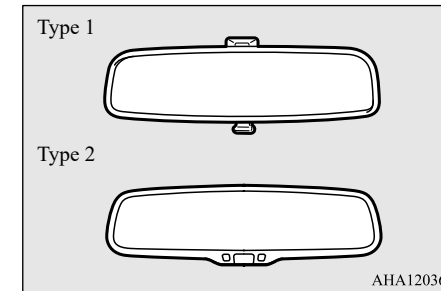
- Do not attempt to adjust the steering wheel while you are driving the vehicle.

### Steering wheel height and reach adjustment

### Inside rear-view mirror

E00600802692

Adjust the rear-view mirror only after making any seat adjustments so you have a clear view to the rear of the vehicle.



AHA120366

**⚠ WARNING**

- Do not attempt to adjust the rear-view mirror while driving. This can be dangerous. Always adjust the mirror before driving.

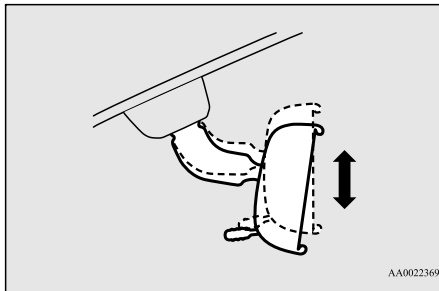
Adjust the rear-view mirror to maximize the view through the rear window.

**6**

## Inside rear-view mirror

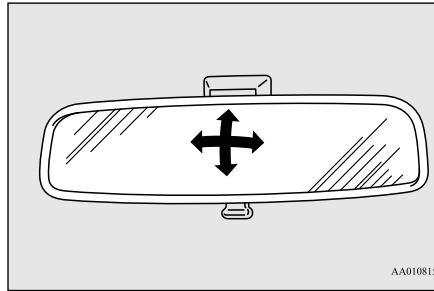
### To adjust the vertical mirror position

It is possible to move the mirror up and down to adjust its position.



### To adjust the mirror position

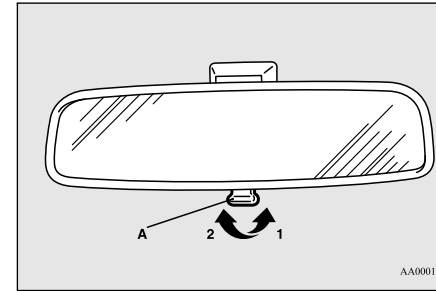
It is possible to move the mirror up/down and left/right to adjust its position.



### To reduce the glare

#### Type 1

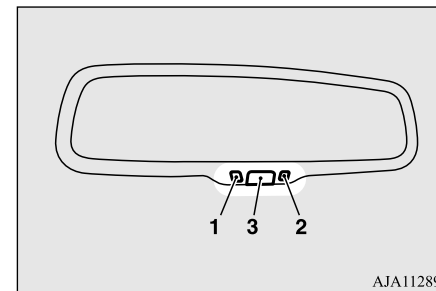
The lever (A) at the bottom of the mirror can be used to adjust the mirror to reduce the glare from the headlamps of vehicles behind you during night driving.



- 1- Normal
- 2- Anti-glare

#### Type 2

When the headlamps of the vehicles behind you are very bright, the reflection factor of the rear-view mirror is automatically changed to reduce the glare.



When the operation mode is put in ON, the green indicator (1) illuminates and the reflection factor of the mirror is automatically changed.

**NOTE**

- Do not hang items on, or spray glass cleaner on the sensor (2), as reduced sensitivity could result.
- If you want to stop automatic mode, press the switch (3) and the indicator (1) will go off.  
To return to automatic mode, press the switch again or put the operation mode in ON after putting the operation mode in OFF.

**Outside rear-view mirrors**

E00600900628

**To adjust the mirror position**

E00601002372

**WARNING**

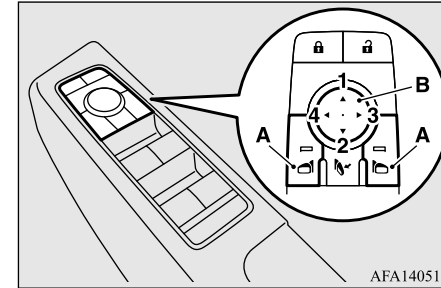
- Do not attempt to adjust the rear-view mirrors while driving. This can be dangerous. Always adjust the mirrors before driving.

**WARNING**

- Your vehicle is equipped with convex type mirrors. Please take into consideration, but objects you see in the mirror will look smaller and farther away compared to a normal flat mirror. Do not use this mirror to estimate distance of following vehicles when changing lanes.

The outside rear-view mirrors can be operated when the ignition switch is in the "ON" position or the operation mode is put in ON. After turning the ignition switch to the "LOCK" position or putting the operation mode in OFF, it is possible to adjust the mirror position using the angle adjustment switch for approximately 45 seconds. However, if a front door is opened, the mirror position cannot be adjusted with the switch.

1. Press the switch (A) of the same side as the mirror whose adjustment is desired. (Switch indicator lamp is on)



- A- Left/Right switching switch
- B- Angle adjustment switch

2. Press the switch (B) to the left, right, up or down to adjust the mirror position.

- 1- Up
- 2- Down
- 3- Right
- 4- Left

3. After completing the adjustment, press the switch (A) again to turn off the switch indicator lamp.

**Retracting and extending the outside mirrors**

E00663300041

The outside mirror can be retracted in towards the side window to prevent damage when parking in narrow areas.



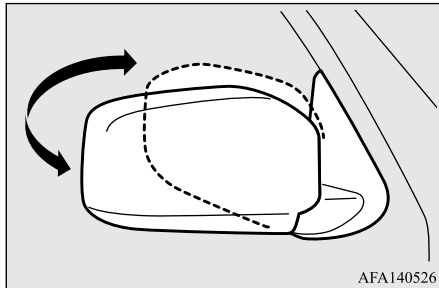
## Outside rear-view mirrors

### **CAUTION**

- Do not drive the vehicle with the mirror retracted in.  
The lack of rearward visibility normally provided by the mirror could lead to an accident.

### **Except for vehicles equipped with the mirror retractor switch**

- 6** Push the mirror towards the back of the vehicle with your hand to retract it in. When extending the mirror, pull it out towards the front of the vehicle until it clicks to lock in place.



### **For vehicles equipped with the mirror retractor switch**

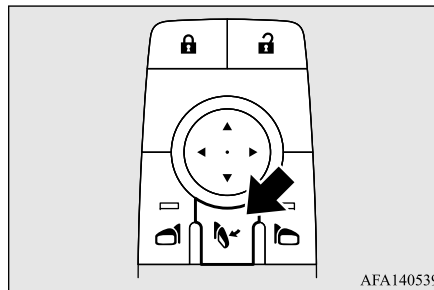
### **Retracting and extending the mirrors using the mirror retractor switch**

With the ignition switch or the operation mode in ON, press the mirror retractor switch to retract the mirrors.

Press it again to extend the mirrors to their original positions.

After turning the ignition switch to the "LOCK" position or putting the operation mode in OFF, it is possible to retract and extend the mirrors using the mirror retractor switch for approximately 45 seconds.

However, if a front door is opened, the mirrors cannot be extended or retracted with the switch.



### **CAUTION**

- It is possible to retract and extend the mirrors by hand. After retracting a mirror using the mirror retractor switch, however, you should extend it by using the switch again, not by hand. If you extended the mirror by hand after retracting it using the switch, it would not properly lock in position. As a result, the mirror could move because of the wind or vibration while you are driving, and this may prevent the driver's rearward visibility.

### **NOTE**

- Be careful not to get your hands trapped while a mirror is moving.
- If you move a mirror by hand or it moves after hitting a person or object, you may not be able to return it to its original position using the mirror retractor switch. If this happens, press the mirror retractor switch to place the mirror in its retracted position and then press the switch again to return the mirror to its original position.
- When freezing has occurred and mirrors fail to operate as intended, please refrain from repeated pressing of the retractor switch as this action can result in burn-out of the mirror motor circuits.

## Retracting and extending the mirrors without using the mirror retractor switch

[Vehicles equipped with keyless entry key]  
The mirrors automatically retract or extend when the doors are locked or unlocked using the key switches of the keyless entry system. Refer to “Keyless entry system” on page 3-4.

[Vehicles with the keyless operation system]  
The mirrors automatically retract or extend when the doors are locked or unlocked using the key switches or the keyless operation function of the keyless operation system. Refer to “Keyless operation system: To operate using the keyless operation function” on pages 3-9.

### NOTE

- The operation of the outside rear-view mirrors function can be deactivated. Please consult an authorised MITSUBISHI MOTORS dealer.
- On vehicles equipped with the colour liquid crystal display, the function can be changed by setting functions on the meter. Refer to “Vehicle Settings” on page 5-11.
- The function to automatically extend the mirrors without using the mirror retractor switch does not work if the user operates it to retract the mirrors.

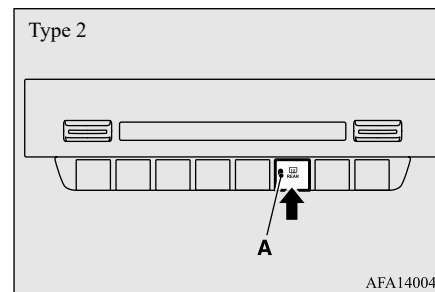
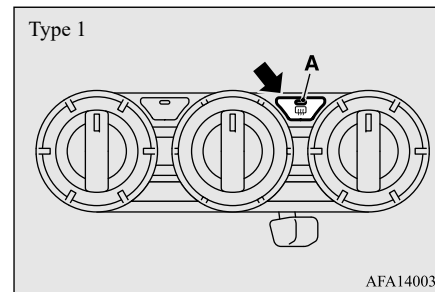
## Heated mirror\*

E00601202071

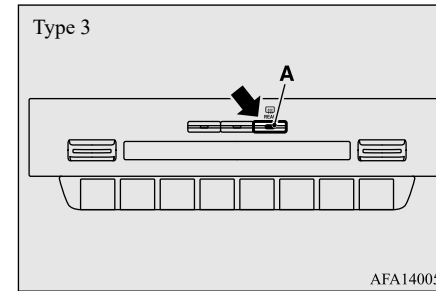
To demist or defrost the outside rear-view mirrors, press the rear window demister switch.

The indicator lamp (A) will illuminate while the demister is on.

The heater will be turned off automatically in approximately 20 minutes.



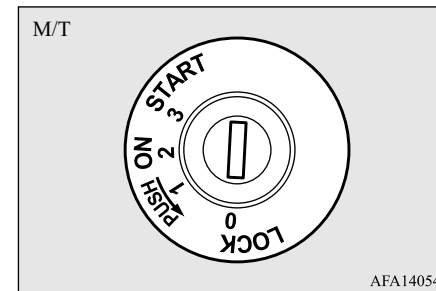
## Ignition switch\*



6

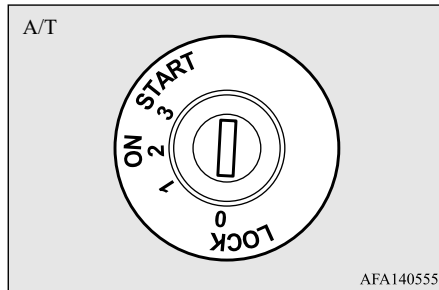
## Ignition switch\*

E00601403487



## Ignition switch\*

**6**



### LOCK (OFF) (0)

The key can only be inserted and removed in this position. The steering wheel locked.

### (OFF) (1)

The engine is stopped.

### ON (2)

All the vehicle's electrical devices can be operated.

### START (3)

The starter motor operates. After the engine has started, release the key and it will automatically return to the "ON" position.

#### NOTE

- If your vehicle is equipped with an electronic immobilizer. To start the engine, the ID code which the transponder inside the key sends must match the one registered in the immobilizer computer. Refer to "Electronic immobilizer (Anti-theft starting system)" on page 3-3.

### Auto ACC position

With the gearshift lever in the "N" (Neutral) position or the selector lever in the "P" (PARK) position, the keyless entry key with you and the ignition switch turned from the "ON" position to the "LOCK" position, the radio can still be used for a period of time, or until the driver's door is opened. After a period of time, functions such as radio and navigation (if so equipped) may be restarted by turning on the audio system (refer to the separate owner's manual), or by pressing the

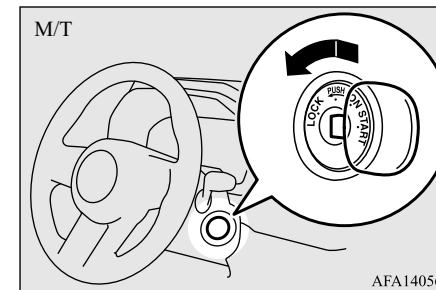
UNLOCK switch on the keyless entry key for up to a total of 30 minutes.

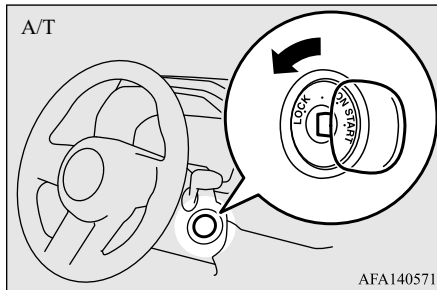
### To remove the key

E00620401785

For vehicles equipped with a M/T, when removing the key, push the key in at the (OFF) (1) position and keep it depressed until it is turned to the "LOCK" position and remove it.

For vehicles equipped with A/T, when removing the key, first set the selector lever to the "P" (PARK) position, and turn the key to the "LOCK" position, and remove it.

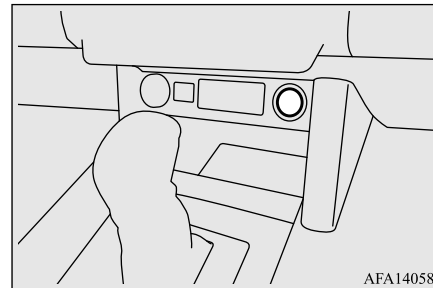




## Engine switch\*

E00631801936

In order to prevent theft, the engine will not start unless a preregistered keyless operation key is used. (Engine immobilizer function)  
If you are carrying the keyless operation key, you can start the engine.



### CAUTION

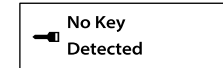
- Do not remove the ignition key from the ignition switch while driving. The steering wheel will be locked, causing loss of control.
- If the engine is stopped while driving, the brake servomechanism will cease to function and braking efficiency will deteriorate. Also, the power steering system will not function and it will require greater manual effort to operate the steering.
- Do not leave the key in the “ON” position for a long time when the engine is not running, doing so will cause the battery to be discharged.
- Do not turn the key to the “START” position while the engine is running. Doing so could damage the starter motor.

### CAUTION

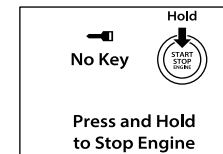
- If the engine switch operation is not smooth and feels like it is sticking, do not operate the switch. Immediately contact your authorised MITSUBISHI MOTORS dealer.

### NOTE

- When operating the engine switch, press the switch all the way in. If the switch is not fully pressed, the engine may not start or the operation mode may not change. If the engine switch is pressed correctly, there is no need to hold the engine switch down.
- When the keyless operation key battery is worn out, or the keyless operation key is out of the vehicle, warning display will appear.



- When the keyless operation key battery is worn out, or when the keyless operation key is taken outside the vehicle while the engine is running, warning display will appear.



### Operation mode of the engine switch and its function

#### OFF

The engine is stopped.

6

## Engine switch\*

### ON

All vehicle's electrical devices can be operated.

The ON position has a battery saver feature that will put the operation mode in OFF, if the vehicle is not running, after some time under the following conditions:

**6**

- all doors are closed.
- gearshift lever is in "N" (Neutral) position. (M/T)
- selector lever is in "P" (PARK) position. (A/T)

### Auto ACC position

With the gearshift lever in the "N" (Neutral) position or the selector lever in the "P" (PARK) position, the keyless operation key with you and the operation mode changed from ON to OFF, the audio system (if so equipped) can still be used for a period of time, or until the driver's door is opened. After a period of time, functions such as audio system (if so equipped) may be restarted by turning on the audio system (refer to the separate owner's manual), or by pressing the UNLOCK switch on the keyless operation key for up to a total of 30 minutes.

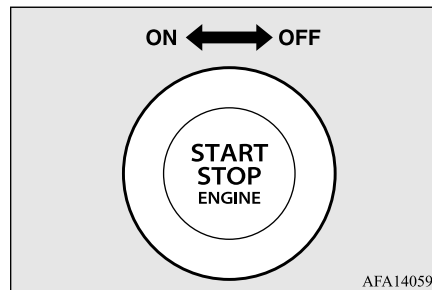
### NOTE

- Your vehicle is equipped with an electronic immobilizer.  
To start the engine, the ID code which the transponder inside the key sends must match the one registered in the immobilizer computer. Refer to "Electronic immobilizer (Anti-theft starting system)" on page 3-3.

### Changing the operation mode

E00631901878

If you press the engine switch without depressing the pedals, you can change the operation mode in the order of OFF, ON, OFF.



### CAUTION

- When the engine is not running, put the operation mode in OFF. Leaving the operation mode in ON for a long time when the engine is not running may cause the battery to be discharged, making it impossible to start the engine, lock and unlock the steering wheel.
- When the battery is disconnected, the current operation mode is memorized. After reconnecting the battery, the memorized mode is selected automatically. Before disconnecting the battery for repair or replacement, make sure to put the operation mode in OFF. Be careful if you are not sure which operation mode the vehicle is in when the battery is run down.
- The operation mode cannot be changed from OFF to ON if the keyless operation key is not detected to be in the vehicle. Refer to "Keyless operation system: Operating range for starting the engine and changing the operation mode" on page 3-9.
- When there is the keyless operation key in the vehicle and the operation mode isn't change, the keyless operation key may have worn out.

### NOTE

- If the operation mode cannot be changed to OFF, perform the following procedure.

**NOTE**

1. Move the selector lever to the “P” (PARK) position, and then change the operation mode to OFF. (For vehicles with A/T)
2. One of the other causes could be low battery voltage. If this occurs, the keyless entry system, keyless operation function, and steering lock will also not operate. Contact an authorised MITSUBISHI MOTORS dealer.

**Steering wheel lock**

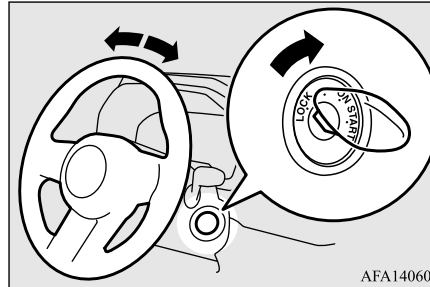
E00601502784

**Except for vehicles equipped with the keyless operation system****To lock**

Remove the key at the “LOCK” position.  
Turn the steering wheel until it is locked.

**To unlock**

Turn the key while moving the steering wheel slightly right and left.

**CAUTION**

- Remove the key when leaving the vehicle. In some countries, it is prohibited to leave the key on the vehicle when parked.

**For vehicles equipped with the keyless operation system****To lock**

After pressing the engine switch and operation mode in OFF, when driver's door is opened, the steering wheel is locked.

**NOTE**

- When the following operation is performed with the operation mode in OFF and the selector lever is in the “P” (PARK) position (A/T), the steering wheel is locked.

**NOTE**

- Open or close the driver's door.
- Close all the doors.
- Open one of the doors when all the doors are closed.
- Lock all the doors with the keyless entry system or the keyless operation function.

**To unlock**

The following methods can be used to unlock the steering wheel.

- Put the operation mode in ON.
- Start the engine.

**CAUTION**

- If the engine is stopped while driving, do not open a door or press the LOCK switch on the key until the vehicle stops in a safe place. This could cause the steering wheel to lock, making it impossible to operate the vehicle.
- Carry the key with you when leaving the vehicle. If your vehicle needs to be towed, unlock the steering wheel. Refer to “Towing: Emergency towing” on page 8-20.

## Starting and stopping the engine

### Starting and stopping the engine

E00620601790

### Tips for starting

6

#### Except for vehicles equipped with the keyless operation system

- Do not operate the starter motor continuously longer than 10 seconds; doing so could run down the battery. If the engine does not start, turn the ignition switch back to “LOCK”, wait a few seconds, and then try again. Trying repeatedly with the starter motor still turning will damage the starter mechanism.

#### WARNING

- Never run the engine in a closed or poorly ventilated area any longer than is needed to move your vehicle in or out of the area. Carbon monoxide gases are odourless and can be fatal.

#### CAUTION

- Never attempt to start the engine by pushing or pulling the vehicle.

#### CAUTION

- Do not run the engine at high rpm or drive the vehicle at high speed until the engine has had a chance to warm up.
- Release the ignition key as soon as the engine starts to avoid damaging the starter motor.
- If your vehicle is equipped with a turbocharger, do not stop the engine immediately after high-speed or uphill driving. First allow the engine to idle to give the turbocharger a chance to cool down.

#### For vehicles equipped with the keyless operation system

- The operation mode can be in any mode to start the engine.
- The starter motor will be turning for up to approximately 30 seconds if the engine switch is released at once. Pressing the engine switch again while the starter motor is still turning will stop the starter motor.

If the engine does not start, wait for a while and then attempt to start the engine again. Trying repeatedly with the starter motor still turning will damage the starter mechanism.

#### WARNING

- Never run the engine in a closed or poorly ventilated area any longer than is needed to move your vehicle in or out of the area. Carbon monoxide gases are odourless and can be fatal.

#### CAUTION

- Never attempt to start the engine by pushing or pulling the vehicle.
- Do not run the engine at high rpm or drive the vehicle at high speed until the engine has had a chance to warm up.
- If your vehicle is equipped with a turbocharger, do not stop the engine immediately after high-speed or uphill driving. First allow the engine to idle to give the turbocharger a chance to cool down.

### Starting the engine

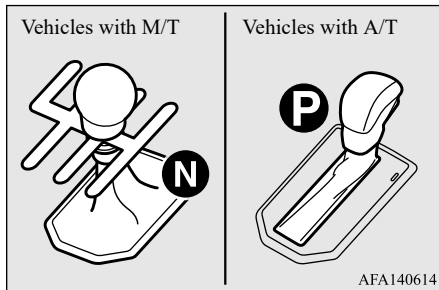
E00625501736

#### Except for vehicles equipped with the keyless operation system

1. Insert the ignition key and fasten the seat belt.
2. Make sure the parking brake is applied.
3. Press and hold the brake pedal down firmly with your right foot.

4. On vehicles equipped with M/T, depress the clutch pedal all the way and place the gearshift lever in the “N” (Neutral) position.

On vehicles equipped with A/T, make sure the selector lever is in the “P” (PARK) position.



5. Turn the ignition key to the “ON” position.

The diesel preheat indicator lamp will first illuminate, and then after a short time go out, indicating that preheating is completed.

**NOTE**

- If the engine is cold, the diesel preheat indicator lamp is on for a longer time.

**NOTE**

- When the engine has not been started within approximately 5 seconds after the diesel preheat indicator lamp went out, return the ignition switch to the “LOCK” position. Then, turn the switch to the “ON” position to preheat the engine again.
- When the engine is warm, the diesel preheat indicator lamp does not come on even if the ignition switch is turned to the “ON” position. Start the engine by turning the ignition key to the “START” position.

6. Turn the ignition key to the “START” position without depressing the accelerator pedal, and release it when the engine starts.

**NOTE**

- Minor noises may be heard on engine start-up. These will disappear as the engine warms up.
- On vehicles equipped with M/T, if the engine stops due to an engine stall or other reason, it may be possible to restart the engine without turning the ignition key by simply depressing the clutch pedal.

**For vehicles equipped with the keyless operation system**

**NOTE**

- The following indicator display appears when you sit in the seat with the keyless operation key, but it is a guide for how to start the vehicle.
- On vehicles equipped with M/T

**Push Clutch and Start Switch to Drive**

- When the engine switch is pressed with the gearshift lever in the “N” (Neutral) position, and the brake pedal or clutch pedal is not depressed (M/T).
- When the selector lever is in the “P” (PARK) or the “N” (NEUTRAL) position, and the brake pedal is not depressed (A/T).

**Push Brake and Start Switch to Drive**

1. Fasten the seat belt.
2. Make sure the parking brake is applied.
3. Press and hold the brake pedal down firmly with your right foot.



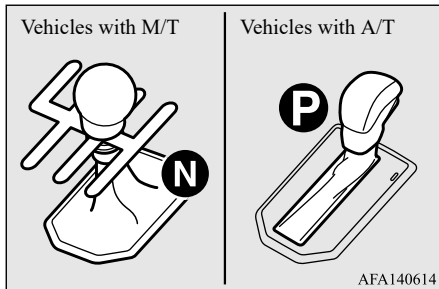
## Starting and stopping the engine

### NOTE

- When the engine is not started, it may become hard to depress the brake pedal and the vehicle may not be able to detect the pedal operation. Therefore the engine may not be started. In such a case, depress the brake pedal more firmly than usual.

**6**

4. On vehicles equipped with M/T, depress the clutch pedal all the way and place the gearshift lever in the “N” (Neutral) position. On vehicles equipped with A/T, make sure the selector lever is in the “P” (PARK) position.



5. Press the engine switch. The diesel preheat indicator lamp will first illuminate, and then after a short time go out, indicating that preheating is completed. The engine will start.

### NOTE

- If the engine is cold, the diesel preheat indicator lamp is on for a longer time.
- Putting the operation mode in ON will also start preheating the engine. When the engine has not been started within approximately 5 seconds after the diesel preheat indicator lamp went out, put the operation mode in OFF. Then, attempt the engine start procedure to preheat the engine again.
- Minor noises may be heard on engine start-up. These will disappear as the engine warms up.
- On vehicles equipped with M/T, if the engine stops due to an engine stall or other reason, it may be possible to restart the engine without pressing the engine switch by simply depressing the clutch pedal.

## Stopping the engine

E00620801776

### Except for vehicles equipped with the keyless operation system

1. Bring the vehicle to a complete stop.
2. Fully engage the parking brake while depressing the brake pedal.
3. For vehicles equipped with M/T, turn the ignition switch to the “LOCK” position to stop the engine, and then move the gearshift lever to the 1st (on a uphill) or “R” (Reverse) (on a downhill) position.

For vehicles equipped with A/T, place the selector lever in the “P” (PARK) position, and stop the engine.

### For vehicles equipped with the keyless operation system

### WARNING

- Do not operate the engine switch while driving except in an emergency. If the engine is stopped while driving, the brake servomechanism will cease to function and braking efficiency will deteriorate. Also, the power steering system will not function and it will require greater manual effort to operate the steering. This could result in a serious accident.

### NOTE

- If you have to bring the engine to an emergency stop while driving, press and hold the engine switch for 2 seconds or more, or press it quickly three times or more. The engine will stop and the operation mode will go to OFF.
- Do not stop the engine with the selector lever in any position other than the “P” (PARK) position (A/T). Put the operation mode in OFF after placing the selector lever in the “P” (PARK) position.

1. Stop the vehicle.
2. Fully engage the parking brake while depressing the brake pedal.
3. On vehicles with M/T, press the engine switch to stop the engine, move the gear-shift lever to the 1st (on a uphill) or “R” (Reverse) (on a downhill) position. On vehicles with A/T, move the selector lever to the “P” (PARK) position, press the engine switch to stop the engine.

### Emergency engine stop

To stop the engine in an emergency situation, perform either of the following procedures:

- Rapidly press the engine switch three consecutive times in less than 1.5 seconds.
- Press and hold the engine switch for more than 2 seconds.

After the engine stops, open the door to return to the normal condition.

### Fuel injection amount learning process

E00627901112

To keep exhaust emissions and engine noise low, the engine very occasionally performs a learning process for the fuel injection amount.

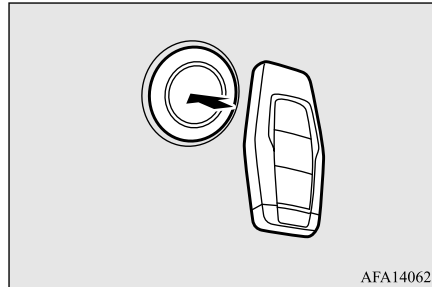
The engine sounds slightly different from usual while the learning process is taking place. The change in the engine sound does not indicate a fault.

### If the keyless operation key is not operating properly

E00632901615

The following operation can be used to start the engine or change the operation mode.

1. Depress the clutch pedal (M/T) or the brake pedal (A/T) and press the engine switch.
2. While depressing the clutch pedal (M/T) or the brake pedal (A/T), touch the portion of the keyless operation key shown in the illustration to the engine switch.



3. If the keyless operation key is recognized, a chime will sound, and then the engine can be started and the operation mode can be changed within approximately 10 seconds. Refer to “Starting the engine” on page 6-16 and “Changing the operation mode” on page 6-14.

### NOTE

- When put the operation mode in ON or the engine is started by the above procedures, the “Key Battery Low” warning appears (on the multi-information display) even if the keyless operation key is inside the vehicle. This is not a malfunction. To turn off the warning, touch the engine switch with the keyless operation key again.
- If the “Key Battery Low” warning appears (on the multi-information display), replace the battery as soon as possible. Refer to “Procedure for replacing the key battery” on page 3-6.
- If metal objects or other keys are near the keyless operation key, the keyless operation key may not be recognized.
- Instead of depressing the brake pedal, the keyless operation key can also be recognized in the same way within approximately 30 seconds after pressing the engine switch.
- To change the operation mode without starting the engine, release the brake pedal after the chime sounds, and then press the engine switch.

## Oil control system

E0063060028

Oil control system is a function that estimates the remaining distance until the next engine oil change and notifies you that it is time for an oil change.

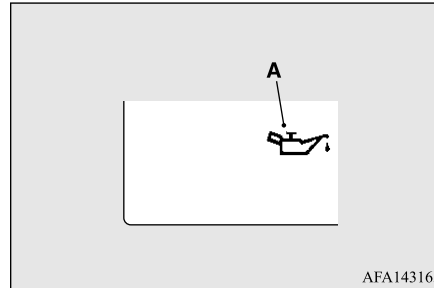
### 6

## Vehicles equipped with the mono-colour liquid crystal display

E0067990026

### Display of the remaining distance until the next oil change

After the remaining distance until the next oil change becomes 1,500 km or less, the indicator (A) will appear when the ignition switch is turned to the "ON" position. The indicator (A) is displayed also when the engine oil level is abnormal.



AFA143165

To display the remaining distance until the next engine oil change, perform the following procedure.

1. Press the multi-information display switch several times to switch to the function setting display.  
Refer to "Information display" on page 5-17.
2. Press the multi-information display switch for approximately 2 seconds to switch to the setting mode.  
Refer to "Function setting display" on page 5-21.
3. Press the multi-information display switch several times to switch to the oil control system display.

When the remaining distance until the next engine oil change is 0 km, change the engine oil and reset the distance.

## NOTE

- When the engine oil has been changed, reset the remaining distance until the next engine oil change.
- When indicator (A) is displayed and the diesel particulate filter (DPF) warning lamp illuminates, an excessive amount of particulate matter (PM) has accumulated inside the DPF.  
Refer to "Diesel particulate filter (DPF)" on page 6-22.

### How to reset the remaining distance until the next engine oil change

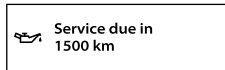
To reset the remaining distance until the next engine oil change, press the multi-information display switch for approximately 2 seconds while the oil control system display is displayed.

## Vehicles equipped with the colour liquid crystal display

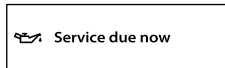
E0068000027

### Display of the remaining distance until the next oil change

After the remaining distance until the next engine oil change becomes 1,500 km or less, the current remaining distance will be displayed on the multi-information display every time the operation mode is put in ON.



After the vehicle has reached the distance at which the engine oil should be changed, the “Service due now” warning message appears on the multi-information display every time the operation mode is put in ON.



If the warning display appears, change the engine oil and reset the distance.

#### NOTE

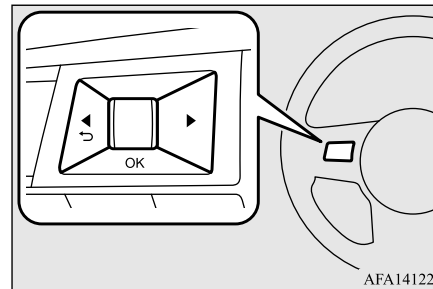
- When the engine oil has been changed, reset the remaining distance until the next engine oil change.

#### NOTE

- When this warning display and the diesel particulate filter (DPF) warning display appear, an excessive amount of particulate matter (PM) has accumulated inside the DPF. Refer to “Diesel particulate filter (DPF)” on page 6-22.

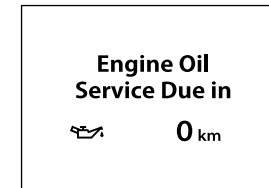
### How to reset the remaining distance until the next engine oil change

Perform the following procedures to reset the remaining distance until the next engine oil change.

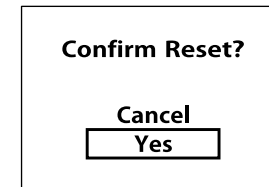


AFA141220

1. Press the ◀ ▶ button until “Settings” appears in the multi-information display and then press the scroll dial. Rotate the scroll dial to select “Maintenance”. Then press the scroll dial.  
Refer to “Multi-information display - Type 1” on page 5-3.
2. Rotate the scroll dial to select the “Oil Control System” menu then press the scroll dial. The remaining distance until the next engine oil change will be displayed.



3. Press the scroll dial, and the confirmation display will appear. Select “Yes” by rotating the scroll dial and press the scroll dial to confirm.



6

## Diesel particulate filter (DPF)\*

### Diesel particulate filter (DPF)\*

E00619801662

The diesel particulate filter (DPF) is a device that captures most of the particulate matter (PM) in the exhaust emissions of the diesel engine. The DPF automatically burns away trapped PM during vehicle operation. Under certain driving conditions, however, the DPF is not able to burn away all of the trapped PM and, as a result, an excessive amount of PM accumulates inside it.

6

#### WARNING

- The DPF reaches very high temperatures. Do not park your vehicle in areas where combustible materials such as dry grass or leaves can come in contact with a hot exhaust system since a fire could occur.

#### CAUTION

- Do not use any type of fuel or engine oil that is not specified for your vehicle. Also, do not use any moisture-removing agent or other fuel additive. Such substances could have a detrimental effect on the DPF. Refer to “Fuel selection” on page 2-2 and “Engine oil” on page 10-5.

#### NOTE

- To minimize the likelihood of excessive accumulation of PM, try to avoid driving for long periods at low speeds and repeatedly driving short distances, and try to keep high engine speed driving as much as possible.
- The engine sounds slightly different from usual while the DPF automatically burns away trapped PM. The change in the engine sound does not indicate a fault.

### DPF warning lamp/warning display

Warning lamp (mono-colour liquid crystal display)



Warning display (colour liquid crystal display)

 Check DPF System

The DPF warning lamp comes on or warning display will appear in the event of an abnormality in the DPF system.

#### NOTE

- When the DPF warning lamp comes on or the warning display appears, the oil control system indicator/warning display may appear. If that happens, change the engine oil, and then perform PM accumulation removal for the DPF. For details, refer to “If the DPF warning lamp/warning display appears during vehicle operation”. For the method of checking the engine oil change period, check the following. Refer to “Oil control system” on page 6-20.

### If the DPF warning lamp/warning display appears during vehicle operation

Steady illumination of the DPF warning lamp/warning display shows that the DPF has not been able to burn away all of the trapped PM and that, as a result, an excessive amount of PM has accumulated inside it. To enable the DPF to burn away the PM, try to drive the vehicle as follows:

- With the bar graph of the engine coolant temperature display (vehicles equipped with the mono-colour liquid crystal display) or the arrow of the engine coolant temperature gauge (vehicles equipped with the colour liquid crystal display) stabilized in roughly the middle of the scale, drive for approximately 30 minutes at a speed of at least 40 km/h.

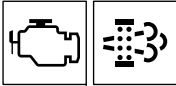
If the DPF warning lamp/warning display subsequently stays on, contact an authorised MITSUBISHI MOTORS dealer.

**CAUTION**

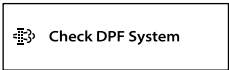
- You do not have to continuously drive exactly as indicated above. Always strive to drive safely in accordance with road conditions.

**If the DPF warning lamp and check engine warning lamp or the DPF warning display and check engine warning lamp illuminate at the same time during vehicle operation**

Warning lamp



Warning display (colour liquid crystal display)



If an abnormal condition occurs in the DPF system, the DPF warning lamp and check engine warning lamp or the DPF warning display and check engine warning lamp illuminate.

Have the system inspected by an authorised MITSUBISHI MOTORS dealer.

**CAUTION**

- Continuing to drive with the DPF warning lamp or display and check engine warning lamp illuminating could result in engine trouble and DPF damage.

**CAUTION**

- If you continue to drive while the DPF warning lamp or display and the check engine warning lamp are illuminated at the same time, if the DPF filter is damaged, it will change to only the check engine warning lamp being illuminated.

**Turbocharger operation**

E00611201237

**CAUTION**

- Do not run the engine at high speeds (for example, by revving it or by accelerating rapidly) immediately after starting it.
- Do not stop the engine immediately after high-speed or uphill driving. First allow the engine to idle to give the turbocharger a chance to cool down.
- Replace the engine oil at the specified intervals. If the engine oil is not replaced, the turbocharger could malfunction.

**Auto Stop & Go (AS&G) system**

E00627401351

The Auto Stop & Go (AS&G) system automatically stops and restarts the engine without operating the ignition switch or engine switch when the vehicle is stopped, such as at

## Auto Stop & Go (AS&G) system

a traffic light or in a traffic jam, to reduce exhaust gases, increase fuel efficiency.

### CAUTION

- If the vehicle will be stopped for a long time or if you will leave the vehicle unattended, stop the engine.

6

### NOTE

- The accumulated time the engine has been stopped by AS&G system is displayed in the multi-information display. Refer to “Auto Stop & Go (AS&G) monitor” on page 5-8 or 5-19.
- If the AS&G system does not operate or it operates less frequently, the battery capacity may have decreased. Have your vehicle inspected by an authorised MITSUBISHI MOTORS dealer.

## Automatically stopping the engine

E00627501697

The AS&G system is automatically activated when the ignition switch is turned to the “ON” position or the operation mode is put in ON.

You can deactivate the system by pressing the AS&G OFF switch.

Refer to “To deactivate” on page 6-27.

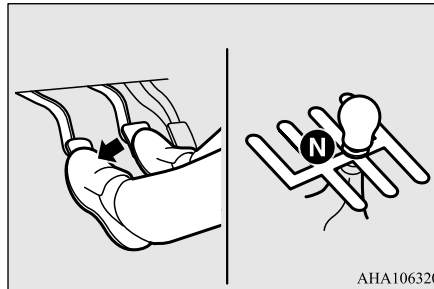
6-24 Starting and driving

When the AS&G system will operate, the AS&G indicator lamp or indicator display will turn on to inform the driver.



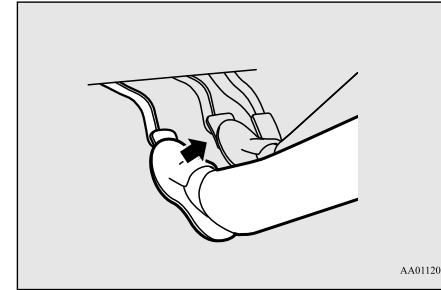
[For vehicles with M/T]

1. Stop the vehicle.
2. While depressing the brake pedal, fully depress the clutch pedal and place the gearshift lever in the “N” (Neutral) position.



AHA106320

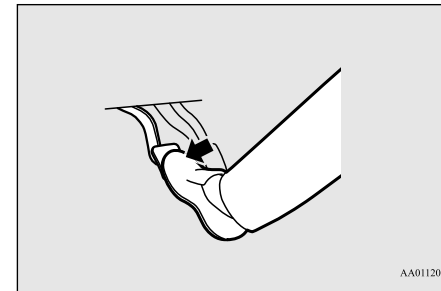
3. Release the clutch pedal. The engine will stop automatically.



AA0112064

[For vehicles with A/T]

1. Stop the vehicle.
2. Depressing the brake pedal. The engine will stop automatically.



AA0112080

### NOTE

- When the engine is automatically stopped, changes will occur in the driving operations. Pay careful attention to the following.

 **NOTE**

- The brake booster becomes inoperative and the pedal effort will increase. If the vehicle is moving, press down the brake pedal harder than usual.

 **CAUTION**

- When the engine is automatically stopped, do not attempt to exit the vehicle. Because the engine restarts automatically when the driver's seat belt is unfastened or the driver's door is opened, an unexpected accident might occur when the vehicle starts moving.
- Observe the following precautions when the engine is stopped automatically. Otherwise, an unexpected accident might occur when the engine restarts automatically.
  - Do not depress the accelerator pedal to race the engine while the vehicle is stopped (regardless of whether the engine is running or stopped).

 **NOTE**

- In the following cases, the AS&G indicator lamp or indicator display will turn off and the engine will not stop automatically.
  - Driver's seat belt is not fastened
  - Driver's door is opened
  - Bonnet is opened
  - After the engine starts, the vehicle speed has not exceeded approximately 5 km/h

 **NOTE**

- After the engine start, approximately 30 seconds or more have not elapsed
- After the engine restarts automatically, the vehicle stops again within 10 seconds
- Engine coolant temperature is low
- Ambient temperature is low
- When the heater is operated, vehicle indicator temperature is not still hot enough.
- Air conditioning is operating and passenger compartment has not sufficiently cooled
- Demister switch is pressed  
Refer to "Demisting of the windscreen and door windows" on page 7-6, 7-11, 7-16.
- When the air conditioning is operated in AUTO mode where the temperature control is set to the max. hot or the max. cool. (for vehicles with automatic climate control air conditioning)
- Electric power consumption is high, such as when the rear window demister or other electrical components are operating or the blower speed is set to a high setting
- Battery voltage or battery performance is low
- Check engine warning lamp is illuminated or the AS&G OFF indicator lamp or indicator display is blinking
- The selector lever is other than in the "D" (DRIVE) position (A/T)
- ASTC operation indicator and ASTC OFF indicator is turn on (A/T)
- ABS warning lamp is turn on

 **NOTE**

- A/T fluid temperature warning lamp will turn on/warning display will display (A/T)
- On 4WD vehicles, the 4WD selector in "4H" or "4L" (Easy Select 4WD), "4HLc" or "4LLc" (Super Select 4WD II)
- The Hill Descent Control (HDC) is operating (if so equipped)
- The rear differential lock is operating (if so equipped)
- In the following cases, the engine will not stop automatically even if the AS&G indicator lamp or indicator display turn on.
  - Press the accelerator pedal
  - Brake booster vacuum pressure is low
  - Brake pedal is not sufficiently depressed (A/T)
  - Operate the steering wheel {Electric power steering system (EPS)}
  - Parking brake operates (A/T)
  - Parking on steep hill
- Do not rest your foot on the clutch pedal while driving because this will cause detection of clutch pedal switch malfunction and blinking of AS&G OFF indicator lamp or indicator display, and AS&G system will not operate.



## Auto Stop & Go (AS&G) system

6

### NOTE

- If the AS&G system operates while the air conditioning is operating, both the engine and the air conditioning compressor will stop. Therefore, only the blower will operate, the windows may start to fog up. If this occurs, press the demister switch to restart the engine.  
Refer to “Demisting of the windscreen and door windows” on page 7-6, 7-11, 7-16.
- If the windows become fogged up each time the engine is stopped, we recommend you to deactivate the AS&G system by pressing the AS&G OFF switch. Refer to “To deactivate” on page 6-27.
- If the air conditioning is operating, set the temperature control higher to lengthen the time that the engine is stopped automatically.

### Automatically restarting the engine

E00627601409

On vehicles with M/T, depress the clutch pedal while the gearshift lever is in the “N” (Neutral) position. The AS&G indicator lamp or indicator display turns off and the engine restarts automatically.

On vehicles with A/T, Release the brake pedal. The AS&G indicator lamp or indicator display turns off and the engine restart automatically.

### NOTE

- On vehicle with M/T, do not move the gearshift lever to a position other than the “N” (Neutral) position or do not release the clutch pedal while the engine is restarting automatically. The starter motor will stop and the engine will not restart automatically.
- If the engine does not restart automatically or if the engine stalls, the charge warning lamp and check engine warning lamp will illuminate.  
If this occurs,  
[On vehicles with M/T]  
The engine will not restart even if the clutch pedal is depressed again. While depressing the brake pedal, fully depress the clutch pedal and turn the ignition switch to the “START” position or press the engine switch to start the engine.  
[On vehicles with A/T]  
The engine will not restart even if release the brake pedal again. Also, the AS&G OFF indicator lamp or indicator display turn on.  
While depressing the brake pedal, move the selector lever to the “P” (PARK) or “N” (NEUTRAL) position and turn the ignition switch to the “START” position or press the engine switch to start the engine.  
But the AS&G OFF indicator lamp or indicator display is blinking until turning the ignition switch to the “LOCK” position or putting the operation mode in OFF.  
For details, refer to “Starting and stopping the engine” on page 6-16.

### NOTE

- The vehicles with A/T have the function of preventing the unexpected start of the vehicle due to creeping, etc., by temporarily maintain the braking force applied when the engine restarts automatically.  
This function is deactivated if the selector lever is set into “N” (NEUTRAL) position. While the function is activated, you might hear operation noise from under the vehicle or feel a shock from the brake pedal.  
This indicates that the function is operating normally. It does not indicate a malfunction.

### CAUTION

- In the following cases, the engine will restart automatically even if the engine was stopped by the AS&G system. Pay careful attention, otherwise an unexpected accident might occur when the engine restarts.
  - Vehicle speed is 3 km/h or higher when coasting down a slope
  - Brake booster vacuum pressure is low because the brake pedal is depressed repeatedly or depressed harder than usual
  - Engine coolant temperature is low
  - When the air conditioning is operated by pressing the air conditioning switch
  - When the preset temperature of the air conditioning is changed significantly

**CAUTION**

- When the air conditioning is operated in AUTO mode where the temperature control is set to the max. hot or the max. cool (for vehicles with automatic climate control air conditioning)
- When the air conditioning is ON, the passenger compartment temperature rises and the air conditioning compressor operates to lower the temperature
- Demister switch is pressed  
Refer to “Demisting of the windscreen and door windows” on page 7-6, 7-11, 7-16.
- Electric power consumption is high, such as when the rear window demister or other electrical components are operating or the blower speed is set to a high setting
- Battery voltage or battery performance is low
- Move the selector lever to the “R” (REVERSE) position (A/T)
- Move the selector lever from the “N” (NEUTRAL) to “D” (DRIVE) position (A/T)
- Operate the steering wheel (EPS)
- Driver’s seat belt is unfastened
- Driver’s door is opened
- Press the HDC switch. (if so equipped)
- Press the AS&G OFF switch.

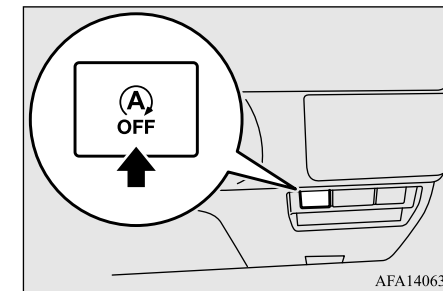
**NOTE**

- In the following cases, the engine will not restart automatically.
  - Bonnet is opened.
- When the engine restarts automatically, decrease in audio volume may temporarily be experienced. This does not indicate a malfunction.
- While the engine is stopped automatically, the air volume change of the air conditioning may temporarily be experienced. This does not indicate a malfunction.
- On vehicles with A/T, while the engine is stopped automatically, if the selector lever is moved to the “P” (PARK) position quickly with the brake pedal firmly depressed, the engine does not restart automatically even if you release the brake pedal.  
If you want to restart the engine, depress the brake pedal again.  
If you want to put the operation mode in OFF, press the engine switch. (Vehicles equipped with the keyless operation system)

**To deactivate**

The AS&G system is automatically activated when the ignition switch is turned to the “ON” position or the operation mode put in ON. You can deactivate the system by pressing the AS&G OFF switch.

When the AS&G system is deactivated, the AS&G OFF indicator lamp or indicator display will be turned on.  
To reactivate the AS&G system, press the AS&G OFF switch; the indicator will turn off.



**6**



**NOTE**

- This display will also turn on for a few seconds when the ignition switch is turned to the “ON” position or the operation mode put in ON.

## Manual transmission\*

### If the AS&G OFF indicator lamp or indicator display blinks while driving

E00627801313

If the AS&G OFF indicator lamp or indicator display blinks, the AS&G system is malfunctioning and will not operate.

We recommend you to consult an authorised MITSUBISHI MOTORS dealer.

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### Manual transmission\*

E00602002643

The shift pattern is shown on the gearshift lever knob. Press the clutch pedal all the way down while shifting gears. To start off, press the clutch pedal all the way down and shift into 1st or “R” (Reverse) position, operating the gearshift lever slowly.

Then gradually release the clutch pedal while depressing the accelerator pedal.

#### **CAUTION**

- Do not put the gearshift lever into the reverse position while the vehicle is moving forward. Doing so could damage the transmission.
- Do not rest your foot on the clutch pedal while driving as this will cause premature clutch wear or damage.
- Do not coast in the “N” (Neutral) position.

#### **CAUTION**

- Do not use the gearshift lever as a hand rest, because this can result in premature wear of the transmission shift forks.
- Quick or slight clutch engagement made while the engine is running at high speed will cause damage to the clutch and transmission because the tractive force is very great.

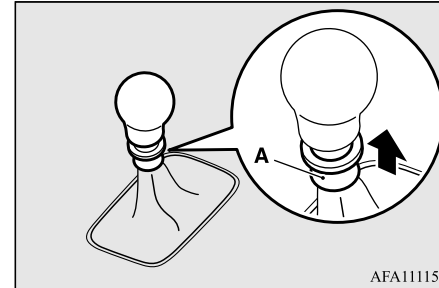
#### **NOTE**

- During cold weather, shifting may be difficult until the transmission lubricant has warmed up. This is normal and not harmful to the transmission.
- If it is hard to shift into 1st, depress the clutch pedal again; the shift will then be easier to make.
- On vehicles with 6 M/T, in case of hot weather condition or long time cruising with high speed, a speed limitation function may work to restrict the oil temperature rising of the manual transmission. After the oil temperature drops to the appropriate level, the speed limitation function is cancelled.

### Moving the gearshift lever to the “R” (Reverse) position

E00615401455

Pull up the pull-ring (A), then move the gearshift lever to the “R” (Reverse) position with the pull-ring still pulled.



AFA111159

#### **CAUTION**

- Do not pull up the pull-ring (A) when moving the gearshift lever to any position other than the “R” (Reverse) position. If you always pulled up the pull-ring (A) when moving the gearshift lever, you could unintentionally move the gearshift lever to the “R” (Reverse) position and cause an accident and/or a transmission fault.

The pull-ring will return to its original position when you return the gearshift lever to the “N” (Neutral) position.

Manual transmission\*

**⚠ CAUTION**  
 ● If the pull-ring will not return from the pulled-up position, we recommend you to have the vehicle inspected.

**Possible driving speed**

E00610803432

Avoid shifting down at high speed, as this may cause excessive engine speed (the tachometer needle into the red zone) and damage the engine.

**2WD models**

■ **Single cab**

Shift point	Speed limit
1st gear	30 km/h
2nd gear	60 km/h
3rd gear	100 km/h
4th gear	150 km/h
5th gear	163 km/h

Use 6th gear whenever vehicle speed allows, for maximum fuel economy.

■ **Club cab and Double cab**

Shift point	Speed limit	
	Normal power	High power
1st gear	30 km/h	30 km/h
2nd gear	60 km/h	60 km/h
3rd gear	100 km/h	100 km/h
4th gear	150 km/h	150 km/h
5th gear	163 km/h	180 km/h

Use 6th gear whenever vehicle speed allows, for maximum fuel economy.

**4WD models**

■ **Easy select 4WD**

Shift point	Speed limit	
	2H, 4H	4L
1st gear	30 km/h	10 km/h
2nd gear	55 km/h	20 km/h
3rd gear	95 km/h	35 km/h
4th gear	140 km/h	55 km/h
5th gear	170 km/h	70 km/h

Use 6th gear whenever vehicle speed allows, for maximum fuel economy.

■ **Super select 4WD II**

Shift point	Speed limit	
	2H, 4H, 4HLc	4LLc
1st gear	30 km/h	10 km/h
2nd gear	60 km/h	20 km/h
3rd gear	100 km/h	40 km/h
4th gear	150 km/h	55 km/h
5th gear	180 km/h	75 km/h

Use 6th gear whenever vehicle speed allows, for maximum fuel economy.

**6**

## Automatic transmission Sports Mode 6A/T\*

### Automatic transmission Sports Mode 6A/T\*

E00603202189

#### NOTE

- During running-in period or immediately after reconnection of the battery cable, there may be a case where gear shifts are not made smoothly. This does not indicate a faulty transmission.

Gear shifts will become smooth after the transmission has been shifted several times by the electronic control system.

6

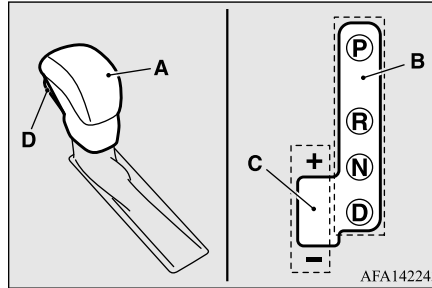
### Selector lever operation

E00603302500

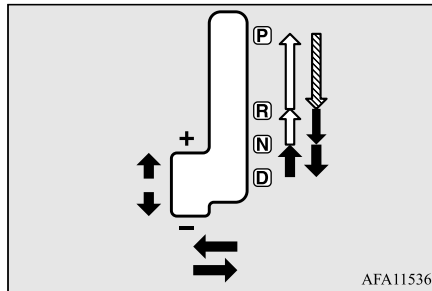
The transmission has 6 forward gears and 1 reverse gear.

The individual gears are selected automatically, depending on the speed of the vehicle and the position of the accelerator pedal.

The selector lever (A) has 2 gates; the main gate (B) and the sports mode gate (C).



In the main gate, selector lever has four positions, and is equipped with a lock button (D) to avoid inadvertent selection of the wrong gear.



AFA115362



The lock button must be pressed while the brake pedal is depressed to move the selector lever.



The lock button must be pressed to move the selector lever.



The lock button need not be pressed to move the selector lever.

#### WARNING

- If the lock button is always pressed to operate the selector lever, the lever may be accidentally shifted into the “P” (PARK) or “R” (REVERSE) position. Be sure not to press the lock button when performing the operations indicated by ↓ in the illustration.
- Always depress the brake pedal when shifting the selector lever into a gear from the “P” (PARK) or “N” (NEUTRAL) position. Never put your foot on the accelerator pedal while shifting the selector lever from the “P” (PARK) or “N” (NEUTRAL) position.

#### NOTE

- To avoid erroneous operation, move the selector lever firmly into each position and briefly hold it there. Always check the position shown by the selector lever position display after moving the selector lever.

**NOTE**

- If the brake pedal is not depressed and held, the shift-lock device activates to prevent the selector lever from being moved from the “P” (PARK) position.

**When the selector lever cannot be shifted from the “P” (PARK) position**

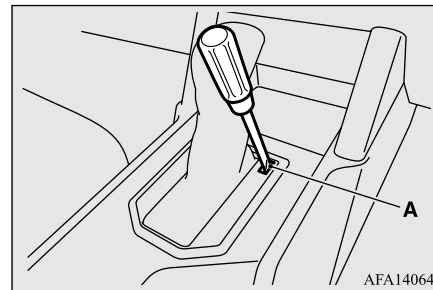
E00629101482

When the selector lever cannot be shifted from the “P” (PARK) position to another position while the brake pedal is pressed and held down with the ignition switch at the “ON” position or the operation mode in ON, the battery may be flat or the shift-lock mechanism may be malfunctioning. Immediately have your vehicle checked by an authorised MITSUBISHI MOTORS dealer.

If you need to move the vehicle, shift the selector lever as follows.

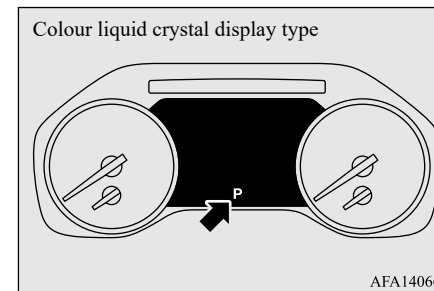
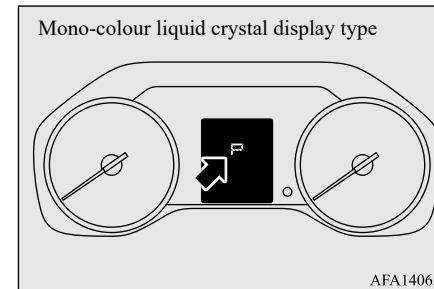
1. Make sure the parking brake is fully applied.
2. Stop the engine if it is running.
3. Depress the brake pedal with the right foot.

4. Insert a straight blade (or minus) screwdriver or the emergency key in the shift-lock release hole (A). Shift the selector lever to the “N” (NEUTRAL) position while pressing the straight blade (or minus) screwdriver or the emergency key down.

**Selector lever position display**

E00603502195

When the ignition switch is turned to the “ON” position or the operation mode is put in ON, the position of the selector lever is indicated in the multi-information display.

**Selector lever positions**

E00603801973

**“P” PARK**

This position locks the transmission to prevent the vehicle from moving. The engine can be started in this position.

## “R” REVERSE

This position is to back up.

### ⚠ CAUTION

- Never shift into the “P” (PARK) or “R” (REVERSE) position while the vehicle is in motion to avoid a transmission damage.

6

## “N” NEUTRAL

At this position the transmission is disengaged. It is the same as the neutral position on a manual transmission, and should only be used when the vehicle is stationary for an extended length of time during driving, such as in a traffic jam.

### ⚠ WARNING

- Never move the selector lever to the “N” (NEUTRAL) position while driving. A serious accident could occur since you could accidentally move the lever into the “P” (PARK) or “R” (REVERSE) position or you will lose engine braking.
- On a gradient, the engine should be started in the “P” (PARK) position, not in the “N” (NEUTRAL) position.

### ⚠ WARNING

- To prevent rolling, always keep your foot on the brake pedal when the vehicle is in “N” (NEUTRAL) position, or when shifting into or out of “N” (NEUTRAL) position.

## “D” DRIVE

This position is used for most city and highway driving. The transmission will automatically change its gear depending on road and driving conditions.

### ⚠ CAUTION

- To prevent transmission damage, never shift into the “D” (DRIVE) position from the “R” (REVERSE) position while the vehicle is in motion.

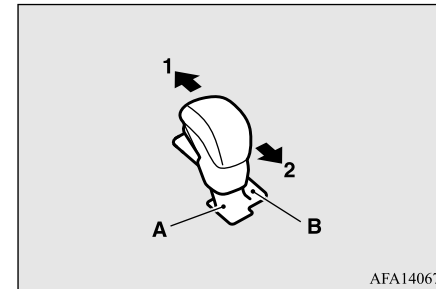
## Sports mode

E00603902900

Whether the vehicle is stationary or in motion, sports mode is selected by gently pushing the selector lever from the “D” (DRIVE) position into the sports mode gate (A).

To return to “D” range operation, gently push the selector lever back into the main gate (B).

In sports mode, gear shifts can be made rapidly simply by moving the selector lever backward and forward. In contrast to a manual transmission, the sports mode allows gear shifts with the accelerator pedal depressed.



### 1- + (SHIFT UP)

The transmission shifts up by one gear with each operation.

### 2- - (SHIFT DOWN)

The transmission shifts down by one gear with each operation.

### ⚠ CAUTION

- In sports mode, the driver must execute upward shifts in accordance with prevailing road conditions, taking care to keep the engine speed below the red zone.
- Repeated continuous operation of the selector lever will continuously switch shift position.

**NOTE**

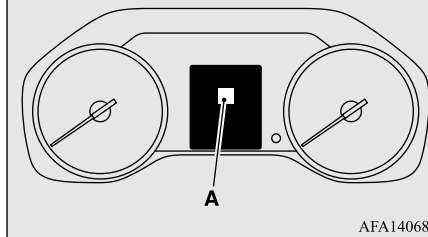
- Only the 6 forward gears can be selected. To reverse or park the vehicle, move the selector lever to the “R” (REVERSE) or “P” (PARK) position as required.
- To maintain good running performance, the transmission may refuse to perform an upshift when the selector lever is operated to the “+ (SHIFT UP)” position at certain vehicle speeds. Also, to prevent over-revving of the engine, the transmission may refuse to perform a downshift when the selector lever is operated to the “- (SHIFT DOWN)” position at certain vehicle speeds. When this happens, a buzzer sounds to indicate that a downshift is not going to take place.
- Downward shifts are made automatically when the vehicle slows down. When the vehicle stops, 1st gear is automatically selected.
- When driving away on a slippery road, push the selector lever forward into the “+ (SHIFT UP)” position. This cause the transmission to shift into the 2nd gear which is better for smooth driving away on a slippery road. Push the selector lever to the “- (SHIFT DOWN)” side to shift back to the 1st gear.

**Sports mode indicator**

E00612301785

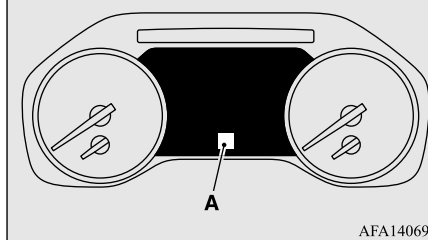
In sports mode, the currently selected position is indicated by the indicator (A) shown in the multi-information display.

Mono-colour liquid crystal display type



AFA140685

Colour liquid crystal display type



AFA140698

**When a malfunction occurs in the A/T**

E00615101667

**Vehicles equipped with the mono-colour liquid crystal display**

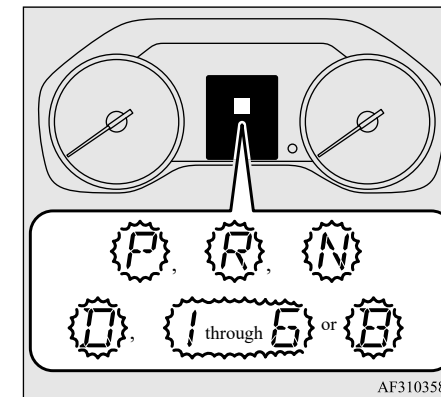
E00660800087

**■ When the selector lever position display blinks**

E00660900091

When the selector lever position display blinks while you are driving, there could be a malfunction in the A/T system.

**6**



AF3103585



## Automatic transmission Sports Mode 6A/T\*

### NOTE

- “B” indicator does blink only the condition that the A/T position switch is broken. It does not indicate in normal driving condition.

### CAUTION

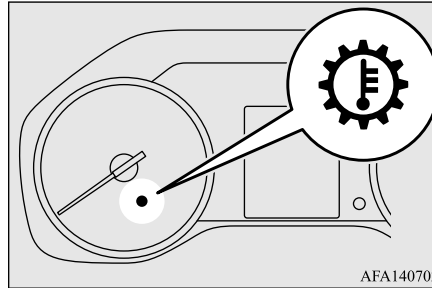
- If the selector lever position display blinks while you are driving, it is likely that a safety device is operating because of a malfunction in the A/T. Have the vehicle inspected by an authorised MITSUBISHI MOTORS dealer immediately.

6

### ■ When the A/T fluid temperature warning lamp comes on

E0066100031

The A/T fluid temperature warning lamp comes on and a buzzer may sound, when the A/T fluid temperature becomes abnormally high.





### CAUTION

- If the lamp comes on, reduce the engine speed and stop the vehicle in a safe area. Then set the selector lever to “P” (PARK) position and idle the engine until the warning lamp goes off. When the warning lamp goes off, resume normal driving. If the warning lamp does not go off, please have your vehicle inspected by an authorised MITSUBISHI MOTORS dealer.


### Vehicles equipped with the colour liquid crystal display

E00661100218


There could be a system malfunction if the  warning display or the  warning display is displayed on the information screen in the multi-information display.

 Transmission Overheating Slow Down



or


 Transmission Malfunction Service Now

### NOTE

- The buzzer may sound at the time of  warning display appears.
- The “B” indicator on the selector lever position display will appear if there is a problem with the A/T position switch. It is not seen during normal driving.


### CAUTION


- If malfunction occurs in the A/T while driving, the  warning display or the  warning display appears on the information screen in the multi-information display. In this case, immediately park your vehicle in a safe place and follow these procedures:

When  warning display is showing  
The A/T fluid is overheating. The engine control may activate to lower the A/T fluid temperature, causing the engine revolutions and vehicle speed to decrease, or the gear shift timing may change by activating the A/T control. In this case, take one of the following procedures.

**⚠ CAUTION**

- Slow down your vehicle.
- Stop your vehicle in a safe place, put the selector lever in the “P” (PARK) position, and open the bonnet with the engine running to allow the engine to cool down.

After a while, confirm that the  warning display is no longer showing. It is safe to continue driving if the display is no longer showing. If the warning display remains, have your vehicle inspected by an authorised MITSUBISHI MOTORS dealer immediately.

When  warning display is showing  
It may be that there is something unusual happening in the A/T, causing a safety device to activate. Have your vehicle inspected by an authorised MITSUBISHI MOTORS dealer immediately.

**Operation of the A/T**

E00604201903

**⚠ CAUTION**

- Before selecting a gear with the engine running and the vehicle stationary, fully depress the brake pedal to prevent the vehicle from creeping.  
The vehicle will begin to move as soon as the gear is engaged, especially when the engine speed is high, at fast idle or with the air conditioning operating, the brakes should only be released when you are ready to drive away.
- Depress the brake pedal with the right foot at all times.  
Using the left foot could cause driver movement delay in case of an emergency.
- To prevent sudden acceleration, never race the engine when shifting from the “P” (PARK) or “N” (NEUTRAL) position.
- Operating the accelerator pedal while the other foot is resting on the brake pedal will affect braking efficiency and may cause premature wear of brake pads.

**⚠ CAUTION**

- Use the selector lever in the correct shift position in accordance with driving conditions.  
Never coast downhill backward with the selector lever in the {“D” (DRIVE) or sports mode} or coast forward with the selector lever in the “R” (REVERSE) position.  
The engine may stop and the unexpected increase in brake pedal effort and steering wheel weight could lead to an accident.
- Do not race the engine with brake pedal pressed when the vehicle is stationary.  
This can damage the A/T.  
Also, when you depress the accelerator pedal while holding down the brake pedal with the selector lever in the “P” (PARK), “N” (NEUTRAL) or “D” (DRIVE) position, the engine revolutions may not rise as high as when performing the same operation with the selector lever in the “N” (NEUTRAL) position.

**6****Passing acceleration**

E00604501430

To gain extra acceleration in “D” (DRIVE) position, depress the accelerator to the floor. The A/T will automatically downshift.

** NOTE**

- In sports mode, downshifts do not take place when the accelerator is depressed all the way to the floor.

## Easy Select 4WD\*

### Waiting

E00604601428

For short waiting periods, such as at traffic signals the vehicle can be left in gear and held stationary with the service brake.

For longer waiting periods with the engine running, place the selector lever in the “N” (NEUTRAL) position and apply the parking brake, while holding the vehicle stationary with the service brake.

6

### CAUTION

- Never hold the vehicle stationary on a hill using the accelerator pedal (without using the brake pedal). Always apply the parking brake and/or service brakes.

### Parking

E00604701360

To park the vehicle, first bring it to a complete stop, fully engage the parking brake, and then move the selector lever to the “P” (PARK) position.

If you are going to leave the vehicle unattended, always switch off the engine and carry the key.

### NOTE

- On a slope, be sure to apply the parking brake before moving the selector lever to the “P” (PARK) position. If you move the selector lever to the “P” (PARK) position before applying the parking brake, it may be difficult to disengage the selector lever from the “P” (PARK) position when next you drive the vehicle, requiring application of a strong force to the selector lever to move from the “P” (PARK) position.

### When the A/T makes no speed change

E00604802052

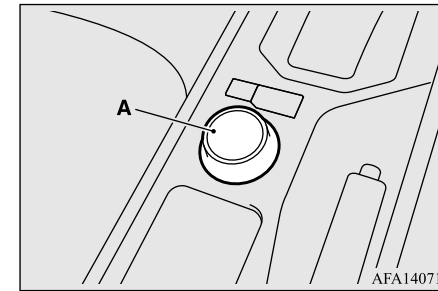
If the transmission does not change speeds while driving, or your vehicle does not pick up enough speed when starting on an uphill slope, it may be that there is something unusual happening in the transmission, causing a safety device to activate. Have your vehicle checked at an authorised MITSUBISHI MOTORS dealer immediately.

### Easy Select 4WD\*

E00614701363




Shifting to rear-wheel drive or 4-wheel drive can be made by operating the 4WD selector (A). Set the 4WD selector to an appropriate position according to the road surface condi-

tions. The 2WD/4WD operation indicator lamp indicate the 4WD selector setting state. Refer to “2WD/4WD operation indicator lamp and low-range indicator lamp” on page 6-39.




**4WD selector position, 2WD/4WD operation indicator lamp and low-range indicator lamp**

E00641100140

4WD selector position		Indicator lamp	Driving conditions
2H	Rear-wheel drive		When driving on dry paved road.
4H	4-wheel drive		When driving on rough, sand, muddy or deep snow roads.
4L	Low range 4-wheel drive		When driving up or down steep hills, on 4H situations (especially when increased torque is required).

**6**

 : Illuminate

 : Remain off

**⚠ CAUTION**

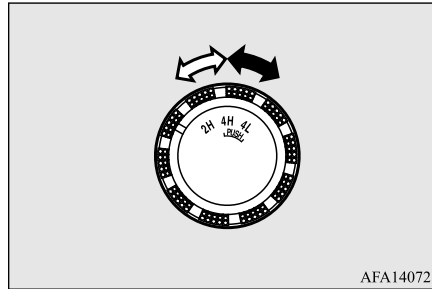
- The “4L” range gives maximum torque for low-speed driving on steep slopes, as well as sandy, muddy, and other difficult surfaces. On vehicles with A/T, do not exceed speeds of approximately 70 km/h in “4L” range.
- Do not drive your vehicle in the “4H” or “4L” on dry paved roads and highways. Doing so may result in excessive tyre wear, increased fuel consumption, and possible noise generation. It may also increase the differential oil temperature, which may damage the drive system. Further, the drive train will be subjected to excessive loading, resulting in oil leakage, component seizure, or other serious problems. On dry paved roads and highways, drive the vehicle in “2H” only.

## Easy Select 4WD\*

### 4WD selector operation

E00641200109

The 4WD mode is shown on the 4WD selector.



➡: Turn the 4WD selector while holding it down

The 4WD selector should be positioned in accordance with the following operating conditions:

6

↔: Turn the 4WD selector

To shift from	To	Procedure	
		Vehicles with M/T	Vehicles with A/T
2H	4H	The 4WD selector can be operated while the vehicle is either moving or stationary. When the vehicle is not in motion, shift the gearshift lever to the “N” (Neutral) position before operating the 4WD selector.	The 4WD selector can be operated while the vehicle is either moving or stationary. When the vehicle is not in motion, shift the selector lever to the “N” (NEUTRAL) position before operating the 4WD selector.
4H	2H	When the vehicle is moving, and only while it can be steered straight ahead, release the accelerator pedal before operating the 4WD selector.	When the vehicle is moving, and only while it can be steered straight ahead, shift the selector lever to the “D” (DRIVE) position, and release the accelerator pedal before operating the 4WD selector.
4H	4L	Stop the vehicle, depress the clutch pedal to the floor and operate the 4WD selector.	Stop the vehicle, shift the selector lever to the “N” (NEUTRAL) position, and operate the 4WD selector.
4L	4H	Keep depressing the clutch pedal while 2WD/4WD operation indicator lamp continues to blink.	If the select lever is operated in any position other than “N” (NEUTRAL) while the 2WD/4WD operation indicator lamp is blinking, gear noise may occur.

**⚠ CAUTION**

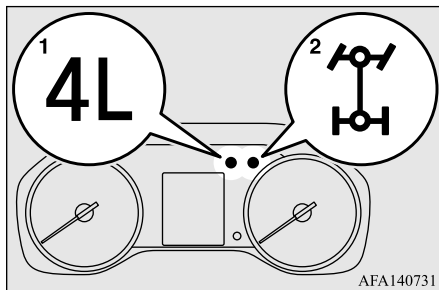
- Do not operate the 4WD selector while the rear wheels of the vehicle are slipping on snow or ice.

**📖 NOTE**

- Setting of the 4WD selector between “2H” ↔ “4H” should only be done at speeds below 100 km/h.
- During driving, never attempt to shift between “4H” ↔ “4L”.
- When shifting from “2H” to “4H” in cold weather while the vehicle is in motion, the transfer gear may make some noise. In cold weather, try to shift the gear while the vehicle is stopped.
- When shifting between “4H” and “4L”, the transfer gear may make some noise.
- While the vehicle is stopped, check that “2H” ↔ “4H” switching is complete, and that the 2WD/4WD operation indicator lamp does not blink. Drive slowly and normally after confirming that the lamp is illuminated. Refer to “2WD/4WD operation indicator lamp and low-range indicator lamp” on page 6-39.
- When the 4WD selector is set between “2H” ↔ “4H” while the cruise control function is activated, the transfer gear may make some noise.
- When the 4WD selector is set between “4H” ↔ “4L” in cold weather, its selection may not complete. Return the 4WD selector to its previous position. After the engine is warmed up, make the range selection again.

**6****2WD/4WD operation indicator lamp and low-range indicator lamp**

E00641300096









When the ignition switch is in the “ON” position, the low-range indicator lamp (1) and the 2WD/4WD operation indicator lamp (2) shows the shifting condition. The 2WD/4WD operation indicator lamp comes on at each 4WD selector position as follows:

Easy Select 4WD\*

“2H” ↔ “4H”

6

4WD selector position	Indicator lamp
2H	
4WD mode switching in progress	
4H	

-  : Blink
-  : Illuminate
-  : Remain off










**NOTE**



- When the 4WD selector is set between 2H ↔ 4H, the 2WD/4WD operation indicator lamp blinks while the selection is in process. Take the following precautions when the indicator lamp is blinking.


**NOTE**

- Keep the steering wheel in the straight ahead position while making range selections. If you attempt to drive forward with the steering wheel turned, gear rattling or shock may occur and cornering may not be smooth and the desired range may not actually be selected.
- When the 4WD selector is set between “2H” ↔ “4H” while the vehicle is stopped, the 2WD/4WD operation indicator lamp blinks while the selection is in process. Drive slowly and normally after confirming that the lamp is switched.
- If the 2WD/4WD operation indicator lamp continues blinking after a “2H” ↔ “4H” selection has been made with the vehicle moving, hold the steering wheel in the straight ahead position and slowly depress the accelerator pedal several times.

“4H” ↔ “4L”

4WD selector position	Indicator lamp	
4H		
4WD mode switching in progress		 and 
4L	 and 	 and 

-  : Blink
-  : Illuminate

 : Remain off


**CAUTION**

- If a problem is detected in the transfer system, a safety device will activate. The 2WD/4WD operation indicator blinks rapidly (twice per second), and transfer shifting will become impossible. Park your vehicle in a safe place, turn off the engine for a few moments.  
Restart the engine. The lamp should resume normal operation. If the lamp continue to blink, have the vehicle checked by an authorised MITSUBISHI MOTORS dealer immediately.

**NOTE**

- The 2WD/4WD operation indicator lamp will blink during shifting process from “4H” to “4L” or vice versa, as the transfer passes through the neutral position.  
Be sure to operate the 4WD selector until the 2WD/4WD operation indicator lamp illuminates again.
- When parking, apply the parking brake before stopping the engine and make sure that the 2WD/4WD operation indicator is not blinking during shifting process between “4H” ↔ “4L”. Otherwise, the vehicle could unexpectedly move even if the A/T is in the “P” (PARK) position.

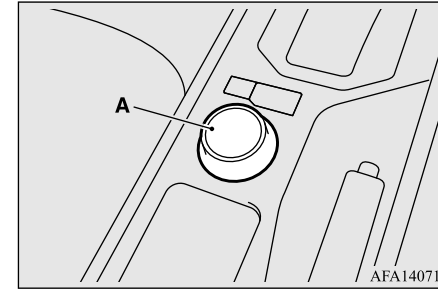
**NOTE**

- If, after a “4H” ↔ “4L” selection has been made, the 2WD/4WD operation indicator continues blinking and the desired range is not actually selected, return the 4WD selector to its previous position. Place the steering wheel in the straight ahead position, drive the vehicle forward, and release the accelerator pedal. Next, hold down the clutch pedal (with M/T) or place the selector lever in the “N” (NEUTRAL) position (with A/T) and make the range selection again.
- On vehicles with the Active Stability & Traction Control (ASTC), the active stability control function is suspended while “4L” is selected.  indicator lamp is illuminated while these functions are suspended. It does not indicate a problem. When “2H” or “4H” is selected, this lamp goes out and function again. Refer to “ASTC indicator lamp or ASTC OFF indicator lamp” on page 6-72.

**Super Select 4WD II\***

E00605701585


Shifting to rear-wheel drive or 4-wheel drive can be made by operating the 4WD selector (A). Set the 4WD selector to an appropriate position according to the road surface conditions. The 4WD indicator and the 2WD/4WD operation display indicate the 4WD selector setting state. Refer to “4WD indicator and 2WD/4WD operation display” on page 6-44.



**6**

**4WD selector position, 4WD indicator and 2WD/4WD operation display**



E00605801674

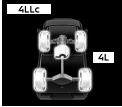
4WD selector position		4WD indicator and 2WD/4WD operation display	Driving conditions
2H	Rear-wheel drive		When driving economically on dry paved roads. Runs with rear-wheel drive.



Super Select 4WD II\*

**6**

4WD selector position		4WD indicator and 2WD/4WD operation display	Driving conditions
4H	Full-time 4-wheel drive		When driving on paved roads or slippery roads in any conditions. Runs with 4-wheel drive.
4HLc	Centre differential lock engaged 4-wheel drive		When driving on rough, sand, muddy or deep snow roads.

4WD selector position		4WD indicator and 2WD/4WD operation display	Driving conditions
4LLc	Low range centre differential lock engaged 4-wheel drive		When driving up or down steep hills, on 4HLc situations (especially when increased torque is required).

□ : Illuminate

■ : Remain off

**CAUTION**

- The “4LLc” range gives maximum torque for low-speed driving on steep slopes, as well as sandy, muddy, and other difficult surfaces. On vehicles with A/T, do not exceed speeds of approximately 70 km/h in “4LLc” range.

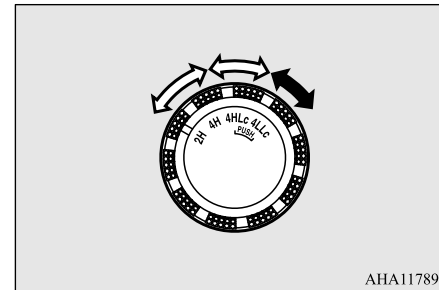
**CAUTION**

- Do not drive your vehicle in the “4HLc” or “4LLc” position on dry paved roads and highways. Doing so may result in excessive tyre wear, increased fuel consumption, and possible noise generation. It may also increase the differential oil temperature, which may damage the drive system. Further, the drive train will be subjected to excessive loading, resulting in oil leakage, component seizure, or other serious problems. On dry paved roads and highways, drive the vehicle in “2H” or “4H” only.

**4WD selector operation**

E00605901705

The 4WD mode is shown on the 4WD selector.



AHA117896

↻: Turn the 4WD selector

➡: Turn the 4WD selector while holding it down

The 4WD selector should be positioned in accordance with the following operating conditions:

To shift from	To	Procedure	
		Vehicles with M/T	Vehicles with A/T
2H	4H	The 4WD selector can be operated while the vehicle is either moving or stationary. When the vehicle is not in motion, shift the gearshift lever to the “N” (Neutral) position before operating the 4WD selector.	The 4WD selector can be operated while the vehicle is either moving or stationary. When the vehicle is not in motion, shift the selector lever to the “N” (NEUTRAL) position before operating the 4WD selector.
4H	2H or 4HLc	When the vehicle is moving, and only while it can be steered straight ahead, release the accelerator pedal before operating the 4WD selector.	When the vehicle is moving, and only while it can be steered straight ahead, shift the selector lever to the “D” (DRIVE) position, and release the accelerator pedal before operating the 4WD selector.
4HLc	4H	Stop the vehicle, depress the clutch pedal to the floor and operate the 4WD selector.	Stop the vehicle, shift the selector lever to the “N” (NEUTRAL) position, and operate the 4WD selector.
4HLc	4LLc	Keep depressing the clutch pedal while the 2WD/4WD operation display continues to blink.	If the select lever is operated in any position other than “N” (NEUTRAL) while the 2WD/4WD operation display is blinking, gear noise may occur.
4LLc	4HLc		

6

**⚠ CAUTION**

- Do not operate the 4WD selector while the rear wheels of the vehicle are slipping on snow or ice.

**📖 NOTE**

- Setting of the 4WD selector between “2H”, “4H” and “4HLc” should only be done at speeds below 100 km/h.
- During driving, never attempt to shift between “4HLc” ↔ “4LLc”.
- When shifting between “2H”, “4H” and “4HLc” in cold weather while the vehicle is in motion, the transfer gear may make some noise. In cold weather, try to shift the gear while the vehicle is stopped.

## Super Select 4WD II\*

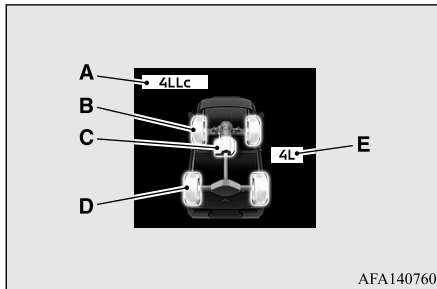
### NOTE

- When shifting between “4LLc” and “4HLc”, the transfer gear may make some noise.
- While the vehicle is stopped, check that switching between “2H”, “4H”, and “4HLc” is complete, and that the 2WD/4WD operation display does not blink. Drive slowly and normally after confirming that the display is illuminated. Refer to “4WD indicator and 2WD/4WD operation display” on page 6-44.
- When the 4WD selector is set between “2H”, “4H” and “4HLc” while the cruise control function is activated, the transfer gear may make some noise.
- When the 4WD selector is set between “4HLc” ↔ “4LLc” in cold weather, its selection may not complete. Return the 4WD selector to its previous position. After the engine is warmed up, make the range selection again.

## 6

### 4WD indicator and 2WD/4WD operation display

E00606001790






AFA140760

- A: 4WD indicator
- B: Front wheel indicator display
- C: Centre differential lock indicator display
- D: Rear wheel indicator display
- E: Low-range indicator display


When the operation mode is put in ON, 4WD indicator (A) and 2WD/4WD operation display

play (B, C, D, E) shows the shifting condition. The 4WD indicator and 2WD/4WD operation display comes on at each 4WD selector position as follows:

### “2H” ↔ “4H”

4WD selector position	Indicator display
2H	
4WD mode switching in progress	
4H	

: Blink (4WD indicator also blinks)

: Illuminate

■ : Remain off

“4H” ↔ “4HLc”

4WD selector position	Indicator display
4H	
4WD mode switching in progress	
4HLc	

: Blink (4WD indicator also blinks)

: Illuminate

: Remain off

“4HLc” ↔ “4LLc”

4WD selector position	Indicator display	
4HLc		
4WD mode switching in progress		
4LLc		

: Blink (4WD indicator also blinks)

: Illuminate

: Remain off

**CAUTION**

- If the warning display is displayed on the information screen in the multi-information display, a problem has occurred with the Super Select 4WD II and the safety device has activated. If this happens, please contact your nearest authorised MITSUBISHI MOTORS dealer for inspection immediately.

4WD Error  
See Owner's Manual

**6**

**NOTE**

- When the 4WD selector is set between “2H”, “4H” and “4HLc”, the front wheel and/or centre differential lock displays blink while the selection is in process. Take the following precautions when the indicator display is blinking.
  - Keep the steering wheel in the straight ahead position while making range selections. If you attempt to drive forward with the steering wheel turned, gear rattling or shock may occur and cornering may not be smooth and the desired range may not actually be selected.
  - When the 4WD selector is set between “2H”, “4H” and “4HLc”, while the vehicle is stopped, the front wheel and/or centre differential lock displays blink while the selection is in process. Drive slowly and normally after confirming that the display is switched.

 **NOTE**

- If the front wheel and/or centre differential lock displays blinking after a “2H” ↔ “4H” ↔ “4HLc” selection has been made with the vehicle moving, hold the steering wheel in the straight ahead position and slowly depress the accelerator pedal several times.
- The front and the rear wheel displays will blink during shifting process from “4HLc” to “4LLc” or vice versa, as the transfer passes through the neutral position. Be sure to operate the 4WD selector until the front and the rear wheel displays illuminate again.
- When parking, apply the parking brake before stopping the engine and make sure that the front and the rear wheel displays are not blinking during shifting process between “4HLc” ↔ “4LLc”. Otherwise, the vehicle could unexpectedly move even if the A/T is in the “P” (PARK) position.
- If, after a “4HLc” ↔ “4LLc” selection has been made, front and the rear wheel displays continue blinking and the desired range is not actually selected, return the 4WD selector to its previous position. Place the steering wheel in the straight ahead position, drive the vehicle forward, and release the accelerator pedal. Next, hold down the clutch pedal (with M/T) or place the selector lever in the “N” (NEUTRAL) position (with A/T), depress and hold the brake pedal and make the range selection again.


 **NOTE**

- If the selector lever is shifted from the “N”(NEUTRAL) position to the other position during shifting process between “4HLc” ↔ “4LLc”, the warning display will appear and the shifting process will be stopped (A/T).



- If the clutch pedal is released during shifting process between “4HLc” ↔ “4LLc”, the warning display will appear and the shifting process will be stopped (M/T).




- On vehicles with the Active Stability & Traction Control (ASTC), the active stability control function is suspended while “4LLc” is selected.  indicator lamp is illuminated while these functions are suspended. It does not indicate a problem. When “2H” or “4H” or “4HLc” is selected, this lamp goes out and function again. Refer to “ASTC indicator lamp or ASTC OFF indicator lamp” on page 6-72.

**Drive mode selector\***

E00699900022

The Drive mode is the function that helps to enhance driving performance, and vehicle stability over a wide range of the driving style of driving condition by selecting the most suitable characteristics of engine, transmission, EPS, AYC (Active Yaw Control) and brake control according to the road surface conditions. This function available for only Super Select 4WD II. Also refer to “Super Select 4WD II” on page 6-41.

 <b>NOTE</b>
<ul style="list-style-type: none"> <li>● If the driver fails to select an appropriate mode in the Drive mode, driving will be difficult.</li> <li>● Depending on the mode selected, you may hear the operation noise or feel the vibration, or shock on the vehicle body.</li> </ul>

**6**

**Drive mode**

E00663400042

It is possible to select the Drive mode from the followings according to the road surface conditions.

Drive mode	Functions	4WD selector position
		Super Select 4WD
NORMAL	This mode offers well-balanced driving performance with efficiency in various road conditions.	All mode
ECO	This mode supports ecological and economical driving by optimised power-train characteristic.	2H
GRAVEL	This mode is for driving on rough road surfaces such as flat unpaved roads or wet paved roads and improves straightability on rough road and powerful launching acceleration. NOTE: When the GRAVEL mode is selected, the Adaptive Cruise Control (ACC) functions are affected.	4H

Drive mode selector\*

**6**

Drive mode	Functions	4WD selector position
		Super Select 4WD
SNOW	This mode is for driving on slippery road surfaces, such as snow-covered roads and offers good initial steering response and high cornering stability on a slippery road. NOTE: When the SNOW mode is selected, the Adaptive Cruise Control (ACC) functions are affected.	4H
MUD	This mode is suitable for driving on muddy or deep-snow roads and improves traction and stability performance. NOTE: When the MUD mode is selected, the Adaptive Cruise Control (ACC) functions are affected.	4HLc
SAND	This mode is suitable for driving on sand roads and improves traction and stability performance. NOTE: When the SAND mode is selected, the Adaptive Cruise Control (ACC) functions are affected.	4HLc
ROCK	This mode is suitable for driving on rocky or with some wheels suspended in the air and improves traction and stability performance. NOTE: When the ROCK mode is selected, the Adaptive Cruise Control (ACC) functions are affected.	4LLc

 **NOTE**

- When stuck, use the rear differential lock (if so equipped). (Refer to page 6-49)

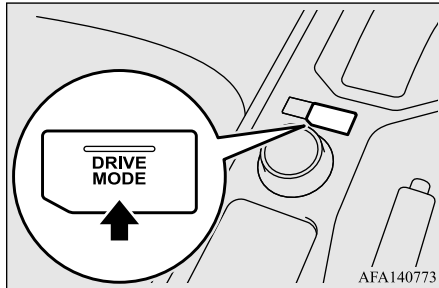
**Drive mode selector operation**

E00663500027

1. Press the Drive mode selector to change
- 6-48 Starting and driving

to the Drive mode corresponding to the 4WD selector.

If you change the 4WD selector, the Drive mode will automatically change to Normal.



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#### NOTE

- When you change the 4WD selector, the Drive mode indicator flashes.
- When the 4WD selector change is complete, the Drive mode indicator lights up.
- The mode list will be turned off in approximately 4 seconds after a mode is selected.
- The Drive mode will be automatically turned to the NORMAL mode when the ignition switch is in the “LOCK” position or the operation mode is put in OFF and ON again.

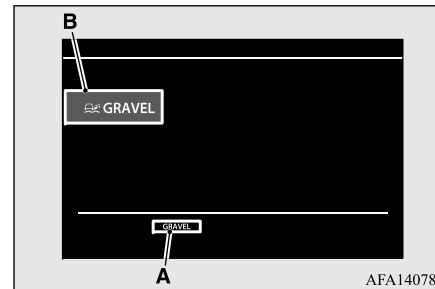
If the Drive mode cannot be switched using the Drive mode selector, have the system checked. It is recommended you contact an authorised MITSUBISHI MOTORS dealer.

#### WARNING

- Do not stare at the Drive mode selector or the display while driving so that full attention may be given to vehicle operation.

### Drive mode indicator display

E00663600028



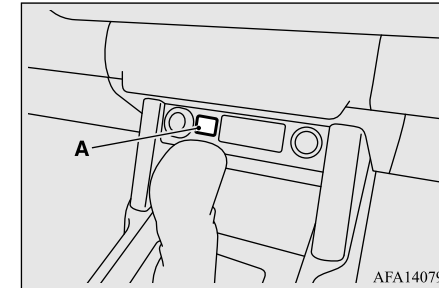
AFA140786

Example: When “GRAVEL” mode is selected The selected Drive mode is displayed on the Drive mode indicator display (A). In addition, the selected mode is displayed as an interrupt display on the information screen of the multi-information display (B) by switching the Drive mode. The Drive mode display on the information screen will return to the previous display after a few seconds.

### Rear differential lock\*

E00606201587

If one of rear wheel starts to spin freely and the vehicle becomes stuck, the rear differential lock switch (A) can be used to activate the rear differential lock for extra traction.



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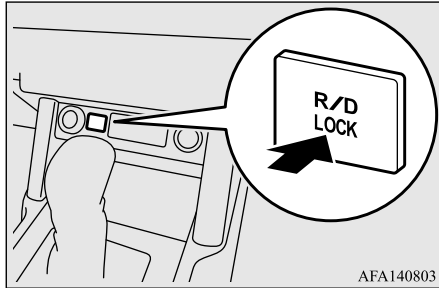
### Operating the rear differential lock

1. Bring the vehicle to a complete stop.
2. Move the 4WD selector to “4L” or “4H” position (Easy Select 4WD), “4LLc” or “4HLc” position (Super Select 4WD II).
3. To activate the rear differential lock, press the rear differential lock switch (A).
4. To deactivate the rear differential lock, press again the rear differential lock switch (A).



## Rear differential lock\*

6



### **CAUTION**

- Operate the rear differential switch after the wheels are stopped. Operating the switch with the wheels turning may cause the vehicle to dart in unexpected directions.

### **NOTE**

- The rear differential lock does not operate when the 4WD selector is in “2H” position (Easy Select 4WD), “2H” or “4H” position (Super Select 4WD II).
- When the rear differential is locked with the 4WD selector in “4L” or “4H” position (Easy Select 4WD), “4LLc” or “4HLc” position (Super Select 4WD II) changing the 4WD selector to “2H” position (Easy Select 4WD), “2H” or “4H” position (Super Select 4WD II) makes the rear differential unlock automatically.

### **NOTE**

- For vehicles equipped with the colour liquid crystal display, the warning display will appear, the buzzer will sound, and the rear differential lock will remain deactivated if the rear differential lock switch is turned on in the following conditions:
  - while driving
  - with the 4WD selector in the “2H” position (Easy Select 4WD)
  - with the 4WD selector in the “2H” or “4H” position (Super Select 4WD II)

**NO  
LOCK** Stop to Operate  
R/D LOCK

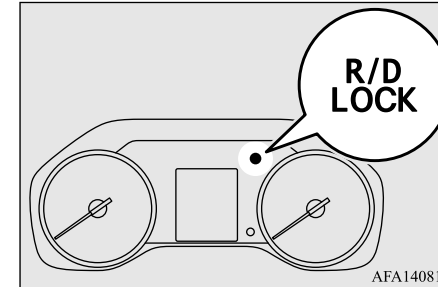
- Vehicles equipped with the mono-colour liquid crystal display, if the rear differential lock switch is turned on during driving, the buzzer will sound and the rear differential lock will remain deactivated.

### **The rear differential lock indicator lamp/display**

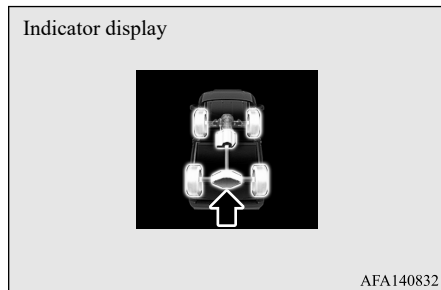
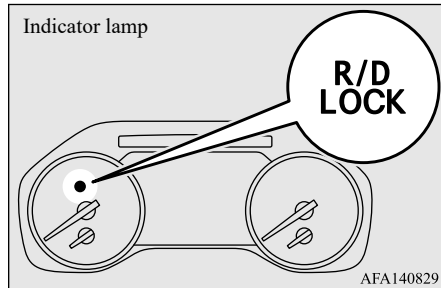
E00606302019

When the ignition switch is turned to the “ON” position or the operation mode is put in ON, the rear differential lock indicator lamp/display in the meter cluster illuminates for a few seconds then indicates the rear differential lock’s operating status (activated or deactivated).

[Vehicles equipped with the mono-colour liquid crystal display]



[Vehicles equipped with the colour liquid crystal display]



**NOTE**

- The status of the rear differential lock (resulting from depression of the rear differential lock switch) is shown by blinking or steady illumination of the rear differential lock indicator lamp/display.

[Vehicles equipped with the mono-colour liquid crystal display]

The operation state of rear differential lock	Rear differential lock indicator lamp
Rear differential lock deactivated	R/D LOCK ↕
Switching in progress	↕
Rear differential lock activated	↕ R/D LOCK

: Blink  
: Illuminate (steady)  
: Remain off

[Vehicles equipped with the colour liquid crystal display]

The operation state of rear differential lock	Rear differential lock indicator lamp/display	
	Indicator lamp	Indicator display*
Rear differential lock deactivated	R/D LOCK ↕	↕
Switching in progress	↕	↕
Rear differential lock activated	↕ R/D LOCK	↕

: Blink  
: Illuminate (steady)  
: Remain off  
 \*: Indication in case of AWC operation display

6

## Rear differential lock\*

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### NOTE

- The indicator lamp/display and 4WD indicator blink while the rear differential lock is being switched between its activated and deactivated conditions. When the switching operation is complete, the indicator lamp/display is either illuminated steadily or not illuminated.
- The ASTC and ABS functions are suspended while the rear differential lock is activated. ASTC indicator lamp, ASTC OFF indicator lamp and ABS warning lamp are illuminated while these functions are suspended. It does not indicate a problem. When the rear differential lock is disengaged, these lamps go out and function again. Refer to “ABS warning lamp” on page 6-67, “ASTC indicator lamp or ASTC OFF indicator lamp” on page 6-72.
- If the indicator lamp/display continues blinking after the switch has been pressed to activate the rear differential lock, bear in mind the following instructions:
  - If the vehicle speed is 12 km/h or higher, decelerate to a speed of 2.5 km/h or lower. The indicator lamp/display illuminates steadily and the rear differential lock will be activated.
  - If the vehicle speed is 12 km/h or lower, turn the steering wheel from side to side until the indicator lamp/display illuminates steadily.

### NOTE

- If the vehicle is stuck in soft ground, make sure the area around the vehicle is clear then repeatedly attempt to drive forward and backward. The indicator lamp/display will illuminate steadily and the rear differential lock will be activated.

### CAUTION

- If a problem is detected in the rear differential lock system, a safety device will activate. The rear differential lock indicator lamp will blink rapidly (twice per second), warning display will appear, and the rear differential lock will deactivate. Park your vehicle in a safe place, turn off the engine for a few moments. Restart the engine. It is safe to continue driving if the lamps/display resume normal operation. If the rear differential lock indicator lamp blinks and warning display appears when the rear differential lock is reactivated, have the vehicle checked by an authorised MITSUBISHI MOTORS dealer immediately.

R/D LOCK R/D LOCK Service Required

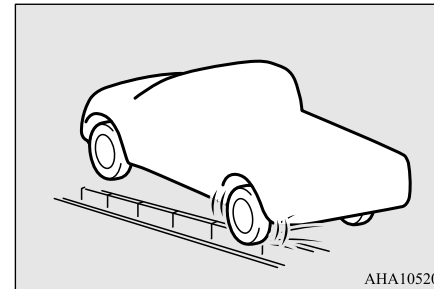
## Examples of effective use of the rear differential lock

E00606401260

### CAUTION

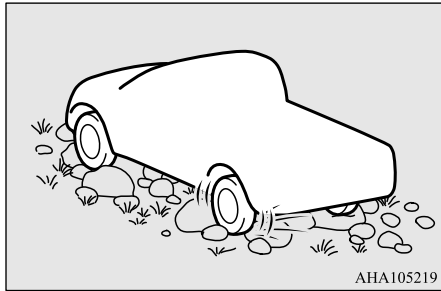
- Use the rear differential lock only as an emergency measure when the vehicle is stuck and cannot be freed. Deactivate the rear differential lock immediately after using it.

## When one of the wheels has fallen in a ditch



## When driving on rocky roads

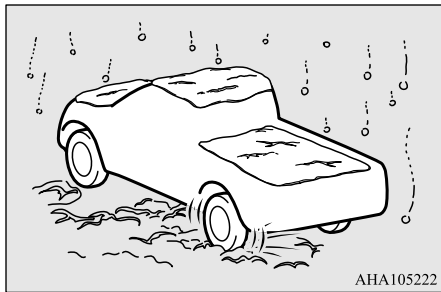
When the vehicle is unable to move because one of the wheels is suspended in the air.



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### When getting out of snow

When the vehicle is unable to get going because one of the wheels is on the snow and the other on a paved road.



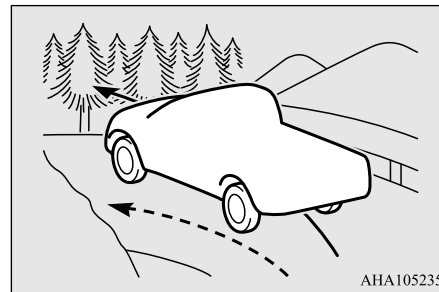
AHA105222

### Examples of incorrect use of the rear differential lock

E00606501245

#### ⚠ WARNING

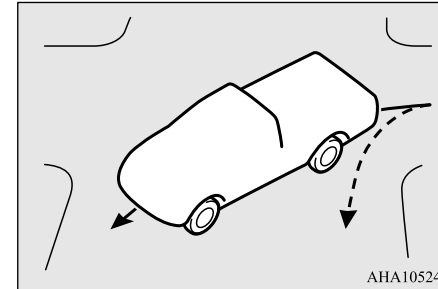
- Please be sure to release the rear differential lock on normal roads. The following phenomena appear and it is very dangerous.
- If the rear differential lock is used by mistake when driving on a paved road: With the rear differential lock on, the power to drive the vehicle straight ahead becomes very strong, which may make it difficult to turn the steering wheel.



AHA105235

#### ⚠ WARNING

- If the rear differential lock is used by mistake when turning a curve or making a right or left turn at a crossing or the like: The vehicle is unable to make a turn and may go straight ahead.



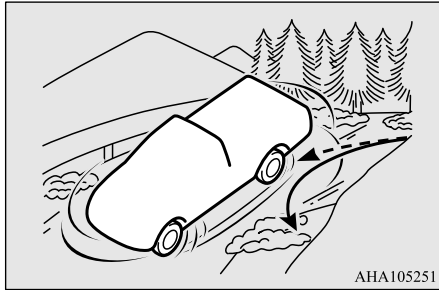
AHA105248

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#### ⚠ WARNING

- If the rear differential lock is used by mistake except when making an emergency escape on snow or frozen road: It becomes difficult to make a steady turn.
- In the case where the condition of the road is different for the right tyre to drive from the left tyre (such as one tyre on a paved road and the other on ice), direction of the vehicle may change abruptly when engine braking or accelerating. Do not use the rear differential lock except when making an emergency escape on a snow or frozen road.

## 4-wheel drive operation\*



6

## 4-wheel drive operation\*

E00606602924

By selecting 4-wheel drive, both axles of the vehicle are connected with each other. This improves the traction characteristics. When turning sharp corners or moving forward and backward repeatedly, however, the drive line is stressed, which is felt as a braking effect. A 4-wheel drive vehicle can accelerate more quickly and smoothly.

However, note that the braking distance is not shorter than that of a rear-wheel drive vehicle.

When using 4-wheel drive on rough roads (snow, mud, sand, etc.), it is important to operate the vehicle correctly.

### WARNING

- Control the accelerator pedal, brake pedal, steering wheel, etc. according to the landform and nature of the soil. The driver should accurately grasp the surrounding circumstances and drive carefully according to the respective circumstances. Especially, the off-road may lead to loss of control and roll onto vehicle's side or roof, which may cause an accident resulting in serious personal injury or death in the worst case.

### NOTE

- The driving posture should be more upright and closer to the wheel than usual; adjust the seat to a good position for easy steering and pedal operation. Be sure to wear the seat belt.
- After driving on rough roads, check each part of the vehicle and wash it thoroughly with water. Refer to the "Vehicle care" section and "Inspection and maintenance following rough road operation" on page 6-59.

Even a vehicle without the equipment rear differential lock (if so equipped) run each road condition.  
The vehicle with each equipment set the recommended mode of the list shown below in each road condition, it may help you drive smoothly.

Driving mode	Road conditions				
	Dry paved road and highway	Snow covered road	Gravel road	Deep snow and muddy roads	Sandy and rocky roads
Easy Select 4WD (→ P.6-36)	2H	4H		4H or 4L	
Super Select 4WD II (→ P.6-41)	2H or 4H	4H		4HLc or 4LLc	
Rear differential lock (→ P.6-49)	—	—	—	Active	

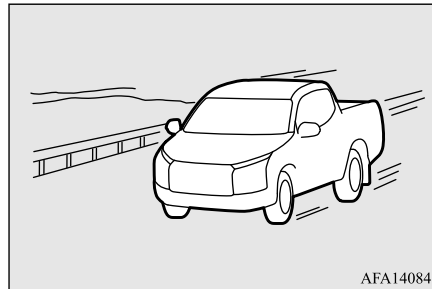
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**⚠ CAUTION**

- When driving on the off-road, confirm the conditions of the road surface and the landscape, and drive after confirming that the components of the suspension and the bottom of the front and rear bumper do not contact with the road surface. (Refer to “Vehicle dimensions” on page 11-3.)

**Driving on dry paved road and highway**

E00646400092



AFA140845

Set the 4WD selector to “2H” position (Easy Select 4WD), “2H” or “4H” position (Super

Select 4WD II) to drive on the dry paved road. Especially on dry highway, never select “4H” or “4L” position (Easy Select 4WD), “4HLc” or “4LLc” position (Super Select 4WD II).

## 4-wheel drive operation\*

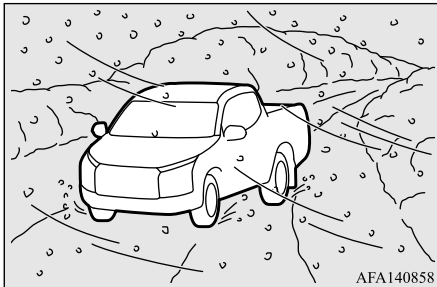
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### **⚠ CAUTION**

- Selecting “4H” or “4L” position (Easy Select 4WD), “4HLc” or “4LLc” position (Super Select 4WD II) to drive on dry paved road will increase the fuel consumption with possible noise generation and early tyre wear. It may also increase the differential oil temperature, resulting in possible damage to the driving system. Further, the drive train will be subjected to excessive loading, possibly leading to oil leakage, component seizure, or other serious faults.

### **Driving on snow covered roads**

E00646500149



AFA140858

Set the 4WD selector to “4H” position, in accordance with the road conditions, and then gradually depress the accelerator pedal for a smooth start.

### **⚠ CAUTION**

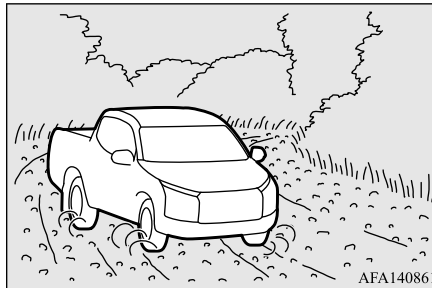
- Avoid sudden braking, sudden acceleration, and sharp turning; such operations could cause skidding and spinouts.

### **📖 NOTE**

- The use of snow tyres and/or tyre chains is recommended.
- Maintain a safe distance between vehicles, avoid sudden braking, and use engine braking (downshifting).

### **Driving on unpaved roads**

E00646600094



AFA140861

Check the road surface conditions and set the 4WD selector to “4H” position (Easy Select 4WD), “4HLc” position (Super Select 4WD II).

### **Driving on deep snow or muddy roads**

E00647300261

Set the 4WD selector to “4H” or “4L” position (Easy Select 4WD), “4HLc” or “4LLc” position (Super Select 4WD II) and then gradually depress the accelerator pedal for a smooth start. Keep the pressure on the accelerator pedal as constant as possible, and drive at low speed.

### **⚠ WARNING**

- When attempting to rock your vehicle out of a stuck position, be sure that the area around the vehicle is clear of people and physical objects. The rocking motion may cause the vehicle to suddenly launch forward or backward, causing injury or damage to nearby people or objects.

### **⚠ CAUTION**

- If any of following conditions occur while the vehicle is being driven, immediately park your vehicle in a safe place and follow these procedures:
  - The bar graph of engine coolant temperature display approaches the overheating zone. Refer to “Engine overheating” on page 8-5.

**CAUTION**

- A/T fluid temperature warning display comes on.  
Refer to “When a malfunction occurs in the A/T” on page 6-33.

**NOTE**

- Driving over roads in coastal areas or roads on which anti-skid preparations have been spread can cause rust on the vehicle; wash the vehicle thoroughly as soon as possible after such use.

**CAUTION**

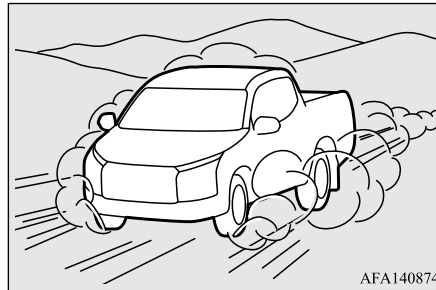
- Do not force the vehicle or drive recklessly on sandy surfaces. In comparison with normal road surfaces, the engine and other drive-system components are put under excessive strain when driving on such a surface, and this could lead to accidents.

**NOTE**

- Avoid sudden braking, acceleration, and turning; such operations could result in the vehicle becoming stuck.
- If the vehicle becomes stuck in deep snow or muddy roads, it can often be moved a rocking motion. Move the selector lever rhythmically between the “D” (DRIVE) and “R” (REVERSE) position (with M/T, between 1st and Reverse), while applying slight pressure to the accelerator pedal.
- It is recommended to start the vehicle with parking brake partially, but not completely, applied by slightly pulling the parking brake lever.  
After the vehicle has become free, do not forget to release the parking brake.
- If it is necessary to drive in extremely muddy conditions, the use of tyre chains is recommended. Because the extent of muddy conditions is difficult to judge and the vehicle could become bogged down very deeply, operation should be at a low speed. If possible, get out of the vehicle and check the conditions ahead before proceeding.

**Driving on sandy roads**

E00646700112

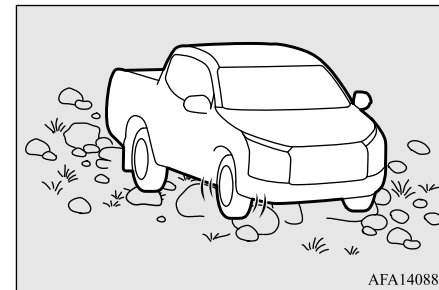


AFA140874

Check the sandy road condition and set the 4WD selector to “4H” or “4L” position (Easy Select 4WD), “4HLc” or “4LLc” position (Super Select 4WD II). Gradually depress the accelerator pedal to start the vehicle and drive at a possible constant low speed. Set the rear differential lock (if so equipped) to ON if the vehicle is likely to get stuck. This may help you drive smoothly.

**Driving on rocky road**

E00646800113



AFA140887

Set the 4WD selector to “4H” or “4L” position (Easy Select 4WD), “4HLc” or “4LLc” position (Super Select 4WD II) and drive at a low speed. Depending on the road condition, set the rear differential lock (if so equipped) to ON if the vehicle is likely to get stuck. This may help you drive smoothly.



## 4-wheel drive operation\*

### CAUTION

- Avoid driving alone on rocky roads. When driving on rocky roads, follow an experienced driver's instruction for safe driving.

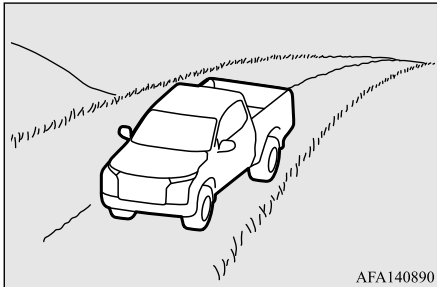
### NOTE

- Drive on a road surface where the tyre treads contact with rocks as far as possible.

6

## Descending steep grades

E00646900156



Set the 4WD selector to “4H” or “4L” position (Easy Select 4WD), “4HLc” or “4LLc” position (Super Select 4WD II), use the engine brake (downshifting) and descend slowly.

If the vehicle cannot descend slowly even using the engine brake. The Hill Descent

Control (if so equipped) may help drive smoothly.

For details, refer to “Hill Descent Control (HDC)” on page 6-63.

### WARNING

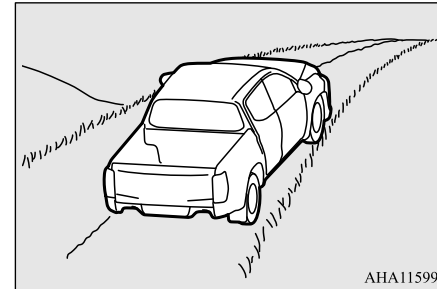
- Avoid snaking down a sharp grade. Descend the grade as straight as possible.

### NOTE

- When descending a sharp grade, if the brakes are applied suddenly because of an obstacle encountered, control of the vehicle could be lost. Before descending the slope, walk down it and confirm the path.
- Before descending a grade, it is necessary to choose the appropriate gear. Avoid changing gears while descending the grade.
- MITSUBISHI MOTORS is not responsible to the operator for any damage or injury caused or liability incurred by the improper and negligent operation of a vehicle. All techniques of vehicle operation described herein depend on the skill and experience of the operator and other participating parties and any deviation from the recommended operation instructions above is at their own risk.

## Climbing steep grades

E00647000125



Set the 4WD selector to “4L” position (Easy Select 4WD), “4LLc” position (Super Select 4WD II) to maximize the engine torque.

### WARNING

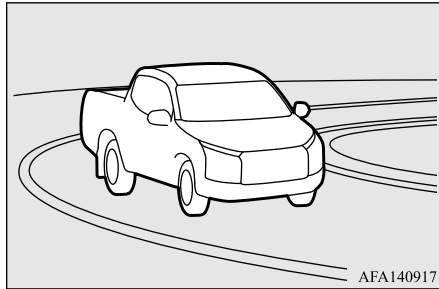
- Go straight up. Do not try to traverse across a steep slope.
- If you begin to lose traction, ease off the accelerator pedal and gently turn the steering wheel alternatively left and right to regain adequate traction again.

### NOTE

- Choose as smooth a slope as possible with few stones or other obstacles.
- Before attempting to drive up the slope, walk up it to confirm that the vehicle can handle the grade.

### Turning sharp corners

E00647100083



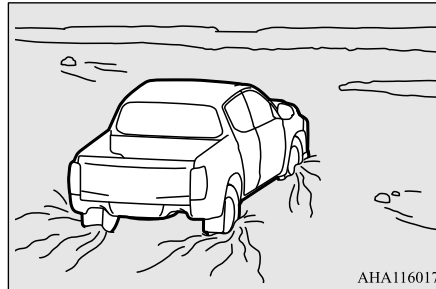
AFA140917

When turning a sharp corner in “4H” or “4L” position (Easy Select 4WD), “4HLc” or “4LLc” position (Super Select 4WD II) at low speed, a slight difference in steering may be experienced similar to as if the brakes were applied. This is called tight corner braking and results from each of the 4 tyres being at a different distance from the corner.

The phenomenon is peculiar to 4-wheel drive vehicles. If this occurs, either straighten the steering wheel, or change to “2H” position (Easy Select 4WD), “2H” or “4H” position (Super Select 4WD II).

### Crossing a stream

E00647200114



AHA116017

4-wheel drive vehicles are not necessarily waterproof. If the electrical circuits become wet, further operation of the vehicle will be impossible; therefore, avoid crossing streams unless absolutely necessary. If crossing a stream is unavoidable, use the following procedure:

1. Check depths of a stream and geographical features before attempting to cross a stream and ford the stream where the water is as shallow as practicable.
2. Set the 4WD selector to “4L” position (Easy Select 4WD), “4LLc” position (Super Select 4WD II).
3. Drive slowly at a speed of approximately 5 km/h to avoid splashing too much water.

### CAUTION

- Never cross a stream where the water is deep.  
Do not change gears while crossing the stream.  
Frequent crossing of streams can adversely affect the life span of the vehicle; consult an authorised MITSUBISHI MOTORS dealer and take the necessary measures to prepare, inspect, and repair the vehicle.
- After crossing a stream, apply the brakes to be sure they are functioning properly. If the brakes are wet and not functioning properly, dry them out by driving slowly while lightly depressing the brake pedal.

6

### Inspection and maintenance following rough road operation

E00606701540

After operating the vehicle in rough road conditions, be sure to perform the following inspection and maintenance procedures:

- Check that the vehicle has not been damaged by rocks, gravel, etc.
- Carefully wash the vehicle with water.

## Cautions on handling of 4-wheel drive vehicles\*

6

Drive the vehicle slowly while lightly depressing the brake pedal in order to dry out the brakes. If the brakes still do not function properly, contact an authorised MITSUBISHI MOTORS dealer as soon as possible to have the brakes checked.

- Remove the insects, dried grass, etc. clogging the radiator core and A/T oil cooler.
- After crossing a stream, be sure to have the following items inspected at an authorised MITSUBISHI MOTORS dealer and take the necessary measures.
  - Check the brake system and, if necessary, have it serviced.
  - Check the engine, transmission, transfer, and differential oil or grease level and turbidity. If the oil or grease is milky, it indicates water contamination. Replace it with new oil or grease.
  - Grease the propeller shaft.
  - Check the inside of the vehicle. If ingress of water is found, dry the carpet etc.
  - Inspect the headlamps. If the headlamp bulb is flooded with water, have the headlamp drained off.

### Cautions on handling of 4-wheel drive vehicles\*

E00606802261

#### Tyres and wheels

Since the driving torque can be applied to the 4 wheels, the performance of the vehicle when operating in 4-wheel drive is greatly affected by the condition of the tyres.

Pay close attention to the tyres.

- Install specified tyres on all wheels. Refer to “Tyres and wheels” on page 11-13.
- Be sure to the appropriate tyre inflation pressure according to no cargo or cargo. Refer to “Tyre inflation pressures” on page 10-12.
- Be sure to fit all 4 tyres and wheels of the same size and type.

When replacement of any of the tyres or wheels is necessary, replace all of them.
- All tyres should be rotated whenever the wear difference between the front and rear tyres is recognizable.

Good vehicle performance cannot be expected if there is a difference in wear between tyres. Refer to “Tyre rotation” on page 10-14.

- Check the tyre inflation pressure regularly.

#### CAUTION

- Always use tyres of the same size, same type, and same brand which have no wear differences. Using the tyres which differ in size, type, brands or the degree of wear or the inappropriate tyre inflation pressure, will increase the differential oil temperature and may be impossible to shift the transfer, resulting in possible damage to the driving system. Further, the drive train will be subjected to excessive loading, possibly leading to oil leakage, component seizure, or other serious faults.

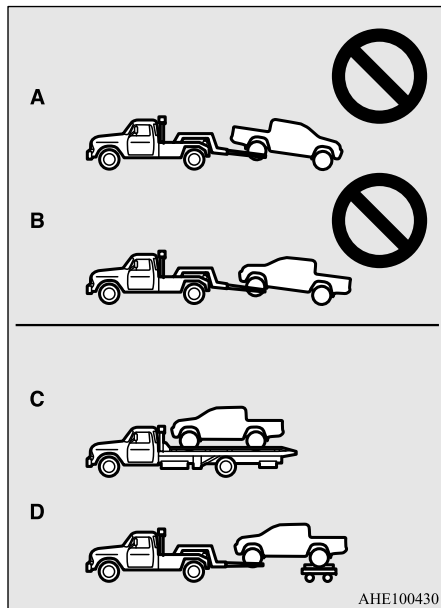
#### Towing

If towing is necessary, we recommend you to have it done by your MITSUBISHI MOTORS dealer or a commercial tow truck service.

In the following cases, transport the vehicle using a tow truck.

- The engine runs but the vehicle does not move or abnormal noise is produced.
- Inspection of the vehicle’s underside reveals that oil or some other fluid is leaking.

Only when you cannot receive a towing service from a MITSUBISHI MOTORS dealer or commercial tow truck service, tow your vehicle carefully in accordance with the instructions given in “Towing” on page 8-20.



**CAUTION**

- Transport the vehicle with the driving wheels on a carriage (Type C or D) as illustrated. Never try to tow with the front or rear wheels on the ground (Type A or B) as illustrated. This could result in damage to the drivetrain, or unstable towing.

**Jacking up a 4-wheel drive vehicles**

**WARNING**

- Do not crank the engine while jacking up the vehicle. The tyre on the ground may turn and the vehicle may roll off the jack.

**Braking**

E00607003531

All the parts of the brake system are critical to safety. Have the vehicle serviced by an authorised MITSUBISHI MOTORS dealer at regular intervals according to the service booklet.

**CAUTION**

- Avoid driving habits that cause heavy braking and never “ride” the brakes by resting your foot on the brake pedal while driving. It causes brake overheating and fade.

**Brake system**

The service brake is divided into two brake circuits. And your vehicle is equipped with power brakes. If one brake circuit fails, the other is available to stop the vehicle. If your vehicle should lose the power assist for some reason, the brakes will still work. In these situations, even if the brake pedal moves down to the very end of its possible stroke or resists being depressed, keep depressing the brake pedal down harder and further than usual; stop driving as soon as possible and have the brake system repaired.

**WARNING**

- Do not turn off the engine while your vehicle is in motion. If you turn off the engine while driving, the power assistance for the braking system will stop working and your brakes will not work effectively.

## Hill Start Assist (HSA)

### WARNING

- If the power assist is lost or if either brake hydraulic system stops working properly, take your vehicle to an authorised MITSUBISHI MOTORS dealer immediately.

### Warning lamp

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The brake warning lamp illuminates to indicate a fault in the braking system. Refer to “Brake warning lamp” on page 5-36.

### When brakes are wet

Check the brake system while driving at a low speed immediately after starting, especially when the brakes are wet, to confirm they work normally.

A film of water can be formed on the brake discs or brake drums and prevent normal braking after driving in heavy rain or through large puddles, or after the vehicle is washed. If this occurs, dry the brakes out by driving slowly while lightly depressing the brake pedal.

### When driving downhill

It is important to take advantage of the engine braking by shifting to a lower shift position while driving on steep downhill roads in order to prevent the brakes from overheating.

### WARNING

- Do not leave any objects near the brake pedal or let a floor mat slide under it; doing so could prevent the full pedal stroke that would be necessary in an emergency. Make sure that the pedal can be operated freely at all times. Make sure the floor mat is securely held in place.

### Brake pads

- Avoid hard braking situations.  
New brakes need to be broken-in by moderate use for the first 200 km.
- The disc brakes are provided with a warning device which emits a shrieking metallic sound while braking if the brake pads have reached their wear limit. If you hear this sound, have the brake pads replaced by your MITSUBISHI MOTORS dealer.

### WARNING

- Driving with worn brake pads will make it harder to stop, and can cause an accident.

### Hill Start Assist (HSA)

E00628001631

The Hill Start Assist (HSA) makes it easy to start off on a steep uphill slope by preventing the vehicle from moving backwards. It keeps the braking force for approximately 2 seconds when you move your foot from the brake pedal to the accelerator pedal.

### CAUTION

- Do not overly rely on the HSA to prevent backwards movement of the vehicle. Under certain circumstances, even when HSA is activated, the vehicle may move backwards if the brake pedal is not sufficiently depressed, if the vehicle is heavily loaded, or if the road is very steep or slippery.
- The HSA is not designed to keep the vehicle stopped in place on uphill slopes for more than 2 seconds.
- When facing uphill, do not rely on using the HSA to maintain a stopped position as an alternative to depressing the brake pedal. Doing so could cause an accident.
- Do not turn the ignition switch to the “LOCK” position or the operation mode in OFF while the hill start assist is operating. The HSA could stop operating, which could result in an accident.

**To operate**

E00628101759

1. Stop the vehicle completely using the brake pedal.
2. On vehicles equipped with M/T, place the gearshift lever into the 1st position.  
On vehicles equipped with A/T, place the selector lever into the “D” (DRIVE) position.

 **NOTE**

- When reversing on an uphill slope, place the selector lever or gearshift lever into the “R” (Reverse) position.

3. Release the brake pedal and the HSA will maintain the braking force applied while stopping for approximately 2 seconds.
4. Depress the accelerator pedal and the HSA gradually will decrease the braking force as the vehicle starts moving.

 **NOTE**

- The HSA is activated when all of the following conditions are met.
  - The engine is running.  
(The HSA will not be activated while the engine is starting or immediately after the engine is started.)

 **NOTE**

- On vehicles equipped with M/T, the gearshift lever is in the following position.  
[When starting an uphill slope forwards.]  
The gearshift lever is in any position other than “R”.  
(The HSA will operate, even if the gearshift lever is in the “N” (Neutral) position.)  
[When starting an uphill slope backwards.]  
The gearshift lever is in the “R” (Reverse) position.  
(The HSA will not operate when the gearshift lever is in the “N” (Neutral) position.)
- On vehicles equipped with A/T, the selector lever is in any position other than “P” or “N”.
- The vehicle is completely stationary, with the brake pedal depressed.
- The parking brake is released.
- The HSA will not operate if the accelerator pedal is depressed before the brake pedal is released.
- The HSA also operates when reversing on an uphill slope.
- When the HSA is activated, you may feel the operating sound.  
This is a normal result of the hill start assist operation, and does not indicate a problem.

**Warning lamp**

E00628201848

If an abnormal condition occurs in the system, the warning lamp will turn on.



 **CAUTION**

- If the warning is turn on, the HSA will not operate. Start off carefully.
- Park your vehicle in a safe place and stop the engine.  
Restart the engine and check whether the warning indicator went out, in which case the HSA is again working normally.  
If they warning remains displayed or reappear frequently, it is not necessary to stop the vehicle immediately, but the vehicle should be inspected by an authorised MITSUBISHI MOTORS dealer.

**Hill Descent Control (HDC)\***

E00642900190

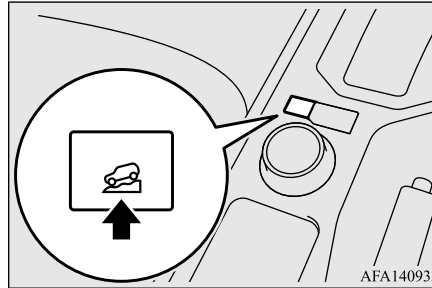
The Hill Descent Control (HDC) is the system that assists the steady driving with the constant speed when descending sharp grades where it is impossible to decelerate the vehicle sufficiently by the engine brake only or rough roads.

## Hill Descent Control (HDC)\*

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### WARNING

- The driver has the responsibility to drive safely. Make sure to drive safely according to road conditions without relying too much on the HDC.
- When driving slippery roads such as muddy, icy or unpaved roads, the vehicle will not allow you to stay at a certain low speed, which may lead to a serious accident.



4. Make sure that HDC indicator lamp comes on.

When the HDC indicator lamp comes on, the HDC set to ON (stand by).



### NOTE

- The indicator lamp should illuminate when the operation mode is put in ON and should go off after a few seconds.
- If pressing the HDC switch continuously after setting the HDC to ON (stand by), the HDC will return to OFF as a protection function is operated. After returning to OFF, the HDC will not be switched to ON (Stand by) even if the HDC switch is pressed. To set the HDC to ON, restart the engine and press the HDC switch again.

### NOTE

- It is impossible to set the HDC to ON (stand by) in the following conditions.
  - Vehicle speed: more than approximately 20 km/h
  - Rear differential lock (if so equipped) : activating
  - Brake system: brake temperature high
  - ASTC warning lamp: illuminatingRefer to “ASTC warning lamp” on page 6-73

In the following cases, the HDC brake control operates.

- Vehicle speed: 20 km/h or less
- The accelerator pedal or the brake pedal is not operated.

When the control operates, the HDC indicator lamp blinks, and the brake lamps and the high mounted stop lamp are illuminated. It is possible to change the controlled vehicle speed by operating the accelerator pedal or the brake pedal.

When you lift your foot off the pedal, the HDC performs brake control so as to keep the vehicle speed at that time.

### To operate

E00643000215

1. Bring the vehicle to a complete stop.
2. Place the selector lever into the “D” (DRIVE) position or the “R” (REVERSE) position.
3. Press the HDC switch.

**NOTE**

- The HDC will not operate even if the HDC is in ON (stand by), and the control will temporarily stop during the activation of it in the following conditions.
  - Vehicle speed: more than approximately 20 km/h
- When the HDC is activated, you may feel the vehicle body, the steering wheel and the brake pedal vibrate and hear the operation noise. You may also feel the depressed brake pedal is solid or loose. This does not indicate a malfunction and the HDC is operating normally.
- The HDC indicator lamp blinks on a flat road, but this does not indicate a malfunction.

**To deactivate**

E00643200116

1. Press the HDC switch. The HDC will be gradually released.
2. Make sure that the HDC indicator lamp is off.

**NOTE**

- The HDC turns off automatically and the HDC indicator lamp in the meter goes off without pressing the HDC switch in the following conditions.

**NOTE**

- Vehicle speed: more than approximately 80 km/h
- Rear differential lock (if so equipped): activating
- ASTC warning lamp: ON
- Brake system: brake temperature high

**Brake assist system**

E00627002035

The brake assist system is a device assisting drivers who cannot depress the brake pedal firmly such as in emergency stop situations and provides greater braking force.

If the brake pedal is depressed suddenly, the brakes will be applied with more force than usual.

**CAUTION**

- The brake assist system is not a device designed to exercise braking force greater than its capacity. Make sure to always keep a sufficient distance between your vehicle and a vehicle in front of you without relying too much on the brake assist system.

**NOTE**

- Once the brake assist system is operational, it maintains great braking force even if the brake pedal is lightly released. To stop its operation, completely remove your foot from the brake pedal.
- When the brake assist system is in use while driving, you may feel the brake pedal attempt to resist, the pedal moves in small motions in conjunction with the operation noise, or the vehicle body and the steering wheel vibrate. This occurs when the brake assist system is operating normally and does not indicate faulty operation. Continue to depress the brake pedal.
- When the Active Stability & Traction Control (ASTC) indicator lamp is illuminated, the brake assist system may not function.

**Emergency stop signal system**

E00626001451

This is a device that reduces the possibility of rear end collisions by the rapid and automatic blinking of the brake lamps to alert vehicles approaching from behind during sudden braking.



## Anti-lock Brake System (ABS)

### CAUTION

- If the ABS warning or ASTC warning is displayed, the emergency stop signal system may not operate. Refer to “ABS warning lamp” on page 6-67.  
Refer to “ASTC warning lamp” on page 6-72.

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### NOTE

- [Activating condition for the emergency stop signal system]  
It activates when all of the following conditions are met.
  - The vehicle speed is approximately 50 km/h or higher.
  - The system judges that it was sudden braking from the vehicle deceleration and the operating condition of the Anti-lock Brake System (ABS).[Deactivating condition for the emergency stop signal system]  
It deactivates when one of the following conditions is met.
  - The hazard warning flasher switch is pressed.
  - The system judges that it was not sudden braking from the vehicle deceleration and the operating condition of the ABS.

## Anti-lock Brake System (ABS)

E00607102942

The Anti-lock Brake System (ABS) helps prevent the wheels from locking up when braking. This helps maintain vehicle drivability and steering wheel handling.

### Driving hints

- Always keep a safe distance from the vehicle in front of you. Even if your vehicle is equipped with the ABS, leave a greater braking distance when:
  - Driving on gravel or snow-covered roads.
  - Driving with tyre chains installed.
  - Driving on roads where the road surface is pitted or has other differences in surface height.
  - Driving on uneven road surfaces.
- Operation of ABS is not restricted situations where brakes are applied suddenly. This system may also prevent the wheels from locking when you drive over manholes, steel roadwork plates, road markings, or any uneven road surface.

- When the ABS is in use, you may feel the brake pedal pulsation and the vibrations of the vehicle body and steering wheel. It may also feel as if the pedal resists being pressed.  
**In this situation, simply hold the brake pedal down firmly. Do not pump the brake, which will result in reduced braking performance.**
- An operation noise is emitted from the engine compartment or feel a shock from the brake pedal when start driving immediately after starting the engine. These are normal sound or operation that the ABS makes when performing a self-check. It does not indicate a malfunction.
- The ABS can be used after the vehicle has reached a speed over approximately 10 km/h.

### CAUTION

- The ABS cannot prevent accidents. It is your responsibility to take safety precautions and to drive carefully.
- To prevent failure of the ABS, be sure all 4 wheels and tyres are the same size and the same type.
- Do not install any aftermarket limited slip differential (LSD) on your vehicle. The ABS may stop functioning properly.

## ABS warning lamp

E00607202985



If there is a malfunction in the system, the ABS warning lamp will come on. Under normal conditions, the ABS warning lamp comes on when the ignition switch is turned to the “ON” position or the operation mode is put in ON and goes off a few seconds later.

### CAUTION

- Any of the following warning lamp behaviour that the ABS is not functioning and only the standard brake system is working. (The standard brake system is functioning normally.) If this happens, please contact your nearest authorised MITSUBISHI MOTORS dealer for inspection.
- When the ignition switch is turned to the “ON” position or the operation mode is put in ON, the warning lamp does not come on or it remains on and does not go off
- The warning lamp comes on while driving

### NOTE

- On vehicles with the rear differential lock and the Active Stability & Traction Control (ASTC), the ASTC and ABS functions are suspended while the rear differential lock is activated. ASTC indicator lamp, ASTC OFF indicator lamp and ABS warning lamp are illuminated while these functions are suspended. It does not indicate a problem. When the rear differential lock is disengaged, these lamps go out and function again. Refer to “ASTC indicator lamp or ASTC OFF indicator lamp” on page 6-72.

### If the warning lamp illuminate while driving

#### ■ If only the ABS warning lamp illuminates

Avoid hard braking and high-speed driving. Stop the vehicle in a safe place. Restart the engine and check to see whether the lamp goes out after a few minutes driving; if it then remains off during driving, there is no problem. However, if the warning lamp do not disappear, or if they come on again when the vehicle is driven, have the vehicle checked by an

authorised MITSUBISHI MOTORS dealer as soon as possible.

#### ■ If the ABS warning lamp and brake warning lamp illuminate at the same time

The ABS and brake force distribution function may not work, so hard braking could make the vehicle unstable.

Avoid hard braking and high-speed driving. Stop the vehicle in a safe place and contact an authorised MITSUBISHI MOTORS dealer.



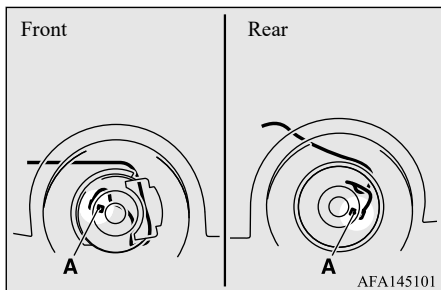
### After driving on icy roads

E00618801434

After driving on snow or icy roads, remove any snow and ice which may have be left around the wheels. On vehicles that have an ABS, be careful not to damage the wheel speed sensors (A) or the cables located at each wheel.

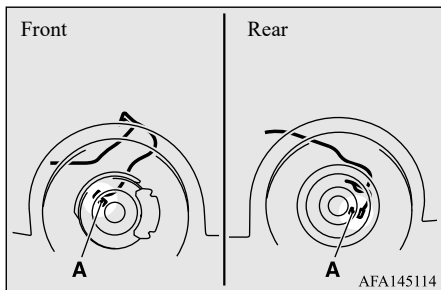
## Power steering system

### 2WD



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### 2WD Hi-Rider, 4WD



## Power steering system

E00607401544

The power steering system operates while the engine is running. It helps reduce the effort needed to turn the steering wheel.

The power steering system has mechanical steering capability in case the power assist is lost. If the power assist is lost for some reason, you will still be able to steer your vehicle, but you will notice it takes much more effort to steer. If this happens, have your vehicle inspected at an authorised MITSUBISHI MOTORS dealer.

### WARNING

- Do not stop the engine while the vehicle is moving. Stopping the engine would make the steering wheel extremely hard to turn, possibly resulting in an accident.

## Hydraulic power steering system (HPS)\*

E00620101160

### CAUTION

- Do not leave the steering wheel turned all the way in one direction. This can cause damage to the power steering system.

## Electric power steering system (EPS)\*

E00620201187

### NOTE

- During repeated full-lock turning of the steering wheel (for example, while you are manoeuvring the vehicle into a parking space), a protection function may be activated to prevent overheating of the power steering system. This function will make the steering wheel gradually harder to turn. In this event, limit your turning of the steering wheel for a while. When the system has cooled down, the steering effort will return to normal.
- If you turn the steering wheel while the vehicle is stationary with the headlamps on, the headlamps may become dim. This behaviour is not abnormal. The headlamps will return to their original brightness after a short while.

## Electric power steering system warning lamp

E00633101050



If there is a malfunction in the system, the warning lamp will come on.

Under normal conditions, the warning lamp comes on when the operation mode is put in ON, and goes off after the engine has started.

### CAUTION

- If the warning lamp comes on while the engine is running, have the vehicle inspected by an authorised MITSUBISHI MOTORS dealer as soon as possible. It may become harder to turn the steering wheel.

## Chassis control

E00698700023

The chassis control is an electric control module that includes the following function:

- Active Yaw Control (AYC)

### Active Yaw Control (AYC)

E00698800037

The AYC is a system, with a yaw control function, that controls the left-right driving/braking force by managing the brake.

The AYC is available only for vehicles equipped with the Drive mode.

### CAUTION

- AYC does not enhance the stopping performance of the vehicle, therefore, pay careful attention to the safety of your surroundings when driving.

### NOTE

- When AYC is operating, you may feel a pulsation in the brake pedal, sense slight deceleration, or hear a noise. This is normal and indicates that AYC is operating properly.

Refer to “AWC operation display” on page 5-16.

## Yaw control function

The yaw control function is a function that enhances vehicle cornering performance and vehicle stability with management of vehicle turning power (yaw moment) by controlling the braking force when the vehicle does not turn in response to steering input, such as when the steering wheel is turned quickly or when driving on slippery road.

When AYC is not functioning properly, the master warning lamp illuminates, and warning message “Chassis Control System Error See Owner’s Manual” will also appear in the multi-information display. If the Chassis

Control System Error See Owner’s Manual warning message appears in the multi-information display, it may indicate that AYC is not functioning properly. Have the system checked immediately. It is recommended that you contact an authorised MITSUBISHI MOTORS dealer. Refer to “Warning display list” on page 5-25.

## Active Stability & Traction Control (ASTC)

E00616702104

The Active Stability & Traction Control (ASTC) takes overall control of the ABS, active stability control function and active traction control function to help maintain the vehicle’s control and traction. Please read this section in conjunction with the page on the anti-lock brake system, active stability control function and active traction control function.

Anti-lock Brake System (ABS) → P.6-66  
Active Stability Control function → P.6-70  
Active Traction Control function → P.6-72

## Active Stability & Traction Control (ASTC)

6

### CAUTION

- Do not over-rely on the ASTC. Even the ASTC cannot prevent the natural laws of physics from acting on the vehicle. This system, like any other system, has limits and cannot help you to maintain traction and control of the vehicle in all circumstances. Reckless driving can lead to accidents. It is the driver's responsibility to drive carefully. This means into account the traffic, road and environmental conditions.
- Be sure to use the same specified type and size of tyre on all 4 wheels. Otherwise, the ASTC may not work correctly.
- Do not install any aftermarket limited slip differential (LSD) on your vehicle. The active stability control function may stop functioning properly.

### NOTE

- An operation noise may be emitted from the engine compartment in the following situations. The sound is associated with checking the operations of the ASTC. At this time, you may feel a shock from the brake pedal if you depress it. These do not indicate a malfunction.
  - When the ignition switch is turned to the "ON" position or the operation mode is put in ON.
  - When the vehicle is driven for a while after the engine is turned on.

### NOTE

- When the ASTC is activated, you may feel a vibration in the vehicle body or hear a whining sound from the engine compartment. This indicates that the system is operating normally. It does not indicate a malfunction.
- When the ABS warning lamp is illuminated, the ASTC is not active.
- On vehicles with the rear differential lock, the ASTC and ABS functions are suspended while the rear differential lock is activated. ASTC indicator lamp, ASTC OFF indicator lamp and ABS warning lamp are illuminated while these functions are suspended. It does not indicate a problem. When the rear differential lock is disengaged, these lamps go out and function again. Refer to "ABS warning lamp" on page 6-67, "ASTC indicator lamp or ASTC OFF indicator lamp" on page 6-72.

### Active Stability Control function

E00616901415

The active stability control function is designed to help the driver maintain control of the vehicle on slippery roads or during rapid steering maneuvers. It works by controlling the engine output and the brake on each wheel.

### NOTE

- The active stability control function does not operate when the 4WD selector is in the "4L" position (Easy Select 4WD), "4LLc" position (Super Select 4WD II). When the active stability control function is operating with the 4WD selector in the "2H" or "4H" position (Easy Select 4WD), "2H", "4H" or "4HLc" position (Super Select 4WD II), setting the 4WD selector to the "4L" (Easy Select 4WD), "4LLc" position (Super Select 4WD II) position makes the active stability control function deactivate automatically.
- The active stability control function operates at speeds of approximately 15 km/h or higher.
- On vehicles with the rear differential lock, the active stability control function does not operate when the rear differential lock is activated.



### Turning the ASC off

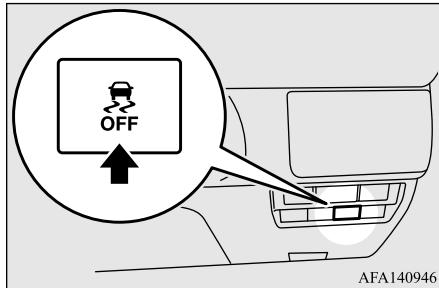
E00619202113

#### Vehicles equipped with the mono-colour liquid crystal display

The active stability control function is automatically activated when the ignition switch is turned to the "ON" position or the operation mode is put in ON. You can deactivate the system by pressing down the "ASC OFF" switch for 3 seconds or longer.

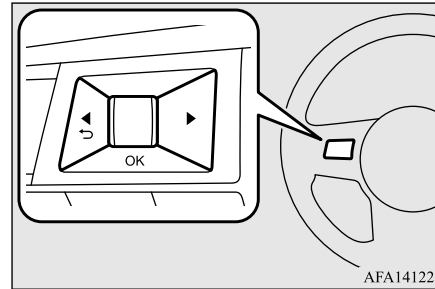
## Active Stability & Traction Control (ASTC)

When the active stability control function is deactivated, the  indicator will turn on. To reactivate the ASC, momentarily press the “ASC OFF” switch; the  indicator is turned off.



### Vehicles equipped with the colour liquid crystal display

Perform the following steps to turn the ASTC on or off.



1. Press the ◀ ▶ button until “Settings” appears in the multi-information display and then press the scroll dial. Refer to “Multi-information display - Type 1” on page 5-3.
2. Use scroll dial to select the “ASC Setting” menu then press the scroll dial.
3. Select “System” and press the scroll dial. This will turn the ASTC on or off.

When the ASTC is turned off, the ASTC OFF indicator lamp will illuminate.

### CAUTION

- For safety reasons, stop the vehicle before turning off the ASC function.
- Be sure to keep the active stability control function on while driving in normal circumstances.

### NOTE

- The ASTC will be automatically turned ON when the engine is restarted.

### Driving hints

E00616801241

When extricating the vehicle from mud, sand or fresh snow with the 4WD selector in the “2H” or “4H” position (Easy Select 4WD) or “2H”, “4H” or “4HLc” position (Super Select 4WD II), you may find that operation of the ASTC prevents the engine speed from increasing in response to depression of the accelerator pedal. If this happens and the vehicle remains stuck as a result, place the 4WD selector in the “4L” position (Easy Select 4WD), “4LLc” position (Super Select 4WD II), or turn the active stability control switch OFF. The vehicle will then be easier to extricate. (Brake control of the active traction control function is still working to prevent wheel spins when ASC OFF switch “OFF”, “4L” position (Easy Select 4WD) or “4LLc” position (Super Select 4WD II) selected.)

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## Active Stability & Traction Control (ASTC)

### NOTE

- If you continue to press the “ASC OFF” switch after the active stability control function is turned off, the “mistaken operation protection function” will activate and the active stability control function will turn back on.
- Even if the active stability control function is turned off, it may activate depending on the vehicle’s movement.

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### Active Traction Control function

E00617001048

On slippery surfaces, the active traction control function prevents the drive wheels from spinning excessive, thus helping the vehicle to start moving from a stopped condition. It also provides sufficient driving force and steering performance as the vehicle turns while pressing the acceleration pedal.

### CAUTION

- When driving a vehicle on a snowy or icy road, be sure to install snow tyres and drive the vehicle at moderate speeds.

### ASTC indicator lamp or ASTC OFF indicator lamp

E00619302198

The indicator lamps should illuminate when the ignition switch is turned to the “ON” position or the operation mode is put in ON and should go off after a few seconds. If the indicator lamps stay on or do not illuminate when the ignition switch is turned to the “ON” position or the operation mode is put in ON, please contact your nearest authorised MITSUBISHI MOTORS dealer for inspection.



ASTC indicator lamp



The indicator lamp will blink when the ASTC is operating.






ASTC OFF indicator lamp

This indicator lamp will turn on when the active stability control function is deactivated by either of the following operations:


- The ASC OFF switch is pressed to deactivated the system.
- The 4WD selector is placed in the “4L” position (Easy Select 4WD) or “4LLc” position (Super Select 4WD II).

### CAUTION

- When  indicator lamp blinks, ASTC is operating, which means that the road is slippery or that your vehicle’s wheels are beginning to slip. If this happens, drive slower with less accelerator input.
- If the temperature in the braking system continues to increase due to continuous brake control, the warning display may appear and the warning buzzer may sound intermittently to give a warning to the driver. If the driver continues driving even after this and then the temperature is further increased, the warning display may appear again, and the buzzer may sound continuously for several seconds. To prevent the brake system from overheating, the brake control of the active traction control function will be temporarily suspended. At this time, the  indicator lamp will illuminate. The normal brake operation will not be affected. Park your vehicle in a safe place. When the temperature in the braking system has come down, the  indicator lamp will be turned off and the active traction control function will start operating again.

 Brake Temperature High

**NOTE**

- The  indicator lamp may turn on when you start the engine. This means that the battery voltage momentarily dropped when the engine was started. It does not indicate a malfunction, provided that the indicator lamp goes out immediately.

**ASTC function indicator display**

E00647400204

When the ASTC or ABS are operating, the indicator display of the wheels will blink.



**NOTE**

- The ASTC function indicator display illuminates only when the 2WD/4WD operation display is selected. (Vehicles equipped with the colour liquid crystal display only)

**ASTC warning lamp**

E00619402157

If an abnormal condition occurs in the system, the following indicator lamps simultaneously will turn on.

-  - ASTC indicator lamp
-  - ASTC OFF indicator lamp

**CAUTION**

- The system may be malfunctioning. Park your vehicle in a safe place and stop the engine. Restart the engine and check whether the display/indicator lamp goes out. If they go out, there is no abnormal condition. If they do not go out or appear frequently, it is not necessary to stop the vehicle immediately, but we recommend you to have your vehicle inspected.

**Towing**

E00624401220

**CAUTION**

- When towing the vehicle with only the front wheels or only the rear wheels raised off the ground, do not turn the ignition switch to the "ON" position or do not put the operation mode in ON. Placing the ignition switch in the "ON" position or putting the operation mode in ON could cause the ASTC to operate, resulting in an accident. Note that the correct towing method depends on the transmission type and the vehicle's drive configuration. For details, refer to "Towing" on page 8-20.

**Adaptive Cruise Control System (ACC)\***

E00634601661

**WARNING**

- **Failure to follow the warnings and instructions for proper use of the ACC system could result in serious injury or death.**
- **ACC is not a self-driving system. Within the limits of its capabilities, as described in this manual, it helps the driver with certain driving activities.**
- **It is recommended for highway use only and it is not intended for city driving. It is the driver's responsibility to stay alert, drive safely, and be in control of the vehicle at all times.**
- **There are limitations to the ACC system capability. The ACC system does not function in all driving, traffic, weather, and road conditions. It is the driver's responsibility to stay alert, drive safely, keep the vehicle in the travelling lane, and be in control of the vehicle at all times.**
- **The ACC system is only an aid to assist the driver and is not a collision warning or avoidance device.**
- **The ACC system is for use on motorways with opposing traffic separated by a barrier only, and is not intended for city driving.**



## Adaptive Cruise Control System (ACC)\*

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### **⚠ WARNING**

- Always observe posted speed limits and do not set the speed over them.
- The ACC system does not react to stationary and slow moving vehicles.
- Always drive carefully and attentively when using the ACC system. Read and understand the owner's Manual thoroughly before using the ACC system. To avoid serious injury or death, do not rely on the system to prevent accidents or to control the vehicle's speed in emergency situations. Do not use the ACC system except in appropriate road and traffic conditions.
- In the conventional (fixed speed) cruise control mode, a warning chime will not sound to warn you if you are too close to the vehicle ahead. Pay special attention to the distance between your vehicle and the vehicle ahead of you or a collision could occur.
- ACC may be cancelled if sudden acceleration occurs on a downhill.
- If the vehicle ahead decelerates and your vehicle's speed drops below approximately 25 km/h, a warning chime sounds and ACC is automatically cancelled. Since brake control is not performed, operate the brakes so as not to collide with the vehicle ahead.

The ACC system maintains a selected distance from the vehicle in front of you within

the speed range of approximately 25 to 144 km/h up to the set speed. The set speed can be selected by the driver between 30 to 144 km/h.

The vehicle travels at a set speed when the road ahead is clear.

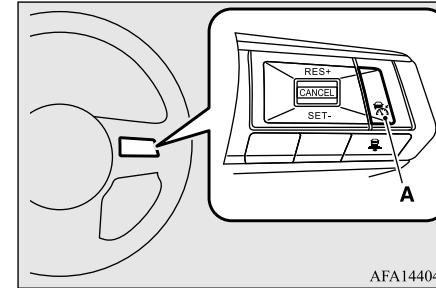
The ACC system can be set to one of two cruise control modes.

- Vehicle-to-vehicle distance control mode:  
For maintaining a selected distance between your vehicle and the vehicle in front of you up to the preset speed.
- Conventional (fixed speed) cruise control mode:  
For cruising at a preset speed.

### **How to use cruise control mode**

Press the MAIN switch (A) to choose the cruise control mode between the vehicle-to-vehicle distance control mode and the conventional (fixed speed) cruise control mode.

Once a control mode is activated, it cannot be changed to the other cruise control mode. To change the mode, press the MAIN switch (A) once to turn the system off. Then press the MAIN switch (A) again to turn the system back on and select the desired cruise control mode. Always confirm the setting in the ACC system display.



A- MAIN switch

### **Selecting vehicle-to-vehicle distance control mode**

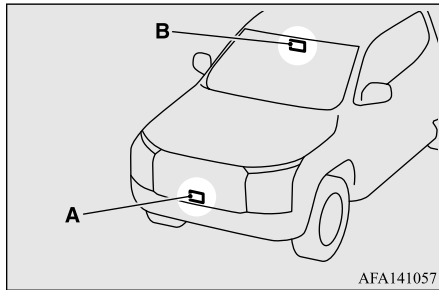
To choose the vehicle-to-vehicle distance control mode, quickly press and release the MAIN switch (A). Refer to "Vehicle-to-vehicle distance control mode" on page 6-75.

### **Selecting the conventional (fixed speed) cruise control mode**

To choose the conventional (fixed speed) cruise control mode, press and hold the MAIN switch (A) for longer than approximately 1.5 seconds. Refer to "Conventional (fixed speed) cruise control mode" on page 6-85.

## Vehicle-to-vehicle distance control mode

E00698900067



The ACC system is intended to enhance the operation of the vehicle when following a vehicle travelling in the same lane and direction.

The system uses a multi-sensing front camera (B) installed behind the windscreen and a radar sensor (A) located on the front of the vehicle to measure the distance to the vehicle ahead in the same lane. If the vehicle detects a slower moving vehicle ahead, the system will reduce the vehicle speed so that your vehicle follows the vehicle in front at the selected distance.

## NOTE

- It is important to ensure the front camera and radar sensors are clear at all times. Refer to “ACC sensor maintenance” on page 6-84.

## Vehicle-to-vehicle distance control mode operation

The vehicle-to-vehicle distance control mode is designed to maintain a selected distance and reduce the speed to match the slower vehicle ahead; the system will decelerate the vehicle as necessary and if the vehicle speed drops to below approximately 25 km/h, ACC is automatically cancelled. However, the ACC system can only apply up to approximately 40 % of the vehicle’s total braking power. This system should only be used when traffic conditions allow vehicle speeds to remain fairly constant or when vehicle speeds change gradually. If a vehicle moves into the travelling lane ahead or if a vehicle travelling ahead rapidly decelerates, the distance between vehicles may become closer because the ACC system cannot decelerate the vehicle quickly enough. If this occurs, the ACC system will sound a warning chime and blink the system display to notify the driver to take necessary action.

## Adaptive Cruise Control System (ACC)\*

Do not use the ACC system if the cargo bed is heavily loaded as enough braking may not be applied.

The system will cancel and a warning chime will sound if the speed is below approximately 25 km/h. Refer to “Approach warning” on page 6-79.

The following items are controlled in the vehicle-to-vehicle distance control mode:

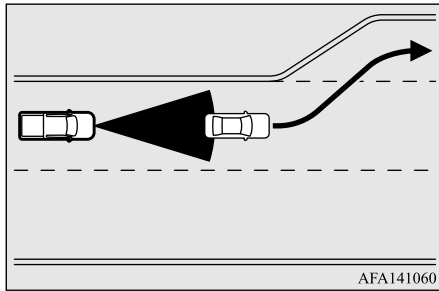
- When there are no vehicles travelling ahead, the vehicle-to-vehicle distance control mode maintains the speed set by the driver. The set speed range is between approximately 30 and 144 km/h.
- When there is a vehicle travelling ahead, the vehicle-to-vehicle distance control mode adjusts the speed to maintain the distance, selected by driver, from the vehicle ahead. The adjusting speed range is up to the set speed. If the vehicle speed drops to below approximately 25 km/h while following the vehicle ahead, a warning chime sounds and ACC is automatically cancelled.
- When the vehicle travelling ahead has moved out from its lane of travel, the vehicle-to-vehicle distance control mode accelerates and maintains vehicle speed up to the set speed.

The ACC system does not control vehicle speed or warn you when you approach sta-

## Adaptive Cruise Control System (ACC)\*

tionary and slow moving vehicles. You must pay attention to vehicle operation to maintain proper distance from vehicles ahead when approaching toll gates or traffic congestion.

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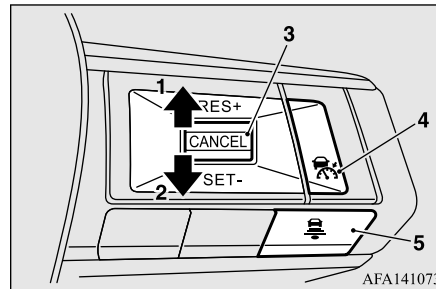
When driving on the highway at a set speed and approaching a slower travelling vehicle ahead, the ACC system will adjust the speed to maintain the distance, selected by the driver, from the vehicle ahead. If the vehicle ahead changes lanes or exits the freeway, the ACC system will accelerate and maintain the speed up to the set speed. Pay attention to the driving operation to maintain control of the vehicle as it accelerates to the set speed.

The vehicle may not maintain the set speed on winding or hilly roads. If this occurs, you will have to manually control the vehicle speed.

Normally when controlling the distance to a vehicle ahead, this system automatically

accelerates or decelerates your vehicle according to the speed of the vehicle ahead. Depress the accelerator to properly accelerate your vehicle when acceleration is required for a lane change. Depress the brake pedal when deceleration is required to maintain a safe distance to the vehicle ahead due to its sudden braking or if a vehicle cuts in. Always stay alert when using the ACC system.

### Vehicle-to-vehicle distance control mode switches

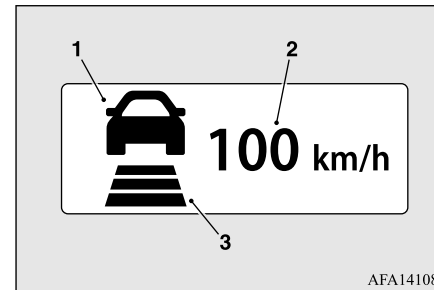


The system is operated by a MAIN switch and four control switches, all mounted on the steering wheel.

1. RES+ switch:  
Resumes set speed or increases speed incrementally.

2. SET- switch:  
Sets desired cruise speed, reduces speed incrementally.
3. CANCEL switch:  
Deactivates the system without erasing the set speed.
4. MAIN switch:  
Master switch to activate the system.
5. DISTANCE switch:  
Changes the vehicle's following distance:
  - Long
  - Middle
  - Short

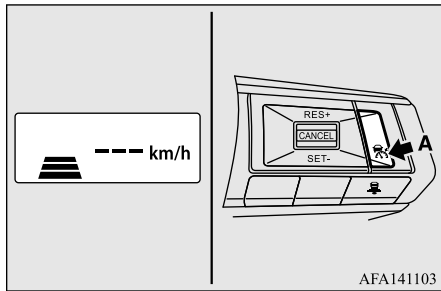
### Vehicle-to-vehicle distance control mode display and indicators



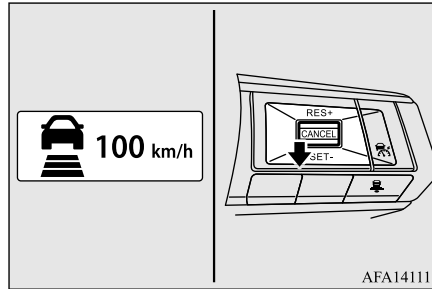
1. Vehicle ahead detection indicator:  
Indicates whether it detects a vehicle in front of you.

2. Set vehicle speed indicator:  
Indicates the set vehicle speed.
3. Set distance indicator:  
Displays the selected distance between vehicles set with the DISTANCE switch.

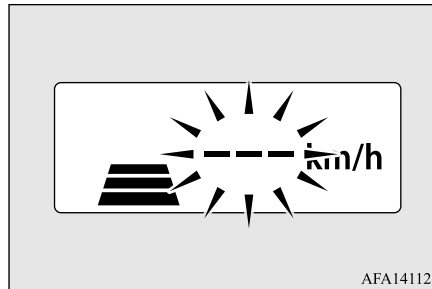
### Operating vehicle-to-vehicle distance control mode



To turn on the cruise control, quickly press and release the MAIN switch (A) on. The set distance indicator and set vehicle speed indicator come on and in a standby state for setting.



To set cruising speed, accelerate your vehicle to the desired speed, press the SET- switch and release it. (The vehicle ahead detection indicator, set distance indicator and set vehicle speed indicator come on.) Take your foot off the accelerator pedal. Your vehicle will maintain the set speed.



When the SET- switch is pressed down under the following conditions, the ACC Assist sys-

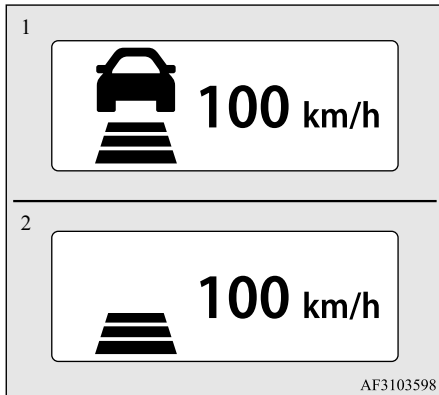
### Adaptive Cruise Control System (ACC)\*

tem cannot be set and the set vehicle speed indicator blinks for approximately 2 seconds.

- When travelling below approximately 30 km/h.
- When the selector lever is not in the “D” (DRIVE) position or the manual shift mode.
- When the parking brake is applied.
- When the brakes are operated by the driver.
- When the ASTC system is off. Refer to “Active Stability & Traction Control (ASTC)” on page 6-69. When the ASTC system (including the traction control system) is operating.
- When the SNOW mode, MUD mode, SAND mode or GRAVEL mode is selected.
- When a wheel is slipping.

## Adaptive Cruise Control System (ACC)\*

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1. System set display with vehicle ahead\*
2. System set display without vehicle ahead\*

\*: The design of the set display may differ depending on the model

The driver sets the desired vehicle speed based on the road conditions. The ACC system maintains the set vehicle speed, similar to standard cruise control, as long as no vehicle is detected in the lane ahead.

The ACC system displays the set speed.

### Cut-in detection

If a vehicle moves into your travelling lane near your vehicle, the system will inform the

driver by flashing the vehicle ahead detection indicator.

### NOTE

- When a vehicle travelling in the adjacent lane approaches, the system may detect a cut-in situation before entering the lane in which the vehicle is travelling. This is a warning in advance and is not a malfunction.

### Vehicle detected ahead

When a vehicle is detected in the lane ahead, the ACC system decelerates the vehicle by controlling the throttle and applying the brakes to match the speed of a slower vehicle ahead. The system then controls the vehicle speed based on the speed of the vehicle ahead to maintain the driver selected distance.

### NOTE

- The stop lamps of the vehicle come on when braking is performed by the ACC system.
- When the brake operates, a noise may be heard and/or vibration may be felt. This is not a malfunction.

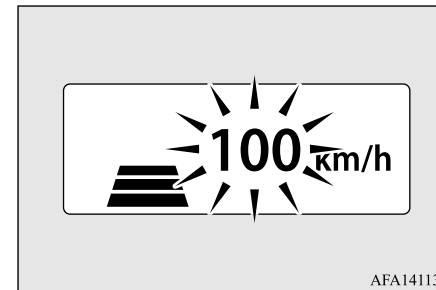
When a vehicle ahead is detected, the vehicle ahead detection indicator comes on. The ACC system will also display the set speed and selected distance.

### Vehicle ahead not detected

When a vehicle is no longer detected ahead, the ACC system gradually accelerates your vehicle to resume the previously vehicle set speed. The ACC system then maintains the vehicle set speed.

When a vehicle is no longer detected, the vehicle ahead detection indicator and speed control status indicator (maintain speed control mode) turn off.

The ACC system gradually accelerates to the vehicle set speed, but you can depress the accelerator pedal to quickly accelerate. When your vehicle is travelling under approximately 25 km/h, the ACC system automatically cancels.



When passing another vehicle, the set speed indicator will flash when the vehicle speed exceeds the set speed. The vehicle detect

indicator will turn off when the area ahead of the vehicle is open. When the pedal is released, the vehicle will return to the previously set speed.

Even though your vehicle speed is set in the ACC system, you can depress the accelerator pedal when it is necessary to accelerate your vehicle rapidly.

### How to change set vehicle speed

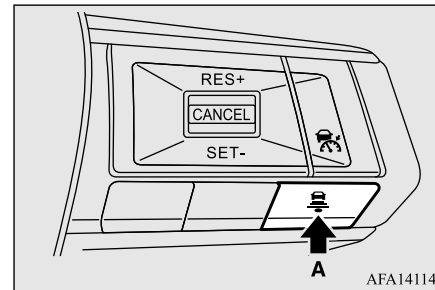
The set vehicle speed can be adjusted.  
To change to a faster cruising speed:

- Press up and hold the RES+ switch. The set vehicle speed increases in increments of 5 km/h.
- Press up, then quickly release the RES+ switch. Each time you do this, the set vehicle speed increases by 1 km/h.
- Depress the accelerator pedal. When the vehicle attains the desired speed, press down and release the SET- switch.

To change to a slower cruising speed:

- Press down and hold the SET- switch. The set vehicle speed decreases in increments of 5 km/h.
- Press down, then quickly release the SET- switch. Each time you do this, the set vehicle speed decreases by 1 km/h.

### How to change set distance to vehicle ahead



The distance to the vehicle ahead can be selected at any time depending on the traffic conditions.

Each time the DISTANCE switch (A) is pressed, the set distance will change to long, middle, short and back to long again in that sequence.

Dis-tance	Display	Approximate distance at 100 km/h [m]
Long	100 km/h	60

Dis-tance	Display	Approximate distance at 100 km/h [m]
Middle	100 km/h	45
Short	100 km/h	30

**6**

- The distance to the vehicle ahead will change according to the vehicle speed. The higher the vehicle speed, the longer the distance.
- The distance setting will remain at the current setting even if the engine is restarted.

### Approach warning

E0069900023

If your vehicle comes closer to the vehicle ahead due to rapid deceleration of that vehicle or if another vehicle cuts in, the system warns the driver with the chime and ACC system display. Decelerate by depressing the brake pedal to maintain a safe vehicle distance if:

- The chime sounds. (The chime will not sound when another vehicle cuts in)

## Adaptive Cruise Control System (ACC)\*

- The vehicle ahead detection indicator blink.
- You judge it necessary to maintain a safe distance.

The warning chime may not sound in some cases when there is a short distance between vehicles. Some examples are:

**6**

- When the vehicles are travelling at the same speed and the distance between vehicles is not changing
- When the vehicle ahead is travelling faster and the distance between vehicles is increasing
- When a vehicle cuts in near your vehicle

The warning chime will not sound when:

- Your vehicle approaches other vehicles that are parked or moving slowly.
- The accelerator pedal is depressed, overriding the system.

### NOTE

- The approach warning chime may sound and the system display may blink when the radar sensor detects objects on the side of the vehicle or on the side of the road. This may cause the ACC system to decelerate or accelerate the vehicle. The radar sensor may detect these objects when the vehicle is driven on winding roads, narrow roads, hilly roads or when entering or exiting a curve. In these cases you will have to manually control the proper distance ahead of your vehicle.

Also, the sensor sensitivity can be affected by vehicle operation (steering manoeuvre or driving position in the lane) or traffic or vehicle condition (for example, if a vehicle is being driven with some damage).

### Acceleration when passing

E00699800021

When the ACC system is engaged above 70 km/h and following a slower vehicle (below the set vehicle speed), and the turn signal is activated to the right, the ACC system will automatically start to accelerate the vehicle to help initiate passing on the right and will begin to reduce the distance to vehicle directly ahead. Only the right side turn signal operates this feature. As the driver steers the vehicle and moves into the passing lane, if no vehicle is detected ahead the ACC

system will continue to accelerate to the set vehicle speed. If another vehicle is detected ahead, then the vehicle will accelerate up to the following speed of that vehicle. If the vehicle is not steered into the right lane to pass, the acceleration will stop after a short time and regain the set following distance. Acceleration can be stopped at any point by depressing the brake pedal or the CANCEL switch on the steering wheel.

### WARNING

- **In order to reduce the risk of a collision that may result in serious injury or death, please be aware of the following:**
  - This function is only activated with the right turn signal and will briefly accelerate the vehicle even if a lane change is not initiated. This can include non-passing situations such as right side exits.
  - Ensure that when passing another vehicle, the adjacent lane is clear before initiating the pass. Sudden changes in traffic may occur while passing. Always manually steer or brake as needed. Never solely rely on the system.

**Vehicle-to-vehicle distance control mode limitations**

E00699500060

**⚠ WARNING**

- Listed below are the system limitations for the ACC system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.
- The system is primarily intended for use on straight, dry, open roads with light traffic. It is not advisable to use the system in city traffic or congested areas.
- This system will not adapt automatically to road conditions. This system should be used in evenly flowing traffic. Do not use the system on roads with sharp curves, or on icy roads, in heavy rain or in fog.
- Do not use the ACC system if the cargo bed is heavily loaded as enough braking may not be applied.
- As there is a performance limit to the distance control function, never rely solely on the ACC system. This system does not correct careless, inattentive or absent-minded driving, or overcome poor visibility in rain, fog, or other bad weather. Decelerate the vehicle speed by depressing the brake pedal, depending on the distance to the vehicle ahead and the surrounding circumstances in order to maintain a safe distance between vehicles.

**⚠ WARNING**

- If the vehicle ahead decelerates and your vehicle's speed drops below approximately 25 km/h, a warning chime sounds and ACC is automatically cancelled. Since brake control is not performed, operate the brakes so as not to collide with the vehicle ahead.
- Always pay attention to the operation of the vehicle and be ready to manually control the proper following distance. The vehicle-to-vehicle distance control mode of the ACC system may not be able to maintain the selected distance between vehicles (following distance) or selected vehicle speed under some circumstances.
- The ACC system does not detect the following objects:
  - Stationary or slow moving vehicles (when your vehicle is approaching them)
  - Pedestrians or objects in the roadway
  - Oncoming vehicles in the same lane
  - Motorcycles travelling offset in the travel lane
- The ACC system may not detect a vehicle ahead in certain road, weather or driving conditions. To avoid accidents, never use the ACC system under the following conditions:

**⚠ WARNING**

- On roads with heavy, high-speed traffic or sharp curves
- On slippery road surfaces such as on ice or snow, etc.
- On a bumpy road surface, such as an uneven dirt road
- On steep downhill roads (the vehicle may go beyond the vehicle set speed and frequent braking may result in overheating the brakes)
- On repeated uphill and downhill roads
- During bad weather (rain, fog, snow, etc.)
- When the sensor detection is reduced (conditions such as rain, snow, fog, dust storms, sandstorms, and road spray from other vehicles)
- When dirt, ice, snow or other material adhere to the radar sensor area
- When traffic conditions make it difficult to keep a proper distance between vehicles because of frequent acceleration or deceleration
- When a complicated-shaped vehicle such as a car carrier trailer or flatbed truck/trailer is near the vehicle ahead
- When there is interference by other radar sources
- When excessively heavy baggage is loaded in the rear seat or cargo area of your vehicle
- When towing a trailer



## Adaptive Cruise Control System (ACC)\*

6

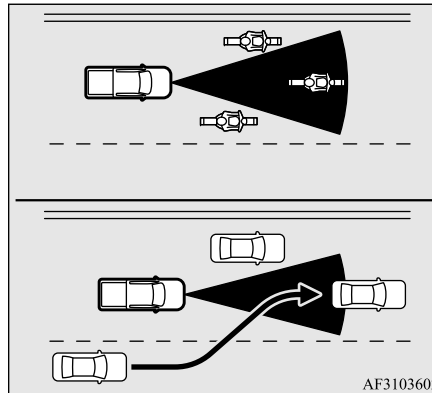
### ⚠ WARNING

- Do not use the ACC system if you are towing a trailer. The system may not detect a vehicle ahead.
- Do not use the ACC system when driving with a tyre that is not within normal tyre conditions (for example, tyre wear, low tyre pressure, installation of tyre chains, non-standard wheels).
- In some road or traffic conditions, a vehicle or object can unexpectedly come into the sensor detection zone and cause automatic braking. You may need to control the distance from other vehicles using the accelerator pedal. Always stay alert and avoid using the ACC system when it is not recommended in this section.
- ACC may be cancelled if sudden acceleration occurs on a downhill.
- The ACC system also uses a multi-sensing front camera. The following are some conditions in which the camera may not properly detect a vehicle and detection of a vehicle ahead may be delayed:

### ⚠ WARNING

- Poor visibility (conditions such as rain, snow, fog, dust storms, sandstorms, and road spray from other vehicles)
- The camera area of the windscreen is fogged up or covered with dirt, water drops, ice, snow, etc.
- Strong light (for example, sunlight or high beams from oncoming vehicles) enters the front camera
- A sudden change in brightness occurs (for example, when the vehicle enters or exits a tunnel or shaded area or lightning flashes)

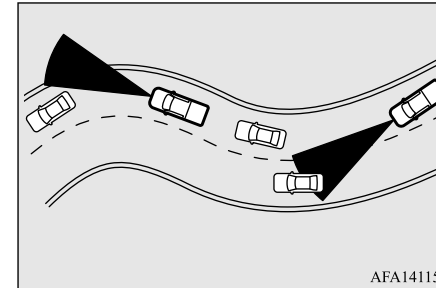
The ACC system is designed to automatically check the radar sensor's operation within the limitations of the system.



The detection zone of the ACC sensor is limited. A vehicle ahead must be in the detection zone for the vehicle-to-vehicle distance detection mode to maintain the selected distance from the vehicle ahead.

A vehicle ahead may move outside of the detection zone due to its position within the same lane of travel. Motorcycles may not be detected in the same lane ahead.

A vehicle that is entering the lane ahead may not be detected until the vehicle has completely moved into the lane.



When driving on some roads, such as winding, hilly, curved, narrow roads, or roads which are under construction, the radar sensor may detect vehicles in a different lane, or may temporarily not detect a vehicle traveling ahead. This may cause the radar system to decelerate or accelerate the vehicle.

The detection of vehicles may also be affected by vehicle operation (steering manoeuvre or travelling position in the lane, etc.) or vehicle condition.

The ACC system uses a multi-sensing front camera. The following are some conditions in which the camera may not properly detect a vehicle and detection of a vehicle ahead may be delayed:

- Poor visibility (conditions such as rain, snow, fog, dust storms, sandstorms, and road spray from other vehicles).
- The camera area of the windscreen is fogged up or covered with dirt, water drops, ice, snow, etc.
- Strong light (for example, sunlight or high beams from oncoming vehicles) enters the front camera.
- Strong light causes the area around the pedestrian to be cast in a shadow, making it difficult to see.
- A sudden change in brightness occurs (for example, when the vehicle enters or exits a tunnel or shaded area or lightning flashes).

### System temporarily unavailable

E00699600074

#### ■ Condition A:

Under the following conditions, the ACC system is automatically cancelled. A chime will sound and the system will not be able to be set.

- Your vehicle is travelling below the speed of approximately 25 km/h.
- The selector lever is not in the “D” (DRIVE) position or manual shift mode.
- The parking brake is applied.
- The ASTC turned off.
- ASTC (including the traction control system) operates.
- The SNOW mode, MUD mode, SAND mode or GRAVEL mode is selected.
- A wheel slips.
- When distance measurement becomes impaired due to adhesion of dirt or obstruction to the sensor.
- When the radar signal is temporarily interrupted.

Action to take:

When the conditions listed above are no longer present, turn the system off using the MAIN switch. Turn the ACC system back on to use the system.

#### ■ Condition B:

When there is inclement weather (rain, fog, snow, etc.) blocking the front radar sensor, the ACC system will automatically be cancelled, the chime will sound and the “Forward Driving Aids Temporarily Disabled Front Sensor Blocked See Owner’s Manual” warning message will appear in the multi-information display.

Action to take:

When the above condition is no longer present, the warning message will no longer be available in the multi-information display and the system will operate normally. If the “Forward Driving Aids Temporarily Disabled Front Sensor Blocked See Owner’s Manual” warning message continues to be displayed, have the system checked. It is recommended that you contact an authorised MITSUBISHI MOTORS dealer.

#### ■ Condition C:

When the radar sensor on the vehicle front area is covered with dirt or is obstructed, the ACC system will automatically be cancelled. The chime will sound and the “Forward Driving Aids Temporarily Disabled Front Sensor Blocked See Owner’s Manual” warning message will appear in the multi-information display.

## Adaptive Cruise Control System (ACC)\*

Action to take:

If the warning message appears, stop the vehicle in a safe place, place the selector lever into the “P” (PARK) position, and turn the engine off. When the radar signal is temporarily interrupted, clean the sensor area on the vehicle front area and restart the engine. If the “Forward Driving Aids Temporarily Disabled Front Sensor Blocked See Owner’s Manual” warning message continues to be displayed, check that the cover of the sensor is not covered by dirt, snow or ice. If the warning message is still displayed, have the system checked. It is recommended that you contact an authorised MITSUBISHI MOTORS dealer.

### ■ Condition D:

When driving on roads with limited road structures or buildings (for example, long bridges, deserts, snow fields, driving next to long walls), the system may illuminate the system warning display the “Forward Driving Aids Temporarily Disabled Front Sensor Blocked See Owner’s Manual” message.

Action to take:

When the above driving conditions no longer exist, turn the system back on.

## ACC system malfunction

E00699700046

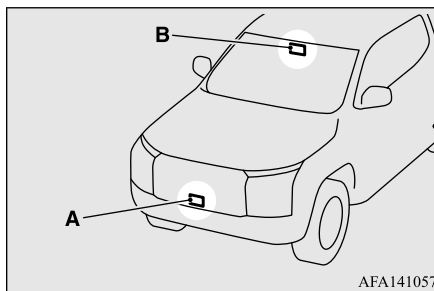
If the ACC system malfunctions, it will be turned off automatically, a chime will sound, and the ACC indicator (orange) will illuminate and the “Malfunction See Owner’s Manual” warning message will appear in the multi-information display.

Action to take:

If the warning illuminates, stop the vehicle in a safe place. Turn the engine off, restart the engine and set the ACC system again. If it is not possible to set the ACC system or the warning stays on, it may be a malfunction. Although the normal driving can be continued, the ACC system should be inspected. It is recommended that you contact an authorised MITSUBISHI MOTORS dealer.

## ACC sensor maintenance

E00655700020



The radar sensor (A) is located on the front of the vehicle.

To keep the ACC system operating properly, be sure to observe the following:

- Always keep the sensor area clean.
- Do not strike or damage the areas around the sensor.
- Do not attach a sticker (including transparent material) or install an accessory near the sensor. This could cause failure or malfunction.
- Do not attach metallic objects near the sensor area (brush guard, etc.). This could cause failure or malfunction.
- Do not alter, remove, or paint the exterior of the vehicle front area.

Before customising or restoring the exterior of the vehicle front area, it is recommended that you contact an authorised MITSUBISHI MOTORS dealer.

The front camera (B) is located above the inside mirror.

To keep the proper operation of the systems and prevent a system malfunction, be sure to observe the following:

- Always keep the windscreen clean.
- Do not attach a sticker (including transparent material) or install an accessory near the camera unit.

- Do not place reflective materials, such as white paper or a mirror, on the instrument panel. The reflection of sunlight may adversely affect the camera unit's capability of detecting the lane markers.
- Do not strike or damage the areas around the camera unit. Do not touch the camera lens or remove the screw located on the camera unit.

If the camera unit is damaged due to an accident, it is recommended that you contact an authorised MITSUBISHI MOTORS dealer.

### Conventional (fixed speed) cruise control mode

E00699100024

#### **! WARNING**

- ACC provides no approach warnings or automatic braking in the conventional (fixed speed) cruise control mode.

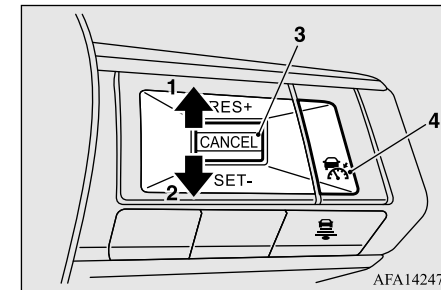
This mode allows driving at a speed between 30 to 144 km/h without keeping your foot on the accelerator pedal.

#### **! WARNING**

- In the conventional (fixed speed) cruise control mode, a warning chime does not sound to warn you if you are too close to the vehicle ahead, as neither the presence of the vehicle ahead nor the vehicle-to-vehicle distance is detected.
- Pay special attention to the distance between your vehicle and the vehicle ahead of you or a collision could occur.
- Always confirm the setting in the cruise control system display.
- Do not use the conventional (fixed speed) cruise control mode when driving under the following conditions:
  - When it is not possible to keep the vehicle at a set speed
  - In heavy traffic or in traffic that varies in speed
  - On winding or hilly roads
  - On slippery roads (rain, snow, ice, etc.)
  - In very windy areas
- Doing so could cause a loss of vehicle control and result in an accident.

### Conventional (fixed speed) cruise control switch

E00699200025



1. RES+ switch:  
Resumes set speed or increases speed incrementally.
2. SET- switch:  
Sets the desired cruise speed, reduces speed incrementally.
3. CANCEL switch:  
Deactivates the system without erasing the set speed.
4. MAIN switch:  
Master switch to activate the system.

**6**

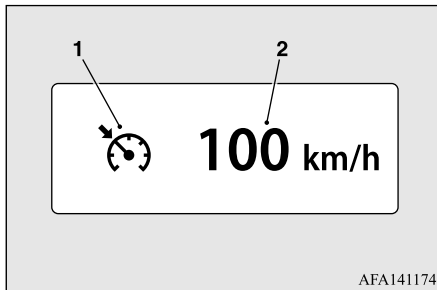
## Adaptive Cruise Control System (ACC)\*

### Conventional (fixed speed) cruise control mode display and indicators

E00699300026

The display is located in the multi-information display.

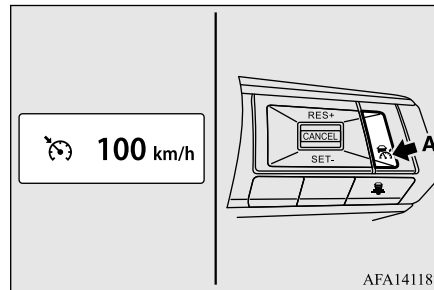
6



1. Cruise indicator:  
This indicator indicates the condition of the ACC system depending on a colour.
  - Cruise control ON indicator (grey): Indicates that the MAIN switch is on
  - Cruise control SET indicator (green): Indicates that the cruising speed is set
  - Cruise control warning (orange): Indicates that there is a malfunction in the cruise control system
2. Set vehicle speed indicator:  
This indicator indicates the set vehicle speed.

### Operating conventional (fixed speed) cruise control mode

E00699400056



To turn on the conventional (fixed speed) cruise control mode, press and hold the MAIN switch (A) for longer than about 1.5 seconds.

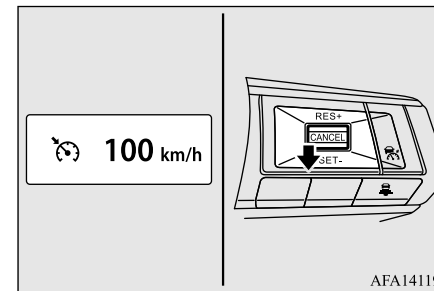
When pressing the MAIN switch on, the conventional (fixed speed) cruise control mode display and indicators are displayed in the multi-information display. After you hold the MAIN switch on for longer than about 1.5 seconds, the cruise control system display turns off. The cruise indicator appears. You can now set your desired cruising speed. Pressing the MAIN switch again will turn the system completely off. When the operation mode is in OFF, the system is also automatically turned off.

To use the ACC system again, quickly press and release the MAIN switch (vehicle-to-

vehicle distance control mode) or press and hold it (conventional cruise control mode) again to turn it on.

### WARNING

- To avoid accidentally engaging cruise control, make sure to turn the MAIN switch off when not using the cruise control system.



To set cruising speed, accelerate your vehicle to the desired speed, press down the SET—switch and release it. (The colour of the cruise indicator changes to green and set vehicle speed indicator comes on.) Take your foot off the accelerator pedal. Your vehicle will maintain the set speed.

## Forward Collision Mitigation system (FCM)\*

- To pass another vehicle, depress the accelerator pedal. When you release the pedal, the vehicle will return to the previously set speed.
- The vehicle may not maintain the set speed when going up or down steep hills. If this happens, manually maintain vehicle speed.

To cancel the preset vehicle speed, use any of the following methods:

1. Press the CANCEL switch. The set vehicle speed indicator will turn off.
2. Tap the brake pedal. The set vehicle speed indicator will turn off.
3. Turn the MAIN switch off. Both the cruise indicator and set vehicle speed indicator will turn off.

To reset at a faster cruising speed, use one of the following three methods:

1. Depress the accelerator pedal. When the vehicle attains the desired speed, press down and release the SET— switch.
2. Press up and hold the RES+ switch. The set vehicle speed increases in increments of 5 km/h.
3. Press up, then quickly release the RES+ switch. Each time you do this, the set vehicle speed increases by 1 km/h.

To reset at a slower cruising speed, use one of the following three methods:

1. Lightly tap the brake pedal. When the vehicle attains the desired speed, press down the SET— switch and release it.
2. Press down and hold the SET— switch. The set vehicle speed decreases in increments of 5 km/h.
3. Press down, then quickly release the SET— switch. Each time you do this, the set vehicle speed decreases by 1 km/h.

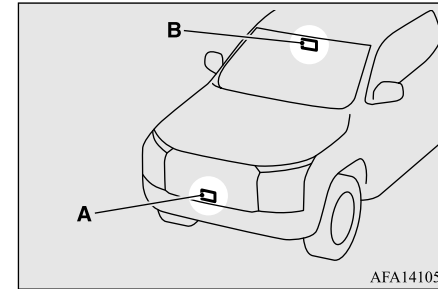
To resume the preset vehicle speed, press up and release the RES+ switch. The vehicle will resume the last set cruising speed when the vehicle speed is over 30 km/h.

### Forward Collision Mitigation system (FCM)\*

E00635101663

The Forward Collision Mitigation system (FCM) can assist the driver when there is a risk of a forward collision with:

- a vehicle ahead in the travelling lane
- a pedestrian ahead in the travelling lane



The FCM uses a radar sensor (A) located on the front of the vehicle to measure the distance to the vehicle ahead in the same lane.

For pedestrian, the FCM uses a front camera (B) installed behind the Windscreen in addition to the radar sensor.

#### **⚠ WARNING**

- The FCM is a supplemental aid to the driver. It is not a replacement for the driver's attention to traffic conditions or responsibility to drive safely. It cannot prevent accidents due to carelessness or dangerous driving techniques.
- The FCM does not function in all driving, traffic, weather and road conditions.

6

Forward Collision Mitigation system (FCM)\*



**FCM operation**

E00656100063

If a risk of a forward collision is detected, the FCM will first provide a warning to the driver by flashing the warning (yellow) in the multi-information display and providing an audible warning. In addition, the FCM applies partial braking. If the driver applies the brakes quickly and forcefully, but the FCM detects that there is still the possibility of a forward collision, the system will automatically increase the braking force.

If the driver has not take any action yet, the FCM issues the second visual warning (flashing red and white) and audible warning, then the system applies partial braking. If the risk of a collision becomes imminent, the FCM applies harder braking automatically.

**6**

Warning	Visual	Audible
First		Chime
Second		High pitched chime

The FCM will function when your vehicle is driven at speeds above approximately 10 km/h. For the pedestrian detection function, the FCM operates at speeds between 10 - 80 km/h.

**NOTE**

- The vehicle's brake lamps come on when braking is performed by the FCM.
- When the FCM detects an obstacle in the path of the vehicle and displays the FCM warning, a noise may be heard from the engine bay as the vehicle primes the brakes to improve response time.

Depending on vehicle speed and distance to another vehicle or pedestrian ahead, as well as driving and roadway conditions, the system may help the driver avoid a forward collision or may help mitigate the consequences of an unavoidable collision. If the driver is handling the steering wheel, accelerating or braking, the FCM will function later or will not function.

If the FCM has stopped the vehicle, the vehicle will remain at a standstill for approximately 2 seconds before the brakes are released.

If the brake pedal is depressed while the brakes are being applied by the system, you may feel the pedal effort has changed and may hear a sound and feel vibration. This is

normal and does not indicate a malfunction. In addition, the braking force can be increased by increasing the pedal effort. The automatic braking will cease under the following conditions:

- When the steering wheel is turned as far as necessary to avoid a collision.
- When there is no longer a vehicle or pedestrian detected ahead.
- When the accelerator pedal is depressed

**WARNING**

- Listed below are the system limitations for the FCM. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.
  - The FCM cannot detect all vehicles and pedestrians under all conditions.
  - The FCM does not detect the following objects:
    - Small pedestrians (including small children) and animals.
    - Pedestrians in wheelchairs or using mobile transport such as scooters, child-operated toys, or skateboards.
    - Pedestrians who are seated or otherwise not in a full upright standing or walking position.
    - Crossing vehicles.
    - Obstacles on the roadside
    - Parked vehicles.

**⚠ WARNING**

- The FCM has some performance limitations.
- If a stationary vehicle is in the vehicle's path, the FCM will not function when the vehicle is driven at speeds over approximately 80 km/h.
- The FCM may not function for pedestrians in darkness or in tunnels, even if there is street lighting in the area.
- The FCM may not function if the vehicle ahead is narrow (for example, a motorcycle).
- The FCM may not function if the speed difference between the two vehicles is too small.
- The FCM may not apply braking when the vehicle speed is high in the operation range.
- For pedestrians, the FCM with pedestrian detection system may not issue the first warning.
- The FCM may not function properly or may not detect a vehicle or pedestrian ahead in the following conditions:

**⚠ WARNING**

- In dark or dimly lit conditions, such as at night or in tunnels, including cases where your vehicle's headlights are off or dim, or the tail lights of the vehicle ahead are off.
- When the direction of the camera is misaligned.
- Poor visibility (conditions such as rain, snow, fog, dust storms, sandstorms, and road spray from other vehicles)
- Driving on a steep downhill slope or roads with sharp curves.
- Driving on a bumpy road surface, such as an uneven dirt road.
- If dirt, ice, snow or other material is covering the radar sensor area.
- Interference by other radar sources.
- The camera area of windscreen is fogged up, or covered with dirt, water drops, ice, snow, etc.
- Strong light (for example, sunlight or high beams from oncoming vehicles) enters the front camera. Strong light causes the area around the pedestrian to be cast in a shadow, making it difficult to see.
- A sudden change in brightness occurs. (For example, when the vehicle enters or exits a tunnel or a shaded area or lightning flashes.)
- The poor contrast of a person to the background, such as having clothing colour or pattern which is similar to the background.

**⚠ WARNING**

- The pedestrian's profile is partially obscured or unidentifiable; for example, due to transporting luggage, pushing a stroller, wearing bulky or very loose-fitting clothing or accessories, or being in a unique posture (such as raising hands).
- When your vehicle's position or movement is changed quickly or significantly (for example, lane change, turning vehicle, abrupt steering, sudden acceleration or deceleration).
- When your vehicle or the vehicle, pedestrian ahead moves quickly or significantly such that the system cannot detect and react in time (for example, pedestrian moving quickly toward the vehicle at close range, vehicle cutting in, changing lanes, making a turn, steering abruptly, sudden acceleration or deceleration).
- When the vehicle, pedestrian is offset from the vehicle's forward path.
- If the speed difference between the two vehicles is small.
- For approximately 15 seconds after starting the engine.
- If the vehicle ahead or oncoming vehicle has a unique or unusual shape, extremely low or high clearance heights, or unusual cargo loading or is narrow (for example, a motorcycle).



Forward Collision Mitigation system (FCM)\*

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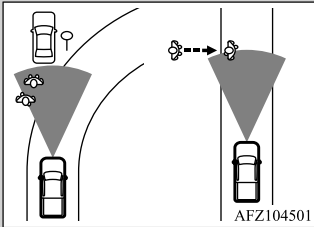
**⚠️ WARNING**

- When the vehicle or pedestrian is located near a traffic sign, a reflective area (for example, water on road), or is in a shadow.
- When multiple pedestrians are grouped together.
- When the view of the pedestrian is obscured by a vehicle or other object.
- While towing a trailer.
- When the object is a pedestrian in a whitish costume or a cyclist in a whitish costume.
- The system performance may degrade in the following conditions:
  - The vehicle is driven on a slippery road.
  - The vehicle is driven on a slope.
  - Excessively heavy baggage is loaded in the rear seat or the cargo area of your vehicle.
- The system is designed to automatically check the sensor (radar and camera)'s functionality, within certain limitations. The system may not detect blockage of sensor areas covered by ice, snow or stickers, for example. In these cases, the system may not be able to warn the driver properly. Be sure that you check, clean and clear sensor areas regularly.
- In some road and traffic conditions, the FCM may unexpectedly apply partial braking. When acceleration is necessary, depress the accelerator pedal to override the system.

**⚠️ WARNING**

- Excessive noise will interfere with the warning chime sound, and the chime may not be heard.
- Braking distances increase on slippery surfaces.
- The FCM may operate when the following points are similar to the outlines of pedestrians or if they are the same size and position as a vehicle's and motorcycle's tail lights.
  - Paint, a shadow or a pattern on the road, roadside or wall (including faded and unusual road markings).
  - A shape formed by road structures ahead (such as tunnels, viaducts, traffic sign, reflectors installed on the side of vehicles, reflection sheets, and guardrails), road side objects (trees, buildings) and light sources.
  - A shape formed by road side objects, such as trees, lighting, shadows, or buildings.
- The FCM may keep operating when the vehicle ahead is turning right or left.
- The FCM may operate when your vehicle is approaching and passing a vehicle ahead.
- Depending on the road shape (curved road, entrance and exit of the curve, winding road, lane regulation, under construction, etc.), the function may operate temporarily for the oncoming vehicle in front of your vehicle.

**⚠️ WARNING**

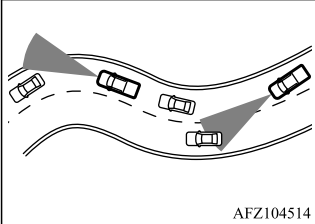
- The FCM may react to:
 

AFZ104501

  - Objects on the roadside (traffic sign, guardrail, pedestrian or cyclist, vehicle, etc.)
  - Objects above road (low bridge, traffic sign, etc.)
  - Objects on the road surface (railroad track, grate, steel plate, etc.)
  - Objects in the parking garage (beam, etc.)
  - Pedestrians, cyclists or motorcycles approaching the travelling lane
  - Pedestrians and cyclists when driving down narrow alleys, for example.
  - Pedestrians and cyclists who temporarily move into or approach the driving lane to avoid obstacles at the side of the road.
  - Objects on the road such as trees.
  - Cyclists
  - Vehicles, pedestrians, cyclists, motorcycles or objects in adjacent lane or close to the vehicle
  - Oncoming pedestrians

## Forward Collision Mitigation system (FCM)\*

**WARNING**



AFZ104514

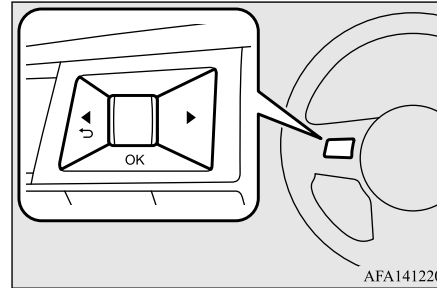
- When driving on some roads, such as winding, hilly, curved, narrow roads, or roads which are under construction or on a slope, the sensor may detect vehicles in a different lane, or may temporarily not detect a vehicle travelling ahead. This may cause the system to work inappropriately.

The detection of vehicles may also be affected by vehicle operation (steering manoeuvre or travelling position in the lane, etc.) or vehicle condition. If this occurs, the system may warn you by blinking the system indicator and sounding the chime unexpectedly. You will have to manually control the proper distance to the vehicle travelling ahead.

### Turning the FCM on/off

E0065620077

Perform the following steps to turn the FCM on or off.



1. Press the ◀ ▶ button until “Settings” appears in the multi-information display and then press the scroll dial. Use the scroll dial to select “Driver Assistance” Then press the scroll dial.  
Refer to “Multi-information display - Type 1” on page 5-3.

2. Use scroll dial to select the “Driver Assistance” menu then press the scroll dial.
3. [Except for vehicles equipped with the Emergency Assist for Pedal Misapplication (EAPM)]  
In the “Driver Assistance” menu, highlight the “Emergency Brake” item and press the scroll dial. This will turn the FCM on or off.

[Vehicles equipped with the Emergency Assist for Pedal Misapplication (EAPM)]

In the “Driver Assistance” menu, select “Emergency Brake” and press the scroll dial. Then, select “Front” and press the scroll dial to turn the system on or off.

When the FCM is turned off, the FCM OFF indicator lamp will illuminate.

### NOTE

- Disabling the ASTC system causes the FCM to become unavailable regardless of settings selected in the multi-information display.
- The FCM will be automatically turned ON when the engine is restarted.

6

### System temporarily unavailable

E00656300023

#### Condition A

If the following conditions, the FCM OFF indicator lamp will blink (no message appears in the multi-information display).

- Strong light is shining from the front of the vehicle.
- The cabin temperature is over approximately 40°C in direct sunlight.
- The camera area of the windscreen is misted or frozen.

## Forward Collision Mitigation system (FCM)\*

- The camera unit detects its misalignment condition.
- The radar sensor picks up interference from another radar source.

### Action to take:

When the above conditions no longer exist, the FCM will resume automatically.

6

### NOTE

- When the inside of the windscreen on camera area is misted or frozen, it will take a period of time to remove it after air conditioner turns on. If dirt appears on this area, it is recommended you contact an authorised MITSUBISHI MOTORS dealer.

### Condition B

In the following condition, the FCM OFF indicator lamp will flash and the “Forward Driving Aids Temporarily Disabled Front Sensor Blocked See Owner’s Manual” warning message will appear in the multi-information display.

- The sensor area of the front of the vehicle is covered with dirt or is obstructed

### Action to take:

If the indicator lamp flashes, stop the vehicle in a safe place and turn the engine off. Clean

6-92 Starting and driving

the radar cover on the front of the vehicle with a soft cloth, and restart the engine. If the warning message continues to illuminate, check that the cover of the sensor is not covered by dirt, snow or ice. If the indicator lamp is still illuminated, have the FCM checked. It is recommended that you contact an authorised MITSUBISHI MOTORS dealer.

- When driving on roads with limited road structures or buildings (for example, long bridges, deserts, snow fields, driving next to long walls).

### Action to take:

When the above conditions no longer exist, the FCM will resume automatically.

### Condition C

In the following condition, the FCM OFF indicator lamp will illuminate and the “Forward Driving Aids Temporarily Disabled Front Sensor Blocked See Owner’s Manual” warning message will appear in the multi-information display.

- The sensor area of the front of the vehicle is covered with dirt or is obstructed

### Action to take:

If the indicator lamp comes on, stop the vehicle in a safe place and turn the engine off. Check if the sensor area at the front of the vehicle, and remove the blocking material. Restart the engine. If the indicator lamp continues to illuminate after driving for a few minutes, have the FCM checked by a MITSUBISHI MOTORS dealer.

### Condition D

When the Active Stability & Traction Control (ASTC) is OFF, the FCM brake will not operate. In this case only visible and audible warning operates. The FCM OFF indicator lamp will illuminate.

### Action to take:

When the ASTC is ON, the FCM will resume automatically.

### System malfunction

E00656400024

If the FCM malfunctions, it will be turned off automatically, a chime will sound, the FCM OFF indicator lamp will illuminate and the warning message “Malfunction See Owner’s Manual” will appear in the multi-information display.

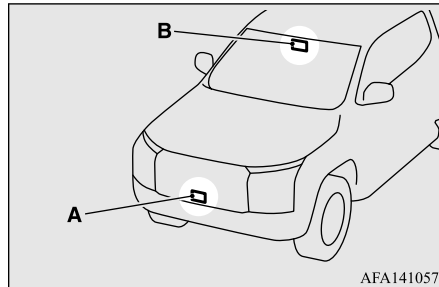
### Action to take:

If the indicator lamp comes on, stop the vehicle in a safe location. Turn the engine off and

restart the engine. If the indicator lamp continues to illuminate, have the FCM checked. It is recommended that you contact an authorised MITSUBISHI MOTORS dealer.

### System maintenance

E00656500025



AFA141057

The radar sensor (A) is located on the front of the vehicle. The front camera (B) is located on the upper side of the windscreen. To keep the FCM operating properly, be sure to observe the following:

- Always keep the sensor area clean.
- Do not strike or damage the areas around the sensor.
- Do not cover or attach stickers or similar objects near the sensor area. This could cause failure or malfunction.

- Do not attach metallic objects near the sensor area (brush guard, etc.) This could cause failure or malfunction.
- Do not place reflective materials, such as white paper or a mirror, on the instrument panel. The reflection of sunlight may adversely affect the camera unit's detection capability.
- Do not alter, remove or paint the front of the vehicle near the sensor area. Before customising or restoring the sensor area, it is recommended that you contact an authorised MITSUBISHI MOTORS dealer.

### Emergency Assist for Pedal Misapplication (EAPM)\*

E00656600055

When driving at low speeds, such as when parking, the Emergency Assist for Pedal Misapplication (EAPM) warns the driver with an alarm and a display if the accelerator pedal is mistakenly applied instead of the brake pedal, or if the brake is applied too late in a location in which an obstacle such as a wall, vehicle, or pedestrian (only when travelling forward) is in the path of the vehicle.

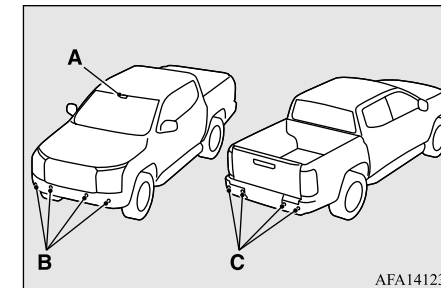
#### When moving forward

- The front camera (A) at the top of the windscreen detects vehicles and pedestrians in front of the vehicle.
- The sensors (B) installed in the front bumper detect obstacles in the direction of travel.

#### When moving in reverse

- The sensors (C) installed in the rear bumper detect obstacles in the direction of travel.

6



AFA141233

**⚠ WARNING**

- EAPM is an auxiliary function for reducing runaway and collision accidents caused by mistakenly applying the accelerator pedal instead of the brake pedal. This function does not work in all situations. The driver should check the safety of the surrounding area and always make efforts to drive carefully.
- Turn off EAPM in the following situations, as the system may operate unexpectedly, causing an unforeseen accident.
  - When your vehicle is carried on a truck.
  - When your vehicle is on a chassis dynamometer.
  - When driving with the rear gate open
  - When a load that protrudes from the bed enters the sensor area
  - When using non-genuine suspension parts.  
(If the height or the inclination of the vehicle changes, it may not be possible to correctly detect obstacles.)
  - When the surroundings are overgrown with grass.
- The sensors may not activate under the following types of conditions.
  - Rain, snow, water or dirt that adheres to the sensor.
  - Loud noises near your vehicle.
  - Ultrasonic vibrations near your vehicle.

**⚠ WARNING**

- The surface of an obstacle when the obstacle is diagonal to the front or rear of the vehicle.
- Obstacles that are shaped with a sharp angle.
- The sensors may not detect the following types of obstacles, or may operation may be delayed.
  - Obstacles at a position that is high off the ground.
  - Obstacles that are soft and absorb ultrasonic waves easily, such as spongy material or snow.
  - Obstacles when the sensors or their surrounding areas become extremely high or low temperature.
  - Obstacles when the sensors in the direction of travel detect the obstacles for the first time (such as when the direction of travel is switched by a shift operation or an object entered the area from the side of the vehicle) and the objects are close to the vehicle. Braking may be delayed or may not be activated.
- The sensors may not detect obstacles in the following situations.
  - When an obstacle has a low height.
  - When an obstacle is narrower than a vehicle.
  - When an obstacle is thin, such as wire, wire mesh, or rope.
  - When an obstacle is extremely close to the bumper (less than 30 cm behind).

**⚠ WARNING**

- When an obstacle suddenly enters the direction of travel.
- The sensors may malfunction in the following situations.
  - When the surroundings are overgrown with grass.
  - When there is a wall close to the side of the vehicle.
  - When there are steps, protrusions, manholes, or iron grating, etc. on the road surface.
  - When driving through hanging flags, vinyl curtains, etc.
  - When there is something that generates ultrasonic waves, such as a vehicle sensing sensor or the sensors of another vehicle, etc.
  - When there is a loud noise nearby, such as the sound of another vehicle's horn, exhaust sounds from a motorcycle, or construction.
  - When near structures such as walls, toll-booth equipment, narrow tunnels, or parking lot gates, etc.
  - When your vehicle is towed.
  - When a tow hitch is attached and you are towing another vehicle.
  - When non-genuine parts (such as licence plate frames) are installed, the system may not operate properly due to the uneven shape of the parts or noise.

**⚠ WARNING**

- The front camera does not detect the following types of obstacles.
  - Small pedestrians (including small children), animals and bicycles.
  - Oncoming vehicles.
  - Road structures (obstacles other than vehicles and pedestrians, such as guard-rails and poles).
  - Vehicles with tyres that are difficult to see due to the shape of the bumpers, etc.
  - Vehicles with hoods that stick out and rear ends with unclear shapes.
  - Crossing vehicles.
  - Vehicles that are parked at an angle or forward-parked.
- The front camera may not be able to detect vehicles, pedestrians, or people riding bicycles in front of you in the following situations.
  - When there is poor visibility (conditions such as rain, snow, fog, dust storms, sandstorms, and road spray from other vehicles)
  - When water, snow, or sand on the road are expelled by the vehicle in front or an oncoming vehicle.
  - When the windscreen of the sensor portion is covered with dirt, water droplets, snow and ice, etc.
  - When the windscreen in front of the camera is foggy.

**⚠ WARNING**

- When the sensors are affected by strong light, such as direct sunlight or the headlamps of an oncoming vehicle.
- When the tyres of the vehicle in front are cast in shadow by the strong light in front and are difficult to see.
- When the headlamps are not turned on at night or in a tunnel, or when the headlamp lenses are extremely dirty.
- When the tail lamps of the car in front are not turned on at night or in a tunnel.
- When a sudden change in brightness occurs. (For example, when the vehicle enters or exits a tunnel or a shaded area, or when lightning flashes.)
- When driving on curves.
- When driving in a place where there is a change in incline.
- When driving on a bumpy road surface, such as an uneven dirt road.
- When the unusual shape of a person cannot be recognised because the pedestrian is carrying a large parcel or wearing clothes of the same colour as the background, etc.
- When there is a strong reflection from the sun or other bright light coming from the vehicle in front.
- When your vehicle's position or movement is changed quickly or significantly (for example, lane change, turning the vehicle, abrupt steering, sudden acceleration or deceleration).

**⚠ WARNING**

- For approximately 15 seconds after starting the engine.
- When the field of view of the camera is obstructed (due to dirt on the windscreen, oil film, insect stains, wiper blades, etc.)
- When the direction of the camera is misaligned.
- The front camera may not be able to correctly detect the shape of an object and may not operate in surrounding conditions such as in the following situations.
  - When there is poor contrast between a person and the background, such as a person wearing a clothing colour or pattern that is similar to the background.
  - When an object is near road markings (pedestrian crossings on the road, speed limit markings, etc.)
  - When an object is near a puddle of water on the road surface (the surrounding landscape is reflected in the puddle of water, etc.).
  - When an object is overlapped by the shadow of a building or roadside tree.
  - When there is water vapour or smoke between the object and your vehicle.
- The front camera may not be able to correctly detect the shape of the following objects and the system may not operate.
  - Pedestrians in a dark area, such as at night or in a tunnel.
  - Vehicles with a low vehicle height.

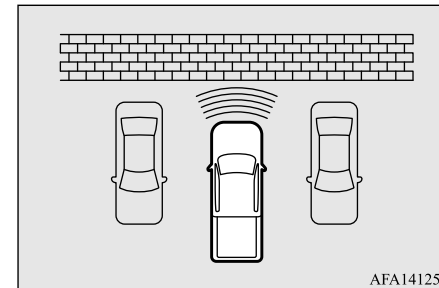
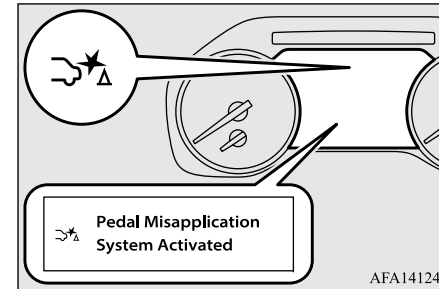
**⚠ WARNING**

- Vehicles with extremely low or extremely high ground clearance (height from the ground to the body of the vehicle).
- Vehicles with a peculiar shape (such as tank lorries or sidecars).
- Vehicles that cut in at a close distance ahead of you.
- Pedestrians that suddenly rush in front of the vehicle.
- When the vehicle or a pedestrian in front is offset to the left or right.
- Vehicles with a small rear end (such as empty trucks).
- Vehicles with a rear end that extends a long way from the rear tyres.
- Vehicles other than four-wheeled vehicles (such as motorcycles)
- Vehicles with loads or hoods sticking out from the carrier.
- The front camera may not be able to correctly detect objects that you may collide with in the following situations.
  - When multiple objects are close to each other
  - When there is a vehicle near the front of the target motorcycle or vehicle with a low height.
- Excessive noise will interfere with the warning chime sound, and the chime may not be heard.

**Low-speed acceleration suppression function**

- When moving forward (including when the vehicle is stopped), if there is a vehicle, pedestrian, wall, or other obstacle in the direction of travel and the system judges that the accelerator pedal has been depressed more than necessary, the system suppresses acceleration for approximately 6 seconds or applies a weak break to suppress the increase in vehicle speed.
- When moving in reverse (including when the vehicle is stopped), if there is a wall or other obstacle in the direction of travel and the system judges that the accelerator pedal has been depressed more than necessary, the system suppresses acceleration for approximately 6 seconds or applies a weak break to suppress the increase in vehicle speed.
- The system operates for vehicles and pedestrians at speeds within the range of 0 to 25 km/h.
- The system operates for obstacles such as walls at speeds within the range of 0 to 15 km/h.

- When the low-speed acceleration suppression function is activated, the driver is warned by an audio alarm and a flashing EAPM warning, a display on the multi-information display, and a red frame display on the Smartphone-link Display Audio (SDA) navigation system screen. Refer to “Warning display list” on page 5-26.



**⚠ WARNING**

- **The low-speed acceleration suppression function does not work when the accelerator pedal is depressed deeply. Do not intentionally depress the accelerator pedal. The vehicle may suddenly move and cause an unexpected accident.**

**📖 NOTE**

- Obstacles that are narrower than the vehicle may not be detected.
- The system is released when the driver returns the accelerator pedal.
- The low-speed acceleration suppression function may temporarily activate in situations such as when passing a vehicle in front of you in traffic.
- The low-speed acceleration suppression function may temporarily activate if the accelerator pedal is quickly and deeply depressed when starting from a short distance between vehicles, such as when waiting for a traffic light or waiting for a right turn.
- The system may not operate normally or may not be able to function sufficiently in the following situations.
  - Under adverse weather conditions (rain, fog, snow, strong winds, etc.)
  - When driving the vehicle on a flooded road.
  - When the sensors are covered in water.
  - When driving on a steep slope.

**📖 NOTE**

- When the posture of the vehicle is changing, such as when straddling a step.
- When driving the vehicle on a slippery road.
- When turning with the steering wheel turned sharply.
- When the brakes are cold right after starting to drive or because the outside temperature is cold.
- When the brakes are overheated on a downhill incline and the brakes are not effective.
- When the brakes are wet after driving through a puddle or after a car wash and the brakes are not effective.
- When the brakes cannot function sufficiently due to long-term parking, etc.
- When using worn tyres, under-inflated tyres, emergency tyres such as spare tyres, or tyres that are not MITSUBISHI MOTORS genuine parts or not purchased from an authorised MITSUBISHI MOTORS dealer.
- When the vehicle body is extremely inclined by carrying heavy loads.
- EAPM does not work on moving objects.

**📖 NOTE**

- The system may be activated by objects with contours, illumination, shadows, or compositions that resemble the characteristics of a vehicle, pedestrian, bicycle, or the size and position of a vehicle's tail lamps, such as patterns or paint on walls or road surfaces (including faint road markings and special road markings composed of Chinese characters), road structures in front of the vehicle (tunnels, high bridges, traffic signs, reflectors installed beside vehicles, reflective sheets, guardrails, electrical utility poles and electrical wires, signs), roadside trees, and buildings.
- The system does not operate in the following situations.
  - When depressing the brake pedal
  - When the selector lever is in any position other than the "D" (DRIVE) or "R" (REVERSE) position.
  - When Active Stability & Traction Control (ASTC) is activated.
  - When a wheel is slipping
  - When driving on a steep slope.
- A person riding a bicycle may be detected as a pedestrian and the system may activate.
- The system may respond to the following objects and activate.
  - Objects on the roadside (traffic signs, guardrails, pedestrians or cyclists, vehicles, etc.)
  - Objects above the road (low bridges, traffic signs, etc.)



## Emergency Assist for Pedal Misapplication (EAPM)\*

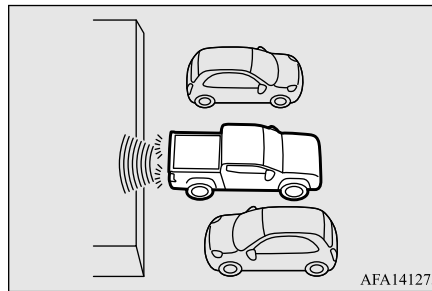
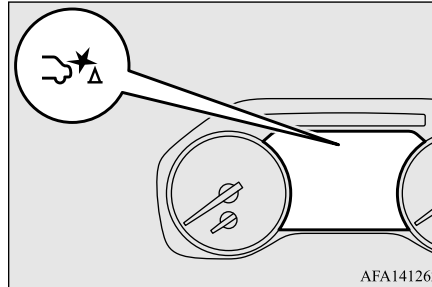
### NOTE

- Objects on the road surface (railroad tracks, grates, steel plates, etc.)
- Objects in the parking garage (beams, etc.)
- Even in sport mode, EAPM control works in the same way as in the “D” (DRIVE) position.

## 6

### Low-speed collision mitigation braking function

- When moving forward or in reverse, the system detects obstacles in the direction of travel, and if the system judges that there is a risk of collision, brakes are applied to avoid collision or reduce damage.
- The low-speed collision mitigation braking function operates at vehicle speeds within the range of 2 to 15 km/h.
- When the low-speed collision mitigation braking function is activated, the driver is warned by an audio alarm, a flashing EAPM warning, and a red frame display on the Smartphone-link Display Audio (SDA) navigation system screen.



### WARNING

- Brake control only lasts for a short time. The driver must depress the brake pedal.

### WARNING

- To stop the vehicle, the driver must depress the brake pedal. When the low-speed collision mitigation braking function activates after the low-speed acceleration suppression function was activated, the brakes are released approximately 2 seconds after the vehicle stops, and the vehicle starts moving.
- Excessive noise will interfere with the warning chime sound, and the chime may not be heard.
- Brake control by the low-speed collision mitigation braking function only operates for a short time. The driver must depress the brake pedal.
- Even if the low-speed collision mitigation braking function activates, it may not be possible to avoid collisions with obstacles such as objects that protrude beyond the bumper sensor positions of your vehicle.
- The driver must depress the brake pedal to stop the vehicle. If the low-speed collision mitigation braking function is activated after the low-speed acceleration suppression function is activated, the brake will be released approximately 2 seconds after the vehicle stops and the vehicle will start moving.

**CAUTION**

- When an obstacle is detected, do not wait for the low-speed collision mitigation braking function to operate, but apply the brakes immediately.  
Depending on factors such as the condition of the vehicle, driving conditions, traffic environment, weather, or road surface conditions, the system may not work or may not be able to demonstrate its original performance.
- If you approach an obstacle while depressing the accelerator pedal, operation may be delayed.

**NOTE**

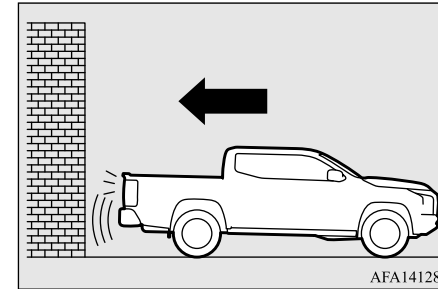
- The stop lamps are illuminated when the low-speed mitigation braking function is activated.
- When the low-speed mitigation braking function is operating, you may hear an operation noise, but this is not a malfunction.
- When the selector lever is in any position other than the “D” (DRIVE) or “R” (REVERSE) position.
- When moving forward, the function does not work for obstacles behind the vehicle. Similarly, the function will not work for obstacles in front of the vehicle when moving in reverse.
- Even in sport mode, EAPM control works in the same way as in the “D” (DRIVE) position.

**When the low-speed collision mitigation brake is activated/not activated**

**When you are about to collide with a wall in a parking lot without parking blocks**

If the system judges that the driver is braking too late and there is a risk of collision with a wall, the alarm (buzzer) will sound, a warning will be displayed on the multi-information display, and the brakes will be applied to avoid a collision or mitigate damage. This system aims to provide assistance at low speeds, such as when moving the vehicle while depressing the brake pedal (operating in a parking lot).

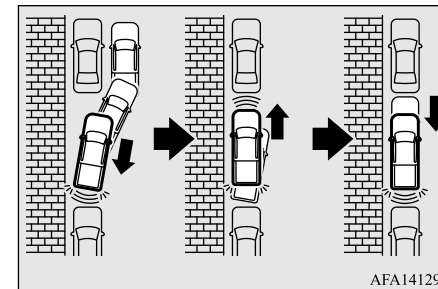
- When depressing the accelerator pedal and moving forward or in reverse, system activation may be delayed and not function sufficiently.



AFA141288

**When parallel parking**

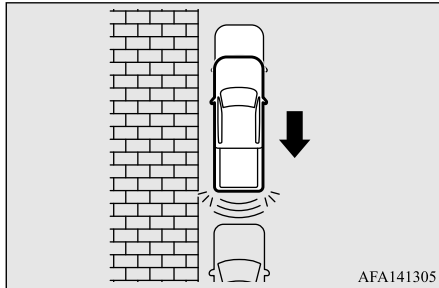
When the shift position is switched from “D” (DRIVE) to “R” (REVERSE), or from “R” (REVERSE) to “D” (DRIVE), obstacles are detected in the direction of travel and braking control is activated each time the selector lever operation is repeated.



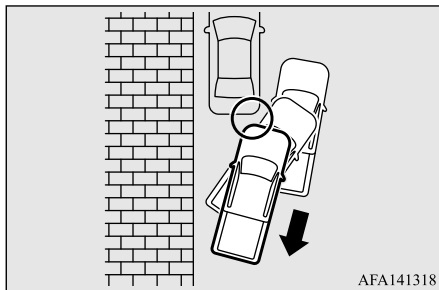
AFA141291

## Emergency Assist for Pedal Misapplication (EAPM)\*

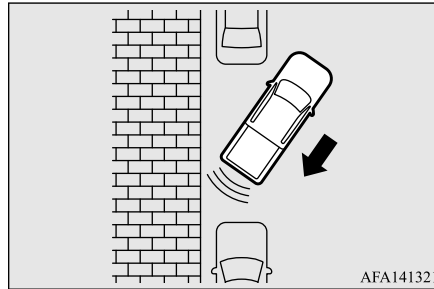
- When the accelerator pedal is being depressed, activation may be delayed.



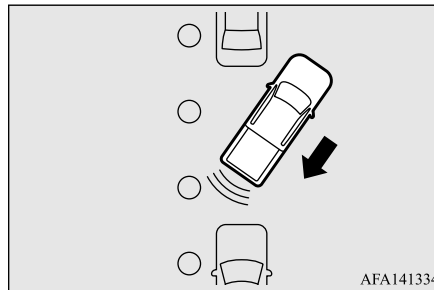
- While moving in reverse, the system will not activate for obstacles in front of the vehicle. Similarly, the system will not activate for obstacles behind the vehicle while moving forward.



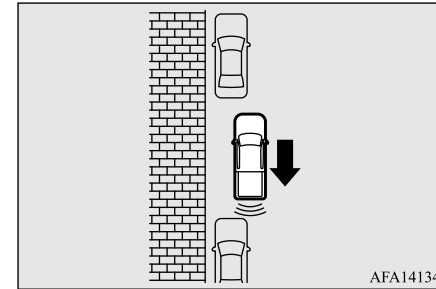
- The system may not activate when approaching obstacles at an angle.



- The system may not be activated by narrow obstacles.

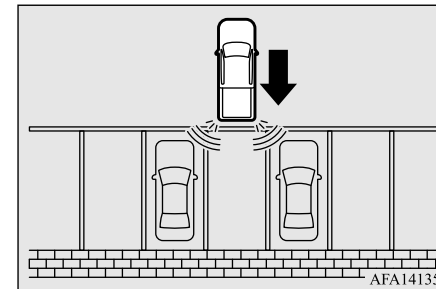


- If another vehicle is at a position that is offset to the side of your vehicle, the system may not activate or activation may be delayed.



## When perpendicular parking

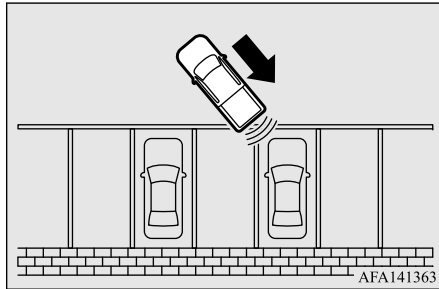
- The system may activate when entering a narrow space.



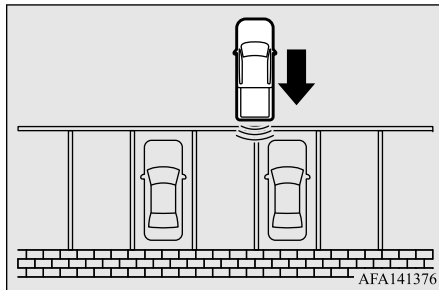
- The system does not activate when approaching the corner part of another vehicle.

6

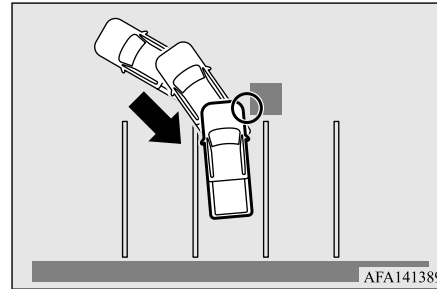
## Emergency Assist for Pedal Misapplication (EAPM)\*



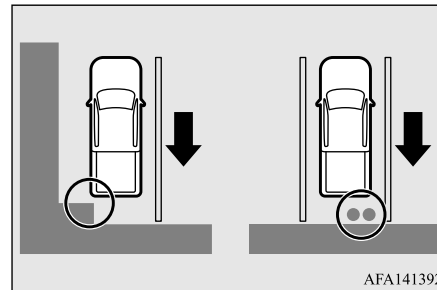
- If another vehicle is at a position that is offset to the side of your vehicle, the system may not activate or activation may be delayed.



- While moving in reverse, the system will not activate for obstacles in front of the vehicle. Similarly, the system will not activate for obstacles behind the vehicle while moving forward.

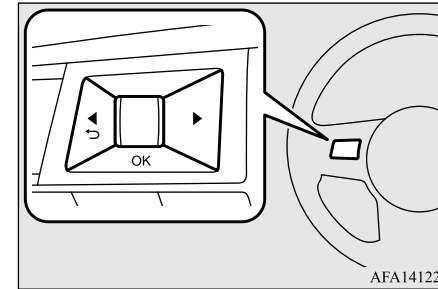


- The system is not activated by posts or pipes that protrude from walls.



### To turn on/off EAPM

Perform the following steps to turn EAPM on or off.

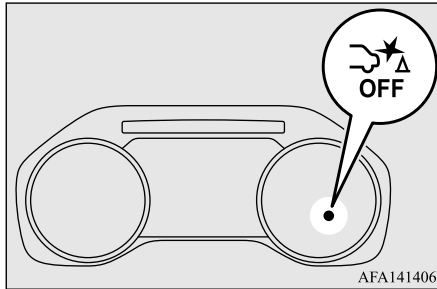


1. Press the ◀ ▶ button until "Settings" appears in the multi-information display and then press the scroll dial. Use the scroll dial to select "Driver Assistance". Then press the scroll dial. Refer to "Multi-information display - Type 1" on page 5-3.
2. Select "Emergency Brake" and press the scroll dial.
3. To set the EAPM system to on or off, use the scroll dial to check the box for "Pedal Misapplication".

When EAPM is turned off, the EAPM OFF indicator lamp will illuminate.

## Blind Spot Warning (BSW) (with Lane Change Assist (LCA))\*


6




### NOTE


- Even if the function is turned off by setting the multi-information display, EAPM will turn on when the operation mode is switched from OFF to ON.

### When EAPM stops operating

The EAPM OFF indicator lamp  illuminates and operation stops in the following situations.

- When ASC was turned off  
If there is an abnormality in the system, the EAPM OFF indicator lamp  in the meter illuminates, a warning is displayed on the multi-information display, and the system stops.

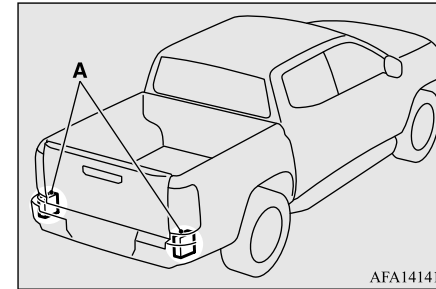
### NOTE

- Always keep the parking sensors clean so that the system operates properly. Refer to “Parking sensors (Front/rear)” on page 6-111.
- When the EAPM OFF indicator lamp  is illuminated, stop the vehicle in a safe location, and switch the operation mode to OFF and then ON again.  
If the indicator lamp continues to be illuminated even after the above operation, there may be an abnormality in the system. Although there is no problem with normal driving, have the vehicle inspected at an authorised MITSUBISHI MOTORS dealer.

### Blind Spot Warning (BSW) (with Lane Change Assist (LCA))\*

E00644300417

The Blind Spot Warning (BSW) system helps alert the driver of other vehicles in adjacent lanes when changing lanes.




The BSW system uses radar sensors (A) installed near the rear bumper to detect other vehicles in an adjacent lane.

### WARNING

- The BSW system is not a replacement for proper driving procedure and is not designed to prevent contact with vehicles or objects. When changing lanes, always use the side and rear mirrors and turn and look in the direction your vehicle will move to ensure it is safe to change lanes. Never rely solely on the BSW system.

## Blind Spot Warning (BSW) (with Lane Change Assist (LCA))\*

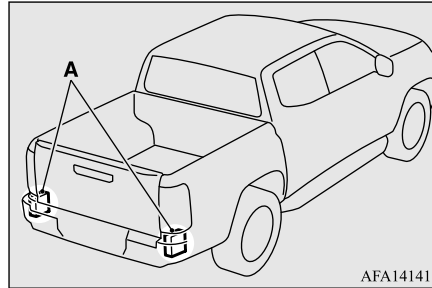
### NOTE

- Always keep the parking sensors clean so that the system operates properly. Refer to “Parking sensors (Front/rear)” on page 6-111.
- When the EAPM OFF indicator lamp  is illuminated, stop the vehicle in a safe location, and switch the operation mode to OFF and then ON again. If the indicator lamp continues to be illuminated even after the above operation, there may be an abnormality in the system. Although there is no problem with normal driving, have the vehicle inspected at an authorised MITSUBISHI MOTORS dealer.

### Blind Spot Warning (BSW) (with Lane Change Assist (LCA))\*

E00644300417

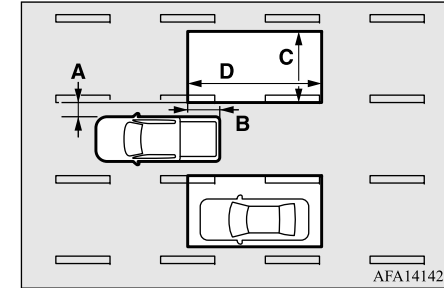
The Blind Spot Warning (BSW) system helps alert the driver of other vehicles in adjacent lanes when changing lanes.



The BSW system uses radar sensors (A) installed near the rear bumper to detect other vehicles in an adjacent lane.

### WARNING

- The BSW system is not a replacement for proper driving procedure and is not designed to prevent contact with vehicles or objects. When changing lanes, always use the side and rear mirrors and turn and look in the direction your vehicle will move to ensure it is safe to change lanes. Never rely solely on the BSW system.



The radar sensors can detect vehicles on either side of your vehicle within the detection zone shown as illustrated.

The detection zones of the sensors are within the following ranges.

- A: approximately 0.5 m
- B: approximately 1.0 m
- C: approximately 3.0 m
- D: approximately 6.0 m

### BSW system operation

E00656700027

The BSW system operates above approximately 10 km/h.

If the radar sensors detect a vehicle in the detection zone, the BSW indicator lamp illuminates.

Parking sensors (Front/rear)\*

6

**⚠ WARNING**

- There is a limit to the performance of parking sensor system. Do not rely solely on the system. Always drive safely. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.
- Read and understand the limitations of the parking sensor system as contained in this section. Inclement weather may affect the function of the parking sensor system; this may include reduced performance or a false activation.
- Depending on the temperature or weather, surrounding conditions such as the road surface, and the size and shape of obstacles, the parking sensors may not detect objects or may erroneously detect objects. Also, the parking sensors may not be able to detect objects that easily absorb sonic waves. Always check your surroundings before driving.
- The parking sensor system is deactivated at speeds above 10 km/h. It is reactivated at lower speeds.
- Inclement weather or ultrasonic sources such as an automatic car wash, a truck's compressed-air brakes or a pneumatic drill may affect the function of the parking sensor system; this may include reduced performance or a false activation.

**⚠ WARNING**

- The parking sensor system is not designed to prevent contact with small or moving objects. Always move slowly. The system will not detect small objects below the bumper or on the ground.
- The parking sensor system may not detect the following objects: fluffy objects such as snow, cloth, cotton, glass-wool, etc.; thin objects such as rope, wire and chain, etc.; or wedge-shaped objects; complex-shaped objects or multiple objects in close.
- The parking sensor system may not detect objects at speed above 5 km/h and may not detect certain angular or moving objects.
- The parking sensor system does not operate for the following obstacles.
  - Short obstacles
  - Narrow obstacles
  - Obstacles that suddenly appear in the path of travel
- The following obstacles may not be detected or parking sensor system operation may be delayed.
  - Obstacles that are at a position high off the ground
  - When there are objects such as kerbs
  - When there are wheel stops
  - When the area of the obstacle is covered with snow, mud, or grass

**⚠ WARNING**

- When a part of the sensor area is frozen, an error indication appears, and the parking sensors may not detect obstacles such as walls even if they are present. (Operation will return to normal after the ice melts.)
- The parking sensor system may not detect the following objects:
  - Pedestrians who approach the vehicle from the side
  - Objects placed next to the vehicle
- The parking sensor system may not operate in the following conditions:
  - When rain, snow, ice, dirt, etc. adheres to the parking sensor.
  - When a loud sound is heard in the area around the vehicle.
  - When the surface of the obstacle is diagonal to the front or rear of the vehicle.
  - When a parking sensor or the area around the sensor is extremely hot or cold.
- The parking sensor system may unintentionally operate in the following conditions:
  - When driving with the rear gate open
  - When there is overgrown grass in the area around the vehicle.
  - When there is a structure (for example, a wall, a toll gate equipment, a narrow tunnel or a parking lot gate) near the side of the vehicle.

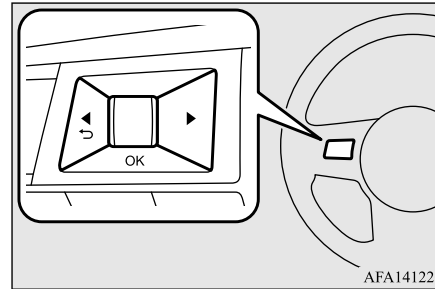
## ⚠ WARNING

- When there are bumps, protrusions or manhole covers on the road surface.
- When the vehicle drives through a draped flag or a curtain.
- When there is an accumulation of snow or ice behind the vehicle.
- When driving on a steep hill.
- If body of the vehicle is tilted when the vehicle is overloaded, the parking sensor may malfunction.

## How to enable/disable the parking sensor system

E00658100054

The system is automatically activated when the ignition switch or the operation mode is in ON and the gearshift lever is in other than the “N” (Neutral), or the selector lever is in the “D” (DRIVE) or “R” (REVERSE) position. Perform the following steps to set up the parking sensor function.



1. Press the ◀ ▶ button until “Settings” appears in the multi-information display and then press the scroll dial. Use the scroll dial to select “Driver Assistance”. Then press the scroll dial. Refer to the “Multi-information display - Type 1” on page 5-3.
2. Use the scroll dial to select “Parking sensors” menu then press the scroll dial.
3. Use the scroll dial to navigate in the menu and select or change an item:

- Moving Object
  - Turns ON/OFF the Moving Object Detection (MOD). Refer to the “Moving Object Detection (MOD)” on page 6-128.
- Auto Show Sonar

## Parking sensors (Front/rear)\*

- Shows the parking sensor display in the multi-information display when the parking sensor activates
- Front
  - Turns ON/OFF the front parking sensor
- Rear
  - Turns ON/OFF the rear parking sensor
- Distance
  - Changes the parking sensor distance to “Long,” “Medium” or “Short”
- Volume
  - Changes the volume of the tone sound to “High,” “Medium” or “Low”

## Temporarily disabling the parking sensor system

E00663700029

- The parking sensor system can be temporarily disabled by pressing the scroll dial or ⏏ switch during operation.
- However, the parking sensor system will be enabled the next time the vehicle is operated.
  - When the gearshift lever is in the “N” (Neutral) or the selector lever is in the “P” (PARKING) position.
  - When vehicle speed is more than approximately 10 km/h.



## Tyre Pressure Monitoring System (TPMS)\*

### System temporarily unavailable

E00658200026

When parking sensor blockage is detected, the system will be deactivated automatically. The system is not available until the conditions no longer exist.

The parking sensors may be blocked by temporary ambient conditions such as splashing water, mist or fog. The blocked condition may also be caused by objects such as ice, frost or dirt obstructing the parking sensors.

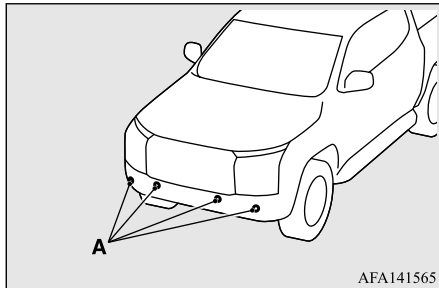
#### Action to take:

When the above conditions no longer exist, the system will resume automatically.

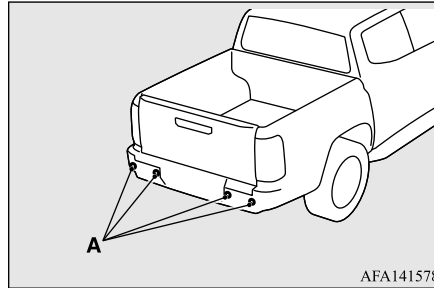
When towing a trailer with trailer hitch harness of MITSUBISHI MOTORS GENUINE accessory attached, the Parking sensor system can be disabled automatically.

### System maintenance

E00658300027



6-106 Starting and driving



The parking sensors (A) are located on the front and rear bumpers. Always keep the area near the parking sensors clean.

The parking sensors may be blocked by temporary ambient conditions such as splashing water, mist or fog.

The blocked condition may also be caused by objects such as ice, frost or dirt obstructing the parking sensors.

Check for and remove objects obstructing the area around the parking sensors.

Do not attach stickers (including transparent material), install accessories or apply additional paint near the parking sensors.

Do not strike or damage the area around the parking sensors. It is recommended that you contact an authorised MITSUBISHI MOTORS dealer if the area around the parking sensors is damaged due to a collision.

### Tyre Pressure Monitoring System (TPMS)\*

E00637100585

Each tyre, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tyre inflation pressure label. (If your vehicle has tyres of a different size than the size indicated on the vehicle placard or tyre inflation pressure label, you should determine the proper tyre inflation pressure for those tyres.)

As an added safety feature, your vehicle has been equipped with a Tyre Pressure Monitoring System (TPMS) that illuminates a Tyre Pressure Monitoring System (TPMS) warning lamp when one or more of your tyres is significantly under-inflated. Accordingly, when the TPMS warning lamp illuminates, you should stop and check your tyres as soon as possible, and inflate them to the proper pressure.



Driving on a significantly underinflated tyre causes the tyre to overheat and can lead to tyre failure. Under-inflation also reduces fuel

efficiency and tyre tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tyre maintenance, and it is the driver's responsibility to maintain correct tyre pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS warning lamp.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the TPMS warning lamp. When the system detects a malfunction, the TPMS warning lamp will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tyre pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tyres or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tyres or wheels on your vehicle to ensure that the replacement or alternate tyres and wheels allow the TPMS to continue to function properly.

### Whenever the tyres and wheels are replaced with new ones

E00637400171

If new wheels with new tyre inflation pressure sensors are installed, their ID codes must be programmed into the tyre pressure monitoring system. Have tyre and wheel replacement performed by an authorised MITSUBISHI MOTORS dealer to avoid the risk of damaging the tyre inflation pressure sensors. If the wheel replacement is not done by an authorised MITSUBISHI MOTORS dealer, it is not covered by your warranty.

### Additional information

E00658400028

- The TPMS will activate only when the vehicle is driven at speeds above 25 km/h. Also, this system may not detect a sudden drop in tyre pressure (for example a flat tyre while driving).
- The TPMS warning lamp does not automatically turn off when the tyre pressure is adjusted. After the tyre is inflated to the recommended pressure, the vehicle must be driven at speeds above 25 km/h to activate the TPMS and turn off the TPMS warning lamp. Use a tyre pressure gauge to check the tyre pressure.

- The "Tyre Pressure Low - Add Air" warning appears in the multi-information display when the TPMS warning lamp is illuminated and low tyre pressure is detected. The "Tyre Pressure Low - Add Air" warning turns off when the TPMS warning lamp turns off.

The "Tyre Pressure Low - Add Air" warning does not appear if the TPMS warning lamp illuminates to indicate a TPMS malfunction.

- Tyre pressure rises and falls depending on the heat caused by the vehicle's operation and the outside temperature. Do not reduce the tyre pressure after driving because the tyre pressure rises after driving. Low outside temperature can lower the temperature of the air inside the tyre which can cause a lower tyre inflation pressure. This may cause the TPMS warning lamp to illuminate. If the warning lamp illuminates in low ambient temperature, check the tyre pressure for all four tyres.
- Depending on a change in the outside temperature, the TPMS warning lamp may illuminate even if the tyre pressure has been adjusted properly. Adjust the tyre pressure to the recommended COLD tyre pressure again when the tyres are cold, and reset the TPMS.

## Tyre Pressure Monitoring System (TPMS)\*

- You can also check the tyre pressure of all tyres in the multi-information display. Refer to “Trip computer” on page 5-14.

### **⚠ WARNING**

- If the TPMS warning lamp illuminates while driving, avoid sudden steering manoeuvre or abrupt braking, reduce vehicle speed, pull off the road to a safe location and stop the vehicle as soon as possible. Driving with under-inflated tyres may permanently damage the tyres and increase the likelihood of tyre failure. Serious vehicle damage could occur and may lead to an accident and could result in serious personal injury. Check the tyre pressure for all four tyres. Adjust the tyre pressure to the recommended COLD tyre pressure shown on the Tyre and Loading Information placard to turn the TPMS warning lamp OFF. If you have a flat tyre, repair it with the tyre repair kit as soon as possible. Refer to “How to change a tyre” on page 8-12 for repairing a tyre. If no tyre is flat and all tyres are properly inflated, it is recommended you consult an authorised MITSUBISHI MOTORS dealer.

### **⚠ WARNING**

- When replacing a wheel without the TPMS, the TPMS will not function and the TPMS warning lamp will flash for approximately 1 minute. The light will remain on after 1 minute. Have your tyres replaced and/or TPMS system reset as soon as possible. It is recommended you contact an authorised MITSUBISHI MOTORS dealer.

### **⚠ CAUTION**

- The TPMS may not function properly when the wheels are equipped with tyre chains or the wheels are buried in snow.
- Do not place metalized film or any metal parts (antenna, etc.) on the windows. This may cause poor reception of the signals from the tyre pressure sensors, and the TPMS will not function properly.

Some devices and transmitters may temporarily interfere with the operation of the TPMS and cause the TPMS warning lamp to illuminate. Some examples are:

- Facilities or electric devices using similar radio frequencies are near the vehicle.
- If a transmitter set to similar frequencies is being used in or near the vehicle.

- If a computer (or similar equipment) or a DC/AC converter is being used in or near the vehicle.

TPMS warning lamp may illuminate in the following cases.

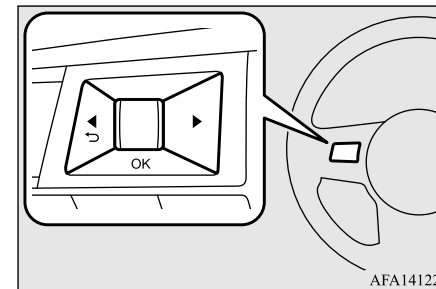
- If the vehicle is equipped with a wheel and tyre without TPMS.
- If the TPMS has been replaced and the ID has not been registered.
- If the wheel is not originally specified by MITSUBISHI MOTORS.

## Changing the TPMS reference value

E0066040025

The reference tyre pressure can be changed by operating the meter.

Perform the following procedures to set the TPMS.



1. Press the ◀ ▶ button until “Settings” appears.  
Refer to “Multi-information display - Type 1” on page 5-3.
2. Select “TPMS setting” by rotating the scroll dial and press the scroll dial to confirm.
3. Select “Target Front” or “Target Rear” by rotating the scroll dial and press the scroll dial to confirm.
4. Select desired number by rotating the scroll dial and press the scroll dial to confirm.

### TPMS resetting

E00658500029

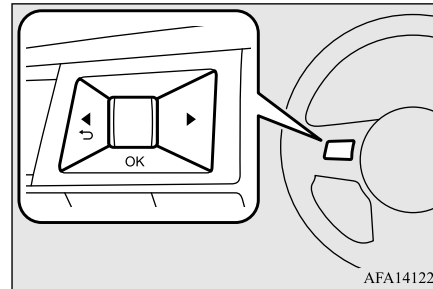
To keep the TPMS functioning properly, the reset operation must be performed in the following cases.

- When the tyre pressure is adjusted
- When a tyre or a wheel is replaced
- When the tyres are rotated

Perform the following procedures to reset the TPMS.

1. Park the vehicle in a safe and level place.
2. Apply the parking brake and the gearshift lever is in the “N” (Neutral) or the selector lever is in the “P” (PARK) position.

3. Adjust the tyre pressure on all four tyres to the recommended COLD tyre pressure shown on the tyre placard. Use a tyre pressure gauge to check the tyre pressure.
4. Put the operation mode in ON.



AFA141220

5. Press the ◀ ▶ button until “Settings” appears.  
Refer to “Multi-information display - Type 1” on page 5-3.
6. Select “TPMS setting” by rotating the scroll dial and press the scroll dial to confirm.
7. Select “Calibrate” by rotating the scroll dial and press the scroll dial to confirm.
8. Select “Yes” by rotating the scroll dial and press the scroll dial to confirm. The message “Calibrate” will be displayed up to the resetting has been completed.

If the TPMS warning lamp illuminates after the resetting operation, it may indicate that

the TPMS is not functioning properly. Have the system checked by an authorised MITSUBISHI MOTORS dealer.

For information regarding the TPMS warning lamp, refer to “Warning display list” on page 5-25.

### Rear-view camera\*

E00618403245

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The rear-view camera is a system that shows the view behind the vehicle on a screen of the Smartphone-link Display Audio (SDA) navigation system.

### ⚠ WARNING

- The rear-view camera is an assistance system that enables the driver to check for obstacles behind the vehicle. Its range of view is limited, so you should not overly depend on it. Please drive just as carefully as you would if the vehicle did not have the rear-view camera.
- Be sure to visually confirm safety around the vehicle with your own eyes. Do not depend entirely on the rear-view camera.

## Rear-view camera\*

### Range of view of rear-view camera

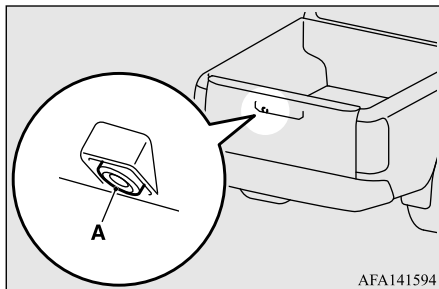
The range of view of the rear-view camera is limited to the area shown in the illustrations. It cannot show the both sides and the lower part of the rear bumper, etc.

When reversing, be sure to visually confirm safety around the vehicle.

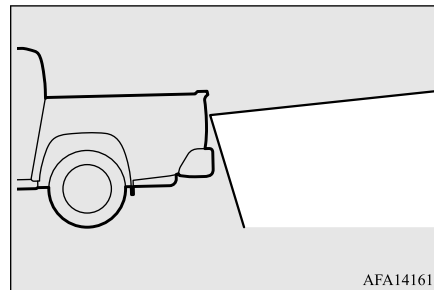
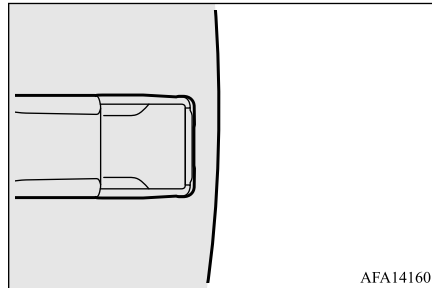
6

### Location of rear-view camera

The rear-view camera (A) is integrated into the part near the rear gate handle.



### Range of view of rear-view camera



### How to use the rear-view camera

When you place the gearshift lever or the selector lever in the “R” (REVERSE) position with the ignition switch in the “ON”

position or the operation mode in ON, the view behind the vehicle will automatically appear on the screen of the SDA navigation system. When you move the gearshift lever or the selector lever to any other position, the screen will return to its original indication.

### CAUTION

- The rear-view camera has a special lens that can make objects shown on the screen appear to be closer or further away than they actually are.

### NOTE

- Because the rear-view camera has a special lens, the lines on the ground between parking spaces may not look parallel on the screen.
- In the following situations, the screen indication may be difficult to see. There is no abnormality.
  - Low light (nighttime)
  - When the light of the sun or the light from a vehicle's headlamps shines directly into the lens
  - If a fluorescent light shines directly into the lens, the screen indication may be flicker. There is no abnormality.
- If the camera is hot and is then cooled by rain or a car wash, the lens can mist up. This phenomenon does not indicate a malfunction.

**NOTE**

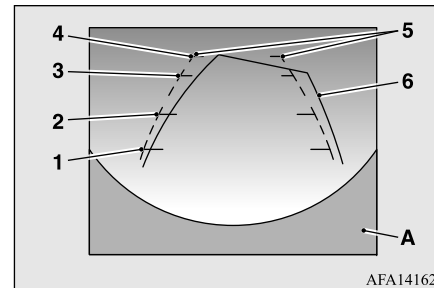
- If the atmospheric temperature is extremely hot or extremely cold, the rear-view camera images may not be clear.  
There is no abnormality.
- If a radio set is installed near the camera, the rear-view camera images may cause electrical system interference and the system may stop functioning properly.
- It is not possible to fully see obstacles when the lens is dirty. If the lens becomes contaminated by water droplets, snow, mud, or oil, wipe off the contamination, taking care not to scratch the lens.
- Please observe the following cautions. Ignoring them could lead to a camera malfunction.
  - Do not subject the camera to physical shock such as striking it strongly or throwing a thing.
  - Do not adhere organic substances, waxes, oil remover, and glass cleaner to the camera.  
If adhered to them, immediately wipe off.
  - Do not splash the camera with boiling water.
  - Never spray or splash water on the camera or around it.
  - Do not disconnect, disassemble or modify the camera.
  - Do not scratch the camera, as this may cause damage to the rear-view camera images.

**Reference lines on the screen****WARNING**

- **The reference lines should be used as a reference only when the vehicle is on a level paved surface. The distance viewed on the monitor is for reference only and may be different than the actual distance between the vehicle and displayed objects.**

Reference lines and upper surface of the rear bumper (A) are displayed on the screen.

- Red line (1) indicates approximately 50 cm behind the rear bumper.
- Yellow line (2) indicates approximately 100 cm behind the rear bumper.
- Green line (3) indicates approximately 200 cm behind the rear bumper.
- Green line (4) indicates approximately 300 cm behind the rear bumper.
- Vehicle width guide lines (5) indicate the vehicle width when backing up.



- Expected course lines (6) indicate the predictive course when backing up. The expected course lines will be displayed on the monitor when the gearshift lever or the selector lever is in the “R” (REVERSE) position and if the steering wheel is turned. The expected course lines will move depending on how much the steering wheel is turned and will not be displayed while the steering wheel is in the straight ahead position. The vehicle width guide lines and the width of the expected course lines are wider than the actual width and course.

## Rear-view camera\*

### **CAUTION**

- Due to the number of people in the vehicle, the fuel quantity, the weight and positioning of luggage, and/or the condition of the road surface, the lines in the view from the rear-view camera may not be accurately positioned relative to the actual road. Use the reference lines only as a guideline, and always do a safety check of your behind and surroundings directly while driving.

6

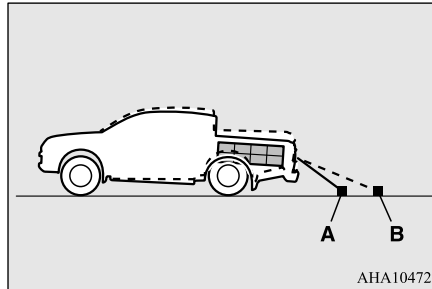
### **Errors between the display and the actual road surface**

The reference lines for distance and vehicle width are based on a level, flat road surface. In the following cases, errors are produced between the display reference lines and the distance on the actual road surface.

#### **■ When the rear of the vehicle is weighed down with the weight of passengers and luggage in the vehicle**

The reference lines are displayed closer than the actual distance.

Therefore when there is an obstacle on the upward slope, it appears farther than its actual position.

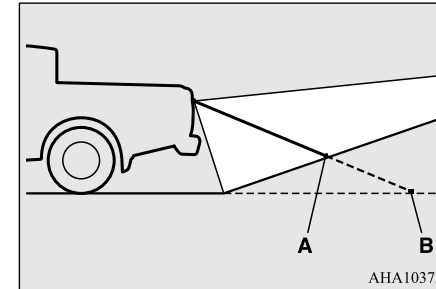


- A: Actual objects
- B: Objects shown on the screen

#### **■ When there is an upward slope behind the vehicle**

The reference lines are displayed closer than the actual distance.

Therefore when there is an obstacle on the upward slope, it appears farther than its actual position.

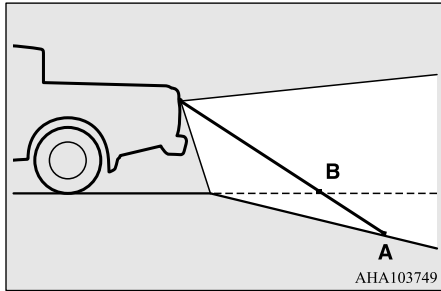


- A: Actual objects
- B: Objects shown on the screen

#### **■ When there is a downward slope behind the vehicle**

The reference lines are displayed farther than the actual distance.

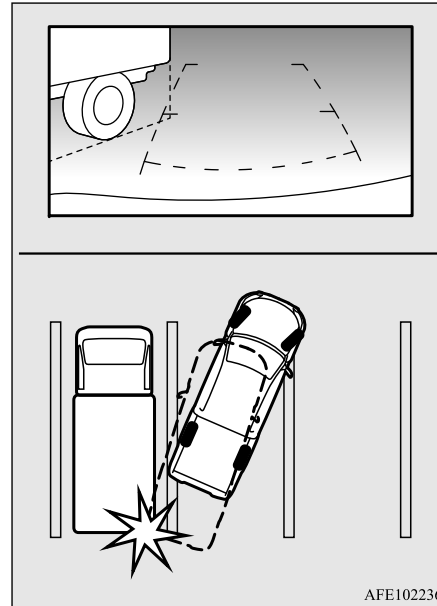
Therefore when there is an obstacle on the downward slope, it appears closer than its actual position.



A: Actual objects  
B: Objects shown on the screen

■ **When solid objects are located close to the vehicle**

When solid objects are located close to the vehicle, the displayed distance on the screen may differ from the actual distance. Because the reference lines do not contact the body of the truck, it looks as if it would not hit the vehicle in following illustration. However, the vehicle may hit the truck because the body of the truck strays onto the course in reality.



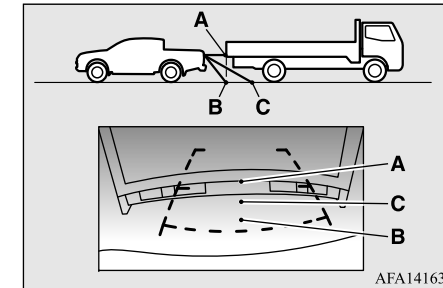
AFE102236

■ **When approaching to solid objects**

The reference lines for distance and vehicle width are intended to indicate the distance to a flat object such as a level, flat road surface. This may make the distance to a projecting object shown on the screen differ from the actual distance to the projecting object. Do

not use them as a guide to distances to solid objects.

Example: On the screen the point B appears the nearest, then the point C and A in order of distance. The point A and B actually are the same distances from the vehicle, and the point C is farther off than the point A and B.



AFA141637

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**How to park with expected course lines**

E0065860020

**⚠ WARNING**

- If the tyres are replaced with different sized tyres, the expected course lines may be displayed incorrectly.
- On a snow-covered or slippery road, there may be a difference between the predictive course line and the actual course line.

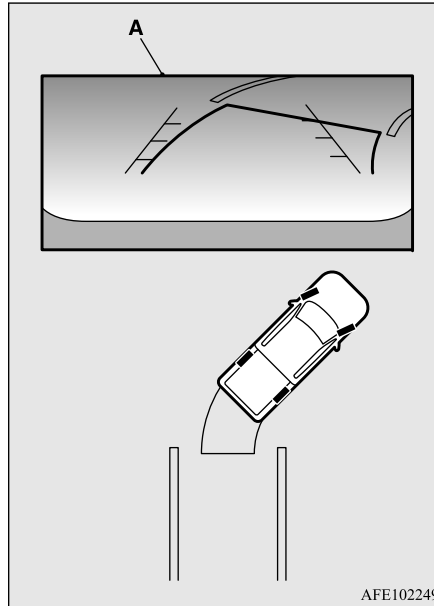


Rear-view camera\*

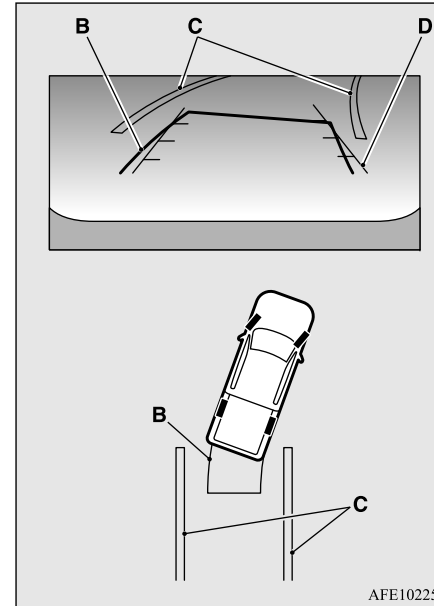
6

**⚠ WARNING**

- If the battery is disconnected or becomes discharged, the expected course lines may be displayed incorrectly. If this occurs, please perform the following procedures:
  - Turn the steering wheel from lock to lock while the engine is running.
  - Drive the vehicle on a straight road for more than 5 minutes.
- When the steering wheel is turned with the ignition switch in the “ON” position or the operation mode in ON, the expected course lines may be displayed incorrectly.



1. Visually check that the parking space is safe before parking your vehicle.
2. The rear-view of the vehicle is displayed on the screen (A) when the gearshift lever or the selector lever is moved to the “R” (REVERSE) position.

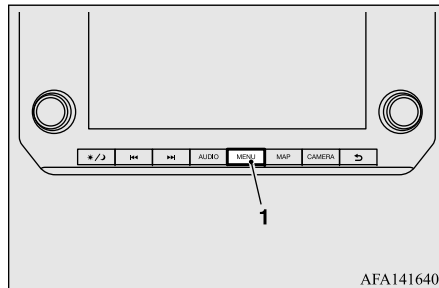


3. Slowly back up the vehicle adjusting the steering wheel so that the expected course lines (B) enter the parking space (C).
4. Manoeuvre the steering wheel to make the vehicle width guide lines (D) parallel to the parking space (C) while referring to the expected course lines.

- When the vehicle is parked in the space completely, put the gearshift lever into the “N” (Neutral) position or the selector lever into the “P” (PARK) position and apply the parking brake.

### Adjusting the screen

E00658700021



AFA141640

- Press the MENU button (1).
- Touch the “Settings” key and then touch the “Camera” key.
- Touch the “Display Settings” key.
- Touch the “Brightness”, “Contrast”, “Tint”, “Color”, or “Black Level” key.
- Adjust the item by touching the “+” or “-” key on the touch screen display.

### NOTE

- Do not adjust any of the display settings of the rear-view camera while the vehicle is moving. Make sure the parking brake is firmly applied.

### How to turn on and off expected course lines

E00658800022

To turn the expected course lines on and off when the gearshift lever is in the “N” (Neutral) or the selector lever is in the “P” (PARK) position, perform the following operation.

- Press the MENU button
- Touch the “Settings” key and then touch the “Camera” key.
- Touch the “Expected course lines” key to turn the feature ON or OFF.

Pressing the CAMERA button while the gearshift lever or the selector lever is in the “R” (REVERSE) position can also turn on and off the expected course lines.

### WARNING

- Listed below are the system limitations for rear-view camera. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.
  - The system cannot completely eliminate blind spots and may not show every object.
  - Underneath the bumper and the corner areas of the bumper cannot be viewed on the rear-view camera because of its monitoring range limitation. The system will not show small objects below the bumper, and may not show objects close to the bumper or on the ground.
  - Objects viewed in the rear-view camera differ from actual distance because a wideangle lens is used.
  - Objects in the rear-view camera will appear visually opposite compared to when viewed in the rear-view and door mirrors.
  - Use the displayed lines as a reference. The lines are highly affected by the load on the vehicle, for example, the number of occupants, fuel level, vehicle position, road conditions and road grade.
  - Make sure that the rear gate is securely closed when backing up.
  - Do not put anything on the rear-view camera. The rear-view camera is installed above the licence plate.

## Multi Around Monitor\*

### **⚠ WARNING**

- When washing the vehicle with high-pressure water, be sure not to spray it around the camera. Otherwise, water may enter the camera unit causing water condensation on the lens, a malfunction, fire or an electric shock.
- Do not strike the camera. It is a precision instrument. Otherwise, it may malfunction or cause damage resulting in a fire or an electric shock.

6

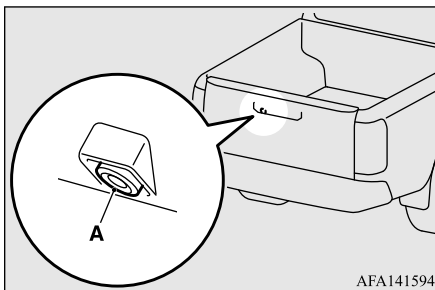
The following are operating limitations and do not represent a system malfunction:

- When the temperature is extremely high or low, the screen may not clearly display objects.
- When strong light directly shines on the camera, objects may not be displayed clearly.
- Vertical lines may be seen in objects on the screen. This is due to strong reflected light from the bumper.
- The screen may flicker under fluorescent light.
- The colours of objects on the rear-view camera may differ somewhat from the actual colour of objects.
- Objects on the monitor may not be clear in a dark environment.
- There may be a delay when switching between views.

- If dirt, rain or snow accumulates on the camera, the rear-view camera may not display objects clearly. Clean the camera.
- Do not use wax on the camera lens. Wipe off any wax with a clean cloth dampened with a diluted mild cleaning agent, then wipe with a dry cloth.

### System maintenance

E0065890023



AFA141594

### **⚠ CAUTION**

- Do not use alcohol, benzine or thinner to clean the camera. This will cause discolouration.
- Do not damage the camera as the monitor screen may be adversely affected.

If dirt, rain or snow accumulates on the camera (A), rear-view camera may not display objects clearly. Clean the camera by wiping it

with a cloth dampened with a diluted mild cleaning agent and then wiping it with a dry cloth

### Multi Around Monitor\*

E0064500684

The Multi Around Monitor is a system that shows the view combined with four cameras, i.e., “Front-view camera”, “Side-view cameras (right and left)” and “Rear-view camera” on a screen of the Smartphone-link Display Audio (SDA) navigation system. It assists drivers to park their vehicles in parking spaces and to parallel park their vehicles.

### **⚠ WARNING**

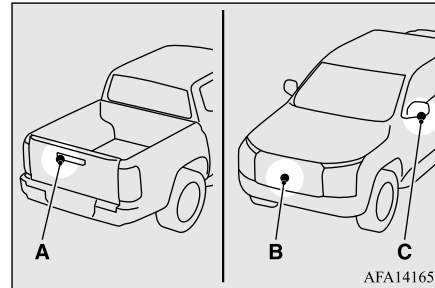
- The Multi Around Monitor is an assistance system that enables the driver to check the safety around the vehicle.
- Be sure to visually confirm safety around the vehicle with your own eyes. Especially, the four corners of the vehicle become blind spots where an object is not displayed on the Multi Around Monitor. Do not depend entirely on the Multi Around Monitor.

**CAUTION**

- Do not use the Multi Around Monitor with the door mirrors retracted in and/or with the doors and/or the rear gate open. It will prevent the Multi Around Monitor from displaying the appropriate range.

### Location of each cameras

The cameras are integrated into the location as shown below.



A- Rear-view camera

- B- Front-view camera
- C- Side-view camera

**WARNING**

- Do not install anything which will disturb the operation of the cameras around the location of them.

### Range of view of the Multi Around Monitor

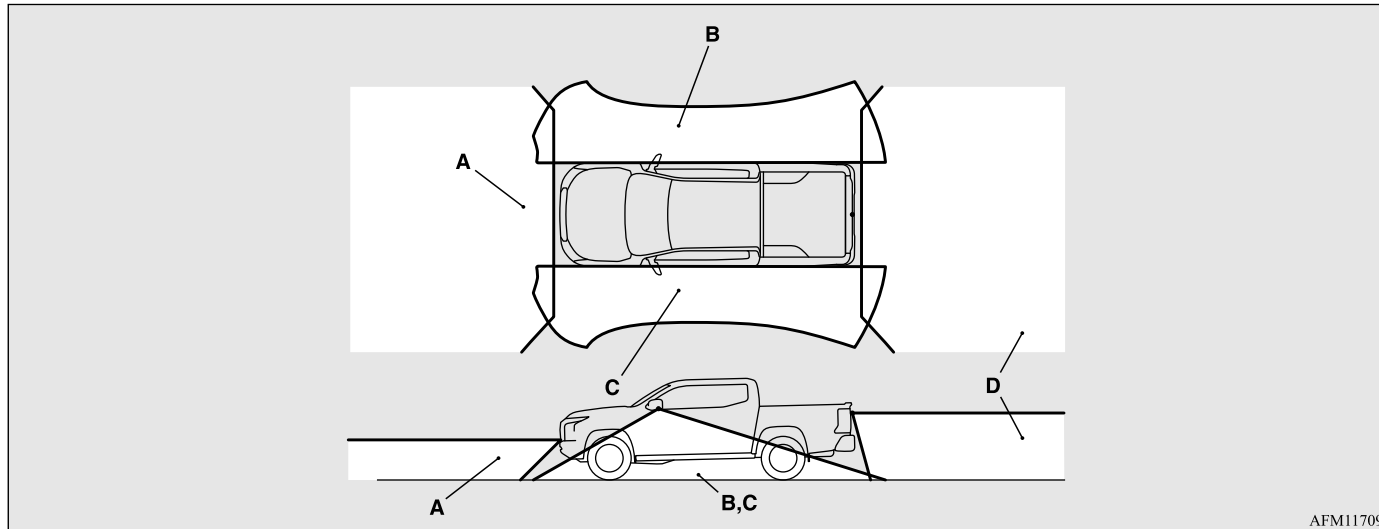
E00645100672

The range of view of the Multi Around Monitor cameras is limited to the area shown in the illustrations. It cannot show around the both sides and the lower part of the front and rear bumpers, etc. While driving, be sure to visually confirm safety around the vehicle.

## Multi Around Monitor\*

### Range of view of the Multi Around Monitor cameras

6



AFM117096

- A: Front-view camera
- B: Side-view camera (Right)
- C: Side-view camera (Left)
- D: Rear-view camera

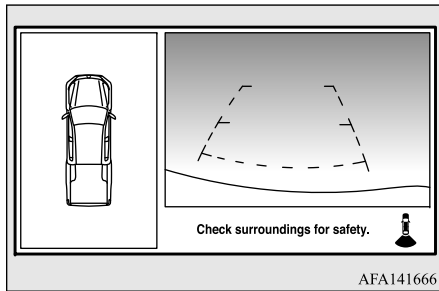
### Types of views of the Multi Around Monitor

E00697600126

Two different types of views are displayed on the left side and the right side respectively.

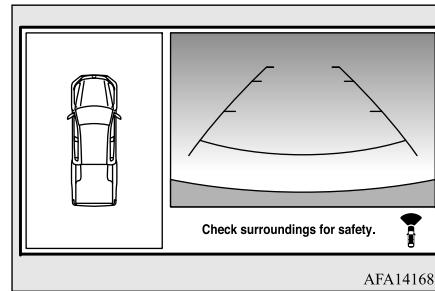
### Bird's eye-view/Rear-view mode

Views of the surroundings of the vehicle and behind the vehicle are displayed.



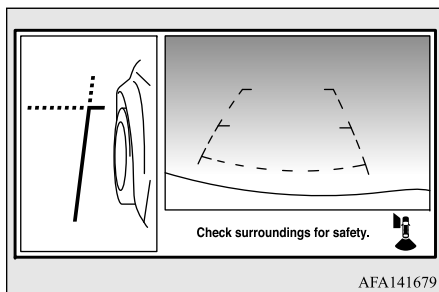
**Bird's eye-view/Front-view mode**

Views of the surroundings of the vehicle and the front of the vehicle are displayed.



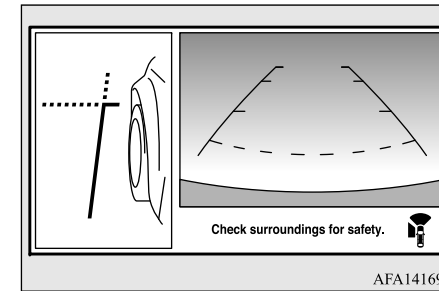
**Side-view/Rear-view mode**

Views of the passenger's side of the vehicle and behind the vehicle are displayed.



**Side-view/Front-view mode**

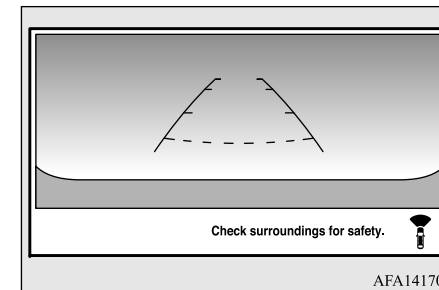
Views of the passenger's side of the vehicle and the front of the vehicle are displayed.



**Front-wide/rear-wide view**

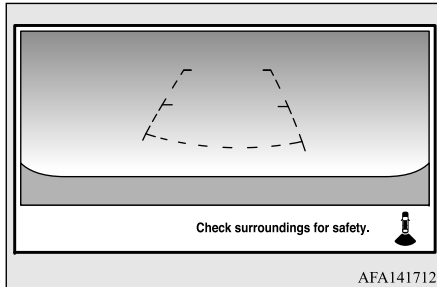
Views of the front or rear of the vehicle are displayed.

**Front-wide view**



## Multi Around Monitor\*

### Rear-wide view



6

### CAUTION

- The cameras have special lenses that can make objects shown on the screen appear to be closer or further away than they actually are.

### NOTE

- Because the cameras has a special lens, the lines on the ground between parking spaces may not look parallel on the screen.
- In the following situations, the screen indication may be difficult to see. There is no abnormality.
  - Low light (nighttime)
  - When the light of the sun or the light from a vehicle's headlamps shines directly into the lens.
  - If a fluorescent light shines directly into the lens, the screen indication may be flicker. There is no abnormality.

### NOTE

- If the camera is hot and is then cooled by rain or a car wash, the lens can mist up. This phenomenon does not indicate a malfunction.
- If the atmospheric temperature is extremely hot or extremely cold, the camera images may not be clear. There is no abnormality.
- If a radio set is installed near the camera, the camera images may cause electrical system interference and the system may stop functioning properly.
- It is not possible to fully see obstacles when the lens is dirty. If the lens becomes contaminated by water droplets, snow, mud, or oil, wipe off the contamination, taking care not to scratch the lens.
- Please observe the following cautions. Ignoring them could lead to a camera malfunction.
  - Do not subject the camera to physical shock such as striking it strongly or throwing a thing.
  - Do not adhere organic substances, waxes, oil remover, and glass cleaner to the camera. If adhered to them, immediately wipe off.
  - Do not splash the camera with boiling water.
  - Never spray or splash water on the camera or around it.
  - Do not disconnect, disassemble or modify the camera.

### NOTE

- Do not scratch the camera, as this may cause damage to the camera images.

## How to use the Multi Around Monitor

E00645300140

The Multi Around Monitor can only be used when the operation mode is ON.

## Operation with the gearshift lever or the selector lever

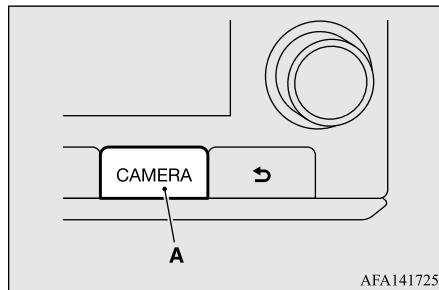
When you place the gearshift lever or the selector lever in the "R" (REVERSE) position, the bird's eye-view/rear-view mode is displayed on the screen of the SDA navigation system. When you move the gearshift lever or the selector lever to any other position, the display disappears.

### NOTE

- The passenger's side screen can be switched to the side-view mode by pressing the switch.

## Operation with the switch

When the CAMERA button (A) is pressed, the bird's-eye view/front view is displayed.



### NOTE

- If there is no operation for 3 minutes after the Multi Around Monitor is displayed by pressing the switch with the gearshift lever or the selector lever in a position other than "R" (REVERSE), the display disappears.

## Switching of the screen

Each time the switch is pressed, the mode of Multi Around Monitor is switched as follows. If the gearshift lever or the selector lever is in the "R" (REVERSE) position, the available views are:

- Bird's eye-view/Rear-view mode
- Side-view/Rear-view mode
- Rear-wide view

If the gearshift lever or the selector lever is in the out of "R" (REVERSE) position, the available views are:

- Bird's eye-view/Front-view mode
- Side-view/Front-view mode
- Front-wide view

### NOTE

- The front view will not be displayed when the vehicle speed exceeds approximately 10 km/h.
- The display of the view may be delayed during switching of the screen.

## How to read the screen

E00645400402

In any mode other than the bird's eye-view mode, the lines in the screen give the following information. Use them only as a guide.

### CAUTION

- When you accidentally hit the camera and its circumference against something, the view and the lines in the screen may not be displayed correctly. Be sure to have it inspected by an authorised MITSUBISHI MOTORS dealer.

## Front- and rear-view mode

6

Reference lines for the distance and the vehicle width and upper surface of the vehicle body line (A) are displayed on the screen.

- Red line (1) indicates approximately 50 cm from the front edge of the vehicle body.
- Yellow line (2) indicates approximately 100 cm from the vehicle body.
- Green line (3) indicates approximately 200 cm from the vehicle body.
- Green line (4) indicates approximately 300 cm from the vehicle body.
- Vehicle width guide lines (5) indicate the vehicle width when backing up.

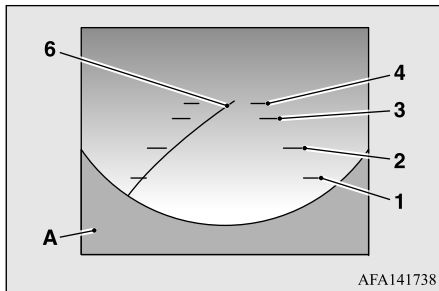


## Multi Around Monitor\*

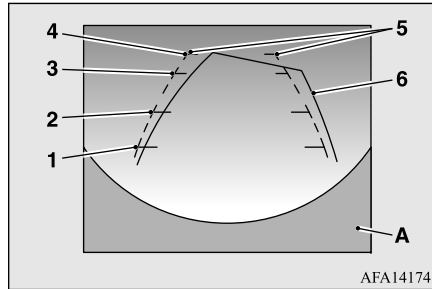
- Expected course lines (6) indicate the predictive course when operating the vehicle. When the monitor displays the rear view, the expected course lines will be displayed on the monitor if the steering wheel is turned. The expected course lines will move depending on how much the steering wheel is turned and will not be displayed while the steering wheel is in the straight ahead position.

6

### Front-view mode



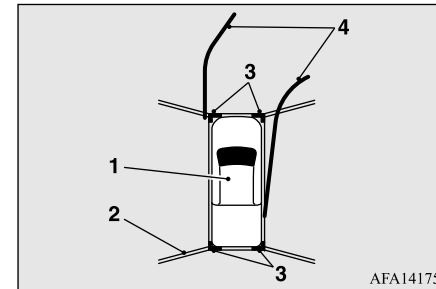
### Rear-view mode



### NOTE

- The front view will not be displayed when the vehicle speed is above 10 km/h.
- When the monitor displays the front view and the steering wheel turns approximately 90 degrees or less from the straight ahead position, both the right and left expected course lines (6) are displayed. When the steering wheel turns approximately 90 degrees or more, the predictive course line is displayed only on the opposite side of the turn.

### Bird's-eye view



The bird's-eye view shows the overhead view of the vehicle which helps confirm the vehicle position and the predictive course to a parking space.

The vehicle icon (1) shows the position of the vehicle. Note that the distance between objects viewed in the bird's-eye view differs from the actual distance.

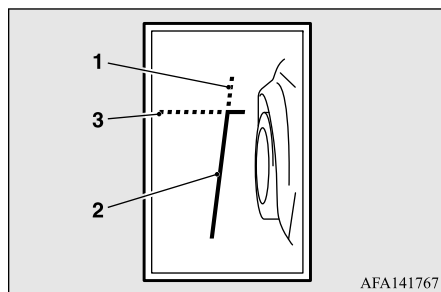
After the power switch is placed in the ON position, the non-viewable area (2) is highlighted in yellow for a few seconds after the bird's-eye view is displayed.

The red markers (3) (if so equipped) are displayed when the parking sensor is turned off or the parking sensor is not available at the corner. Expected course lines (4) indicate the predicted course when operating the vehicle.

**⚠ WARNING**

- Objects in the bird's-eye view will appear further away than the actual distance.
- Tall objects, such as a kerb or vehicle, may be misaligned or not displayed at the seam of the views.
- Objects that are above the camera cannot be displayed.
- The view for the bird's-eye view may be misaligned when the camera position alters.
- A line on the ground may be misaligned and is not seen as being straight at the seam of the views. The misalignment will increase as the line proceeds away from the vehicle.

**Front-side view**

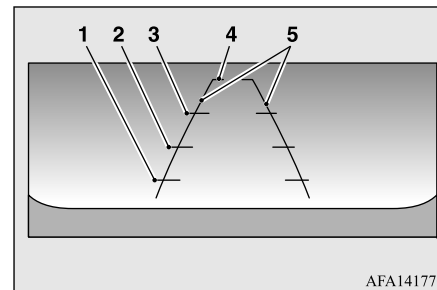


Guiding lines:

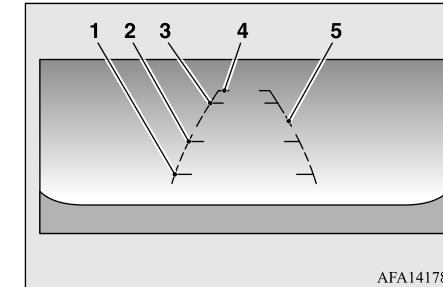
Guiding lines that indicate the approximate width and the front end of the vehicle are displayed on the monitor. The front-of-vehicle line (1) shows the front part of the vehicle. The side-of-vehicle line (2) shows the vehicle width including the door mirrors. The extensions (3) of both the front (1) and side (2) lines are shown with a green dotted line.

**Front-wide/rear-wide view**

**Front-wide view**



**Rear-wide view**



The front-wide view/rear-wide view shows a wider area on the entire screen and allows checking of the blind corners on the right and left sides. The front-wide view/rear-wide view displays an approximately 180-degree area while the front view and the rear view display an approximately 150-degree area. The expected course lines are not displayed on the front-wide view /rear-wide view.

- Red line (1) indicates approximately 50 cm from the vehicle body.
- Yellow line (2) indicates approximately 100 cm from the vehicle body.
- Green line (3) indicates approximately 200 cm from the vehicle body.
- Green line (4) indicates approximately 300 cm from the vehicle body.
- Vehicle width guide lines (5) indicate the vehicle width when backing up.

### Errors between the display and the actual road surface

E00645900029

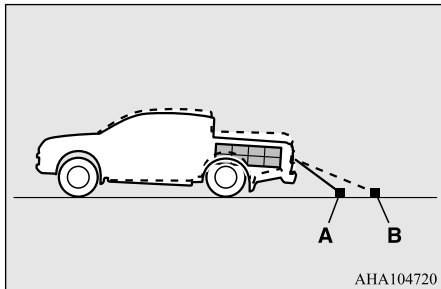
The reference lines for distance and vehicle width are based on a level, flat road surface. In the following cases, errors are produced between the display reference lines and the distance on the actual road surface.

## 6

#### ■ When the rear of the vehicle is weighed down with the weight of passengers and luggage in the vehicle

E00648600056

The reference lines are displayed closer than the actual distance. Therefore when there is an obstacle on the upward slope, it appears farther than its actual position.



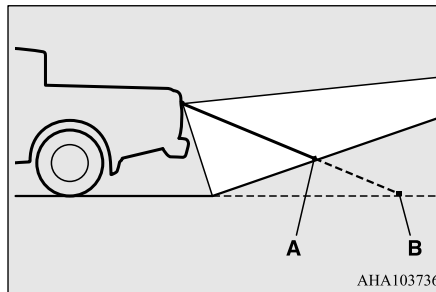
A: Actual objects

B: Objects shown on the screen

#### ■ When there is an upward slope behind the vehicle

E00648700057

The reference lines are displayed closer than the actual distance. Therefore when there is an obstacle on the upward slope, it appears farther than its actual position.



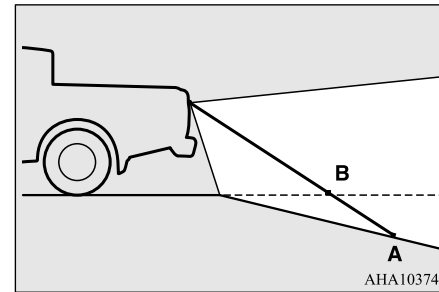
A: Actual objects  
B: Objects shown on the screen

#### ■ When there is a downward slope behind the vehicle

E00648800058

The reference lines are displayed farther than the actual distance.

Therefore when there is an obstacle on the downward slope, it appears closer than its actual position.

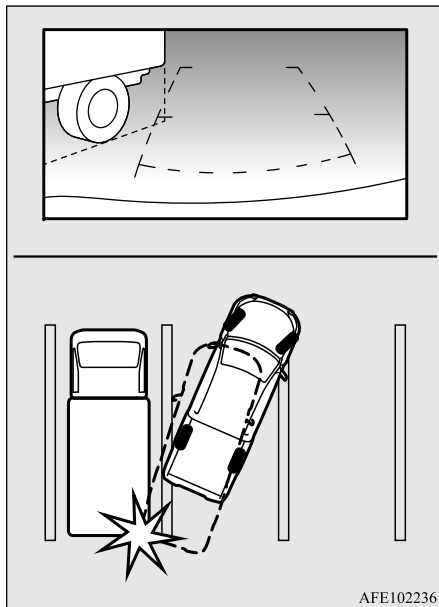


A: Actual objects  
B: Objects shown on the screen

#### ■ When solid objects are located close to the vehicle

E00648900088

When solid objects are located close to the vehicle, the displayed distance on the screen may differ from the actual distance. Because the reference lines do not contact the body of the truck, it looks as if it would not hit the vehicle in following illustration. However, the vehicle may hit the truck because the body of the truck strays onto the course in reality.



AFE102236

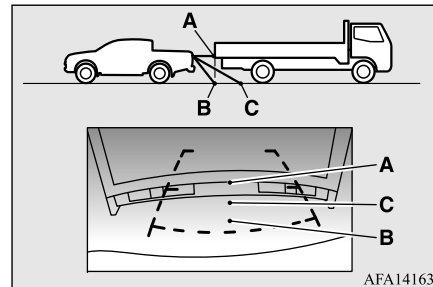
■ **When approaching to solid objects**

E00649000099

The reference lines for distance and vehicle width are intended to indicate the distance to a flat object such as a level, flat road surface. This may make the distance to a projecting object shown on the screen differ from the actual distance to the projecting object. Do

not use them as a guide to distances to solid objects.

Example: On the screen the point B appears the nearest, then the point C and A in order of distance. The point A and B actually are the same distances from the vehicle, and the point C is farther off than the point A and B.



AFA141637

**How to park with expected course lines**

E00659000021

**⚠ WARNING**

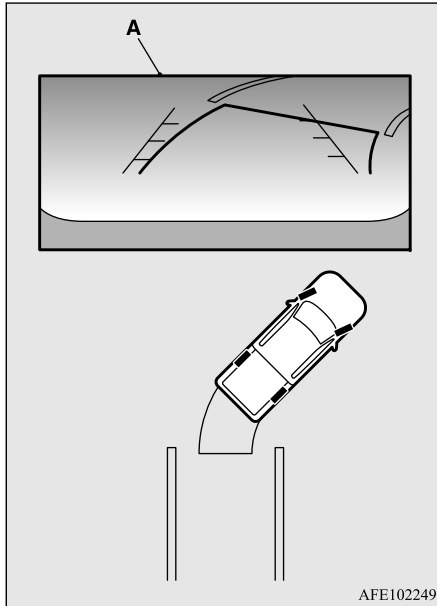
- If the tyres are replaced with different sized tyres, the expected course lines may be displayed incorrectly.
- On a snow-covered or slippery road, there may be a difference between the predictive course line and the actual course line.

**⚠ WARNING**

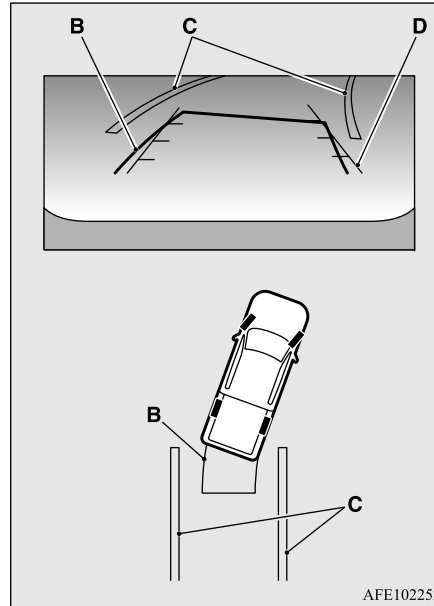
- If the battery is disconnected or becomes discharged, the expected course lines may be displayed incorrectly. If this occurs, please perform the following procedures:
  - Turn the steering wheel from lock to lock while the engine is running.
  - Drive the vehicle on a straight road for more than 5 minutes.
- When the steering wheel is turned with the operation mode in ON, the expected course lines may be displayed incorrectly.

## Multi Around Monitor\*

6



1. Visually check that the parking space is safe before parking your vehicle.
2. The rear view of the vehicle is displayed on the screen (A) when the gearshift lever or the selector lever is moved to the "R" (REVERSE) position.

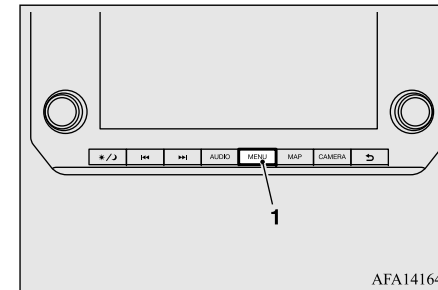


3. Slowly back up the vehicle adjusting the steering wheel so that the expected course lines (B) enter the parking space (C).
4. Manoeuvre the steering wheel to make the vehicle width guide lines (D) parallel to the parking space (C) while referring to the expected course lines.

5. When the vehicle is parked in the space completely, put the gearshift lever into the "N" (Neutral) or the selector lever into the "P" (PARK) position and apply the parking brake.

## Adjusting the screen

E0065910022



1. Press the MENU button (1).
2. Touch the "Settings" key and then touch the "Camera" key.
3. Touch the "Display Settings" key.
4. Touch the "Brightness", "Contrast", "Tint", "Color", or "Black Level" key.
5. Adjust the item by touching the "+" or "-" key on the touch screen display.

**NOTE**

- Do not adjust the display settings of the Multi Around Monitor while the vehicle is moving. Make sure the parking brake is firmly applied.

**How to turn on and off expected course lines**

E00659200023

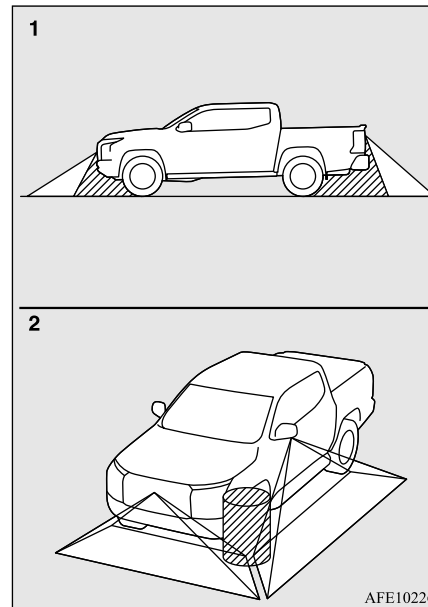
To turn the expected course lines on and off when the gearshift lever into the “N” (Neutral) or the selector lever is in the “P” (PARK) position, perform the following operation.

- Press the MENU button
- Touch the “Settings” key and then touch the “Camera” key.
- Touch the “Expected course lines” key to turn the feature ON or OFF.

Pressing the CAMERA button while the gearshift lever or the selector lever is in the “R” (REVERSE) position can also turn on and off the expected course lines.

**WARNING**

- Listed below are the system limitations for Multi Around Monitor. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.
- Do not use the Multi Around Monitor with the door mirrors in the stored position, and make sure that the rear gate is securely closed when operating the vehicle using the Multi Around Monitor.
- The apparent distance between objects viewed on the Multi Around Monitor differs from the actual distance.
- The cameras are installed above the front grille, the door mirrors and above the rear licence plate. Do not put anything on the cameras.
- When washing the vehicle with high-pressure water, be sure not to spray it around the cameras. Otherwise, water may enter the camera unit causing water condensation on the lens, a malfunction, fire or an electric shock.
- Do not strike the cameras. They are precision instruments. Doing so could cause a malfunction or cause damage resulting in a fire or an electric shock.

**6**

There are some areas where the system will not show objects and the system does not warn of moving objects. When in the front or the rear view display, an object below the bumper or on the ground may not be viewed (1). When in the bird’s-eye view, a tall object near the seam (2) of the camera viewing areas will not appear in the monitor.

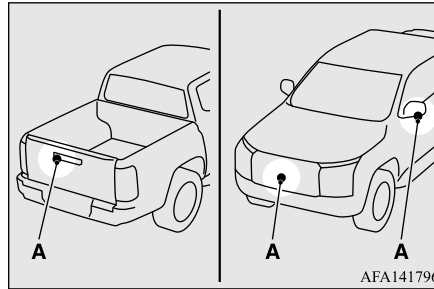
The following are operating limitations and do not represent a system malfunction:

### Moving Object Detection (MOD)\*

- There may be a delay when switching between views.
- When the temperature is extremely high or low, the screen may not display objects clearly.
- When strong light directly shines on the camera, objects may not be displayed clearly.
- The screen may flicker under fluorescent light.
- The colours of objects on the Multi Around Monitor may differ somewhat from the actual colour of objects.
- Objects on the Multi Around Monitor may not be clear and the colour of the object may differ in a dark environment.
- There may be differences in sharpness between each camera view of the bird's eye view.
- Do not use wax on the camera lens. Wipe off any wax with a clean cloth that has been dampened with a diluted mild cleaning agent, then wipe with a dry cloth.

### System maintenance

E00659300024



AFA141796

### NOTE

- Do not use alcohol, benzine or thinner to clean the camera. This will cause discolouration.
- Do not damage the camera as the monitor screen may be adversely affected.

If dirt, rain or snow accumulates on any of the cameras (A), the Multi Around Monitor may not display objects clearly. Clean the camera by wiping with a cloth dampened with a diluted mild cleaning agent and then wiping with a dry cloth.

### Moving Object Detection (MOD)\*

E00659400025

The MOD system can inform the driver of moving objects near the vehicle when driving out of garages, maneuvering in parking lots and in other such instances.

The MOD system detects moving objects by using image processing technology on the image shown in the display.

### WARNING

- **The MOD system is not a substitute for proper vehicle operation and is not designed to prevent contact with objects surrounding the vehicle. When maneuvering, always use the door mirror and rear-view mirror and turn and check the surroundings to ensure it is safe to manoeuvre.**
- **The system is deactivated at speeds above 10 km/h. It is reactivated at lower speeds.**
- **The MOD system is not designed to detect the surrounding stationary objects.**

### MOD system operation

E00659500042

The MOD system will turn on automatically under the following conditions:

- When the gearshift lever or the selector lever is in the “R” (REVERSE) position.
- When the CAMERA button is pressed to activate the Multi Around Monitor system on the display.
- When vehicle speed decreases below approximately 10 km/h.

The MOD system operates in the following conditions when the camera view is displayed:

- When the gearshift lever is in the “N” (Neutral) position or the selector lever is in the “P” (PARK) or “N” (NEUTRAL) position and the vehicle is stopped, the MOD system detects the moving objects in the bird’s-eye view. The MOD system will not operate if either door is opened. If door mirrors are folded, MOD may not operate properly.
- When the gearshift lever is in the 1st position or the selector lever is in the “D” (DRIVE) position, and the vehicle speed is below approximately 10 km/h, the MOD system detects moving objects in the front view.

- When the gearshift lever or the selector lever is in the “R” (REVERSE) position and the vehicle speed is below approximately 10 km/h, the MOD system detects moving objects in the rear view. The MOD system will not operate if the rear gate is open.

The MOD system does not detect moving objects in the front-side view. The MOD icon is not displayed on the screen when in this view.

When the MOD system detects a moving object near the vehicle, the yellow frame will be displayed on the view where the object is detected and a chime will sound once. While the MOD system continues to detect moving objects, the yellow frame continues to be displayed.

#### NOTE

- While the Rear Cross Traffic Alert (RCTA) chime is beeping, the MOD system does not chime.

#### Types of views of the MOD

E0065960027

In the bird’s-eye view, the yellow frame (1) is displayed on each camera image (front, rear, right, left) depending on where moving objects are detected.

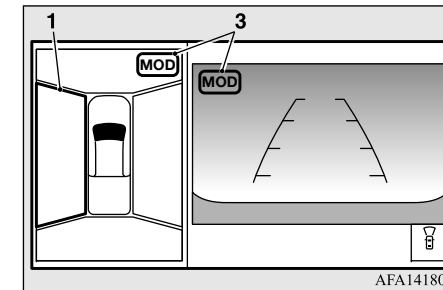
#### Moving Object Detection (MOD)\*

The yellow frame (2) is displayed on each view in the front view and rear view modes.

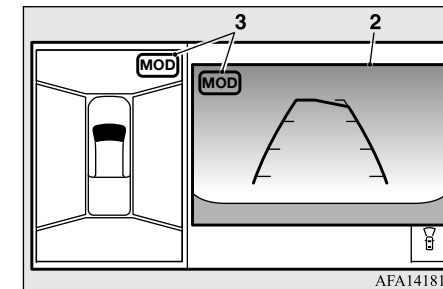
A green MOD icon (3) is displayed in the view where the MOD system is operative. A grey MOD icon (3) is displayed in the view where the MOD system is not operative.

If the MOD system is turned off, the MOD icon (3) is not displayed.

#### Front and bird’s-eye views



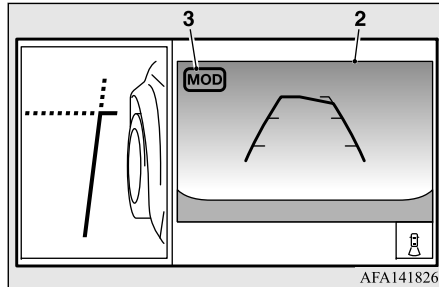
#### Rear and bird’s-eye views





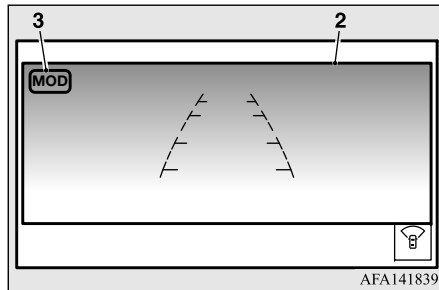
## Moving Object Detection (MOD)\*

### Rear and front-side views



6

### Front-wide view / rear-wide view



#### **WARNING**

- Listed below are the system limitations for MOD. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

#### **WARNING**

- Excessive noise (for example, audio system volume or open vehicle window) will interfere with the chime sound, and it may not be heard.
- The MOD system performance will be limited according to environmental conditions and surrounding objects such as:
  - When there is low contrast between background and the moving objects.
  - When there is blinking source of light.
  - When strong light such as another vehicle's headlight or sunlight is present.
  - When camera orientation is not in its usual position, such as when the door mirror is folded.
  - When there is dirt, water drops or snow on the camera lens.
  - When the position of the moving objects in the display is not changed.
- The MOD system might detect flowing water droplets on the camera lens, white smoke from the muffler, moving shadows, etc.
- The MOD system may not function properly depending on the speed, direction, distance or shape of the moving objects.
- If your vehicle sustains damage to the parts where the camera is installed, leaving it misaligned or bent, the sensing zone may be altered and the MOD system may not detect objects properly.

#### **WARNING**

- When the temperature is extremely high or low, the screen may not display objects clearly. This is not a malfunction.

#### **NOTE**

- The green MOD icon will change to orange if one of the following has occurred.
  - When the system is malfunctioning.
  - When the component temperature reaches a high level (icon will blink).
  - When the rear-view camera has detected a blockage (icon will blink).
- If the icon light continues to illuminate in orange, have the MOD system checked. It is recommended that you contact an authorised MITSUBISHI MOTORS dealer.

### Turning MOD on and off

E00659700028

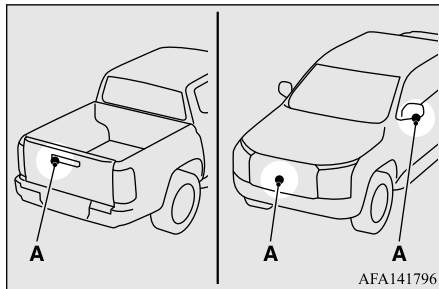
The MOD system can be turned on and off using the multi-information display. Refer to "Driver Assistance" on page 5-9.

## System maintenance

E00659800029

### **⚠ CAUTION**

- Do not use alcohol, benzine or thinner to clean the camera. This will cause discolouration.
- Do not damage the camera as the monitor screen may be adversely affected.



If dirt, rain or snow accumulates on any of the cameras (A), the MOD system may not operate properly. Clean the camera by wiping with a cloth dampened with a diluted mild cleaning agent and then wiping with a dry cloth.

## Cargo loads

E00609903202

### Cargo loads precautions

### **⚠ CAUTION**

- When loading luggage, be careful to the following.
    - Stow cargo and luggage in the cargo area whenever possible.
    - Distribute cargo or luggage evenly so that it is not unbalanced.
    - Do not place cargo or luggage on the instrument panel.
- Also, do not stack up cargo or luggage on the front passenger's seat or the rear seat. Having the driver's vision blocked, and your cargo being thrown inside the cabin if you suddenly have to brake can cause a serious accident or injury.
- Avoid overloading as it can cause damage to the vehicle.



## *For pleasant driving*

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## Important air conditioning operating tips

### Important air conditioning operating tips

E00708303095

#### **CAUTION**

- The engine speed may increase when the air conditioning is operating. With an increased engine speed, an A/T vehicle will creep to a greater degree than with a lower engine speed. Fully depress the brake pedal to prevent the vehicle from creeping.

7

- Park the vehicle in the shade. Parking in the hot sun will make the vehicle inside extremely hot, and it will require more time to cool the interior. If it is necessary to park in the sun, open the windows for the first few minutes of air conditioning operation to expel the hot air.
- Close the windows when the air conditioning is in use. The entry of outside air through open windows will reduce the cooling efficiency.
- Too much cooling is not good for the health. The inside air temperature should only be 5 to 6 °C below the outside air temperature.

- When operating the system, make sure the air intake, which is located in front of the windscreen, is free of obstructions such as leaves and snow. Leaves collected in the air-intake plenum may reduce air flow and plug the plenum water drains.

### Air conditioning system refrigerant and lubricant recommendations

If the air conditioning seems less effective than usual, the cause might be a refrigerant leak. We recommend you to have the system inspected.

The air conditioning system in your vehicle must be charged with the refrigerant HFC-134a and the lubricant DH-PR.

Use of any other refrigerant or lubricant will cause severe damage which will result in the need to replace your vehicle's entire air conditioning system. The release of refrigerant into the atmosphere should be prevented. It is recommended that the refrigerant be recovered and recycled for further use.

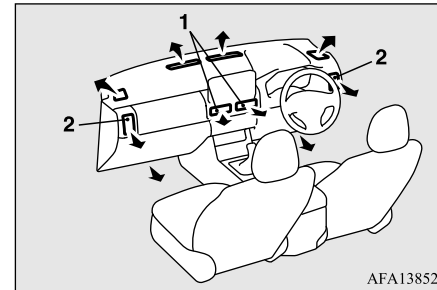
### During a long period of disuse

The air conditioning should be operated for at least 5 minutes each week, even in cold

weather. This is to prevent poor lubrication of the compressor internal parts and to maintain the air conditioning in the best operating condition.

### Ventilators

E00700102481



- 1- Centre ventilators
- 2- Side ventilators

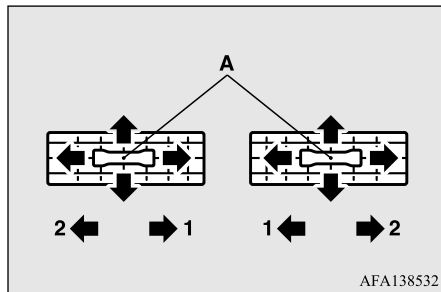
### Adjusting the air flow direction

E00700202815

#### Centre ventilators

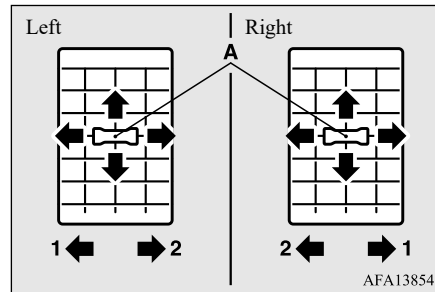
Move the knob (A) to adjust the air flow direction.

To close the vent, move the knob (A) to the inside as far as possible.



- 1- Close
- 2- Open

To close the vent, move the knob (A) to the outside as far as possible.



- 1- Close
- 2- Open

**CAUTION**

- Be careful not to spill beverages, etc., into the ventilators. Doing so might cause the air conditioning not to function normally.

**NOTE**

- The cool air from the ventilators may appear as a mist. This is due to moist air being suddenly cooled by the air conditioning. This will clear after a few moments.

**Side ventilators**

Move the knob (A) to adjust the air flow direction.

**Changing the position of air flowing from the ventilators**

E00700303419

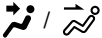


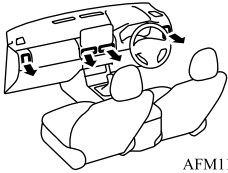
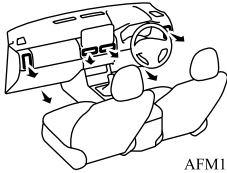
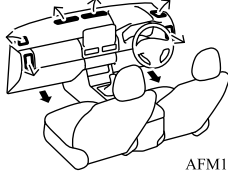
On vehicle with the manual air conditioning, to change the position and amount of air flowing from the ventilators, turn the mode selection dial. On vehicle with the automatic climate control air conditioning/dual-zone automatic climate control air conditioning, each time the MODE switch is pressed, the mode changes to the next one in the following sequence: “↻” → “↻” → “↻” → “↻” → “↻”. To change to the “↻” position, press the demister switch.

These symbols are used in the next several illustrations to demonstrate the quantity of air coming from the ventilators.



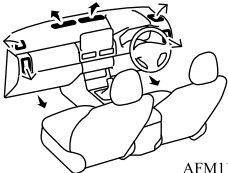

- : Small amount of air from the ventilators
- ↻: Medium amount of air from the ventilators
- ↻: Large amount of air from the ventilators

## Ventilators











### The mode selection and air flowing from the ventilators

 Face position	 Foot/Face position	 Foot position
 <p style="text-align: center;">AFM116103</p>	 <p style="text-align: center;">AFM116116</p>	 <p style="text-align: center;">AFM116129</p>

7

 Foot/Demister position*	 Demister position*
 <p style="text-align: center;">AFM116132</p>	 <p style="text-align: center;">AFM116145</p>

### NOTE

- On vehicle with the automatic climate control air conditioning/dual-zone automatic climate control air conditioning, when using the “ ” or “ ” position, set the outside position to prevent the windows from fogging up.
- On vehicle with the manual air conditioning, with the mode selection dial between the “ ” and “ ” positions, air flows mainly to the upper part of the passenger compartment. With the mode selection dial between the “ ” and “ ” positions, air flows mainly to the leg area.
- On vehicle with the manual air conditioning, with the mode selection dial between the “ ” and “ ” positions, air flows mainly to the leg area. With the mode selection dial between the “ ” and “ ” positions, air flows mainly to the windscreen and door windows.

 **NOTE**

- The windows may start to fog up while the Auto Stop & Go (AS&G) system is operating. If this occurs, remove fog from the windows as follows.  
[Vehicles equipped with the manual air conditioning]  
Select the demister position with using the air conditioning.  
[Vehicles equipped with the automatic climate control air conditioning/dual-zone automatic climate control air conditioning]  
Press the demister switch.

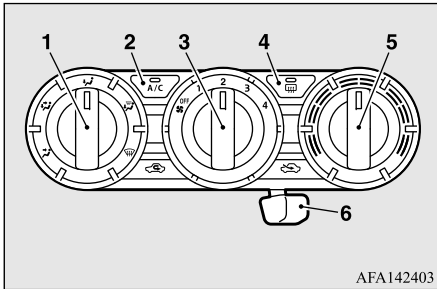


## Manual air conditioning\*

### Manual air conditioning\*

E00731101233

The manual air conditioning can only be used while the engine is running.



AFA142403

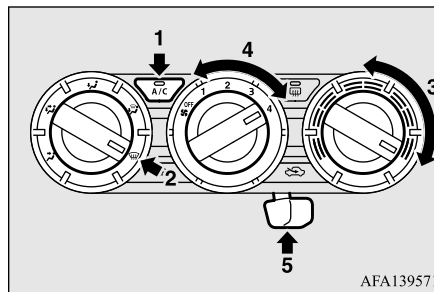
- 1- Mode selection dial → P.7-3
- 2- Air conditioning switch → P.7-8
- 3- Blower speed selection dial → P.7-7
- 4- Rear window demister switch\* → P.5-50
- 5- Temperature control dial → P.7-7
- 6- Air selection lever → P.7-8

#### ● Usage

- Changing the position of air flowing from the ventilators → P.7-3
- Demisting of the windscreen and door windows → P.7-6
- Adjusting the blower speed → P.7-7
- To stop the fan → P.7-7
- Adjusting the temperature control → P.7-7
- Cooling → P.7-7
- Heating → P. 7-8
- Switching the air conditioning system ON/OFF → P.7-8
- Switching outside air and recirculated air → P.7-8
- Driving in polluted outside air conditions → P.7-9

### Demisting of the windscreen and door windows

E00776400106



AFA139571

1. Press the air conditioning switch to turn it on.
2. Set the mode selection dial to the “” position.
3. Set the temperature rather high by using the temperature control dial.
4. Select your desired blower speed by turning the blower speed selection dial clockwise or anticlockwise.
5. Set “” outside air by using the air selection lever.

#### CAUTION

- For safety, make sure you have a clear view through all the windows.
- Do not set the temperature to the max. cool position. Cool air will blow against the window glasses and prevent demisting.

#### NOTE

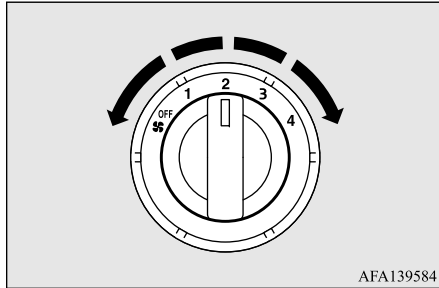
- When demisting quick, set the blower to the maximum speed and the temperature to the highest position.
- To demist the door windows effectively, direct the air flowing of the side ventilators towards the door windows.

### Adjusting the blower speed

E00771500128

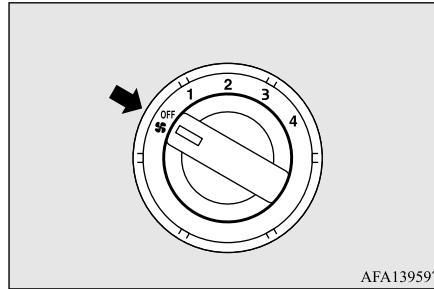
Select the blower speed by turning the blower speed selection dial clockwise or anticlockwise.

The blower speed will gradually increase as the dial is turned clockwise.



### To stop the fan

E00772100121



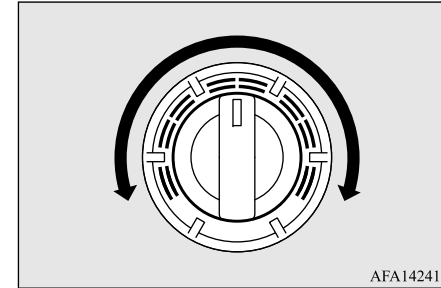
Turn the blower speed selection dial to the “OFF” position.

### Adjusting the temperature control

E00771600129

The temperature control dial is used to select the desired air temperature.

Turn the temperature control dial clockwise to make the air warmer. Turn it anticlockwise to make the air cooler.



### NOTE

- While the engine coolant temperature is low, the temperature of the air from the heater will be cool/cold until the engine warms up, even if you have selected warm air with the dial.

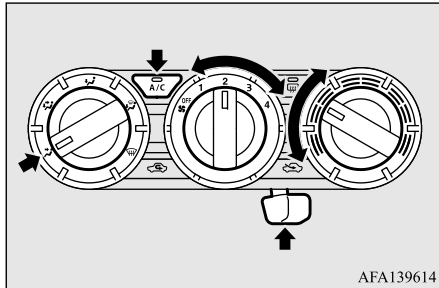
### Cooling

E00771800147

Select dials and lever as shown in the illustration according to your purpose.

7

## Manual air conditioning\*



7

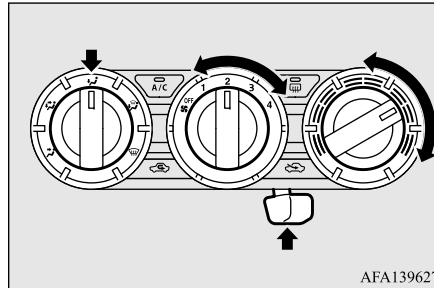
### CAUTION

- If high cooling performance is desired, set air selection lever to the “↻” (recirculation) position and the temperature control dial all the way to the left. Switch to the “↻” (outside) position periodically to increase ventilation so that the windows do not become fogged up.

## Heating

E00775700072

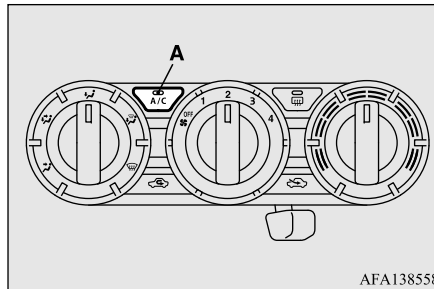
Select dials and lever as shown in the illustration according to your purpose.



## Switching the air conditioning system ON/OFF

E00775900087

Press the switch to turn the air conditioning on, the indicator lamp (A) will come on.

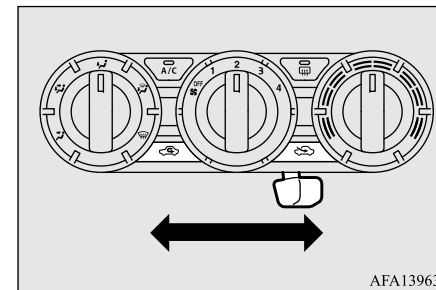


Press the switch again to switch it off.

## Switching outside air and recirculated air




E00771900135

To change the air selection, use the air selection lever.




- “↻” Outside air  
Outside air is introduced into the passenger compartment.
- “↻” Recirculated air  
Air is recirculated inside the passenger compartment.

**⚠ CAUTION**

- Normally, use the “” (outside) position to prevent the windows from fogging up. Use of the “” (recirculation) position for extended time may cause the windows to fog up. Switch to the “” (outside) position periodically to increase ventilation.

**Driving in polluted outside air conditions**

E00775200035

If the outside air is dusty or otherwise contaminated when driving through a tunnel or in a traffic jam, set the air selection lever to the “” (recirculation) position.

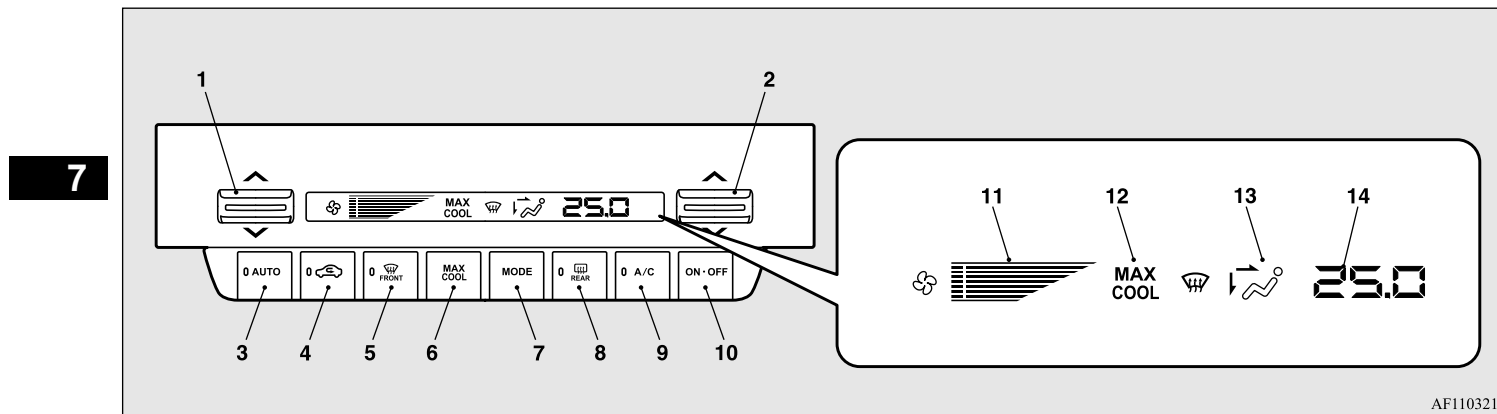
Refer to “Switching outside air and recirculated air” on page 7-8.

## Automatic climate control air conditioning\*

### Automatic climate control air conditioning\*

E00702402244

The air conditioning can only be used while the engine is running.



AF1103217

- 1- Blower speed selection switch → P.7-12
- 2- Temperature control switch → P.7-12
- 3- AUTO switch → P.7-11
- 4- Air selection switch → P.7-13
- 5- Demister switch → P.7-11
- 6- MAX COOL switch → P.7-12
- 7- MODE switch → P.7-3
- 8- Rear window demister switch → P.5-50
- 9- Air conditioning switch → P.7-13
- 10- ON•OFF switch → P.7-11

7-10 For pleasant driving

- 11- Blower speed display → P.7-12
- 12- MAX COOL indicator → P.7-12
- 13- Mode selection display → P.7-3
- 14- Temperature display → P.7-12

#### ● Usage

- Changing the position of air flowing from the ventilators → P.7-3
- Demisting of the windscreen and door windows → P.7-11
- Operating the system in automatic mode → P.7-11

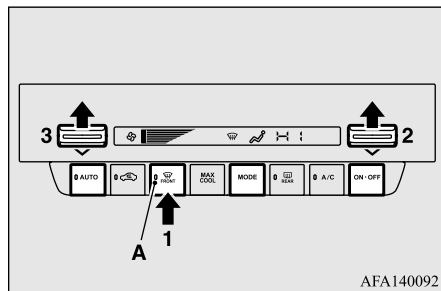
- Operating the system in manual mode → P.7-12
- Adjusting the blower speed → P.7-12
- Adjusting the temperature control → P.7-12
- Switching the air conditioning system ON/OFF → P.7-13
- Switching outside air and recirculated air → P.7-13
- Driving in polluted outside air conditions → P.7-14

**NOTE**

- In extreme cold, the air conditioning control panel screen may operate sluggishly. This does not indicate a problem. It will disappear when the vehicle interior temperature rises to a normal temperature.

### Demisting of the windscreen and door windows

E00772200265



AFA140092

1. Press the demister switch to change to the “ ” position. When the demister switch is pressed, the indicator lamp (A) comes on.
2. Set the temperature rather high by using the temperature control switch.
3. Select your desired blower speed by pressing the blower speed selection switch.

Press the demister switch or AUTO switch or MODE switch or ON•OFF switch to turn off the demister mode.

### CAUTION

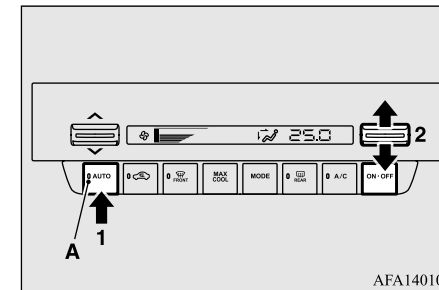
- For safety, make sure you have a clear view through all the windows.
- When setting the MODE switch to the “ ” position, it also can prevent the windows from fogging up. But the air conditioning system does not operate automatically and outside air (as opposed to recirculated air) is not selected. If operating the air conditioning system and switching to outside air, press the air conditioning switch and the air selection switch.
- Do not set the temperature to the max. cool position. Cool air will blow against the window glasses and prevent demisting.

### NOTE

- When demisting quick, set the blower to the maximum speed and the temperature to the highest position.
- To demist the door windows effectively, direct the air flowing of the side ventilators towards the door windows.
- When the demister switch is pressed, the air conditioning system automatically operates and outside air (as opposed to recirculated air) is selected.

### Operating the system in automatic mode

E00704103066



AFA140106

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In normal conditions, use the system in the AUTO mode and follow these procedures:

1. Press the AUTO switch.
2. Set the temperature control switch to the desired temperature.

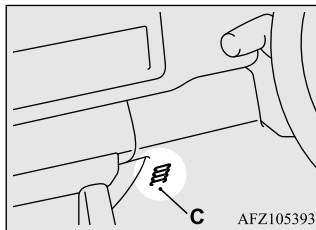
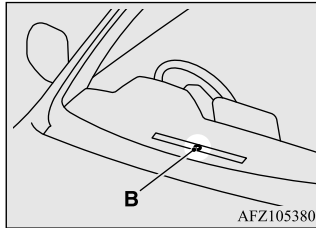
Press the ON•OFF switch to turn off the air conditioning system. Press the switch again to switch it on.

The mode selection, blower speed adjustment, temperature adjustment, and air conditioning ON/OFF status are all controlled automatically. When the AUTO switch is pressed, the indicator lamp (A) comes on.

## Automatic climate control air conditioning\*

### NOTE

- If the blower speed selection switch, air conditioning switch, or MODE switch is operated while the system is operating in the AUTO mode, the activated function overrides the corresponding function of automatic control. All other functions remain under automatic control.
- There is a photo sensor (B) and interior air temperature sensor (C) inside the vehicle. Never place anything on top of these sensors, since doing so will prevent them from functioning properly.



### Operating the system in manual mode

E007704201395

Blower speed and mode selection may be controlled manually by setting the blower speed selection switch and the MODE switch to the desired positions.

To return to automatic operation, press the AUTO switch.

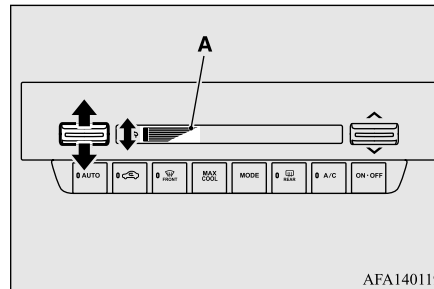
### Adjusting the blower speed

E00772300149

Press up the blower speed selection switch to increase the blower speed.

Press down the blower speed selection switch to decrease the blower speed.

The selected blower speed will be shown in the display (A).



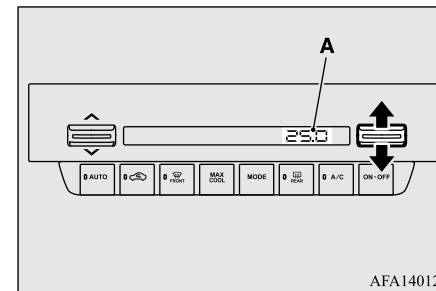
### Adjusting the temperature control

E00772400368

Press up the temperature control switch to raise the temperature.

Press down the temperature control switch to lower the temperature.

The selected temperature will be shown in the display (A).



### NOTE

- On vehicles equipped with the colour liquid crystal display, the temperature value of air conditioning is switched in conjunction with outside temperature display unit of the instrument cluster. Refer to “Unit/Language” on page 5-14.

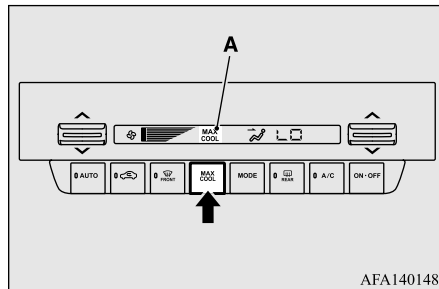
## Automatic climate control air conditioning\*

### NOTE


- While the engine coolant temperature is low, the temperature of air flowing will not be changed, even if you have selected warm air with the switch.

### Maximum cooling

Press the MAX COOL switch to maximize the cooling output, and the MAX COOL indicator (A) will be shown in the display. Press the switch again while the MAX COOL indicator (A) is displayed to return to the previous condition.



### NOTE

- When the MAX COOL switch is pressed, the mode is changed to “

### NOTE

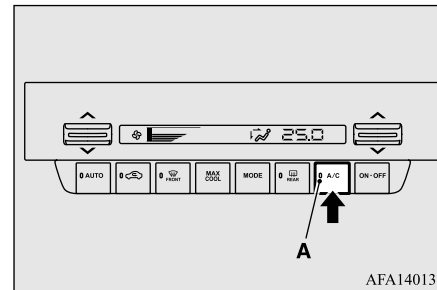
- Even if the MAX COOL switch is pressed again, the blower speed and/or the mode may not return to the previous condition.

### Switching the air conditioning system ON/OFF

E00772900259

Press the air conditioning switch to turn the air conditioning on, the indicator lamp (A) comes on.

Press the switch again to switch it off.

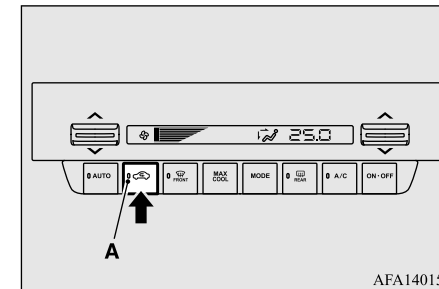


### Switching outside air and recirculated air

E00772700198

To change the air selection, simply press the air selection switch.

- Outside air: Indicator lamp (A) is OFF  
Outside air is introduced into the passenger compartment.
- Recirculated air: Indicator lamp (A) is ON  
Air is recirculated inside the passenger compartment.



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### CAUTION

- Normally, use the outside position to prevent the windows from fogging up.  
Use of the recirculation position for extended time may cause the windows to fog up.  
Switch to the outside position periodically to increase ventilation.

### NOTE

- If effective cooling performance is desired, use the recirculation position.



7

 **NOTE**

- The recirculated/outside air selection control switches to automatic when either of the following operations is performed.
  - When the operation mode is put in ON after the operation mode was put in OFF while outside air manually selected.
  - When the operation mode is put in ON and then the first time the demister switch is pressed and the demister mode is turned off.
- When the air selection switch is pressed for approximately 2 seconds while the indicator lamp (A) is OFF, the indicator lamp (A) blinks twice and recirculated/outside air selection control switches to automatic.
- Pressing the air selection switch when the recirculated/outside air selection control is automatic switches the control to manual.

**Driving in polluted outside air conditions**

E00775300036

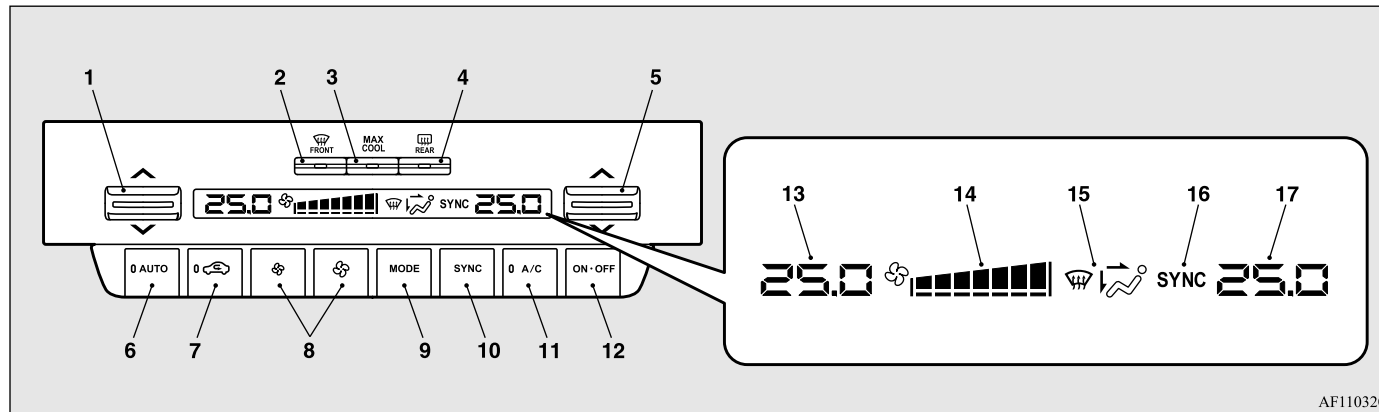
If the outside air is dusty or otherwise contaminated when driving through a tunnel or in a traffic jam, set to the recirculation position by pressing the air selection switch.

Refer to “Switching outside air and recirculated air” on page 7-13.

## Dual-zone automatic climate control air conditioning\*

E00773000390

The air conditioning can only be used while the engine is running.



7

AF1103204

- 1- Passenger's side temperature control switch → P.7-17, 7-18
- 2- Demister switch → P.7-16
- 3- MAX COOL switch → P.7-17
- 4- Rear window demister switch → P.5-50
- 5- Driver's side temperature control switch → P.7-17, 7-18
- 6- AUTO switch → P.7-16
- 7- Air selection switch → P.7-19
- 8- Blower speed selection switch → P.7-17
- 9- MODE switch → P.7-3

- 10- SYNC switch → P.7-18
- 11- Air conditioning switch → P.7-19
- 12- ON•OFF switch → P.7-16
- 13- Passenger's side temperature display → P.7-17, 7-18
- 14- Blower speed display → P.7-17
- 15- Mode selection display → P.7-3
- 16- SYNC indicator → P.7-18
- 17- Driver's side temperature display → P.7-17, 7-18

## ● Usage

- Changing the position of air flowing from the ventilators → P.7-3
- Demisting of the windscreen and door windows → P.7-16
- Operating the system in automatic mode → P.7-16
- Operating the system in manual mode → P.7-17
- Adjusting the blower speed → P.7-17
- Adjusting the temperature control → P.7-17

## Dual-zone automatic climate control air conditioning\*

- To control the driver's side and the passenger's side temperature independently → P.7-18
- Switching the air conditioning system ON/OFF → P.7-19
- Switching outside air and recirculated air → P.7-19
- Driving in polluted outside air conditions → P.7-19

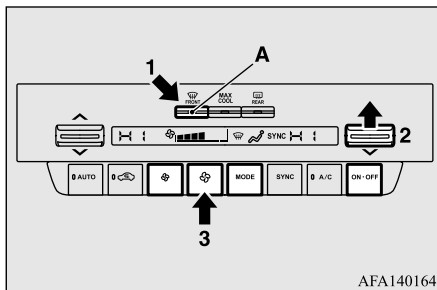
7

### NOTE

- In extreme cold, the air conditioning control panel screen may operate sluggishly. This does not indicate a problem. It will disappear when the vehicle interior temperature rises to a normal temperature.

## Demisting of the windscreen and door windows

E00773200321



1. Press the demister switch to change to the “ ” position. When the demister switch is pressed, the indicator lamp (A) comes on.
2. Set the temperature rather high by using the temperature control switch.
3. Select your desired blower speed by pressing the blower speed selection switch.

Press the demister switch or AUTO switch or MODE switch or ON•OFF switch to turn off the demister mode.

### CAUTION

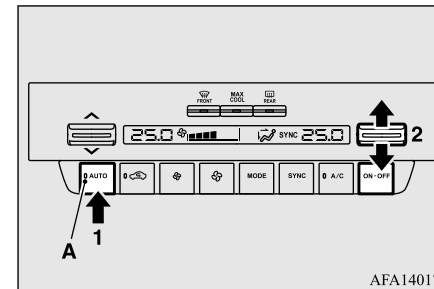
- For safety, make sure you have a clear view through all the windows.
- When setting the MODE switch to the “ ” position, it also can prevent the windows from fogging up. But the air conditioning system does not operate automatically and outside air (as opposed to recirculated air) is not selected. If operating the air conditioning system and switching to outside air, press the air conditioning switch and the air selection switch.
- Do not set the temperature to the max. cool position. Cool air will blow against the window glasses and prevent demisting.

### NOTE

- When demisting quick, set the blower to the maximum speed and the temperature to the highest position.
- To demist the door windows effectively, direct the air flowing of the side ventilators towards the door windows.
- When the demister switch is pressed, the air conditioning system automatically operates and outside air (as opposed to recirculated air) is selected.

## Operating the system in auto-automatic mode

E00773100388



In normal conditions, use the system in the AUTO mode and follow these procedures:

1. Press the AUTO switch.

2. Set the temperature control switch to the desired temperature.

Press the ON•OFF switch to turn off the air conditioning system. Press the switch again to switch it on.

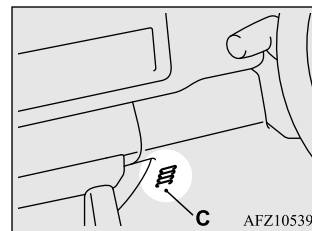
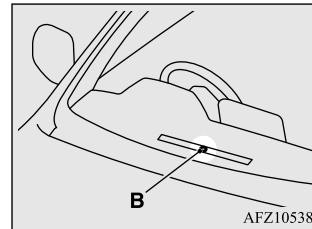
The mode selection, blower speed adjustment, temperature adjustment, and air conditioning ON/OFF status are all controlled automatically. When the AUTO switch is pressed, the indicator lamp (A) comes on.

**NOTE**

- If the blower speed selection switch, air conditioning switch, or MODE switch is operated while the system is operating in the AUTO mode, the activated function overrides the corresponding function of automatic control. All other functions remain under automatic control.

**NOTE**

- There is a photo sensor (B) and interior air temperature sensor (C) inside the vehicle. Never place anything on top of these sensors, since doing so will prevent them from functioning properly.



**Operating the system in manual mode**

E00773300045

Blower speed and ventilator mode may be controlled manually by setting the blower speed selection switch and the MODE switch to the desired positions.

To return to automatic operation, press the AUTO switch.

**Adjusting the blower speed**

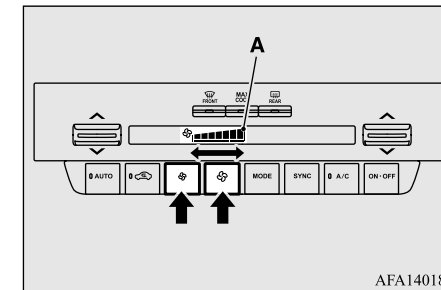
E00773400147

Press of the blower speed selection switch to increase the blower speed.

Press of the blower speed selection switch to decrease the blower speed.

The selected blower speed will be shown in the display (A).

**7**



**Adjusting the temperature control**

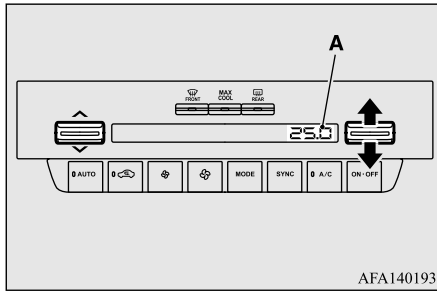
E00773500425

Press up the temperature control switch to raise the temperature.

## Dual-zone automatic climate control air conditioning\*

Press down the temperature control switch to lower the temperature.

The selected temperature will be shown in the display (A).



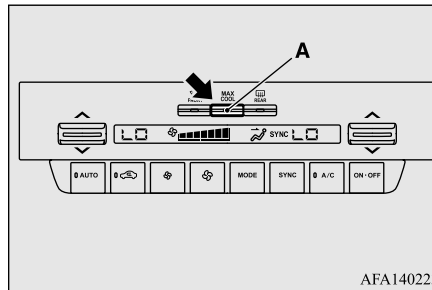
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### NOTE

- On vehicles equipped with the colour liquid crystal display, the temperature value of air conditioning is switched in conjunction with outside temperature display unit of the instrument cluster.
- Refer to “Unit/Language” on page 5-14.
- While the engine coolant temperature is low, the temperature of air flowing will not be changed, even if you have selected warm air with the switch.

## Maximum cooling

Press the MAX COOL switch to maximize the cooling output, and the indicator lamp (A) will come on. Press the switch again while the indicator lamp (A) is on to return to the previous condition.



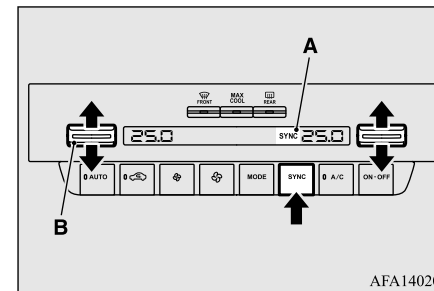
### NOTE

- When the MAX COOL switch is pressed, the mode is changed to “”, the air conditioning system operates and recirculated air (as opposed to outside air) is selected.
- Even if the MAX COOL switch is pressed again, the blower speed and/or the mode may not return to the previous condition.

## To control the driver’s side and the passenger’s side temperature independently

E00773600309

When the “SYNC” indicator (A) goes off by pressing the passenger’s side temperature control switch (B) or the SYNC switch, the driver’s side and the passenger’s side temperature can be controlled independently.



### NOTE

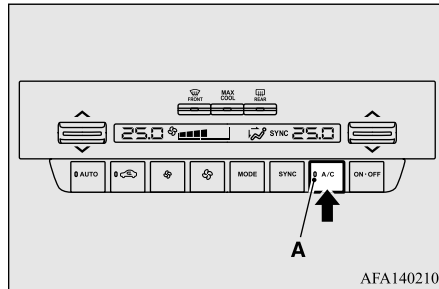
- When the “SYNC” indicator (A) appears by pressing the SYNC switch, the passenger’s side temperature will be controlled to the same setting temperature as the driver’s side. When the “SYNC” indicator (A) is displayed, if the driver’s side temperature control switch is pressed, the passenger’s side setting temperature will be synchronised to the driver’s side.

## Switching the air conditioning system ON/OFF

E00774100271

Press the air conditioning switch to turn the air conditioning on, the indicator lamp (A) comes on.

Press the switch again to switch it off.



AFA140210

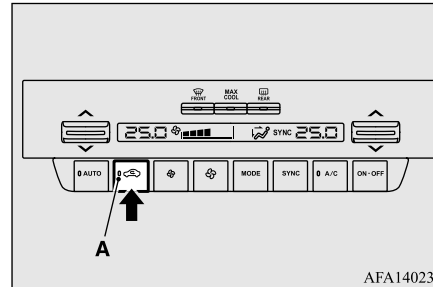
## Switching outside air and recirculated air

E00773900214

To change the air selection, simply press the air selection switch.

- Outside air: Indicator lamp (A) is OFF  
Outside air is introduced into the passenger compartment.
- Recirculated air: Indicator lamp (A) is ON

Air is recirculated inside the passenger compartment.



AFA140236

## CAUTION

- Normally, use the outside position to prevent the windows from fogging up. Use of the recirculation position for extended time may cause the windows to fog up. Switch to the outside position periodically to increase ventilation.

## NOTE

- If effective cooling performance is desired, use the recirculation position.
- The recirculated/outside air selection control switches to automatic when either of the following operations is performed.
  - When the operation mode is put in ON after the operation mode was put in OFF while outside air manually selected.

## NOTE

- When the operation mode is put in ON and then the first time the demister switch is pressed and the demister mode is turned off.
- When the air selection switch is pressed for approximately 2 seconds while the indicator lamp (A) is OFF, the indicator lamp (A) blinks twice and recirculated/outside air selection control switches to automatic.
- Pressing the air selection switch when the recirculated/outside air selection control is automatic switches the control to manual.

7

## Driving in polluted outside air conditions

E00775400037

If the outside air is dusty or otherwise contaminated when driving through a tunnel or in a traffic jam, set to the recirculation position by pressing the air selection switch. Refer to “Switching outside air and recirculated air” on page 7-19.

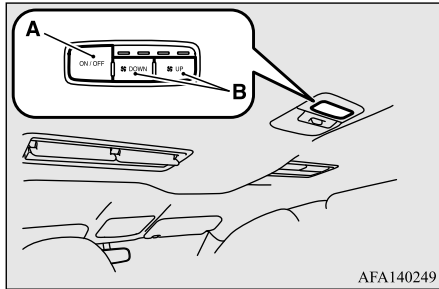
## Rear circulator\*

E00778800074

This device circulates air to the rear seat passengers.

The rear circulator can only be used when the operation mode is in ON.

## Air purifier

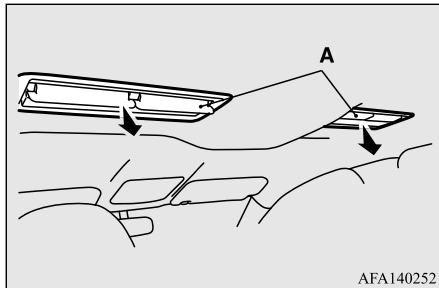


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- A- ON/OFF switch
- B- Blower speed adjustment switch

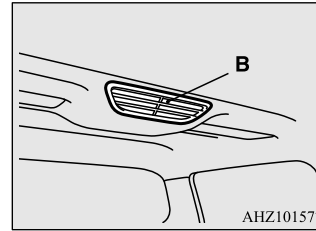
## Air flow and direction adjustments

Move the flap (A) to adjust the air flow direction.



## NOTE

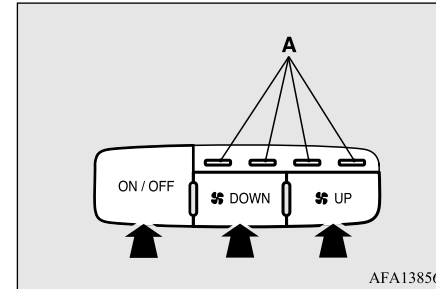
- To send the air flow of the front air conditioning to the rear seat effectively, adjust the centre ventilators to the upper direction.
- Do not put foreign objects into the air inlet port (B).



## To operate the rear circulator

E00779000057

1. Press the “ON/OFF” switch to activate the rear circulator.
2. Press the “UP” button to increase the blower speed and press the “DOWN” button to decrease the blower speed. The selected blower speed will be shown with the indicator lamp (A).
3. Press the “ON/OFF” switch again to stop operation.



## NOTE

- If the rear circulator is activated again after it is stopped by pressing the “ON/OFF” switch or after the ignition switch or the operation mode is OFF, the blower speed will return to the previous setting.

## Air purifier

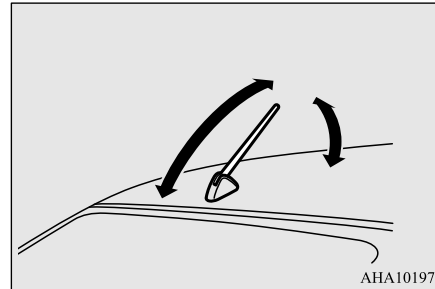
E00708402044

An air filter has been incorporated into this air conditioning so that dirt and dust are cleaned from the air.

Replace the air filter periodically as its ability to clean the air will be reduced as it collects pollen and dirt. For the maintenance interval, refer to the “SERVICE BOOKLET”.

**NOTE**

- Operation in certain conditions such as driving on a dusty road and frequent use of the air conditioning can lead to reduction of service life of the filter. When you feel that the airflow is lower than normal or when the windscreen or windows start to fog up easily, replace the air filter. We recommend you to have it checked.



**To install**

Screw the pole (A) clockwise into the base (B) until it is securely retained.

**NOTE**

- Be sure to remove the roof antenna in the following cases:
  - When going into an automatic car wash.
  - When placing a car cover over the vehicle.
  - When driving into a structure that has a low ceiling.

**Antenna**

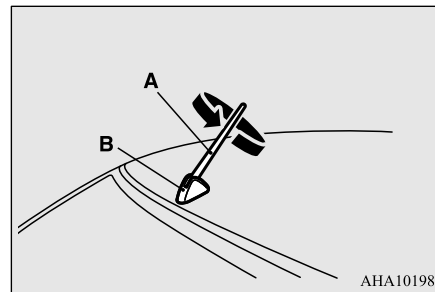
E00710502114

**CAUTION**

- A build up of ice on the roof antenna can affect radio performance. Remove the ice to restore radio reception.
- When removing snow from the roof, do not apply strong force to the antenna. That may cause broken the antenna and roof panel dent.
- When using a high pressure car wash, keep the high pressure nozzle away from the antenna. The seal may be deformed or damaged.
- The radio performance may be affected if cargo carried on the roof blocks the radio signal. If possible, do not put cargo near the antenna.

**To remove**

Turn the pole (A) anticlockwise.



When listening to the radio, raise the antenna up until you hear it click.



## USB input terminal\*

### USB input terminal\*

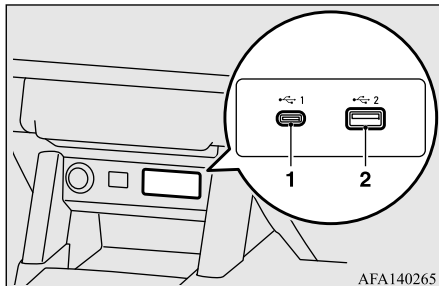
E00761902396

You can connect your USB memory device or iPod\* to play music files stored in the USB memory device or iPod.

\*: "iPod" is a registered trademark of Apple Inc. in the United States and other countries.

**7**

The USB input terminal is located in the indicated position.



- 1- USB input terminal (Type-C)
- 2- USB input terminal (Type-A)

This section explains how to connect and remove a USB memory device or iPod. See the separate owner's manual for details on how to play music files.

7-22 For pleasant driving

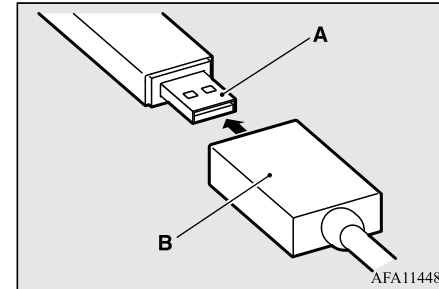
### CAUTION

- Do not force the connector cable into the USB input terminal. Inserting the connector cable tilted or up-side-down into the USB input terminal may damage the USB input terminal. Make sure that the connector cable is connected correctly into the USB input terminal.
- Do not leave the connector cable in a place where it can be pulled unintentionally. Pulling the cable may damage the USB input terminal.

### How to connect a USB memory device

E00762002219

1. Park your vehicle in a safe place and put the operation mode in OFF.
2. Connect a commercially available USB connector cable (B) to the USB memory device (A).



3. Connect the USB connector cable to the USB input terminal.

### NOTE

- Do not connect the USB memory device to the USB input terminal directly. The USB memory device may be damaged.

4. To remove the USB connector cable, put the operation mode in OFF first and perform the installation steps in reverse.

### How to connect an iPod

E00762102324

1. Park your vehicle in a safe place and put the operation mode in OFF.
2. Connect the connector cable to the iPod.

**NOTE**

- Use a genuine connector cable from Apple Inc.

3. Connect the connector cable to the USB input terminal.
4. To remove the connector cable, put the operation mode in OFF first and perform the installation steps in reverse.

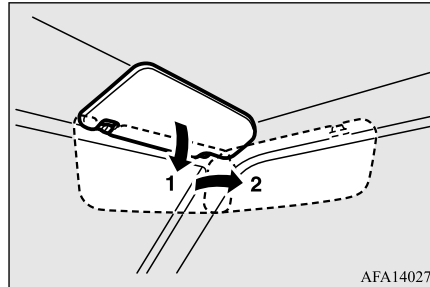
**Types of connectable devices and supported file specifications**

E00762202064

For details about the types of connectable devices and supported file specifications, refer to the separate owner's manual.

**Sun visors**

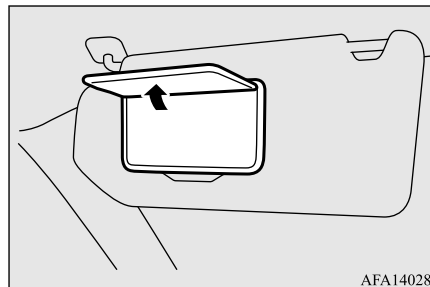
E00711203128



- 1- To eliminate front glare
- 2- To eliminate side glare

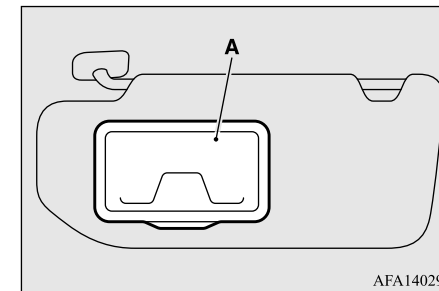
**Vanity mirror\***

A vanity mirror is fitted to the back of the sun visor.



**Ticket holder\***

The holder (A) is located on the back of the sun visor.



**7**

**CAUTION**

- Do not leave plastic cards in the ticket holder. Because the inside of the vehicle will become hot if the vehicle is parked in strong sunlight, the cards could deform or crack.

## Accessory socket

### Accessory socket

E00711603500

#### CAUTION

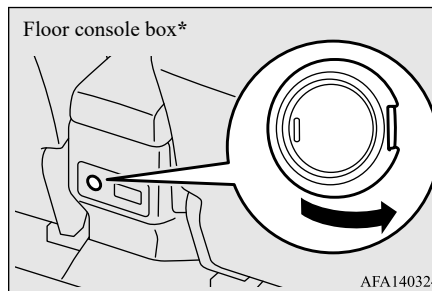
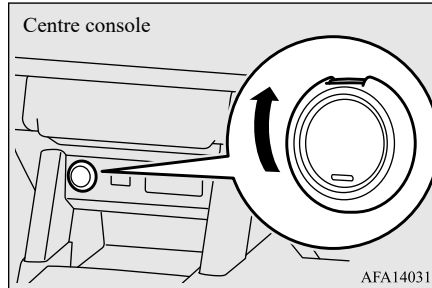
- Be sure to use a “plug-in” type accessory operating at 12 V and at 120 W or less. When using more than one socket at the same time, make sure that the electrical accessories are 12 V accessories and that the total power consumption does not exceed 120 W.
- Long use of the electric appliance without running the engine may run down the battery.
- When the accessory socket is not in use, be sure to close the lid, because the socket might become clogged by foreign material and be short-circuited.

To use a plug-in type accessory, open the lid, and insert the plug in the accessory socket.

#### NOTE

- Accessory sockets in two locations can be used at the same time.

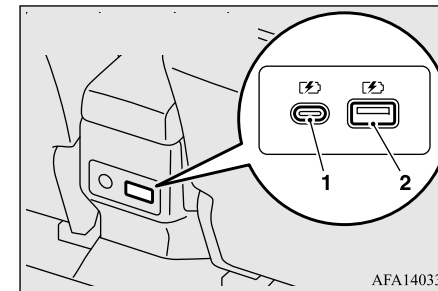
The accessory socket can be used while the ignition switch or the operation mode is in ON.



### USB port for charging\*

E00778300330

The USB port for charging can be used as a power source of the USB appliances when the operation mode is in ON. There are two USB ports for charging located on the back of the floor console box. When using the USB port for charging, connect the USB connector cable to it.



- 1- USB port for charging (Type-C)
- 2- USB port for charging (Type-A)

#### CAUTION

- Insert the USB connector cable in the USB port for charging firmly. If the USB connector cable does not insert in it firmly, it may become extremely hot and the fuses may blow.

**⚠ CAUTION**

- When using USB port for charging (Type-C), be sure that the power consumption of the connected USB device does not exceed 15 W {the peak outlet current or voltage of the USB port for charging (Type-C) is DC 5 V-3 A}.
- When using USB port for charging (Type-A), be sure that the power consumption of the connected USB device does not exceed 12 W {the peak outlet current or voltage of the USB port for charging (Type-A) is DC 5 V-2.4 A}.
- The connected devices or the USB port for charging may be damaged.
- Do not use the reversible USB connector cable that the USB connector board is located in the centre.
- The USB port for charging might be damaged.
- Long use of the electric appliance without running the engine may run down the battery.

**📖 NOTE**

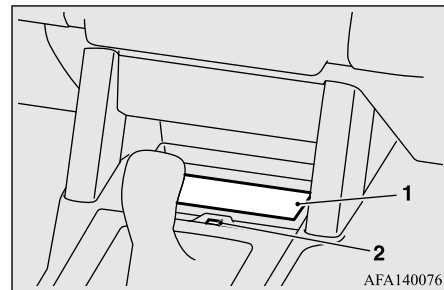
- The USB ports for charging can be used only as a power source. These are not connected to the audio devices of the vehicles.
- Do not charge many mobile devices together by using a multi-plug adapter of the USB port for charging.

**📖 NOTE**

- If water or spill beverages has splashed on the USB ports for charging, stop using it and have the vehicle checked by an authorised MITSUBISHI MOTORS dealer.

**Wireless charger\***  
E00716701124

The wireless charger can be used when the operation mode is in ON. The wireless charger is located on the lower part of the instrument panel. Lay the smartphone on the pad of the wireless charger. Charging will start automatically.



- 1- Wireless charger
- 2- Wireless charger indicator

**⚠ WARNING**

- Never put metallic materials between the wireless charger and a smartphone.
- Those who use a pacemaker or other electro-medical device should contact the manufacturer of the electro-medical device for the possible influences before use.
- Never put cloth over the smartphone during charging process.
- Never charge a smartphone when it is wet.
- Never put metallic materials or small goods such as a cigarette lighter.
- Never put the keyless operation key near the wireless charger.
- Do not put an RFID/NFC card between the wireless charger and a smartphone. This could cause data corruption in the card.
- Do not use the wireless charger with dust accumulated or dirt on the pad.
- Do not hit the surface of the wireless charger.

**📖 NOTE**

- Only a Qi compatible smartphone can be used.

## Interior lamps

### Wireless charger indicator

The indicator will illuminate in orange when the charging process is started.

When the charging has completed, the indicator illuminates in green.

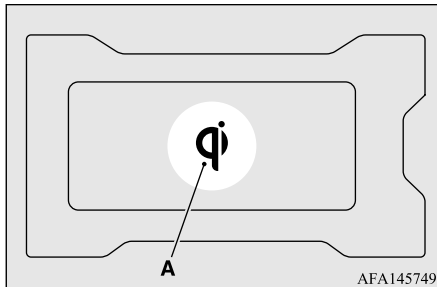
If a malfunction occurs or the charging process has stopped, the indicator will blink in orange.

7

#### NOTE

- Depending on the type of the smartphone, the indicator may remain illuminated in orange even when the charging process has been completed.

### Operation of the wireless charger



1. Turn off the vibration function of the smartphone.

#### NOTE

- Because some smartphone cases or accessories may adversely affect charging, remove them before wireless charging.

2. Place the coil of your smartphone in the charging pad, targeting on the “Qi” logo (A).

#### NOTE

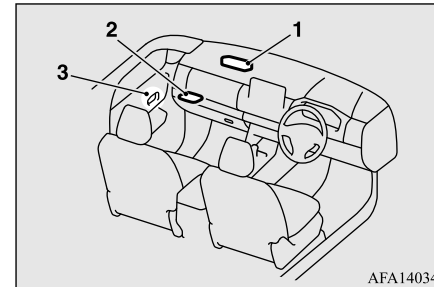
- To use the wireless charger, it is necessary that the coil in the charging pad aligns with the coil in your smartphone. The most efficient area for charging is just on the “Qi” logo (A).
- Because the location of the coil varies depending on the smartphone, you will need to try and find the area that suits your smartphone.
- The smartphone may be warmed during charging process and the charging may stop by the protection function of the wireless charger. This is not a malfunction. If this occurs, restart charging after the smartphone cooled down.
- The wireless charging process may be stopped by the status of the smartphone (battery temperature, etc.).

#### NOTE

- If a radio noise interference occurs during charging process, put the smartphone’s coil position onto the centre (“Qi” logo) position of the wireless charger.
- The wireless charging process will stop during process of searching the keyless operation key.
- The wireless charging process will not be started when a USB connector cable is connected to the smartphone. The indicator may illuminate in orange or blink if the smartphone is put on the wireless charger with a USB connector cable connected. However, charging is not performed.

## Interior lamps

E00712003165



- 1- Front room & map lamps\*
- 2- Rear room lamp
- 3- LED interior illumination (Front door)\*

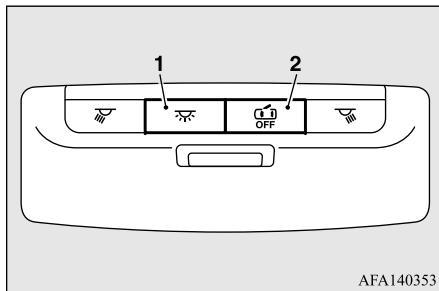
**NOTE**

- If you leave the lamps on without running the engine, you will run down the battery. Before you leave the vehicle, make sure that all the lamps are off.

**Room lamps**

E00712102967

**Front room lamp\***



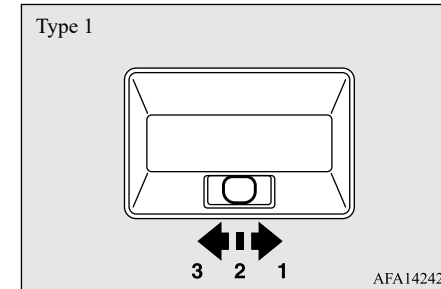
AFA140353

1- Push the switch to turn on the room lamp regardless of the door position.

2- Push the switch to turn off the room lamp when a door is open, and the room lamp will not turn on regardless of the door position. When the switch is not pushed in, the room lamp turns on when the doors are opened. The lamp goes off approximately 20 seconds after the all doors are closed. However, the lamp goes off immediately with all doors closed in the following cases:

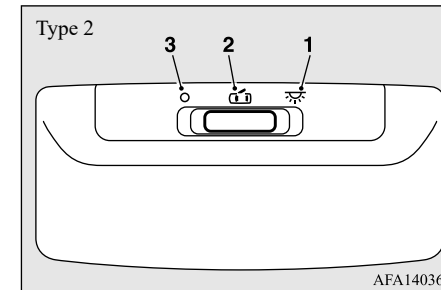
- When the ignition switch is turned to the "ON" position or the operation mode is put in ON.
- When the keyless entry key or the keyless operation key is used to lock the vehicle.
- On vehicles equipped with the keyless operation system, when the keyless operation function is used to lock the vehicle.

**Rear room lamp**



AFA142429

**7**



AFA140366

Position of lamp switch	On/off control
1-ON	The lamp illuminates regardless of whether a door is open or closed.

Interior lamps

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Position of lamp switch	On/off control
2-DOOR	<p><b>Delayed off function</b> The lamp illuminates when a door is opened. It goes off approximately 20 seconds after the all doors are closed. However, the lamp goes off immediately with all doors closed in the following cases:</p> <ul style="list-style-type: none"> <li>● When the ignition switch is turned to the “ON” position or the operation mode is put in ON.</li> <li>● When the keyless entry key or the keyless operation key is used to lock the vehicle.</li> <li>● On vehicles equipped with the keyless operation system, when the keyless operation function is used to lock the vehicle.</li> </ul>
3-OFF	The lamp goes off regardless of whether a door is open or closed.

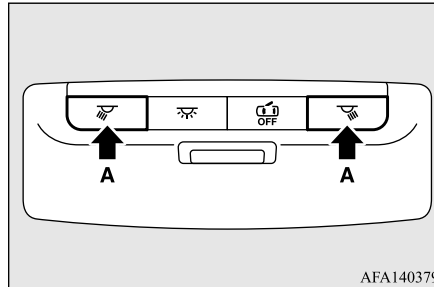
**NOTE**

- When the ignition key is removed or the operation mode is put in OFF while the doors are closed, the lamp illuminates and after approximately 20 seconds it goes off.

**Map lamps\***

E00712401413

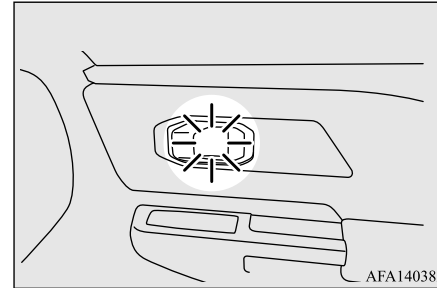
When the front room lamp is turned off, push the switch (A) to turn on the lamp. Push it again to turn it off.



**LED interior illumination (Front door)\***

E00779200121

When the operation mode is set from ON to OFF, the LED interior illumination (Front door) illuminates for several seconds.



**NOTE**

- If the driver's door is opened when the operation mode is in OFF, the illumination will illuminate.

**Interior lamp\* auto-cutout function**

E00712902907

\*: Front room & map lamps (if so equipped), rear room lamp (if so equipped), and LED

interior illumination (Front door) (if so equipped)

If the interior lamp remains on, the lamp will turn off 10 minutes after the ignition switch is turned to the “LOCK” position or the operation mode is put in OFF.

The lamps will illuminate again after they automatically go off if the ignition switch or the engine switch is operated, if one of the doors is opened or closed, or if the keyless entry system or keyless operation system is operated.

**NOTE**

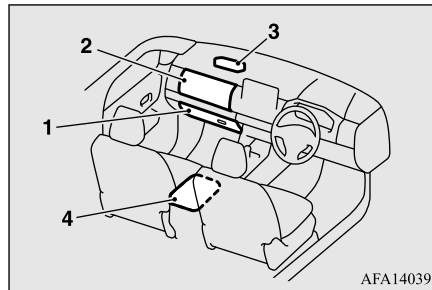
- The interior lamp auto-cutout function can be deactivated. The time until the lamps automatically go off can be adjusted. For details and support, consult your nearest authorised MITSUBISHI MOTORS dealer.

**Storage spaces**

E00713103802

**CAUTION**

- Never leave lighters, canned carbonated beverage, and spectacles in the cabin when parking the vehicle in hot sunshine. The cabin will become extremely hot, so lighters and other flammable items may catch fire and unopened drink cans may rupture. Also, spectacles with plastic lenses or materials could deform or crack.
- Keep the lids of storage spaces closed while driving the vehicle. A lid or the contents of a storage space could otherwise cause injuries.



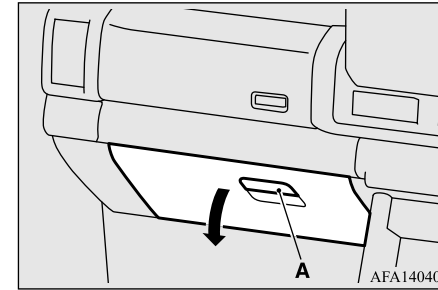
AFA140395

- 1- Glove box
- 2- Upper glove box with lid\*
- 3- Sunglasses holder\*
- 4- Floor console box

**Glove box**

E00717603111

To open, pull the lever (A).



AFA140409

7

**NOTE**

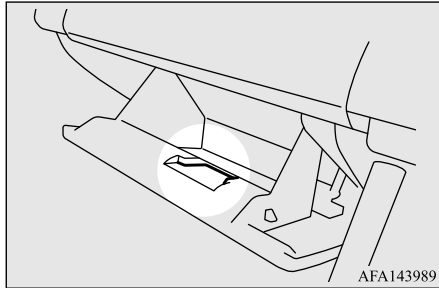
- When the lamps are illuminated with the lamp switch in the “”, “”, or “AUTO” position (vehicles with automatic lamp control), the glove box lamp illuminates. Refer to “Combination headlamps and dipper switch” on page 5-40.

**Card holder**

There is a card holder inside the glove box.



## Storage spaces

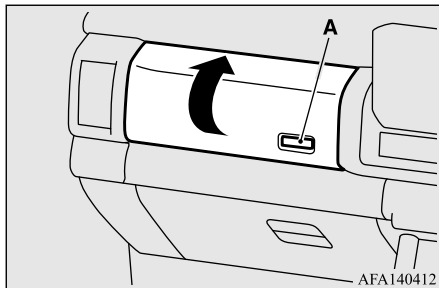


7

### Upper glove box with lid\*

E00726101150

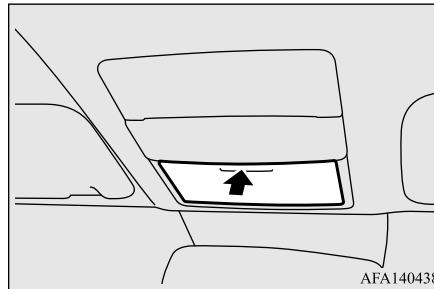
To open, push the button (A).



### Sunglasses holder\*

E00718601550

To open, push the lid.



### CAUTION

- The holder should not be used to store anything heavier than sunglasses. These objects could drop out.

### NOTE

- The holder may not be able to accommodate every possible size and shape of sunglasses; it is advisable to check compatibility before use.

### Floor console box

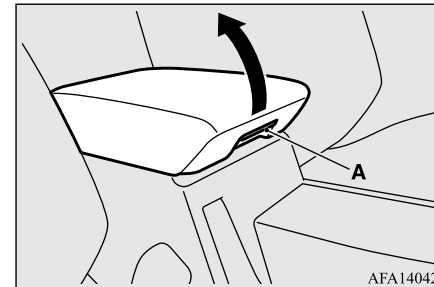
E00723302725

### CAUTION

- Keep the lid of floor console box closed while driving the vehicle. If the brakes are applied suddenly, hands or fingers may be trapped because of closing the lid.

To open the console box, lift the release lever (A) and raise the lid.

The floor console box can also be used as an armrest.



## Cup holder

E00714502776

### ⚠ WARNING

- Do not spray water or spill beverages inside the vehicle. If the switches, wires, or electrical components become wet, they could malfunction or cause a vehicle fire. If you accidentally spill a beverage, wipe up as much liquid as possible and immediately consult an authorised MITSUBISHI MOTORS dealer.

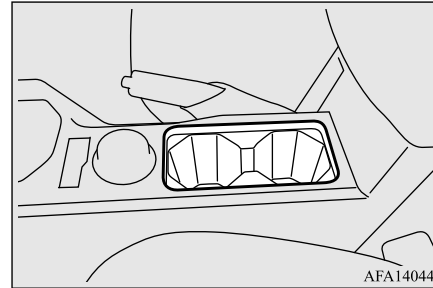
### ⚠ CAUTION

- Do not drink beverages while driving. This is distracting and could cause an accident.

## For the front seat

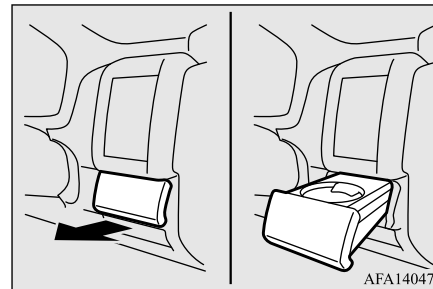
### Floor console

The cup holder is located between the front seats.

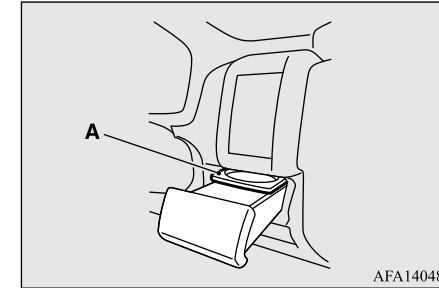


### Instrument panel\*

The cup holders are located under the side ventilators.  
To use the cup holder, pull it out.



The cup holder can be used as a tray by storing only the upper ring (A) of the cup holder.



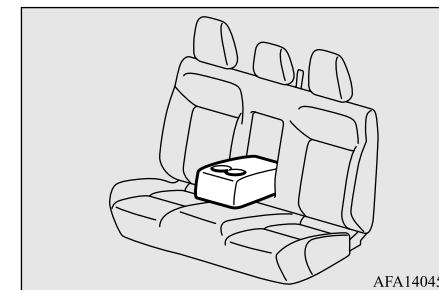
### 📖 NOTE

- When not using the holder, push the holder to stow it away.

## For the rear seat (Double cab)

E00716901852

In order to use the cup holder, allow the armrest to drop down.



7

## Bottle holder

### Bottle holder

E00718201787

#### WARNING

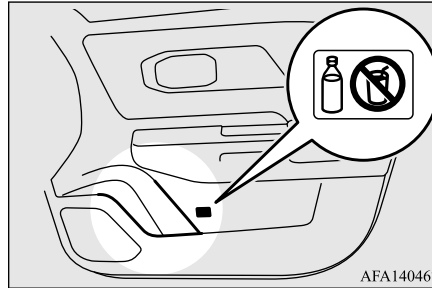
- Do not spray water or spill beverages inside the vehicle. If the switches, wires, or electrical components become wet, they could malfunction or cause a vehicle fire. If you accidentally spill a beverage, wipe up as much liquid as possible and immediately consult an authorised MITSUBISHI MOTORS dealer.

7

#### CAUTION

- Do not drink beverages while driving. This is distracting and could cause an accident.
- Drinks could be spilled by the vibration and jolts while driving. If the spilt drink is very hot, you could be burnt.

The bottle holders are provided at both sides of front and rear doors (if so equipped).



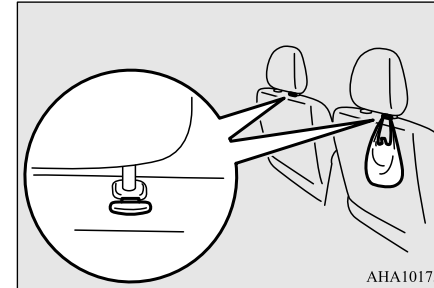
#### NOTE

- Do not store cup or drink can in the bottle holder.
- Tightly close the cap on drink bottles before storing them.
- Some bottles may be too big or the wrong shape to fit in the holder.

### Convenient hook\*

E00732901502

Light items of luggage can be hung from the hook.



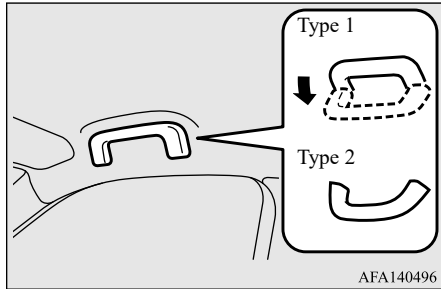
#### NOTE

- Do not hang heavy luggage (more than approximately 4 kg) on the hook. Doing so could cause damage to the hook.

### Assist grip

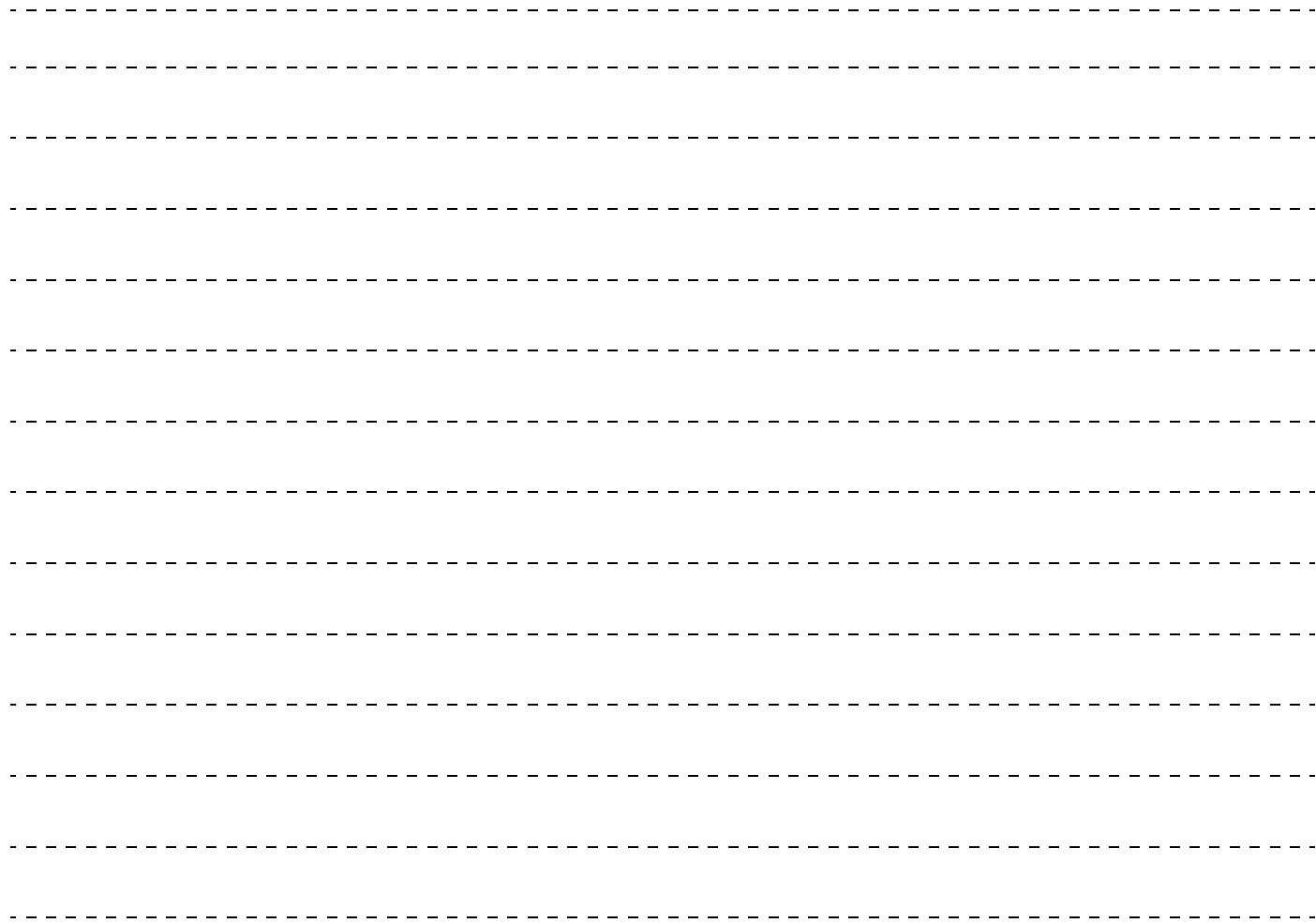
E00732801657

The assist grips (located above the doors on the headliner) are not designed to support body weight. They are intended for use only while seated in the vehicle.



**⚠ CAUTION**

- Do not use the assist grips when getting into or out of the vehicle. The assist grips could detach causing you to fall.



## *For emergencies*

Emergency call system (e-CALL)* .....	8-2
If the vehicle breaks down .....	8-3
If the operation mode cannot be changed to OFF (vehicles equipped with the keyless operation system) .....	8-3
Emergency starting .....	8-3
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Removal of water from the fuel filter .....	8-7
Tools, jack and jack handle .....	8-8
How to change a tyre .....	8-12
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## Emergency call system (e-CALL)\*

### Emergency call system (e-CALL)\*

E00805100063

### Emergency support

MITSUBISHI CONNECT provide various services to support dealing with emergencies of the subscribed vehicle and the driver.

For example, in case of an illness or serious injury, you can seek support by pressing the in-vehicle SOS button and connecting to the Mitsubishi Connect Call Center. The Mitsubishi Connect Call Center can specify the location of the vehicle via GPS, and the information will be sent to the police or other agencies as needed.

For information about other MITSUBISHI CONNECT emergency support related services, contact the Mitsubishi Connect Call Center at 66-2-079-9500, or refer to the MITSUBISHI CONNECT website <https://www.mitsubishi-motors.com/en/products/connect/index.html>.

#### **⚠ WARNING**

- Please note that the Automatic Collision Notification service and Emergency Call function cannot be used in the following conditions:

8

8-2 For emergencies

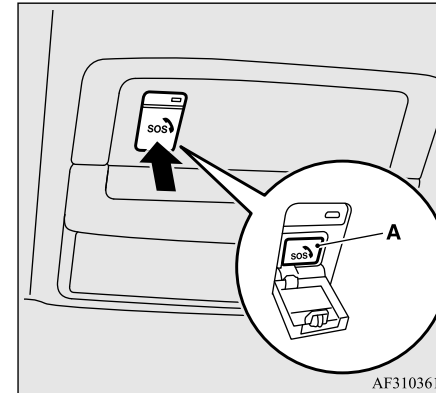
#### **⚠ WARNING**

- Emergency functions and services will not be available without a paid subscription to MITSUBISHI CONNECT.
- The MITSUBISHI CONNECT network system is disabled.
- The vehicle moves outside the service area where the Telematics Control Unit (TCU) is connected to the system.
- The vehicle is outside the area where the cellular network service is receivable.
- The vehicle is in a location with poor signal reception such as tunnels, underground parking garages, behind buildings or in mountainous areas.
- The line is busy.
- The TCU or other systems of your vehicle are not working properly.
- It may not be possible to make an emergency call depending on the severity of a collision and/or emergency.
- Park the vehicle in a safe location and set the parking brake before operating the SOS switch.
- Only use this service in case of an emergency. There may be a penalty for inappropriate use of the service.
- Radio waves could adversely affect electric medical equipment. Individuals who use a pacemaker should contact the device manufacturer regarding any possible effects before using the system.

#### **⚠ WARNING**

- The TCU antenna is installed inside the upper central part of the instrument panel. An occupant should not get any closer to the antenna than specified by the pacemaker manufacturer. The radio waves from the TCU antenna may adversely affect the operation of the pacemaker.

### Making an emergency call



The SOS button (A) is located near the map lamp.

1. Push the cover to expose the SOS button.
2. Press the SOS button to make an emergency call.

- When the line is connected, speak to the Call Center agent.

If you want to cancel the emergency call, press and hold the SOS button for a few seconds.

#### NOTE

- After the SOS button is pressed, it may take some time until the system initiates connection, depending on the technical environment and whether the TCU is being used by other services.
- An indicator lamp on the SOS button shows the readiness of the emergency support system. If the indicator lamp is not illuminated, pressing the SOS button does not connect your vehicle to the Mitsubishi Connect Call Center.  
The indicator lamp blinks while connected to the Mitsubishi Connect Call Center.
- Even when the indicator lamp is illuminated, connection to the Mitsubishi Connect Call Center may not be possible. If this occurs in an emergency situation, contact the authorities by other means.
- To avoid disconnecting the line, keep the engine running during an emergency call, if it is safe to do so.

### If the vehicle breaks down

E00800102567

If the vehicle breaks down on the road, move it to the shoulder and use the hazard warning flashers and/or the warning triangle etc. Refer to “Hazard warning flasher switch” on page 5-45.

### If the engine stops/fails

Vehicle operation and control are affected if the engine stops. Before moving the vehicle to a safe area, be aware of the following:

- The brake booster becomes inoperative and the pedal effort will increase. Press down the brake pedal harder than usual.
- For vehicles with hydraulic power steering, since the power steering system is no longer operative, the steering wheel feels heavy when turning it.

### If the operation mode cannot be changed to OFF (vehicles equipped with the keyless operation system)

E00804900051

If the operation mode cannot be changed to OFF, perform the following procedure.

If the vehicle breaks down

- Move the selector lever to the “P” (PARK) position, and then change the operation mode to OFF. (For vehicles with A/T)
- One of the other causes could be low battery voltage. If this occurs, the keyless entry system, keyless operation function, and steering lock will also not operate. Contact an authorised MITSUBISHI MOTORS dealer.

### Emergency starting

E00800505012

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If the engine cannot be started because the battery is weak or dead, the battery from another vehicle can be used with jumper cables to start the engine.

#### WARNING

- To start the engine using jumper cables from another vehicle, perform the correct procedures according to the instruction below. Incorrect procedures could result in a fire or explosion or damage to the vehicles.
- Keep sparks, cigarettes and flames away from the battery because the battery may produce an explosion.



## Emergency starting

8

### **CAUTION**

- Do not attempt to start the engine by pulling or pushing the vehicle. It could damage your vehicle.
- Check the other vehicle. It must have a 12-volt battery. If the other system isn't 12-volt, shorting can damage both vehicles.
- Use the proper cables suitable for the battery size to prevent overheating of the cables.
- Check the jumper cables for damage and corrosion before use.
- Always wear protective eye goggles when working near the battery.
- Keep the battery out of the reach of children.

1. Get the vehicles close enough so the jumper cables can reach, but be sure the vehicles aren't touching each other.
2. Turn off all lamps, heater and other electrical loads.
3. Set the parking brake firmly on each vehicle. Put an A/T in "P" (PARK) or an M/T in "N" (Neutral). Stop the engine.

### **WARNING**

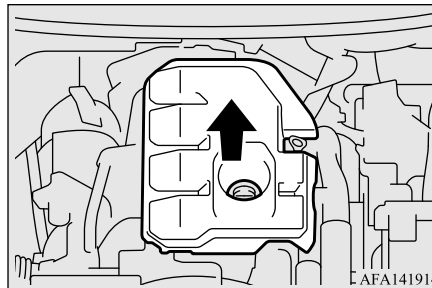
- Turn off the ignition on both vehicles beforehand. Make sure that the cables or your clothes cannot be caught by the fan or drive belt. Personal injury could result.

4. Make sure battery electrolyte is at the proper level. Refer to "Battery" on page 10-10.

### **WARNING**

- If electrolyte fluid is not visible, or appears to be frozen, Do Not Attempt Jump Starting! A battery might rupture or explode if the temperature is below the freezing point or if it is not filled to the proper level.
- Electrolyte is corrosive diluted sulphuric acid. If electrolyte (battery acid) comes into contact with your hands, eyes, clothes or the painted surface of your vehicle, it should be thoroughly flushed with water. If electrolyte gets in your eyes, flush them with water immediately and thoroughly, and get prompt medical attention.

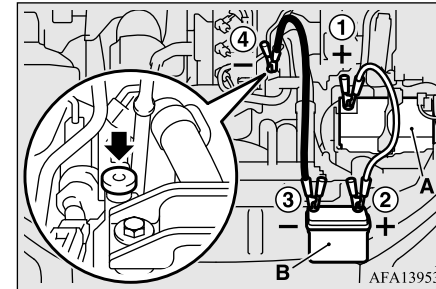
5. Remove the engine cover.



6. Connect one end of one jumper cable ① to the positive (+) terminal of the discharged battery (A), and the other end ② to the positive (+) terminal of the booster battery (B). Connect one end of the other jumper cable ③ to the negative (-) terminal of the booster battery (B), and the other end ④ to the engine block of the vehicle with the discharged battery at the point farthest from the battery.

### **NOTE**

- Open the terminal cover before connecting the jumper cable to the positive (+) terminal of the battery. Refer to "Battery" on page 10-10.



**⚠ WARNING**

- Make sure that the connection ④ is made to the appointed position (shown in the illustration). If the connection is made directly to the negative (-) side of the battery, the inflammable gases generated from the battery might catch fire and explode.
- When connecting the jumper cables, do not connect the positive (+) cable to the negative (-) terminal. Otherwise sparks might cause explosion of the battery.

**⚠ CAUTION**

- Use care not to get the jumper cable caught in the cooling fan or other rotating part in the engine compartment.

7. Start the engine in the vehicle which has the booster battery, let the engine idle a few minutes, then start the engine in the vehicle with the discharged battery.

**⚠ CAUTION**

- Keep the engine of the vehicle giving assistance running.

**📖 NOTE**

- Press the Auto Stop & Go (AS&G) OFF switch to deactivate the AS&G system and prevent the engine from automatically stopping before the battery is sufficiently charged. Refer to “To deactivate” on page 6-27.

8. After the engine is started, disconnect the cables in the reverse order and keep the engine running for several minutes.

**📖 NOTE**

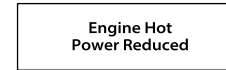
- If the vehicle is put in motion without fully charging the battery, it might cause the loss of the smooth engine operation and brake warning lamp, ABS warning lamp and ASTC warning lamp to illuminate. Refer to “Anti-lock Brake System (ABS)” on page 6-66.


### Engine overheating

E00800604713

When the engine is overheating, the warning will be displayed in the instrument cluster as follows.

- The information screen in the multi-information display will be interrupted and an “Engine Hot Power Reduced” warning will appear. (Colour liquid crystal display type)



- “” will blink. (Mono-colour liquid crystal display type)

If this occurs, take the following corrective measures:

**8**

1. Stop the vehicle in a safe place.
2. Check whether steam is coming from the engine compartment.

[If steam does not come from the engine compartment]

With the engine still running, raise the bonnet to ventilate the engine compartment.

**📖 NOTE**

- Press the Auto Stop & Go (AS&G) OFF switch to deactivate the AS&G system before stopping the vehicle. Refer to “To deactivate” on page 6-27.

## Engine overheating

[If steam is coming from the engine compartment]

Stop the engine, and when the steam stops, raise the bonnet to ventilate the engine compartment. Restart the engine.

### **! WARNING**

- Do not open the bonnet while steam is coming from the engine compartment. It could cause steam or hot water to spurt out, causing burns. Hot water could spurt out even when there is no steam coming out, and some parts will be very hot. Be very careful when opening the bonnet.
- On vehicles with the reserve tank cap, be careful of hot steam, which could be blowing off the reserve tank cap.
- On vehicles with the radiator cap, do not attempt to remove the radiator cap while the engine is hot.

8

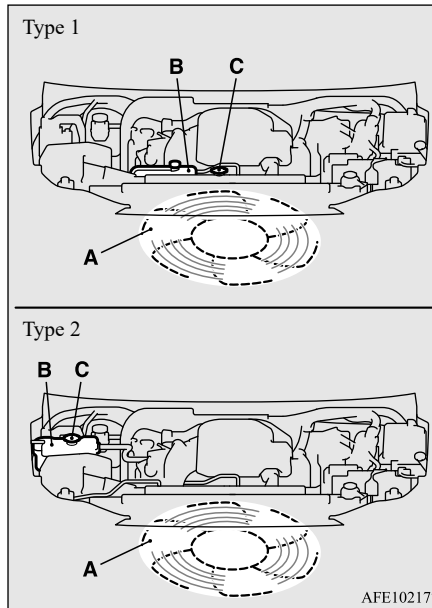
3. Confirm that the cooling fan (A) is turning.

[If the cooling fan is turning]

After the high coolant temperature warning has gone off, stop the engine.

[If the cooling fan is not turning]

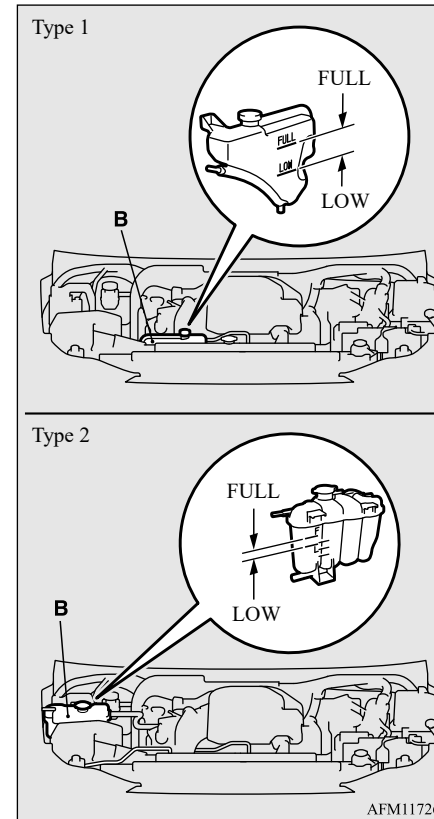
Stop the engine immediately and contact an authorised MITSUBISHI MOTORS dealer for assistance.



### **! WARNING**

- Be careful not to get your hands or clothes caught in the cooling fan.

4. Check the coolant level in the reserve tank (B).



5. Add coolant to the radiator and/or reserve tank if necessary (refer to the "Maintenance" section).

## ⚠ WARNING

- Make sure that the engine has cooled down before removing the radiator cap (C), because hot steam or boiling water otherwise will gush from the filler port and may scald you.

## ⚠ CAUTION

- Do not add coolant while the engine is hot. Suddenly adding cold coolant could damage the engine. Wait for the engine to cool down, then add coolant a little at a time.

6. Examine the radiator hoses for coolant leakage and the drive belt for looseness or damage.

If there is anything wrong with the cooling system or drive belt, have the problem corrected at an authorised MITSUBISHI MOTORS dealer.

## Removal of water from the fuel filter

E00800801730

If the fuel filter indicator lamp in the instrument cluster illuminates or the fuel filter indicator display on the information screen in the multi-information display appears during driving, it indicates that water has accumu-

lated in the fuel filter. If this occurs, remove the water as described below.

Indicator lamp (mono-colour liquid crystal display)



Indicator display (colour liquid crystal display)

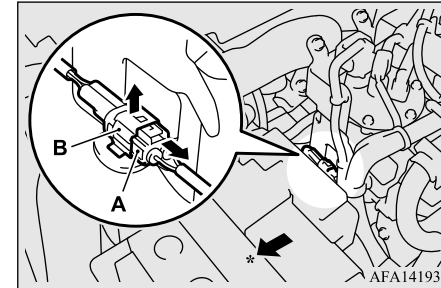


If the fuel filter indicator illuminates or is indicated, it is recommended to have the water removed at your nearest authorised MITSUBISHI MOTORS dealer.

If you choose to remove the water yourself, perform the following procedure.

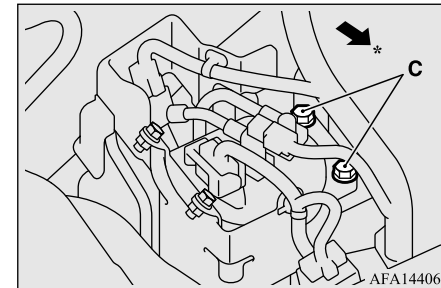
1. Detach the connector (A), and remove the connector (B) from the fuel filter bracket.

## Removal of water from the fuel filter



\*: Front of the vehicle

2. To create enough workspace, loosen the bolts (C) of the fuel filter.

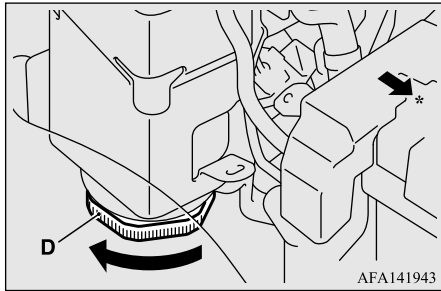


\*: Front of the vehicle

3. Turn the drain port about three to three and a half times to loosen it, and drain the water.

8

## Tools, jack and jack handle



\*: Front of the vehicle

**8**

### 4. [Vehicles equipped with the mono-colour liquid crystal display]

Check to be sure that the fuel filter indicator lamp illuminates when the ignition switch is turned to “ON”, and that it goes off when the engine is started.

[Vehicles equipped with the colour liquid crystal display]

Check to be sure that the fuel filter indicator display does not appear when the operation mode is put in ON.

If in doubt, consult your nearest authorised MITSUBISHI MOTORS dealer.

### **CAUTION**

- Do not smoke or have any other open flame near the vehicle while bleeding the fuel system.

### **CAUTION**

- Be sure to carefully clean away any water drained out because any fuel mixed with the water could ignite and cause a fire.

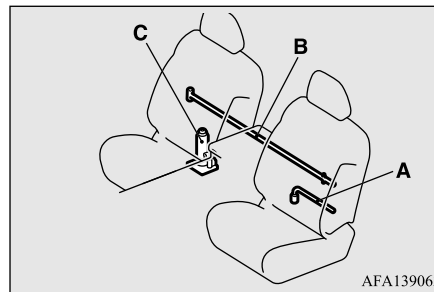
## Tools, jack and jack handle

E00800903168

### Storage

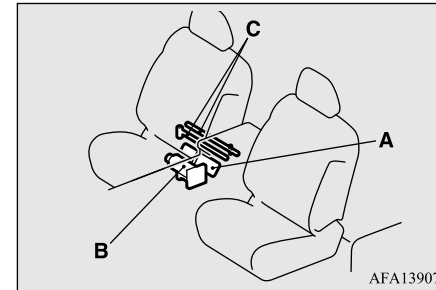
The storage location of the tools, jack and jack handle should be remembered in case of an emergency.

### Single cab



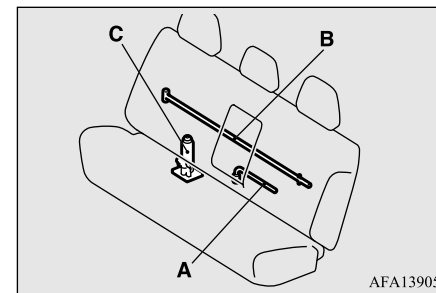
- A- Tool (wheel nut wrench)
- B- Jack handle
- C- Jack

### Club cab



- A- Tools
- B- Jack
- C- Jack handle

### Double cab

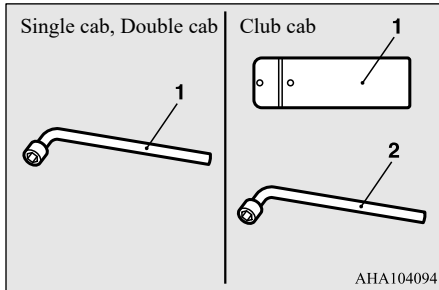


- A- Tool (wheel nut wrench)
- B- Jack handle

C- Jack

**Tools**

E00801902315



AHA104094

**Single cab, Double cab**

- 1- Wheel nut wrench

**Club cab**

- 1- Tool bag
- 2- Wheel nut wrench

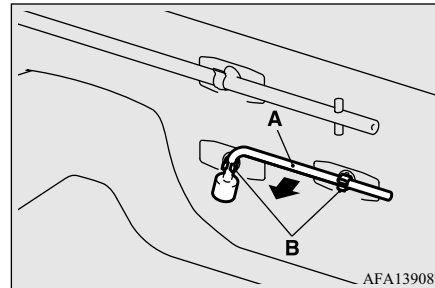
**Removing and storing the tools, jack and jack handle**

E00802301641

**Single cab**

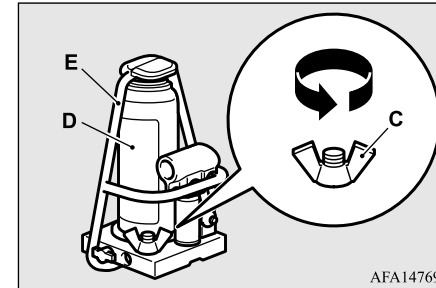
The tools, jack, and jack handle are located behind the seat.

1. Tip forward the seatback. Refer to "Front seats" on page 4-2.
2. Remove the wheel nut wrench (A) from the holder (B), and take out the wrench.



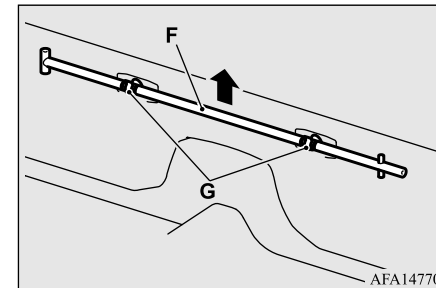
AFA139089

3. Turn the securing nut (C) anticlockwise to remove it. Remove the jack (D), then remove the securing band (E) from the jack (D).



AFA147697

4. Remove the jack handle (F) from the holder (G), and take out the handle.



AFA147701

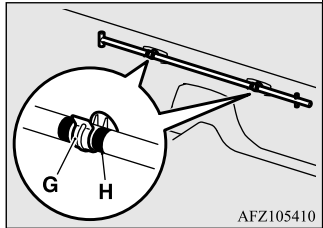
5. Reverse the removing procedure when storing the tools, jack and jack handle.

**8**

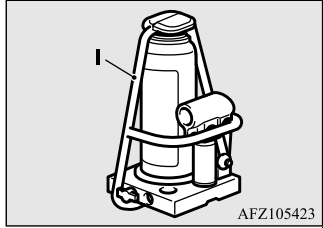
## Tools, jack and jack handle

### NOTE

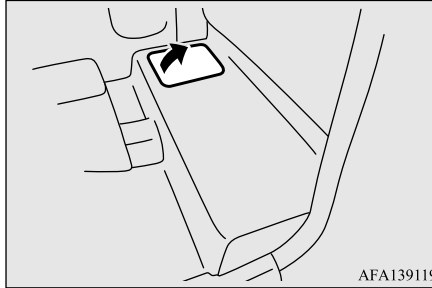
- When stowing the jack handle, align the black-marked part (H) of the jack handle with the holder (G).



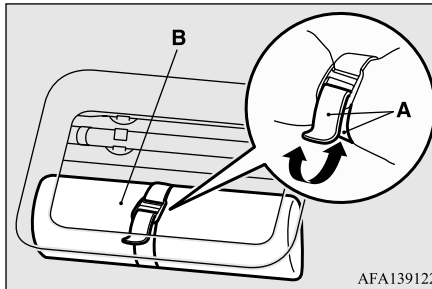
- Install the securing band (I) as shown in the illustration.



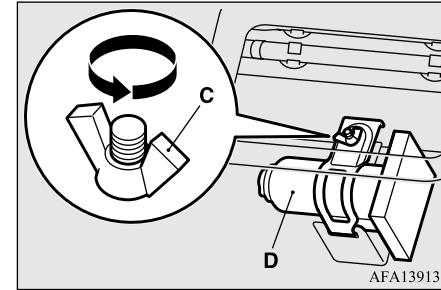
2. Open the lid.



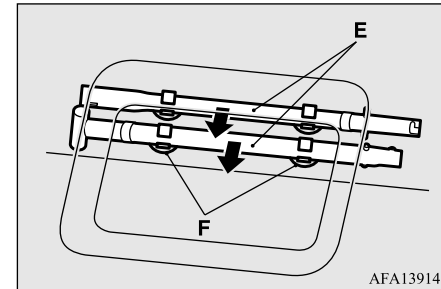
3. Remove the securing band (A), and then take out the tool bag (B).



4. Remove the securing nut (C), and then take out the jack (D).



5. Remove the jack handle (E) from the holder (F), and then take out the jack handle.



6. Reverse the removing procedure when storing the tool bag, jack and jack handle.

8

## Club cab

The tools, jack, and jack handle are stored under the floor behind the driver's seat.

1. Open the rear door.  
Refer to "To open or close the rear door (Club cab)" on page 3-14.

8-10 For emergencies

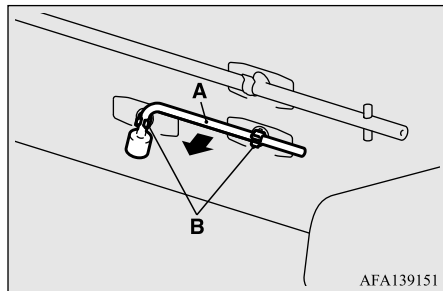
**NOTE**

- When stowing the jack handle, align the coloured marking on the jack handle with that on the holder, and fit the jack in the holder.

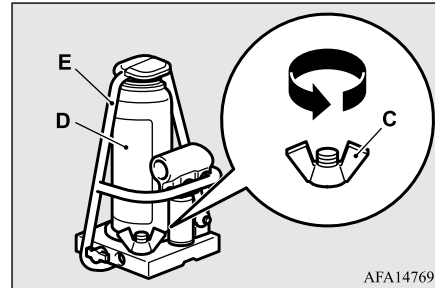
### Double cab

The tools, jack, and jack handle are located behind the rear seat.

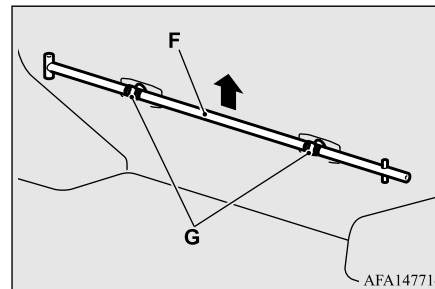
1. Tip forward the seatback of the rear seat. Refer to “Folding the seatback forward” on page 4-3.
2. Remove the wheel nut wrench (A) from the holder (B), and take out the wrench.



3. Turn the securing nut (C) anticlockwise to remove it. Remove the jack (D), then remove the securing band (E) from the jack (D).



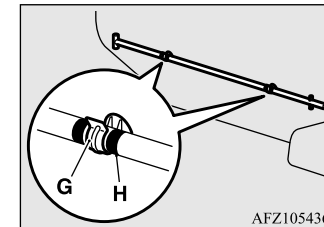
4. Remove the jack handle (F) from the holder (G), and take out the handle.



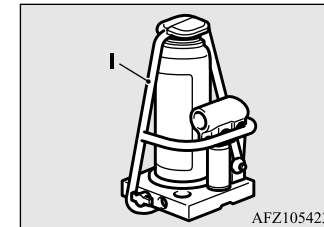
5. Reverse the removing procedure when storing the tools, jack and jack handle.

**NOTE**

- When stowing the jack handle, align the black-marked part (H) of the jack handle with the holder (G).



- Install the securing band (I) as shown in the illustration.

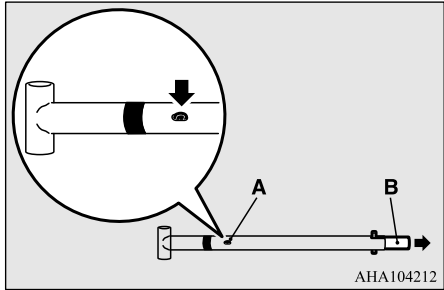


### To use the jack handle (Club cab)

1. While pressing the snap pin (A) on the handle that has a black marking, withdraw and remove the inner handle (B).

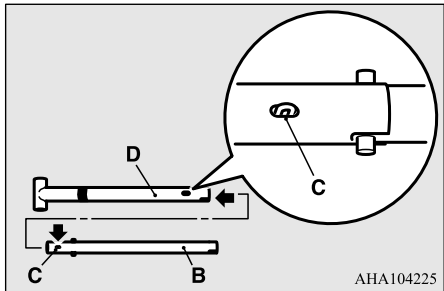


## How to change a tyre

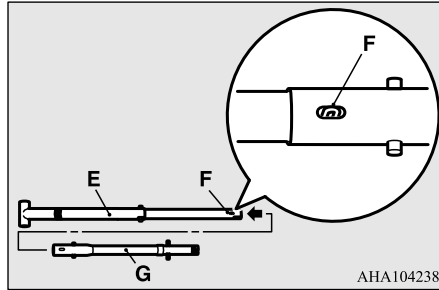


8

- Reverse the inner handle (B) then, while pressing the snap pin (C), insert it into the outer handle (D) until it is locked by snap pin as illustrated.



- While pressing the snap pin (F) on the assembled handle (E), insert the white-marked handle (G) until it is locked by snap pin as illustrated.



## How to change a tyre

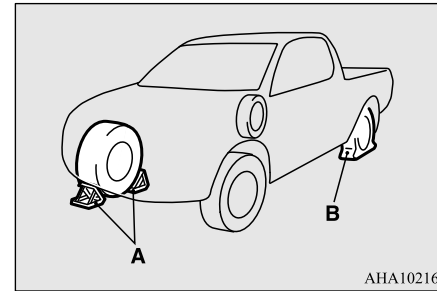
E00801204468

Before changing a tyre, first stop your vehicle in a safe, flat location.

- Park the vehicle on level and stable ground, free of loose pebbles, etc.
- Set the parking brake firmly.
- On vehicles with M/T, turn the ignition switch to the “LOCK” position or put the operation mode in OFF, and move the gearshift lever to the “R” (Reverse) position.

On vehicles with A/T, move the selector lever to the “P” (PARK) position, and turn the ignition switch to the “LOCK” position or put the operation mode in OFF.

- Turn on the hazard warning flashers and set up a warning triangle, flashing signal lamp, etc., at an adequate distance from the vehicle, and have all your passengers leave the vehicle.
- To prevent the vehicle from rolling when jacking up the vehicle, place chocks or blocks (A) at the tyre that is diagonally opposite from the tyre (B) you are changing.



## WARNING

- Be sure to apply chocks or blocks to the correct tyre when jacking up the vehicle. If the vehicle moves while jacked up, the jack could slip out of position, leading to an accident.

**NOTE**

- The chocks shown in the illustration do not come with your vehicle. It is recommended that you keep ones in the vehicle for use if needed.
- If chocks are not available, use stones or any other objects that are large enough to hold the wheel in position.

6. Get the jack, jack handle and wheel nut wrench ready.  
Refer to “Tools, jack and jack handle” on page 8-8.

### Spare wheel information

E00803602286

The spare wheel is stored under the floor of the cargo bed.

Check the air pressure of the spare tyre frequently and make sure it is ready for emergency use at any time.

Maintaining the spare wheel at the highest specified air pressure will ensure that it can always be used under any conditions (city/high-speed driving, varying load weight, etc.).

**CAUTION**

- The pressure should be periodically checked and maintained at the specified pressure while the tyre is stowed. Driving with an insufficient tyre pressure can lead to an accident. If you have no choice but to drive with an insufficient tyre pressure, keep your speed down and inflate the tyre to the correct pressure as soon as possible. Refer to “Tyre inflation pressures” on page 10-12.

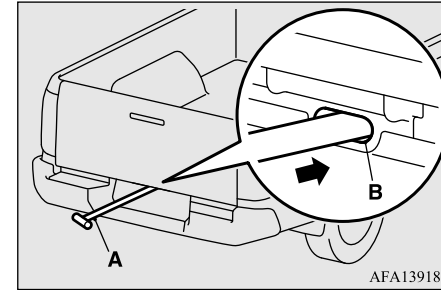
### To remove the spare wheel

E00803502038

**CAUTION**

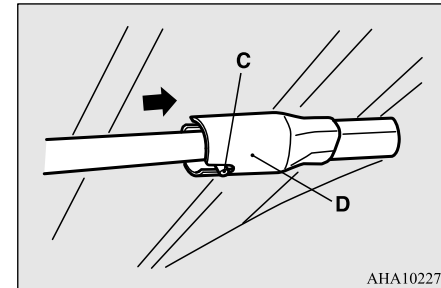
- When removing the spare wheel, put on gloves. Removing the spare wheel with your bare hands may cause injury to the fingers.

1. Set the jack handle. (Club cab)  
Refer to “To use the jack handle (Club cab)” on page 8-11.
2. Insert the jack handle (A) in the hole (B) below the rear gate.



AFA139180

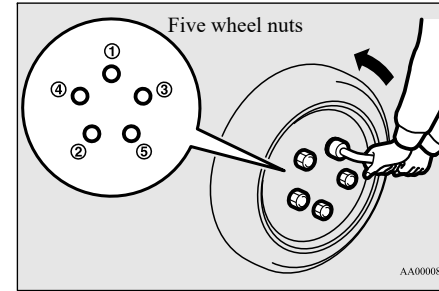
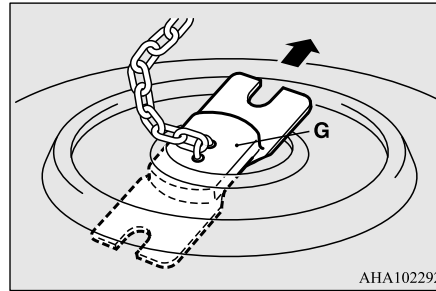
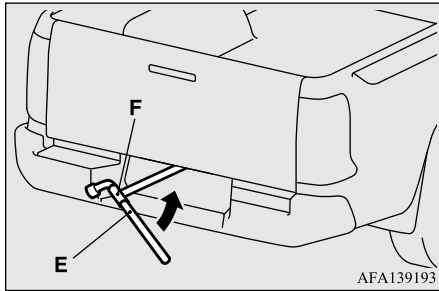
3. Securely insert the pin (C) on the jack handle into the holder (D) of the spare wheel carrier.



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4. Insert the wheel nut wrench (E) through the end of the jack handle hole (F), and then turn it anticlockwise to lower the spare wheel completely to the ground and to slack the chain.

## How to change a tyre



8

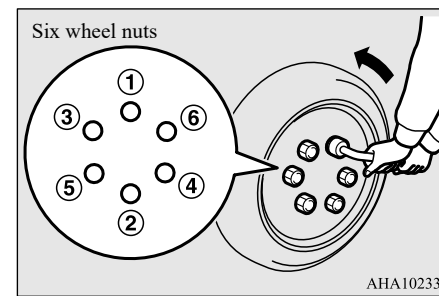
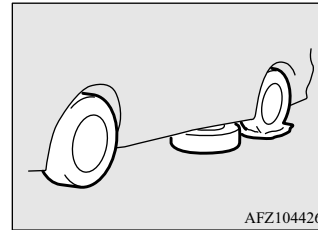
### ⚠ CAUTION

- When removing the spare wheel, please observe the followings.  
If you do not follow them, it could result in break the spare wheel carrier.
- Do not use the power tool. Use the wheel nut wrench stowed on the vehicle.
- Do not apply a force of 400 N or more at the end of the wheel nut wrench.

5. Remove the hanger disc (G) from the spare wheel.

### 📖 NOTE

- Put the spare wheel under the vehicle body near the flat tyre. This makes it safer if the jack slips out of position.

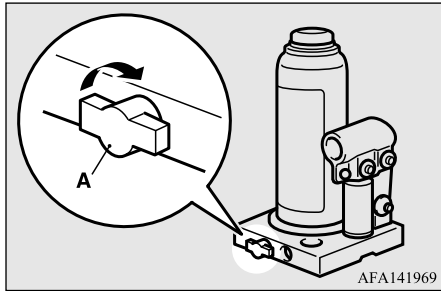


2. Using the jack handle, turn the release valve (A) clockwise until it stops.

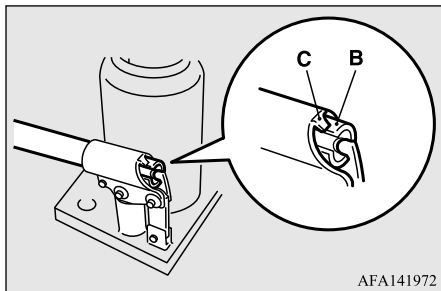
## To change a tyre

E00803203120

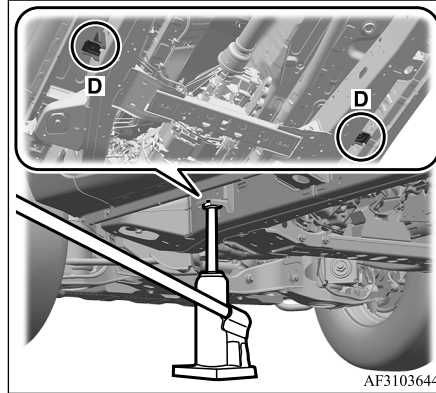
1. Loosen the wheel nuts a quarter turn with the wheel nut wrench. Do not remove the wheel nuts yet.



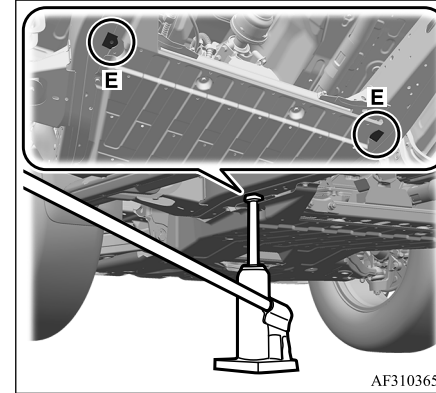
3. Insert the jack handle in the bracket of the jack and hook the notch (B) on the jack handle end to the claw (C) of the bracket.



4. Place the jack under one of the jacking points shown in the illustration. Use the jacking point closest to the tyre you wish to change.



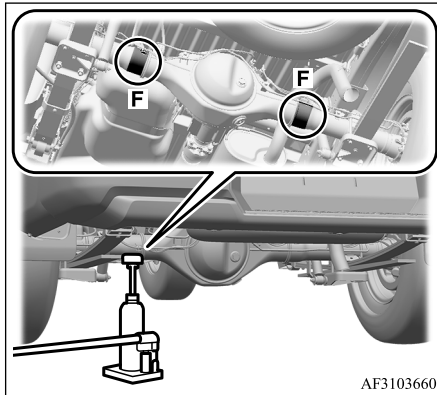
D- Front jacking point (vehicles for Low-Rider)



E- Front jacking point (vehicles for Hi-Rider)

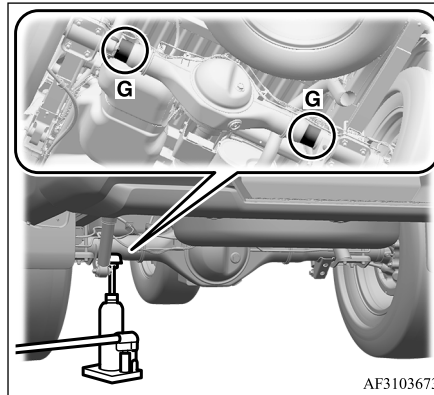
## How to change a tyre

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F- Rear jacking point (vehicles for Low-Rider)



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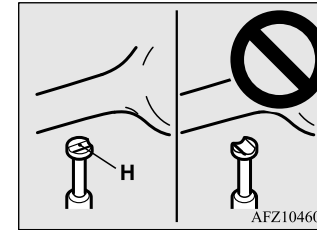
G- Rear jacking point (vehicles for Hi-Rider)

### ⚠ WARNING

- Set the jack only at the positions shown here. If the jack is set at a wrong position, it could dent your vehicle or the jack might fall over and cause personal injury.
- Do not use the jack on a tilted or soft surface. Otherwise, the jack might slip and cause personal injury. Always use the jack on a flat, hard surface. Before setting the jack, make sure there are no sand or pebbles under the jack base.

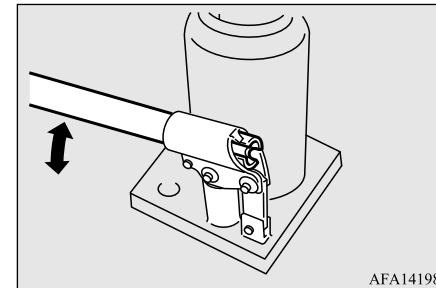
### NOTE

- When jacking up the rear of the vehicle, turn the tip of the jack so that the grooved portion (H) properly meets the designated point.



AFZ104602

5. Move the jack handle up and down to raise the ram until just before the jack contacts the jacking point of the vehicle. Ensure that the jack will properly contact the vehicle jacking point. Move the jack handle up and down to raise the vehicle.



AFA141985

**⚠ WARNING**

- Stop jacking up the vehicle as soon as the tyre is raised off the ground. It is dangerous to raise the vehicle any higher.
- Do not get under your vehicle while using the jack.
- Do not bump the raised vehicle or leave it sitting on the jack for a long time. Both are very dangerous.
- Do not use a jack except the one that came with your vehicle.
- The jack should not be used for any purpose other than to change a tyre.
- No one should be in your vehicle when using the jack.
- Do not start or run the engine while your vehicle is on the jack.
- Do not turn the raised wheel. The tyres still on the ground could turn and make your vehicle fall off the jack.

**📖 NOTE**

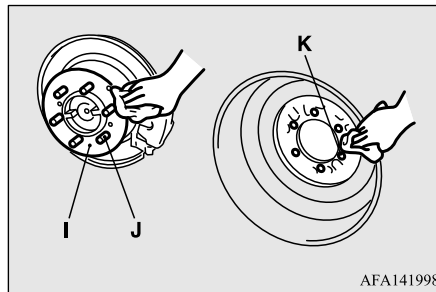
- This jack is a two stage expansion type.

6. Remove the wheel nuts with the wheel nut wrench, then take the wheel off.

**⚠ CAUTION**

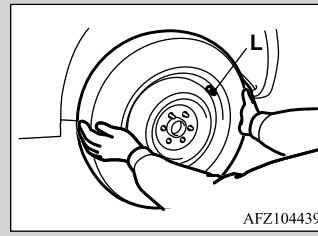
- Handle the wheel carefully when changing the tyre, to avoid scratching the wheel surface.

7. Clean out any mud, etc. on the hub surface (I), hub bolts (J) or in the installation holes (K) in the wheel, and then mount the spare wheel.



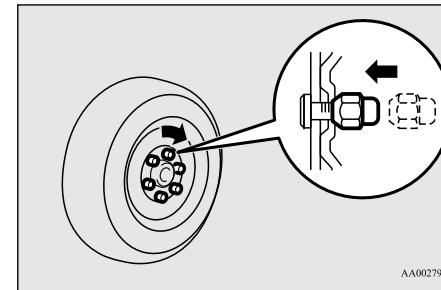
**⚠ WARNING**

- Mount the spare wheel with the valve stem (L) facing outboard. If you cannot see the valve stem (L), you have installed the wheel backwards. Operating the vehicle with the spare wheel installed backwards can cause vehicle damage and result in an accident.



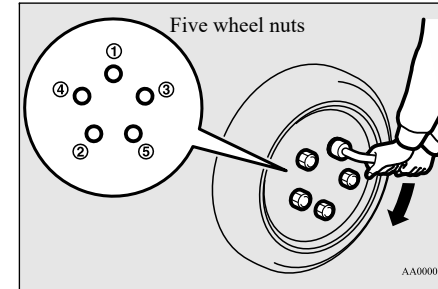
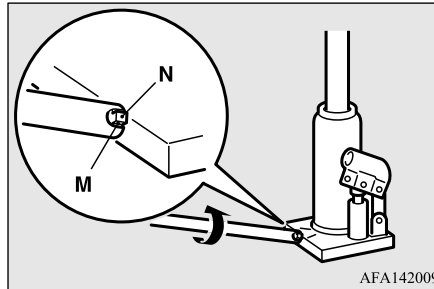
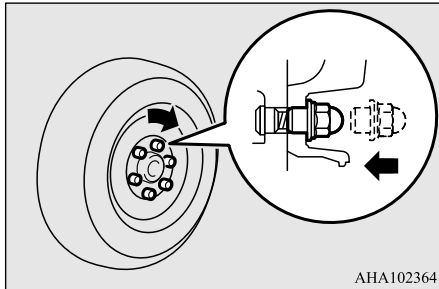
8. Turn the wheel nuts clockwise by hand to initially tighten them.

**[Type 1: On vehicles with steel wheels]**  
Temporarily tighten the wheel nuts by hand until the tapered parts of the wheel nuts make light contact with the seats of the wheel holes and the wheel is not loose.



**[Type 2: On vehicles with aluminium wheels]**  
Temporarily tighten the wheel nuts by hand until the flange parts of the wheel nuts make light contact with the wheel and the wheel is not loose.

## How to change a tyre



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### ⚠ CAUTION

- Never apply oil to either the wheel bolts or the nuts or they will tighten too much.

### 📖 NOTE

- If all four aluminium wheels are changed to steel wheels. e. g. when fitting winter tyres, use tapered nuts.

9. Put the notch (M) provided on the jack handle end on the valve (N) of the jack. Using the jack handle, turn the release valve anticlockwise slowly to lower the vehicle until the tyre touches the ground.

### ⚠ WARNING

- Be sure to open the release valve slowly. If it is opened quickly, the vehicle will drop abruptly and the jack may come out of position, causing a serious accident.

10. Tighten the nuts crisscross in 2 or 3 steps until each nut has been tightened securely.

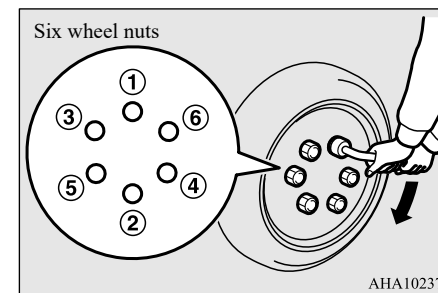
#### Tightening torque

Steel wheel: 137 to 157 N•m

Aluminium wheel: 118 to 137 N•m  
(Achieved by applying a force at the end of the wheel nut wrench supplied with the vehicle.)

Steel wheel: 510 to 580 N

Aluminium wheel: 440 to 500 N)



### ⚠ CAUTION

- Never use your foot or a pipe extension for extra force in the wheel nut wrench. If you do so, you will tighten the nut too much.

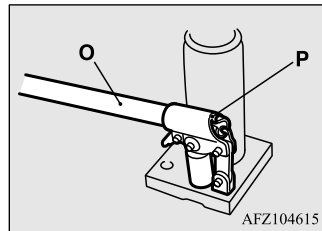
11. Lower the jack all the way and remove it.

**CAUTION**

- If the release valve is loosened too much (two or more turns) in the anticlockwise direction, the jack's oil will leak and the jack cannot be used.
- Close the release valve slowly when lowering the vehicle, or the valve may be damaged.

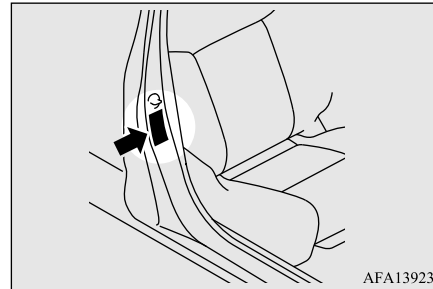
**NOTE**

- Occasionally when the vehicle is jacked up, the grooved portion of the designated point will not come off. When this happens, rock the vehicle to lower the ram.
- If the jack is difficult to remove by hand, insert the jack handle (O) into the bracket (P). Then using the handle, remove the jack.



12. Press the ram down all the way, and turn the release valve clockwise as far as possible.

13. Check your tyre inflation pressure. The correct pressures are shown on the driver's door label. See the illustration.



14. On vehicles equipped with Tyre Pressure Monitoring System (TPMS), after filling your tyres to the correct pressure, reset the TPMS.

Refer to "Tyre Pressure Monitoring System (TPMS): TPMS resetting" on page 6-109.

**CAUTION**

- The tyre pressure should be periodically checked and maintained at the specified pressure while the tyre is stowed.
- After changing the tyre and driving the vehicle approximately 1,000 km, retighten the wheel nuts to make sure that they have not come loose.

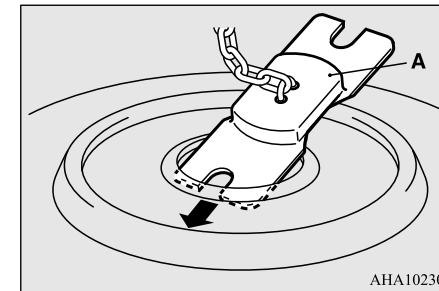
**CAUTION**

- If the steering wheel vibrates when driving after changing the tyre, have the tyre checked for balance at your nearest authorised MITSUBISHI MOTORS dealer.
- Do not mix one type of tyre with another or use a different size from the one listed. This would cause early wear and poor handling.

**To store the spare wheel**

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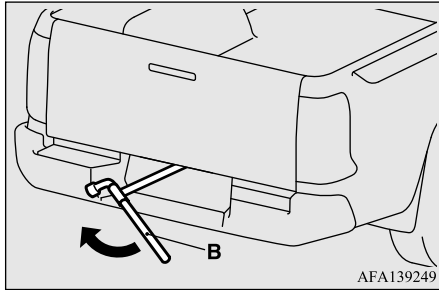
1. Install the hanger disc (A) in the wheel disc hole.



2. Turn the wheel nut wrench (B) clockwise to wind up the chain.



## Towing



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### NOTE

- Confirm that the hanger disc is securely fitted in the wheel disc hole when the wheel is just lifted off the ground.

3. After winding up the spare wheel sufficiently, make sure it is not loose {the tightening torque should be approximately 40 N•m (achieved by applying a force of 200 N at the end of the wheel nut wrench)} then withdraw the jack handle, taking care not to turn it in the reverse direction.

### CAUTION

- The spare wheel should always be securely in position.  
If a flat tyre is changed, put the flat tyre in the spare wheel mounting position with the wheel outer surface upward, and use the wheel nut wrench to secure it firmly.

### CAUTION

- When installing the spare wheel, please observe the followings. If you do not follow them, it could result in break the spare wheel carrier.
  - Do not use the power tool.  
Use the wheel nut wrench stowed on the vehicle.
  - Do not apply a force of 400 N or more at the end of the wheel nut wrench.

4. Have your damaged tyre repaired as soon as possible.

### To store the tools, jack and jack handle

E00803801193

Reverse the removing procedure when storing the jack, jack handle and wheel nut wrench.

Refer to “Tools, jack and jack handle” on page 8-8.

## Towing

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### If your vehicle needs to be towed

If towing is necessary, we recommend you to have it done by your authorised MITSUBISHI MOTORS dealer or a commercial tow truck service.

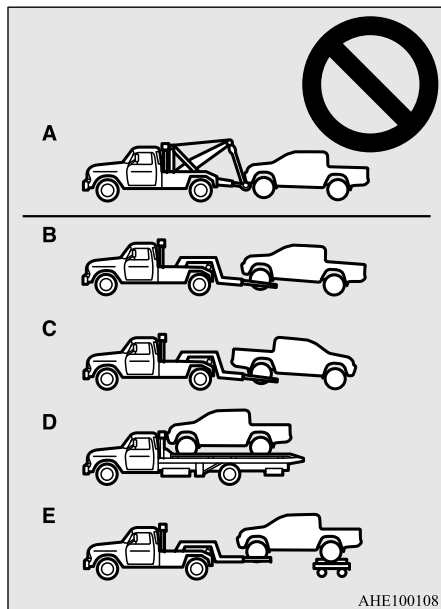
In the following cases, transport the vehicle using a tow truck.

- The engine runs but the vehicle does not move, or an abnormal noise is produced.
- Inspection of the vehicle’s underside reveals that oil or some other fluid is leaking.

If a wheel gets stuck in a ditch, do not try to tow the vehicle. Please contact your authorised MITSUBISHI MOTORS dealer or a commercial tow truck service for assistance.

Only when you cannot receive a towing service from an authorised MITSUBISHI MOTORS dealer or commercial tow truck service, tow your vehicle carefully in accordance with the instructions given in “Emergency towing” in this part.

The regulations concerning towing may differ from country to country. It is recommended that you obey the regulations of the area where you are driving your vehicle.



### Towing the vehicle by a tow truck

#### ⚠ CAUTION

- This vehicle must not be towed by a tow truck using sling lift type equipment (Type A) as illustrated. Using a sling lift will damage the bumper and front end.
- On 4WD vehicles, transport the vehicle with the driving wheels on a carriage (Type D or E) as illustrated. Never try to tow with the front or rear wheels on the ground (Type B or C) as illustrated. This could result in the driving system damage or vehicle may jump at the carriage.
- As your vehicle is equipped with the Active Stability & Traction Control system (ASTC), if the vehicle is towed with the ignition switch in the “ON” position or the operation mode in ON and only the front wheels or only the rear wheels raised off the ground, the active traction control system may operate, resulting in an accident.
- On 2WD vehicles, if the transmission is malfunctioning or damaged, transport the vehicle with the driving wheels on a carriage (Type C, D or E) as illustrated.

#### ⚠ CAUTION

- If you tow the vehicles with A/T with the driving wheels on the ground (Type B) as illustrated, make sure that the towing speed and distance given below are never exceeded, causing damage to the transmission.

Towing speed: 30 km/h  
Towing distance: 80 km

For the towing speed and the towing distance, follow the local driving laws and regulations.

- On vehicles with M/T, do not tow the vehicle with the rear wheels on the ground (Type B) as illustrated.

### Towing with front wheels off the ground (Type B)

On vehicles with A/T, place the selector lever in the “N” (NEUTRAL) position. Release the parking brake.

#### ⚠ CAUTION

- Never tow an A/T vehicle with the front wheels up (and the rear wheels on the ground) (Type B) when the A/T fluid level is low. This may cause serious and expensive damage to the transmission.

## Towing

### Towing with rear wheels off the ground (Type C)

Place the gearshift lever in the “N” (Neutral) position (M/T) or the selector lever in the “N” (NEUTRAL) position (A/T). Turn the ignition switch to the “ON” position or put the operation mode in ON and secure the steering wheel in a straight-ahead position with a rope or tie-down strap. Never turn the ignition switch to the “LOCK” position or put the operation mode in OFF when towing.

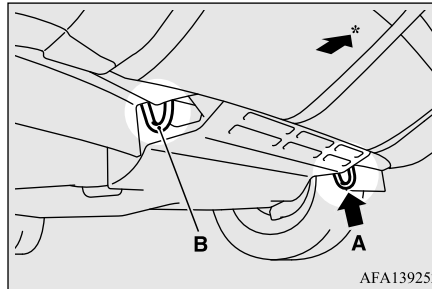
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### Emergency towing

If towing service is not available in an emergency, your vehicle may be temporarily towed by a rope secured to the towing hook. If your vehicle is to be towed by another vehicle, pay careful attention to the following points.

### If your vehicle is to be towed by another vehicle

1. The front towing hook (A) is located as shown in the illustration. Secure the tow rope to the front towing hook.



\*: Front of the vehicle

### CAUTION

- Using any part other than the designated towing hook (A) could result in damage to vehicle body.
- Do not use the tie-down hook (B) for towing. This hook is provided only for the purpose of transporting the vehicle itself.

### NOTE

- Using a wire rope or metal chain can result in damage to the vehicle body. It is best to use a non-metallic rope. If you use a wire rope or metal chain, wrap it with cloth at any point where it touches the vehicle body.
- Use care that the tow rope is kept as horizontal as possible. An angled tow rope can damage the vehicle body.

### NOTE

- Secure the tow rope to the same side towing hook, to keep the tow rope as straight as possible.

2. Keep the engine running.

If the engine is not running, perform the following operation to unlock the steering wheel.

[Except for vehicles with the keyless operation system]

Turn the ignition switch to the “ON” position.

[For vehicles with the keyless operation system]

Put the operation mode in ON.

### NOTE

- Press the Auto Stop & Go (AS&G) OFF switch to deactivate the AS&G system before stopping the vehicle. Refer to “To deactivate” on page 6-27.

### WARNING

- When the engine is not running, the brake booster and power steering pump do not operate. This means higher brake depression force and higher steering effort are required. Therefore, vehicle operation is very difficult.

**⚠ CAUTION**

- Do not leave the ignition switch in the “LOCK” position or the operation mode in OFF. The steering wheel will lock, causing loss of control.
- For vehicle equipped with the Forward Collision Mitigation system (FCM), stop the system to prevent an unexpected accident or unexpected operation during towing. Refer to “Forward Collision Mitigation system (FCM)” on page 6-87.
- For vehicle equipped with the Emergency Assist for Pedal Misapplication (EAPM), stop the system to prevent an unexpected accident or unexpected operation during towing. Refer to “Emergency Assist for Pedal Misapplication (EAPM)” on page 6-93.

3. Place the gearshift lever in the “N” (Neutral) position (M/T) or the selector lever in the “N” (NEUTRAL) position (A/T).
4. On 4WD vehicles, set the 4WD selector to “2H” position.
5. Turn on the hazard warning flashers if required by law. (Follow the local driving laws and regulations.)
6. During towing make sure that close contact is maintained between the drivers of both vehicles, and that the vehicles travel at low speed.

**⚠ WARNING**

- **Avoid sudden braking, acceleration and steering wheel movements; such driving operation could cause damage to the towing hook or towing rope. People in the vicinity could be injured as a result.**
- **When going down a long slope, the brakes may overheat, reducing effectiveness. Have your vehicle transport by a tow truck.**

**⚠ CAUTION**

- The person in the vehicle being towed must pay attention to the brake lamps of the towing vehicle and make sure the rope never becomes slack.
- When the vehicle with an A/T is to be towed by another vehicle with the all wheels on the ground, make sure that the towing speed and distance given below are never exceeded, avoiding damage to the transmission.

Towing speed: 30 km/h  
Towing distance: 80 km

For the towing speed and the towing distance, follow the local driving laws and regulations.

## Operation under adverse driving conditions

E00801704434

### On a flooded road

- Avoid flooded roads. In the event driving flooded roads, doing so may cause the following serious damage to the vehicle.
  - Engine stalling
  - Short in electrical components
  - Engine damage caused by water immersion

After driving flooded roads, be sure to have an inspection at an authorised MITSUBISHI MOTORS dealer and take the necessary measures or repair.

### On a wet road

- When driving in rain or on a road with many puddles a layer of water may form between the tyres and the road surface. This reduces a tyre’s frictional resistance on the road, resulting in loss of steering stability and braking capability.

To cope with this, observe the following items:

## Operation under adverse driving conditions

---

- (a) Drive your vehicle at a slow speed.
- (b) Do not drive on worn tyres.
- (c) Always maintain the specified tyre inflation pressures.

### On a snow-covered or frozen road

- When driving on a snow-covered or frozen road, it is recommended that you use snow tyres or tyre chains.

Refer to the “Snow tyres” and “Tyre chains” sections.

- Avoid high-speed operation, sudden acceleration, abrupt brake application and sharp cornering.
- Depressing the brake pedal during travel on snowy or icy roads may cause tyre slippage and skidding. When traction between the tyres and the road is reduced the wheels may skid and the vehicle cannot readily be brought to a stop by conventional braking techniques. Braking will differ, depending upon whether you have Anti-lock Brake System (ABS). As your vehicle is equipped with ABS, brake by pressing the brake pedal hard, and keeping it pressed.
- Allow extra distance between your vehicle and the vehicle in front of you, and avoid sudden braking.

- Accumulation of ice on the braking system can cause the wheels to lock. Pull away from a standstill slowly after confirming safety around the vehicle.

#### CAUTION

- Do not press the accelerator pedal rapidly. If the wheels break free of the ice, the vehicle could suddenly start moving and possibly cause an accident.

### On a bumpy or rutted road

Drive as slow as possible when driving on bumpy or rutted roads.

#### CAUTION

- The impact on tyres and/or wheels when driving on a bumpy or rutted road can damage the tyre and/or wheel.

*Vehicle care*

Vehicle care precautions .....9-2  
Cleaning the interior of your vehicle .....9-2  
Cleaning the exterior of your vehicle .....9-3

## Vehicle care precautions

### Vehicle care precautions

E00900102005

In order to maintain the value of your vehicle, it is necessary to perform regular maintenance using the proper procedures.

Always maintain your vehicle in compliance with any environmental pollution control regulations.

Carefully select the materials used for washing, etc., to be sure that they do not contain corrosives; if in doubt, we recommend you to consult a specialist for the selection of these materials.

9

#### CAUTION

- Cleaning products can be dangerous. Always follow the instructions of the cleaning product supplier.
- To avoid damage, never use the following to clean your vehicle.
  - Petrol
  - Paint Thinner
  - Benzine
  - Kerosene
  - Turpentine
  - Naphtha
  - Lacquer Thinner
  - Carbon Tetrachloride
  - Nail Polish Remover
  - Acetone

### Cleaning the interior of your vehicle

E00900201908

After cleaning the interior of your vehicle with water, cleaner or similar, wipe and dry in a shady, well-ventilated area.

#### NOTE

- If your vehicle is equipped with the demister heater element of the rear window, to clean the inside of the rear window, always use a soft cloth and wipe the window glass along the demister heater element so as not to cause damage.

#### CAUTION

- Do not use organic substances (solvents, benzine, kerosene, alcohol, petrol, etc.) or alkaline or acidic solutions. These chemicals can cause discolouring, staining or cracking of the surface. If you use cleaners or polishing agents, make sure their ingredients do not include the substances mentioned above.

### Plastic, vinyl leather, fabric and flocked parts

E00900301563

1. Lightly wipe these off with a soft cloth soaked in a mild soap and water solution.
2. Dip cloth in fresh water and wring it out well. Using this cloth, wipe off the detergent thoroughly.

#### NOTE

- Do not use cleaners, conditioners, and protectants containing silicones or wax. Such products can cause discolouring and, when applied to the instrument panels or other parts, may cause reflections on the windscreen and obscure vision. Also, if such products get on the switches of the electrical accessories, it may lead to failure of these accessories.
- Do not use synthetic fiber or dry cloth. They can cause discolouring or damaging the surface.
- Do not place a deodorizer on the instrument panel or near lamps and instruments. The ingredients for deodorizer can cause discolouring or cracking.

### Upholstery

E00900500207

1. To maintain the value of your new vehicle, handle the upholstery carefully and keep the interior clean.

Use a vacuum cleaner and brush to clean the seats. If stained, vinyl and synthetic leather should be cleaned with an appropriate cleaner. Cloth fabrics can be cleaned with either upholstery cleaner or a mild soap and water solution.

2. Clean the carpeting with a vacuum cleaner and remove any stains with carpet cleaner. Oil and grease can be removed by lightly dabbing with a clean colourfast cloth and stain remover.

### Genuine leather\*

E00900601960

1. To clean, lightly wipe the leather with a soft cloth soaked in a mild soap and water solution.
2. Dip cloth in fresh water and wring it out well. Using this cloth, wipe off the detergent thoroughly.
3. Apply leather protecting agent to the genuine leather surface.

#### NOTE

- If genuine leather is wet with water or is washed in water, wipe off water as quickly as possible with a dry, soft cloth. If left damp, mildew may grow.
- Organic solvents such as benzine, kerosene, alcohol and petrol, acid or alkaline solvents may discolour the genuine leather surface. Be sure to use neutral detergents.

#### NOTE

- Remove dirty patches or oil substances quickly as they can stain genuine leather.
- The genuine leather surface may harden and shrink if it is exposed to direct rays of the sun for long hours. When your vehicle is parked, place it in the shade as much as possible.
- When the temperature of the vehicle interior rises in summer, vinyl products left on the genuine leather seat may deteriorate and stick to the seat.

### Cleaning the seat belts

E0090620020

1. Dampen a soft cloth, such as gauze, with a solution containing 2.5% neutral detergent.
2. Gently dab the seat belt with the dampened cloth to remove the dirt.  
If the ring has dirt on it, wipe the dirt from the ring also.
3. Rinse the soft cloth with fresh water, thoroughly wring it out, and wipe off the cleaning solution.
4. Before retracting the seat belt that was pulled out for cleaning, make sure that it is sufficiently dry and no dampness remains.

### Cleaning the exterior of your vehicle

#### NOTE

- Clean the seat belts and rings when they are dirty, or when a seat belt does not retract smoothly.

### Cleaning the exterior of your vehicle

E00900700108

If the following is left on your vehicle, it may cause corrosion, discolouration and stains, wash the vehicle as soon as possible.

- Seawater, road deicing products.
- Soot and dust, iron powder from factories, chemical substance (acids, alkalis, coal-tar, etc.).
- Droppings from birds, carcasses of insects, tree sap, etc.

### Washing

E00900904834

Chemicals contained in the dirt and dust picked up from the road surface can damage the paint coat and body of your vehicle if left in prolonged contact.

Frequent washing and waxing is the best way to protect your vehicle from this damage. This will also be effective in protecting it from environmental elements such as rain, snow, salt air, etc.



## Cleaning the exterior of your vehicle

Do not wash the vehicle in direct sunlight. Park the vehicle in the shade and spray it with water to remove dust. Next, using an ample amount of clean water and a car washing brush or sponge, wash the vehicle from top to bottom.

Use a mild car washing soap if necessary. Rinse thoroughly and wipe dry with a soft cloth. After washing the vehicle, carefully clean the joints and flanges of the doors, bonnet and other sections where dirt is likely to remain.

9

### CAUTION

- When washing the under side of your vehicle or wheel, be careful not to injure your hands.
- If your vehicle is equipped with the rain sensor, place the wiper switch lever in the “OFF” position to deactivate the rain sensor before washing the vehicle. Otherwise, the wipers will operate in the presence of water spray on the windscreen and may get damaged as a result.
- Refrain from excessively using a car wash as its brushes may scratch the paint surface, causing it to lose its gloss. Scratches will be especially visible on darker coloured vehicles.

### CAUTION

- Never spray or splash water on the electrical components in the engine compartment. Doing so could have an adverse effect on the engine startability.  
Exercise caution also when washing the underbody; be careful not to spray water into the engine compartment.
- Some types of hot water washing equipment apply high pressure and heat to the vehicle. They may cause heat distortion and damage to the vehicle resin parts and may result in flooding of the vehicle interior. Therefore;
  - Maintain a distance of approximately 70 cm or more between the vehicle body and the washing nozzle.
  - When washing around the door glass, hold the nozzle at a distance of more than 70 cm and at right angles to the glass surface.
- After washing the vehicle, drive the vehicle slowly while lightly depressing the brake pedal several times in order to dry out the brakes.  
Leaving the brakes wet could result in reduced braking performance. Also, there is a possibility that they could freeze up or become inoperative due to rust, rendering the vehicle unable to move.
- Using an automatic car wash, pay attention to the following items, referring to the operation manual or consulting a car wash operator. If the following procedure is not followed, it could result in damage to your vehicle.

### CAUTION

- Check the dimensions of your vehicle, and consult with the car wash operator about whether it is possible to use the car wash. Refer to “Vehicle dimensions” on page 11-3.
- Close the door windows.
- The outside rear-view mirrors are retracted.
- The wiper arms are secured in place with tape.
- The roof antenna is removed.
- If your vehicle is equipped with the rear gate spoiler, consult a car wash operator before using the car wash.
- If your vehicle is equipped with the roof rails, consult a car wash operator before using the car wash.
- If your vehicle is equipped with the rain sensor, place the wiper switch lever in the “OFF” position to deactivate the rain sensor.
- If your vehicle is equipped with the Forward Collision Mitigation system (FCM), turn off the system.  
Refer to “Forward Collision Mitigation system (FCM)” on page 6-87.
- If your vehicle is equipped with the Emergency Assist for Pedal Misapplication (EAPM), turn off the system.  
Refer to “Emergency Assist for Pedal Misapplication (EAPM)” on page 6-93.

### **During cold weather**

The salt and other chemicals spread on the roads in some areas in winter can have a harmful effect on the vehicle body. You should therefore wash the vehicle as often as possible in accordance with our care-instructions. It is recommended to have a preservative applied and the underfloor protection checked before and after the cold weather season.

After washing your vehicle, wipe off all waterdrops from the rubber parts around the doors to prevent the doors from freezing.

#### **NOTE**

- To prevent freezing of the weatherstrip on the doors, bonnet, etc., they should be treated with silicone spray.

### **Waxing**

Waxing the vehicle will help prevent the adherence of dust and road chemicals to the paintwork. Apply a wax solution after washing the vehicle, or at least once every three months to assist displacing of water.

Do not wax your vehicle in direct sunlight. You should wax after the surfaces have cooled.

For information on how to use wax refer to the instruction manual of the wax.

#### **CAUTION**

- Waxes containing high abrasive compounds should not be used.

### **Polishing**

The vehicle should only be polished if the paintwork has become stained or lost its lustre. Do not polish parts with a mat coating and the plastic bumpers. Doing so could cause stains or damage the finish.

### **Cleaning plastic parts**

Use a sponge or chamois leather. If a car wax adheres on a grey or black rough surface of the bumper, moulding or lamps, the surface becomes white. In such a case, wipe it off using lukewarm water and soft cloth or chamois leather.

#### **CAUTION**

- Do not use a scrubbing brush or other hard tools as they may damage the plastic part surface.

#### **CAUTION**

- Do not bring the plastic parts into contact with petrol, light oil, brake fluids, engine oils, greases, paint thinners, and sulphuric acid (battery electrolyte) which may crack, stain or discolour the plastic parts. Also, be sure to avoid even brief contact with chemicals such as coating materials, because they cause cracks that allow water to enter the lamps.

If they touch the plastic parts, wipe them off with soft cloth, chamois or the like and an aqueous solution of neutral detergent then immediately rinse the affected parts with water.

### **Chrome parts**

In order to prevent spots and corrosion of chrome parts, wash with water, dry thoroughly, and apply a special protective coating. This should be done more frequently in winter.

### **Aluminium wheels\***

1. Remove dirt using a sponge while sprinkling water on the wheels.
2. Use neutral detergent on any dirt that cannot be removed easily with water.

## Cleaning the exterior of your vehicle

Rinse off the neutral detergent after washing the wheels.

3. Dry the wheels thoroughly using a chamois leather or a soft cloth.

### CAUTION

- Do not use a brush or other hard implement on the wheels. Doing so could scratch the wheels.
- Do not use any cleaner that contains an abrasive substance or is acidic or alkaline. Doing so could cause the coating on the wheels to peel or become discoloured or stained.
- Do not directly apply hot water using a steam cleaner or by any other means.
- Contact with seawater and road deicer can cause corrosion. Rinse off such substances as soon as possible.

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### Window glass

E00901601446

The window glass can normally be cleaned using only a sponge and water.

Glass cleaner can be used to remove oil, grease, insect carcasses, etc. After washing the glass, wipe it dry with a clean, dry, soft cloth. Never use a cloth that is used for cleaning a painted surface to clean a window. Wax from the painted surface could get on the glass and lower glass transparency and visibility.

9-6 Vehicle care

### NOTE

- If your vehicle is equipped with the demister heater element of the rear window, to clean the inside of the rear window, always use a soft cloth and wipe the window glass along the demister heater element so as not to cause damage.

### Wiper blades

E00901701261

Use a soft cloth and glass cleaner to remove grease, insect carcasses, etc., from the wiper blades. Replace the wiper blades when they no longer wipe properly.

Refer to “Wiper blade rubber replacement” on page 10-16.

### Engine compartment

E00902100324

Clean the engine compartment at the beginning and end of winter. Pay particular attention to flanges, crevices and peripheral parts where dust containing road chemicals and other corrosive materials might collect.

If salt and other chemicals are used on the roads in your area, clean the engine compartment at least every three months.

Never spray or splash water on the electrical components in the engine compartment, as this may cause damage.

Do not bring the nearby parts, the plastic parts and so on into contact with sulphuric acid (battery electrolyte) which may crack, stain or discolour them.

If they are in contact, wipe off with soft cloth, chamois or the like and an aqueous solution of neutral detergent then immediately rinse the affected parts with plenty of water.

## *Maintenance*

Service precautions .....	10-2
Catalytic converter .....	10-3
Bonnet .....	10-3
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## Service precautions

E01000103299

Adequate care of your vehicle at regular intervals serves to preserve the value and appearance as long as possible.

Some maintenance items can be carried out by the owner (do it yourself), while others should be carried out by an authorised MITSUBISHI MOTORS dealer (periodic inspection and maintenance). In the event a malfunction or a problem is discovered, have it corrected by an authorised MITSUBISHI MOTORS dealer. This section contains information on inspection maintenance procedures that you can do yourself. Follow the instructions and cautions for each of the various procedures.

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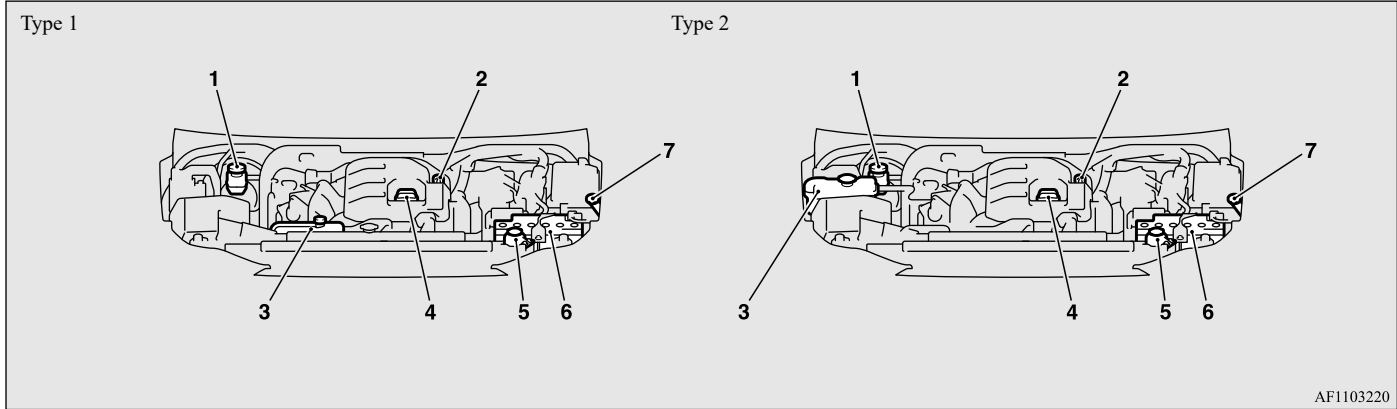
### WARNING

- When checking or servicing the inside of the engine compartment, make sure the engine is switched off and has had a chance to cool down.
- If it is necessary to do work in the engine compartment with the engine running, be especially careful that your clothing, hair, etc., does not become caught by the cooling fan, drive belts, or other moving parts.

### WARNING

- After performing the maintenance work, make sure that no tools or cloths are left behind in the engine compartment. If they are left behind, a fire or damage to the vehicle may occur.
- The cooling fan may turn on automatically even if the engine is not running. Turn the ignition switch to the “LOCK” position or put the operation mode in OFF to be safe while you work in the engine compartment.
- Do not smoke, cause sparks or allow open flames around fuel or battery. The fumes are flammable.
- Be extremely cautious when working around the battery. It contains poisonous and corrosive sulphuric acid.
- Do not get under your vehicle with just the body jack supporting it. Always use automotive jack stands.
- Improper handling of components and materials used in the vehicle can endanger your personal safety. Consult an authorised MITSUBISHI MOTORS dealer for necessary information.

Check items of engine compartment are located as shown in the figure below.



AF1103220

- 1. Brake fluid reservoir/Clutch fluid reservoir\*
- 2. Engine oil level gauge
- 3. Engine coolant reservoir
- 4. Engine oil cap
- 5. Power steering fluid reservoir\*
- 6. Battery
- 7. Washer fluid reservoir

The catalytic converter is installed in the exhaust system. It is important to keep the engine properly tuned to ensure proper catalyst operation and prevent possible catalyst damage.

**NOTE**

- Use fuel of the type recommended in “Fuel selection” on page 2-2.

**Catalytic converter**

E01000202538

The exhaust gas scavenging devices used with the catalytic converter are extremely efficient for the reduction of noxious gases.

**WARNING**

- As with any vehicle, do not park or operate this vehicle in areas where combustible materials such as dry grass or leaves can come in contact with a hot exhaust since a fire could occur.

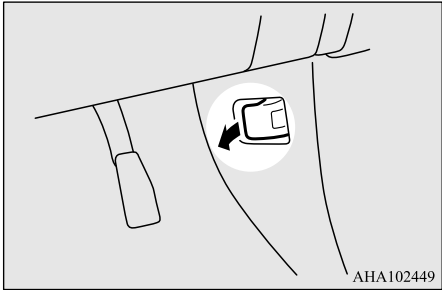
**Bonnet**

E01000305022

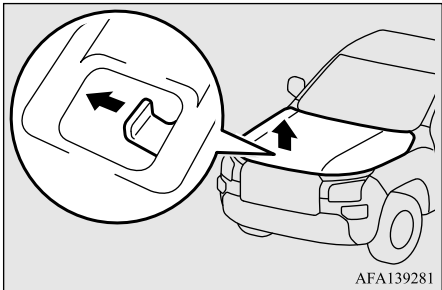
**To open**

- 1. Pull the release lever towards you to unlock the bonnet.

## Bonnet



2. Raise the bonnet while pressing the safety lock.

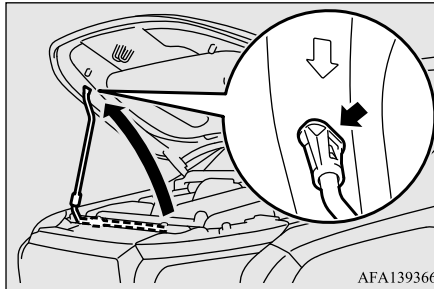


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### CAUTION

- Only open the bonnet when the wipers are in the parked position. Failure to do so may cause damage to the bonnet, wiper arms or front windscreen.

3. Support the bonnet by inserting the support bar in its slot.

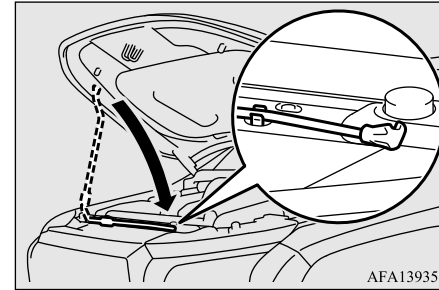


### CAUTION

- Note that the support bar may disengage the bonnet if the open bonnet is lifted by a strong wind.
- After inserting the support bar into the slot, make sure the bar supports the bonnet securely from falling down on to your head or body.

## To close

1. Unlatch the support bar and clip it in its holder.



2. Slowly lower the bonnet to a position approximately 20 cm above the closed position, then let it drop.

3. Make sure the bonnet is securely locked by softly lifting the centre of the bonnet.

### CAUTION

- Be careful that hands or fingers are not trapped when closing the bonnet.
- Before driving, make sure that the bonnet is securely locked. An incompletely locked bonnet can suddenly open while driving. This can be extremely dangerous.
- Do not press down the bonnet hard with a hand as it may damage the bonnet.

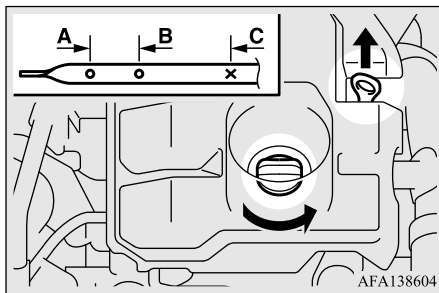
### NOTE

- If this does not close the bonnet, release it from a slightly higher position.

## Engine oil

E01000405599

### To check and refill engine oil



- A: Minimum level
- B: Maximum level
- C: Oil replacement indication mark

The engine oil used has a significant effect on the engine's performance, service life and startability. Be sure to use oil of the recommended quality and appropriate viscosity.

All engines consume a certain amount of oil during normal operation. Therefore, it is important to check the oil level at regular intervals or before starting a long trip.

1. Park the car on a horizontal surface.
2. Switch off the engine.

3. Wait a few minutes.
4. Remove the dipstick and wipe it with a clean cloth.
5. Reinsert the dipstick as far as it goes.
6. On vehicles without diesel particulate filter (DPF), remove the dipstick and confirm that the oil level is between the marks (A) and (B).  
On vehicles with DPF, remove the dipstick and confirm that the oil level is between the marks (A) and (C).
7. If the oil level is less than the level indicated by the mark (A), remove the cap and add enough oil to raise the level to between the marks (A) and (B).  
On vehicles with DPF, if the oil level is above the mark (C), replace the oil as soon as possible.  
Then, the oil should be refilled to the maximum level (B).
8. After adding oil, close the cap securely.
9. Confirm the oil level by repeating step 4 to 6.

#### NOTE

- To avoid engine damage, do not overfill by exceeding the mark (B).
- Be sure to use the specified engine oil and do not mix various types of oil.

#### NOTE

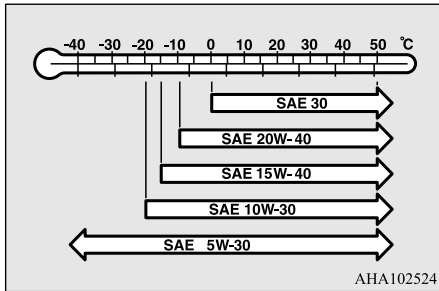
- When the oil level is checked in step 6 above, check it on a low side of the dipstick because it is different in appearance of oil level in the two sides of the dipstick.
- On vehicles with DPF, the engine oil level will be increased due to an amount of the fuel being mixed in the engine oil when the DPF regenerates to burn away the PM (particulate matter).  
It does not indicate a malfunction.  
In the following conditions, the engine oil level may increase easily. We recommend you to have it checked frequently.
  - frequent driving at uphill and downhill
  - frequent driving at high altitudes
  - frequent and extended idling
  - frequent driving through a traffic jam
- The engine oil will deteriorate rapidly if the vehicle is subjected to severe conditions, requiring earlier oil replacement.  
Please refer to the maintenance schedule.
- For handling of used engine oils, refer to page 2-6.



## Engine coolant

### Selection of engine oil

#### Vehicles without diesel particulate filter (DPF)



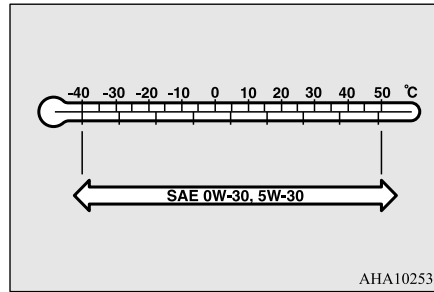
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- Select engine oil of the proper SAE viscosity number according to the atmospheric temperature.
- Use engine oil conforming to the following classification:
  - ACEA classification:  
“For service A1/B1, A3/B3, A3/B4 or A5/B5”
  - API classification:  
“For service CD” or higher

### NOTE

- Use of additives is not recommended since they may reduce the effectiveness of additives already included in the engine oil. It may result in failure of the mechanical assembly.

#### Vehicles with diesel particulate filter (DPF)



- Select engine oil of the proper SAE viscosity number according to the atmospheric temperature.
- Use engine oil conforming to the following classification:
  - ACEA classification:  
“FOR service C1, C2, C3 or C4”
  - JASO classification:  
“FOR service DL-1”

If those classifications are not available, contact an authorised MITSUBISHI MOTORS dealer.

### NOTE

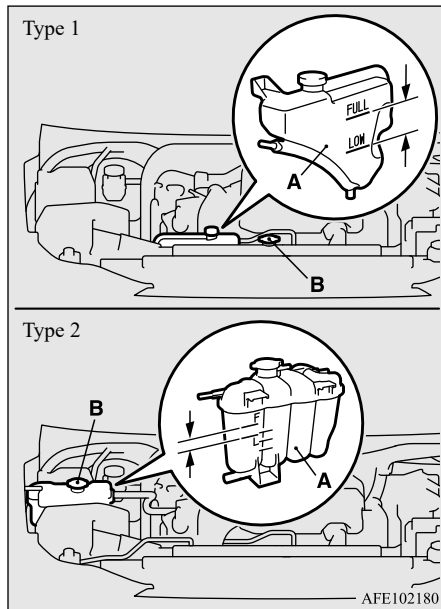
- Use of additives is not recommended since they may reduce the effectiveness of additives already included in the engine oil. It may result in failure of the mechanical assembly.

## Engine coolant

E01000503903

### To check the coolant level

A translucent coolant reserve tank (A) is located in the engine compartment. The coolant level in this tank should be kept between the “LOW” or “L” and “FULL” or “F” marks when measured while the engine is cold.



If the level should drop below the “LOW” or “L” level on the reserve tank, open the cap and add coolant.

If the reserve tank is completely empty, remove the radiator cap (B), and replenish the coolant up to the filler neck (Type 1) or “F” level (Type 2).

**WARNING**

- Do not open the radiator cap (B) while the engine is hot. The coolant system is under pressure and any hot coolant escaping could cause severe burns.

**NOTE**

- For diesel-powered vehicles, when the engine is stopped immediately after high-speed driving, driving uphill, or DPF regeneration, the electric water pump will run for a while to prevent exhaust damage after the treatment system.

**To add coolant**

The cooling system is a closed system and normally the loss of coolant should be very slight. A noticeable drop in the coolant level could indicate leakage. If this occurs, have the system checked at an authorised MITSUBISHI MOTORS dealer as soon as possible.

**Anti-freeze**

The engine coolant contains an ethylene glycol anti-corrosion agent. Some parts of the engine are cast aluminium alloy, and periodic changing of the engine coolant is necessary to prevent corrosion of these parts.

Use “MITSUBISHI MOTORS GENUINE SUPER LONG LIFE COOLANT PREMIUM” or equivalent\*.

\*: Similar high quality ethylene glycol based non-silicate, non-amine, non-nitrate and non-borate coolant with long life hybrid organic acid technology

MITSUBISHI MOTORS GENUINE Coolant has excellent protection against corrosion and rust formation of all metals including aluminium and can avoid blockages in the radiator, heater, cylinder head, engine block, etc.

Because of the necessity of this anti-corrosion agent, the coolant must not be replaced with plain water even in summer. The required concentration of anti-freeze differs depending on the expected ambient temperature.

**10**

Ambient temperature (minimum) °C	-15	-20	-25	-30	-35	-50
Anti-freeze concentration %	50					60

## Washer fluid

### **⚠ CAUTION**

- Do not use alcohol or methanol anti-freeze or any engine coolants mixed with alcohol or methanol anti-freeze. The use of an improper anti-freeze can cause corrosion of the aluminium components.
- Do not use water to adjust the concentration of coolant.
- For effective anti-corrosion and anti-freeze performance, keep the anti-freeze concentration within the range of 50 to 60%. Concentrations exceeding 60% will result in a reduction of both the anti-freeze and cooling performance thus adversely affecting the engine.
- Do not top up with water only. Water by itself reduces the rust-protective and anti-freeze qualities of the coolant and has a lower boiling point. It can also cause damage to the cooling system if it should freeze. Do not use tapwater, as it can cause corrosion and rust formation.

10

### **During cold weather**

If the temperatures in your area drop below freezing, there is the danger that the coolant in the engine or radiator could freeze and cause severe damage to the engine and/or radiator. Add a sufficient amount of anti-freeze to the coolant to prevent it from freezing.

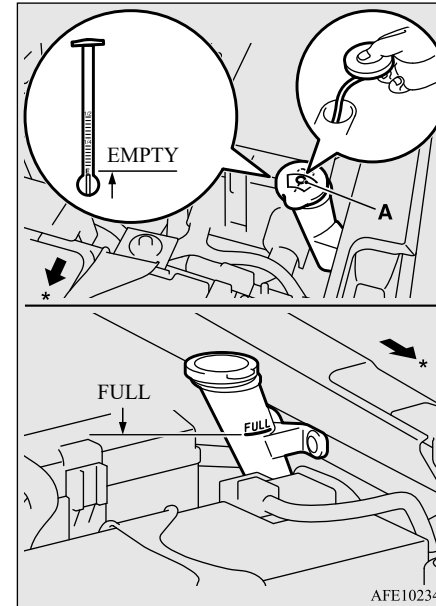
10-8 Maintenance

The concentration should be checked before the start of cold weather and anti-freeze added to the system if necessary.

### **Washer fluid**

E01000703152

Open the washer fluid reservoir cap, pull up the dipstick while covering the hole (A) in the centre of the cap, and check the level of washer fluid with the dipstick. If the level is low, replenish the container with washer fluid.



\*: Front of the vehicle

### **⚠ CAUTION**

- Do not use any fluid other than washer fluid. Also, do not use soapy water, glass cleaner, and engine coolant. Other liquids could cause streaking on the vehicle's painted surfaces, damage the washer pump, or clog the nozzle, leading to the washer fluid not spraying.

**CAUTION**

- If dirt adheres to the inside of the washer nozzle, washer fluid may not spray on the windscreen correctly. The nozzle may be damaged if you attempt to clean out the dirt with a pin or other object. Please contact an authorised MITSUBISHI MOTORS dealer.
- Over-diluting the washer fluid in winter may cause it to freeze onto the windscreen.

**NOTE**

- The washer fluid container serves the windscreen.

**During cold weather**

To ensure proper operation of the washers at low temperatures, use a fluid containing an anti-freezing agent.

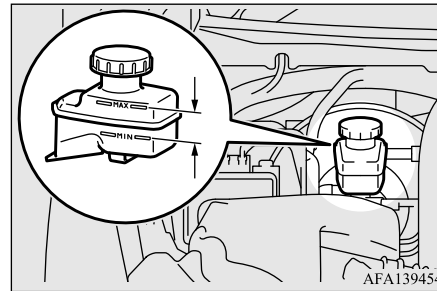
**Brake fluid/Clutch fluid\***

E01000802172

The brake fluid and the clutch fluid share reservoir tank.

**To check the fluid level**

The fluid level must be between the “MAX” and “MIN” marks on the reservoir.



The fluid level is monitored by a float. When the fluid level falls below the “MIN” mark, the brake warning lamp lights up.

The fluid level falls slightly with wear of the brake pads, but this does not indicate any abnormality.

The fluid in the master cylinder should be checked when doing other work under the bonnet. The brake system should also be checked for leaks at the same time.

If the fluid level falls markedly in a short length of time, it indicates leaks from the brake system.

If this occurs, have the vehicle checked by an authorised MITSUBISHI MOTORS dealer.

**Fluid type**

Use brake fluid conforming to DOT3 or DOT4 from a sealed container. The brake fluid is hygroscopic. Too much moisture in the brake fluid will adversely affect the brake system, reducing the performance.

**WARNING**

- Take care in handling brake fluid as it is harmful to the eyes, may irritate your skin and will damage painted surfaces. Wipe up spills immediately. If brake fluid gets on your hands or in your eyes, flush immediately with clean water. Follow up with a doctor as necessary.

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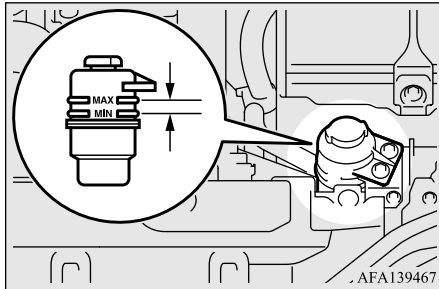
**CAUTION**

- Use only the specified brake fluid. Do not mix or add different brand of brake fluid to prevent chemical reaction. Do not let any petroleum-based fluid touch, mix with, or get into the brake fluid. This will damage the seals.
- Keep the reservoir tank cap closed to prevent the brake fluid from deteriorating except maintenance.
- Clean the filler cap before removing and close the cap securely after maintenance.

## Power steering fluid\*

### Power steering fluid\*

E01001102505



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### To check the fluid level

Check the fluid level in the reservoir while the engine is idling.

Check to make certain that the power steering fluid level is always between the “MAX” and “MIN” level markings on the fluid reservoir and refill the fluid, if necessary.

### Fluid type

Use “MITSUBISHI MOTORS GENUINE PSF (Power Steering Fluid)”.

### Battery

E01001204366

The condition of the battery is very important for quick starting of the engine and proper functioning of the vehicle’s electrical system. Regular inspection and care are especially important in cold weather.

### Battery precautions

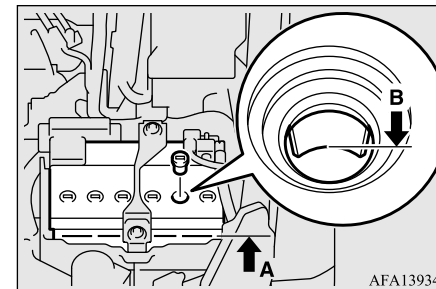
#### ⚠ WARNING

- When you handle the battery, carefully observe the following cautions for safety.
- Keep sparks, cigarettes, and flames away from the battery because the battery could explode. Also, do not short-circuit the battery terminals. Doing so could create sparks.
- Always wear protective eye goggles when working near the battery. Battery electrolyte contains sulphuric acid, so getting it in your eyes is dangerous.

#### ⚠ WARNING

- Battery electrolyte contains sulphuric acid, so you must wear gloves and eye protection when handling the battery. If battery electrolyte gets in your eyes or on your skin, rinse it away with clean water and immediately see a doctor. If you accidentally swallow battery electrolyte, immediately see a doctor. If battery electrolyte splashes on your clothing or on the vehicle, rinse it off with lots of water.
- The battery emits highly explosive hydrogen gas. Ventilate when charging the battery in an enclosed space.
- Keep it out of reach of children.

### Checking battery electrolyte level



Check that the electrolyte level of the battery is above the lower mark (A) on the outside of the battery.

If it is below the lower mark, replenish with distilled water.

The inside of the battery is divided into several compartments; remove the cap from each compartment and fill to the edge of the sleeve (B). Do not top up beyond the edge of the sleeve because spillage during driving could cause damage.

Check the electrolyte level at least once every four weeks, depending on the operating conditions.

If the battery is not used, it will discharge by itself with time. Check it once every four weeks and charge with low current as necessary.

### During cold weather

The capacity of the battery is reduced at low temperatures. This is an inevitable result of its chemical and physical properties. This is why a very cold battery, particularly one that is not fully charged, will only deliver a fraction of the starter current which is normally available.

It is recommended that you have the battery checked by an authorised MITSUBISHI MOTORS dealer before the start of cold

weather and, if necessary, have it charged or replaced.

This does not only ensure reliable starting, but a battery which is kept fully charged also has a longer life.

### Disconnection and connection

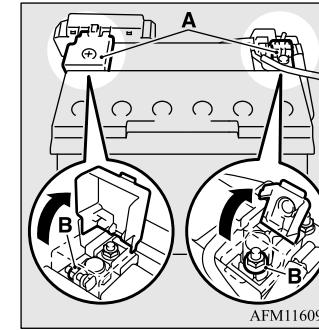
To disconnect the battery cable, stop the engine, first disconnect the negative (-) terminal and then the positive (+) terminal. When connecting the battery, first connect the positive (+) terminal and then the negative (-) terminal.

#### NOTE

- Open the terminal covers (A) before disconnecting or connecting the terminals of the battery.

#### NOTE

- Loosen the nuts (B), and then disconnect the battery cable from the terminals.



#### WARNING

- Always wear protective eye goggles when working near the battery. Battery electrolyte contains sulphuric acid, so getting it in your eyes is dangerous.
- Keep sparks, cigarettes, and flames away from the battery because the battery could explode.

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## Tyres

### WARNING

- The battery electrolyte is extremely caustic. Do not allow it to come in contact with your eyes, skin, clothing, or the painted surfaces of the vehicle. Spilt electrolyte should be flushed immediately with ample amounts of water. Irritation to eyes or skin from contact with electrolyte requires immediate medical attention.
- Ventilate when charging or using the battery in an enclosed space.

### CAUTION

- Never disconnect the battery with the ignition switch in the “ON” position or the operation mode in ON; doing so could damage the vehicle’s electrical components.
- Never short-circuit the battery; doing so could cause it to overheat and be damaged.

### CAUTION

- If the battery is to be quick-charged, first disconnect the battery cables.
  - In order to prevent a short circuit, be sure to disconnect the negative (–) terminal first.
  - Keep it out of reach of children.
  - Do not bring the nearby parts, the plastic parts and so on into contact with sulphuric acid (battery electrolyte) which may crack, stain or discolour them.
- If they are in contact, wipe off with soft cloth, chamois or the like and an aqueous solution of neutral detergent then immediately rinse the affected parts with plenty of water.

### NOTE

- Keep the terminals clean. After the battery is connected, apply terminal protection grease. To clean the terminals, use lukewarm water.

### NOTE

- Check to see if the battery is securely installed and cannot be moved during travel. Also check each terminal for tightness.
- When the vehicle is to be left unused for a long period of time, remove the battery and store it in a place where the battery fluid will not freeze. The battery should be stored only in a fully charged condition.

## Tyres

E01001300242

### WARNING

- Driving with tyres that are worn, damaged or improperly inflated can lead to a loss of control or blow out of the tyres which can result in a collision with serious or fatal injury.

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## Tyre inflation pressures

E01001405323

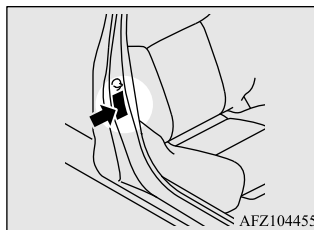
Tyre size	No cargo		Cargo	
	Front	Rear	Front	Rear
265/60R18 110H	2.3 bar (230 kPa) {33 psi}	2.3 bar (230 kPa) {33 psi}	2.3 bar (230 kPa) {33 psi}	2.9 bar (290 kPa) {42 psi}

Tyre size	No cargo		Cargo	
	Front	Rear	Front	Rear
265/65R17 112H	2.2 bar (220 kPa) {32 psi}	2.2 bar (220 kPa) {32 psi}	2.2 bar (220 kPa) {32 psi}	2.9 bar (290 kPa) {42 psi}
265/70R16 112S	2.2 bar (220 kPa) {32 psi}	2.2 bar (220 kPa) {32 psi}	2.2 bar (220 kPa) {32 psi}	2.9 bar (290 kPa) {42 psi}
215/70R15C 106/104S	2.3 bar (230 kPa) {33 psi}	2.3 bar (230 kPa) {33 psi}	2.3 bar (230 kPa) {33 psi}	3.75 bar (375 kPa) {55 psi}
205R16C 110/108R	2.5 bar (250 kPa) {36 psi}	2.5 bar (250 kPa) {36 psi}	2.7 bar (270 kPa) {39 psi}	4.5 bar (450 kPa) {65 psi}

Check the tyre inflation pressure of all the tyres while they are cold; if insufficient or excessive, adjust to the specified value. After the tyre inflation pressure has been adjusted, check the tyres for damage and air leaks. Be sure to put caps on the valves.

#### NOTE

- The tyres that can be installed on your vehicle are shown on the driver's door label. For details, contact an authorised MITSUBISHI MOTORS dealer.

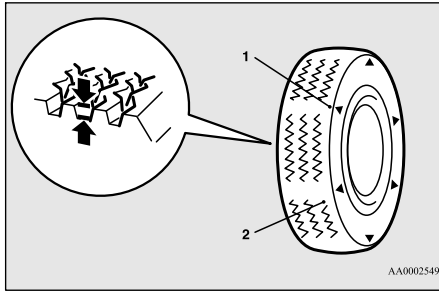


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## Wheel condition

E01001802007



- 1- Location of the tread wear indicator
- 2- Tread wear indicator

### 10

Check the tyres for cuts, cracks and other damage. Replace the tyres if there are deep cuts or cracks. Also check each tyre for pieces of metal or pebbles.

The use of worn tyres can be very dangerous because of the greater chance of skidding or hydroplaning. The tread depth of the tyres must exceed 1.6 mm in order for the tyres to meet the minimum requirement for use.

Tread wear indicators will appear on the surface of the tyre as the tyre wears, thereby indicating that the tyre no longer meets the minimum requirement for use. When these wear indicators appear, the tyres must be replaced with new ones.

In the case of the 4-wheel drive vehicles, when replacement of any of the tyres is necessary, replace all of them.

### CAUTION

- Always use tyres of the same size, same type, and same brand, and which have no wear differences. Using tyres of different size, type, brands or degree of wear, will increase the differential oil temperature, resulting in possible damage to the driving system. Further, the drive train will be subjected to excessive loading, possibly leading to oil leakage, component seizure, or other serious faults.

## Replacing tyres and wheels

E01007202058

### CAUTION

- Avoid using different size tyres from the one listed and the combined use of different types of tyres, as this can affect driving safety. Refer to “Tyres and wheels” on page 11-13.
- Even if a wheel has the same rim size and offset as the specified type of wheel, its shape may prevent it from being fitted correctly. Consult an authorised MITSUBISHI MOTORS dealer before using wheels that you have.

### CAUTION

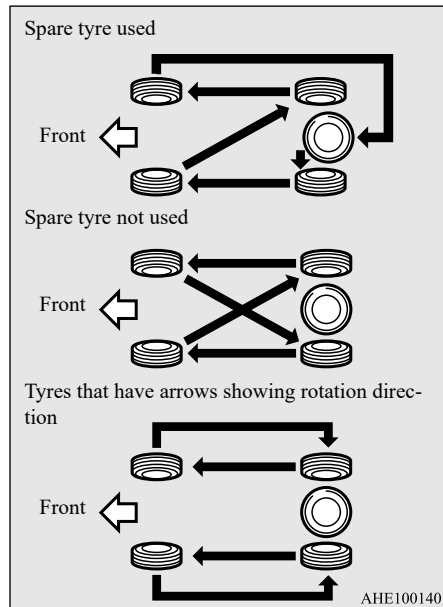
- If your vehicle is equipped with a Tyre Pressure Monitoring System (TPMS), only MITSUBISHI MOTORS GENUINE wheels should be used. Use of another type of wheel risks air leaks and sensor damage, as it will not be possible to install the tyre pressure sensor properly. Refer to “Tyre Pressure Monitoring System (TPMS)” on page 6-106.

## Tyre rotation

E01001902880

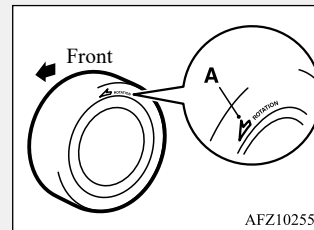
Tyre wear varies with vehicle conditions, road surface conditions and individual driver's driving habits. To equalize the wear and help extend tyre life, it is recommended to rotate the tyres immediately after discovery of abnormal wear, or whenever the wear difference between the front and rear tyres is recognisable.

When rotating tyres, check for uneven wear and damage. Abnormal wear is usually caused by incorrect tyre pressure, improper wheel alignment, out of balance wheel, or severe braking. Consult your authorised MITSUBISHI MOTORS dealer to determine the cause of irregular tread wear.



### CAUTION

- If the tyres have arrows (A) indicating the correct direction of rotation, swap the front and rear tyres on the left-hand side of the vehicle and the front and rear tyres on the right-hand side of the vehicle separately. Keep each tyre on its original side of the vehicle. When fitting the tyres, make sure the arrows point in the direction in which the wheels will turn when the vehicle moves forward. Any tyre whose arrow points in the wrong direction will not perform to its full potential.



- Avoid the combined use of different types of tyres. Using different types of tyres can affect vehicle performance and safety.

### Snow tyres

E01002002602

The use of snow tyres is recommended for driving on snow and ice. To preserve driving

stability, mount snow tyres of the same size and tread pattern on all four wheels. Snow tyres worn more than 50 % are no longer suitable for use as snow tyres. Snow tyres which do not meet specifications must not be used.

### CAUTION

- Observe permissible maximum speed for your snow tyres and the legal speed limit.
- If your vehicle is equipped with a TPMS, only MITSUBISHI MOTORS GENUINE wheels should be used. Use of another type of wheel risks air leaks and sensor damage, as it will not be possible to install the tyre pressure sensor properly. Refer to “Tyre Pressure Monitoring System (TPMS)” on page 6-106.

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### NOTE

- The laws and regulations concerning snow tyres (driving speed, required use, type, etc.) vary. Find out and follow the laws and regulations in the area you intend to drive.
- If flange nuts are used on your vehicle, change to tapered nuts when steel wheels are used.

## Wiper blade rubber replacement

### Tyre chains

E01002103772

It is recommended that snow chains are carried in snow regions and fitted when required to the rear wheels.

On 4WD vehicles in which the driving power is distributed preferentially to the rear wheels, ensure that the tyre chains are fitted on the rear.

The tyres fitted to your vehicle as original equipment allow you to fit tyre chains if they are required. When replacing your tyres, check with the tyre distributor or manufacturer if the fitting of tyre chains will be detrimental to the tyres being purchased.

Always follow the chain manufacturer's instructions when fitting the chains.

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#### ⚠ WARNING

- **DO NOT use a jack when fitting the chains, as in the conditions, the tyres may slip on the icy road causing the vehicle to slip off the jack.**

#### ⚠ CAUTION

- Choose a clear straight stretch of road where you can pull off and still be seen while you are fitting the chains.
- Do not fit chains before you need them. This will wear out your chains and the road surface.

#### ⚠ CAUTION

- After driving around 100-300 metres, stop and retighten the chains.
- Care should be taken with extremes of steering lock to prevent possible contact between the chains and the vehicle body.
- Drive carefully and do not exceed 30 km/h. Remember, fitting chains is not going to stop accidents from happening.
- When tyre chains are installed, take care that they do not damage the disc wheel or body.
- An aluminium wheel can be damaged by a tyre chain while driving. When fitting a tyre chain on an aluminium wheel, take care that any part of the chain and fitting cannot be brought into contact with the wheel.
- When installing or removing a tyre chain, take care that hands and other parts of your body are not injured by the sharp edges of the vehicle body.
- Install the chains only on the rear tyres and tighten them as tightly as possible with the ends securely fastened.

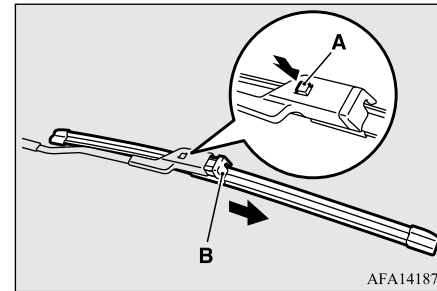
#### 📖 NOTE

- The laws and regulations concerning the use of tyre chains vary. Find out and follow the laws and regulations in driving area. In most countries, it is prohibited by the law to use tyre chains on roads without snow.

### Wiper blade rubber replacement

E01008201524

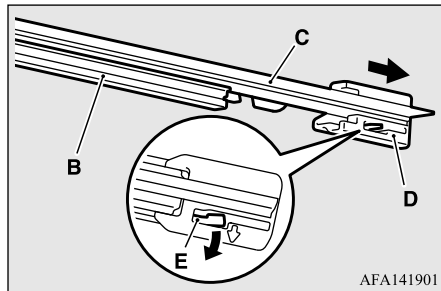
1. Lift the wiper arm off the windscreen.
2. While pressing the tab (A) of the wiper blade (B), release the lock and pull out the wiper blade (B) from the wiper arm.



#### ⚠ CAUTION

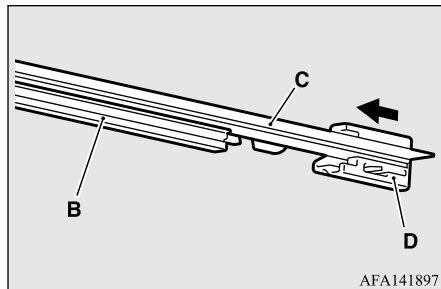
- Do not allow the wiper arm to fall onto the windscreen. This could damage the glass.

3. While pushing up the hook (E) of the stopper (D) at the end of the wiper blade rubber (C) in the direction of the arrow, release the lock and pull out the wiper blade rubber (C) from the wiper blade (B).



4. Insert the wiper blade rubber (C) into the wiper blade (B) from the end opposite the stopper. Make sure the wiper blade rubber (C) is correctly fitted in the grooves of the wiper blade (B).

5. Press the stopper (D) of the wiper blade rubber until the stopper (D) of the wiper blade rubber (C) and the wiper blade (B) are securely locked.



6. Insert the wiper blade (B) until the wiper blade (B) is securely locked in the wiper arm. Make sure that the wiper blade (B) is correctly attached to the wiper arm.

## General maintenance

E01002701602

### Fuel, engine coolant, oil and exhaust gas leakage

Look under the body of your vehicle to check for fuel, engine coolant, oil and exhaust gas leaks.

#### **WARNING**

- If you see a suspicious fuel leak or if you smell fuel, do not operate the vehicle; call your authorised MITSUBISHI MOTORS dealer for assistance.

### Exterior and interior lamp operation

Operate the combination lamp switch to check that all lamps are functioning properly. If the lamps do not illuminate, the probable cause is a blown fuse or defective lamp bulb.

Check the fuses first. If there is no blown fuses, check the lamp bulbs.

For information regarding the inspection and replacement of the fuses and the lamp bulbs, refer to “Fuses” on page 10-18 and “Replacement of lamp bulbs” on page 10-23.

If the fuses and bulbs are all OK, take the vehicle to an authorised MITSUBISHI MOTORS dealer for inspection and repair.

### Meter, gauge and indicator/warning lamps operation

Run the engine to check the operation of all meters, gauges, and indicator/warning lamps. If there is anything wrong, take the vehicle to an authorised MITSUBISHI MOTORS dealer for inspection.

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### Hinges and latches lubrication

Check all latches and hinges, and, if necessary, have them lubricated.

### Fusible links

E01002901675

The fusible links will melt to prevent a fire if a large current attempts to flow through certain electrical systems.

## Fuses

In case of a melted fusible link, see your authorised MITSUBISHI MOTORS dealer for inspection and replacement.

For the fusible links, please refer to “Passenger compartment fuse location table” on page 10-19 and “Engine compartment fuse location table” on page 10-21.

### WARNING

- Fusible links must not be replaced by any other device. Failing to fit the correct fusible link may result in fire in the vehicle, property destruction and serious or fatal injuries at any time.

## 10

## Fuses

E01003001211

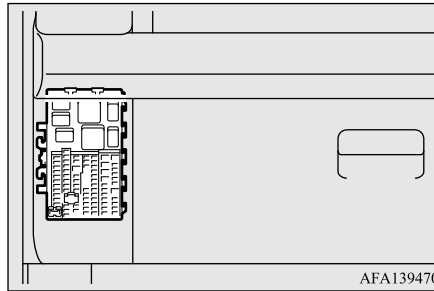
### Fuse block location

E01007601794

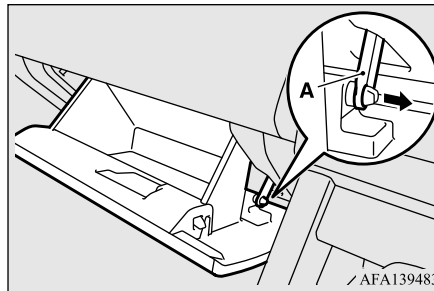
To prevent damage to the electrical system due to short-circuiting or overloading, each individual circuit is provided with a fuse. There are fuse blocks in the passenger compartment and in the engine compartment.

### Passenger compartment

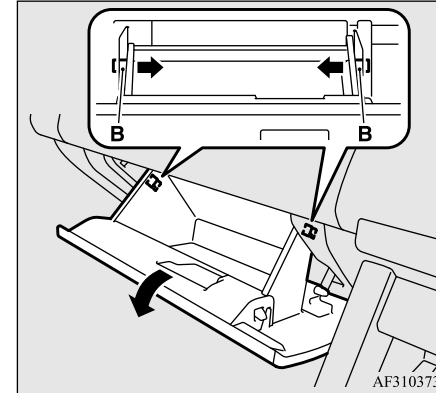
The fuse block in the passenger compartment is located behind the glove box at the position shown in the illustration.



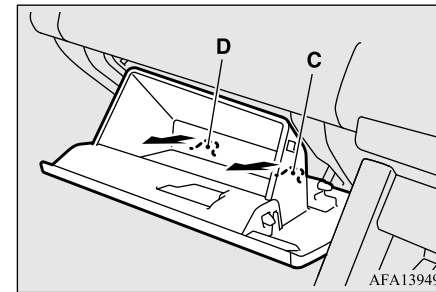
1. Open the glove box.
2. Uncouple the rod (A) on the right side of the glove box by pulling the rod to the right (if so equipped).



3. While pressing the side of the glove box, unhook the left and right hooks (B) and lower the glove box.



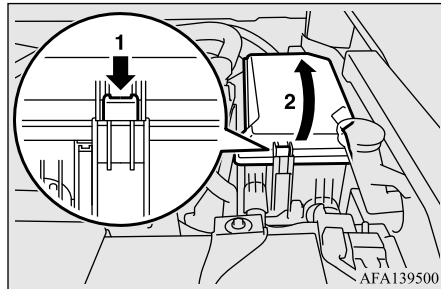
4. Pull the glove box fastener (C), then the fastener (D), towards you in the directions of the arrows shown in the illustration to remove them.



5. Pull the glove box from the bottom to remove it.

### Engine compartment

In the engine compartment, the fuse block is located as shown in the illustration.



- 1- Press the tab.
- 2- Remove the cover.

### Fuse load capacity

E01007702213

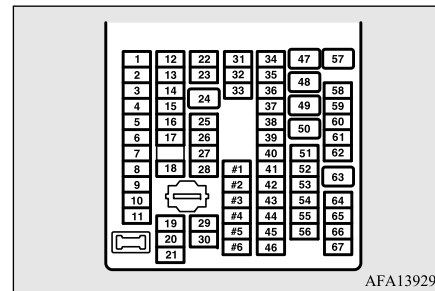
The fuse capacity and the name of the electrical systems protected by the fuses are indicated on the back of the glove box and on the inside of the fuse block cover for fuses located in the engine compartment.

### NOTE

- Spare fuses are provided in the fuse block of the passenger compartment. Always use a fuse of the same capacity for replacement.

### Passenger compartment fuse location table

E01007902576



No.	Symbol	Electrical system	Capacity
1		Rear demister	30 A
2		Heated outside mirror	15 A
3	—	—	—
4		Miscellaneous	10 A
5		Steering angle sensor	5 A

No.	Symbol	Electrical system	Capacity
6		Meter	10 A
7		SRS airbag	10 A
8	—	—	—
9		Miscellaneous	15 A
10	—	—	—
11		Anti-lock braking system	5 A
12		Central door lock	10 A
13	—	—	—
14		Central door lock	15 A
15		Electronic controlled unit	5 A
16		CAN gateway	10 A
17		Emergency call system	5 A
18	—	—	—
19	—	—	—
20	STOP	Stop lamp (right)	10 A
21		4-wheel drive system	15 A
22	—	Spare fuse	10 A
23		Room lamps	10 A

Fuses

10

No.	Symbol	Electrical system	Capacity
24	—	—	—
25		Audio system amp	20 A
26		Miscellaneous	10 A
27		USB (front)	10 A
28	—	—	—
29		Meter	5 A
30		Electronic controlled unit	5 A
31	—	—	—
32		Anti-lock braking system/Active stability control	5 A
33		Electric power steering control	5 A
34		Electric auto air conditioning	15 A
35	—	—	—
36	—	—	—
37		USB (rear)	10 A
38	—	—	—
39	—	—	—
40	—	—	—

No.	Symbol	Electrical system	Capacity
41	—	—	—
42	—	—	—
43	—	—	—
44	—	—	—
45		Front electric window control (passenger)	20 A
46		Front electric window control (driver)	20 A
47	—	—	—
48		Power seat (driver seat)	30 A*
49	—	—	—
50	—	—	—
51		Hands-free module/Electronic immobilizer	10 A
52	—	—	—
53	—	—	—
54		Rear fog lamps	20 A
55	—	—	—
56		Hazard warning flasher	15 A

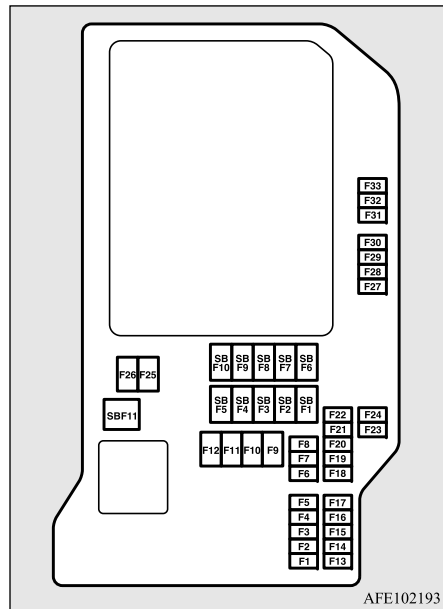
No.	Symbol	Electrical system	Capacity
57		Rear electric window control	30 A*
58	—	Spare fuse	20 A
59	—	—	—
60		Power socket (front)	20 A
61		Heated steering wheel	15 A
62		Power socket (rear)	20 A
63		Blower	40 A*
64	—	—	—
65	—	—	—
66	—	—	—
67		Front heated seat	30 A
#1	—	Spare fuse	30 A
#2	—	—	—
#3	—	Spare fuse	20 A
#4	—	Spare fuse	15 A
#5	—	Spare fuse	10 A
#6	—	Spare fuse	5 A

\*: Fusible link

- Some fuses may not be installed on your vehicle, depending on the vehicle model or specifications.
- The table above shows the main equipment corresponding to each fuse.

**Engine compartment fuse location table**

E01008002994









No.	Sym-bol	Electrical sys-tem	Capac-ities
SBF1		Fuel line heater	40 A*
SBF2		Starter	30 A*
SBF3		Urea SCR	60 A*
SBF4		Heater	50 A*
SBF5	—	—	—
SBF6		Anti-lock brak-ing system	40 A*
SBF7		Glow plug	50 A*
SBF8		Electronic con-trolled unit	30 A*
SBF9	—	—	—
SBF10	—	—	—
SBF11		Glow plug	50 A*
F1	—	—	—
F2	—	—	—
F3	—	—	—
F4	—	—	—
F5	—	—	—
F6		Trailer	30 A
F7	A/T	Automatic transmission	20 A

No.	Sym-bol	Electrical sys-tem	Capac-ities
F8		Cooling fan	20 A
F9		Horn	15 A
F10	—	—	—
F11		Heater	10 A
F12	—	—	—
F13	—	—	—
F14	—	—	—
F15	—	—	—
F16	—	—	—
F17		Engine control unit	30 A
F18	—	—	—
F19		Water pump	10 A
F20		Engine control unit	15 A
F21		Battery current sensor	10 A
F22	—	—	—
F23		LED Headlamp (left)	20 A
F24		LED Headlamp (right)	20 A
F25	—	—	—

10



## Fuses

No.	Sym- bol	Electrical sys- tem	Capac- ities
F26	—	—	—
F27		Urea SCR	15 A
F28		NOx sensor 3	10 A
F29		Urea SCR	15 A
F30		NOx sensor	15 A
F31		PM sensor	10 A
F32		Urea SCR	15 A
F33	—	—	—

**10**

\*: Fusible link

- Some fuses may not be installed on your vehicle, depending on the vehicle model or specifications.
- The table above shows the main equipment corresponding to each fuse.

### Identification of fuse

E01008101507

Capacity	Colour
5 A	Tan
10 A	Red
15 A	Blue
20 A	Yellow

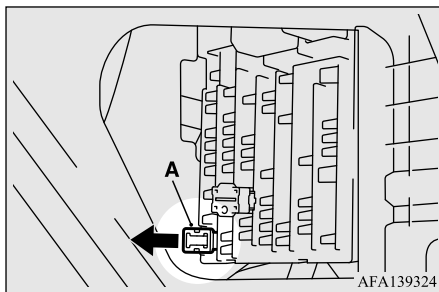
10-22 Maintenance

Capacity	Colour
30 A	Green (fuse type) / Pink (fusible link type)
40 A	Green (fusible link type)
50 A	Red (fusible link type)
60 A	Yellow (fusible link type)

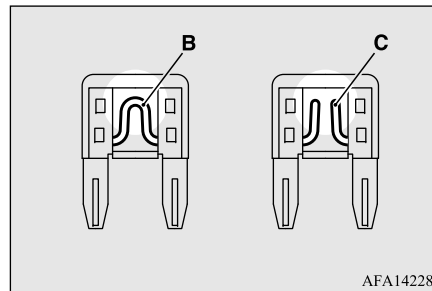
### Fuse replacement

E01007802168

1. Before replacing a fuse, always turn off the electrical circuit concerned and turn the ignition switch to the “LOCK” position or put the operation mode in OFF.
2. Remove the fuse puller (A) from the inside of the fuse block in the passenger compartment.



3. Referring to the fuse load capacity table, check the fuse pertaining to the problem.

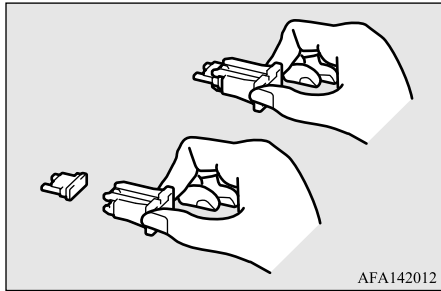


- B- Fuse is OK  
C- Blown fuse

### NOTE

- If any system does not function but the fuse corresponding to that system is normal, there may be a fault in the system elsewhere. Have your vehicle checked by an authorised MITSUBISHI MOTORS dealer.

4. Insert a new fuse of the same capacity by using the fuse puller into the same place at the fuse block.



AFA142012

### ⚠ CAUTION

- If the newly inserted fuse blows again after a short time, have the electrical system checked by an authorised MITSUBISHI MOTORS dealer to find the cause and rectify it.
- Never use a fuse with a capacity larger than that specified or any substitute, such as wire, foil, etc.; doing so will cause the circuit wiring to heat up and could cause a fire.

### Extended storage fuse switch

E01013000057

To reduce battery drain, the extended storage fuse switch comes from the factory switched off. Prior to delivery of your vehicle, the switch is pushed in (switched on) and should always remain on.

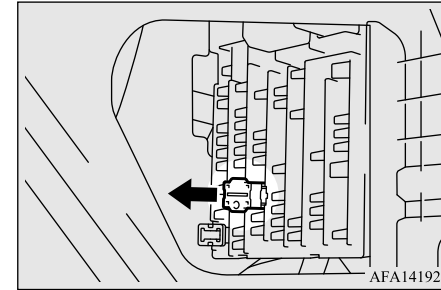
If the extended storage fuse switch is not pushed in (switched on), the meter may display a warning message. Refer to “Warning display list” on page 5-25. If any electrical equipment does not operate, remove the extended storage fuse switch and check for a blown fuse.

### ⚠ CAUTION

- If the extended storage fuse switch malfunctions or if the fuse is blown, it is not necessary to replace the switch. In this case, remove the extended storage fuse switch and replace it with a new fuse of the same capacity.

1. To remove the extended storage fuse switch, be sure turn the ignition switch to the “LOCK” position or put the operation mode in OFF.
2. Turn off all the lamps.  
Refer to “Combination headlamps and dipper switch” on page 5-40.
3. Remove the glove box.  
Refer to “Fuse block location” on page 10-18.
4. Pinch and pull out the extended storage fuse switch.
5. Pull the extended storage fuse switch straight out from the fuse block.

### Replacement of lamp bulbs



AFA141927

### Replacement of lamp bulbs

E01003102147

Before replacing a bulb, ensure the lamp is off. Do not touch the glass part of the new bulb with your bare fingers; the skin oil left on the glass will evaporate when the bulb gets hot and the vapor will condense on the reflector and dim the surface.

10

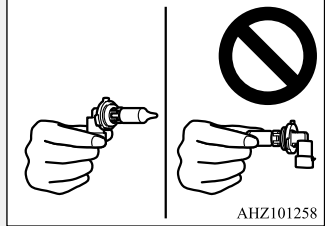
### ⚠ CAUTION

- Bulbs are extremely hot immediately after being turned off.  
When replacing a bulb, wait for it to cool sufficiently before touching it. You could otherwise be burnt.
- Handle halogen lamp bulb with care. The gas inside halogen lamp bulb is highly pressurized, so dropping, knocking, or scratching a halogen lamp bulb can cause it to shatter.

## Replacement of lamp bulbs

### CAUTION

- Never hold the halogen lamp bulb with a bare hand, dirty glove, etc. The oil from your hand could cause the bulb to break the next time the headlamps are operated. If the glass surface is dirty, it must be cleaned with alcohol, paint thinner, etc., and refit it after drying it thoroughly.



10

- Do not install commercially available LED-type bulbs. Commercially available LED-type bulbs could adversely affect the operation of the vehicle, such as by preventing the lamps and other vehicle equipment from operating properly.

### NOTE

- If you are unsure of how to carry out the work as required, it is recommended that these procedures be carried out by an authorised MITSUBISHI MOTORS dealer.
- Be careful not to scratch the vehicle body when removing a lamp and lens.

### NOTE

- When it rains, or when the vehicle has been washed, the inside of the lens sometimes becomes foggy. This is the same phenomenon as when window glass mists up on a humid day, and does not indicate a functional problem. When the lamp is switched on, the heat will remove the fog. However, if water gathers inside the lamp, please go to an authorised MITSUBISHI MOTORS dealer for a check.

### Bulb location and capacity

E01003201587

### CAUTION

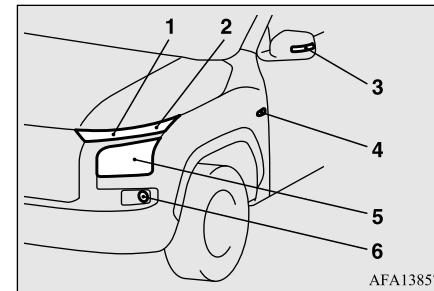
- When replacing a bulb, be sure to use a new bulb of the same type, wattage, and colour. If you install a different bulb, the bulb could malfunction or fail to come on and could lead to a vehicle fire.

## Outside

E01003306248

### ■ Front

#### Halogen headlamps type



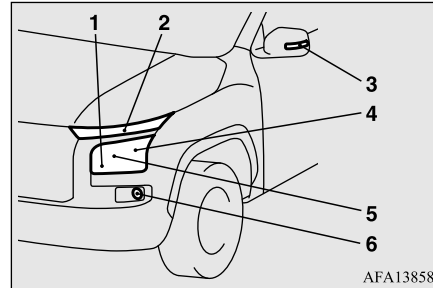
- 1- Front turn-signal lamps:  
21 W (WY21W)
- 2- Position lamps: 5 W (W5W)
- 3- Side turn-signal lamps (on outside rear-view mirror)\*: —
- 4- Side turn-signal lamps (on fender)\*:  
5W
- 5- Headlamps, high/low beam:  
60/55 W (H4)
- 6- Front fog lamps: —

Codes in parentheses indicate bulb types.

**NOTE**

- It is not possible to repair or replace only the bulb of each side turn-signal lamp (on fender).  
For repair and replacement, contact an authorised MITSUBISHI MOTORS dealer when the lamp needs to be repaired or replaced.
- The following lamps use an LED instead of a bulb.  
If you need to repair or replace these lamps, contact an authorised MITSUBISHI MOTORS dealer.
  - Side turn-signal lamps (on outside rear-view mirror)
  - Front fog lamps

**LED headlamps type**



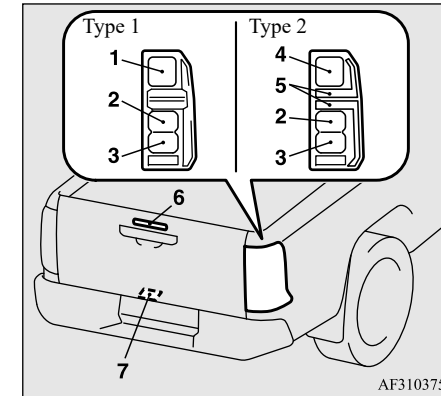
- 1- Front turn-signal lamps: 21 W (WY21W)
- 2- Position lamps/Daytime running lamps: —
- 3- Side turn-signal lamps: —
- 4- Headlamps, low beam: —
- 5- Headlamps, high beam: —
- 6- Front fog lamps: —

Code in parentheses indicates bulb type.

**NOTE**

- The following lamps use an LED instead of the bulb. If you need to repair or replace these lamps, contact an authorised MITSUBISHI MOTORS dealer.
  - Position lamps/Daytime running lamps
  - Side turn-signal lamps
  - Headlamps
  - Front fog lamps

**■ Rear**



- 1- Tail and stop lamps: 21/5 W (P21/5W)
- 2- Rear turn-signal lamps: 21 W (PY21W)
- 3- Reversing lamps: 21W (P21W)
- 4- Stop lamps: —
- 5- Tail lamps: —
- 6- High-mounted stop lamp\*: —
- 7- Licence plate lamp: 5 W (W5W)

Codes in parentheses indicate bulb types.

## Replacement of lamp bulbs

### NOTE

- The following lamps use an LED instead of a bulb.

If you need to repair or replace these lamps, contact an authorised MITSUBISHI MOTORS dealer.

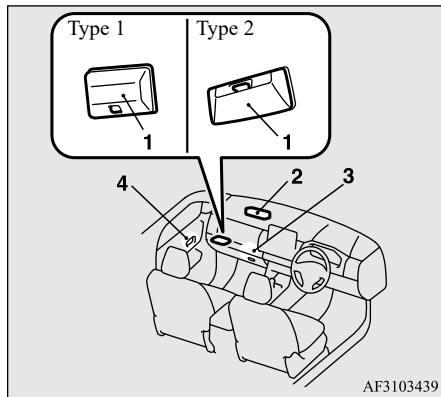
- Stop lamps
- Tail lamps
- High-mounted stop lamp

- 3- Glove box lamp: 1.4 W
- 4- LED interior illumination (Front door)\*: —

## Inside

E01003404216

10



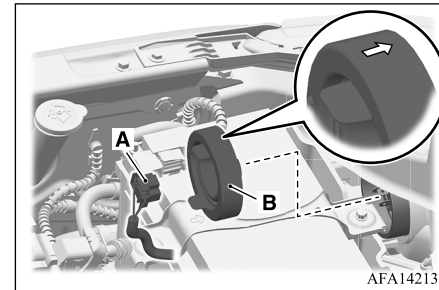
- 1- Type 1  
Rear room lamp: 8 W
- Type 2  
Rear room lamp: 8 W
- 2- Front room & map lamps\*: 8 W

10-26 Maintenance

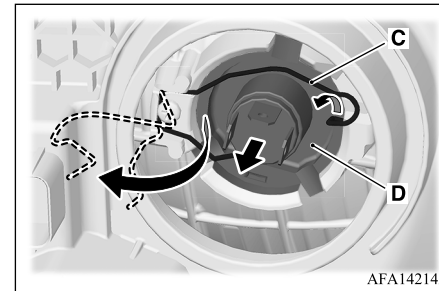
## Headlamps (Vehicles with halogen headlamps)

E01003502792

1. Pull out the connector (A), and remove the bulb socket cover (B).



2. Remove the metal stopper (C), and remove the bulb (D).



3. To install the bulb, perform the removal steps in reverse.

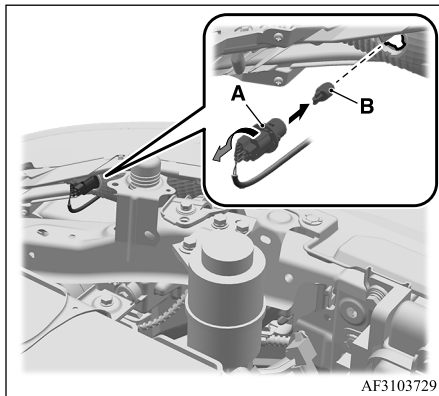
**NOTE**

- Install the bulb socket cover (B) so that the arrow is pointing to the front of the vehicle.

**Position lamps (Vehicles with halogen headlamps)**

E01003702853

1. Turn the bulb socket (A) anticlockwise to remove it. Remove the bulb (B) from the socket by pulling it out.



AF3103729

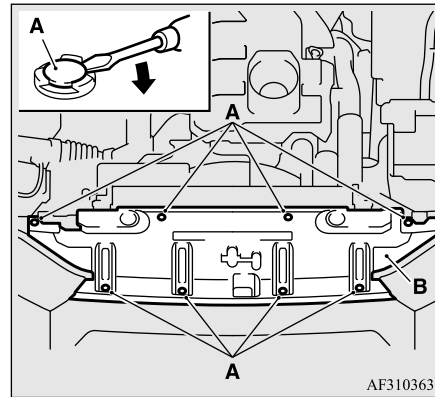
2. To install the bulb, perform the removal steps in reverse.

**Front turn-signal lamps**

E01003802883

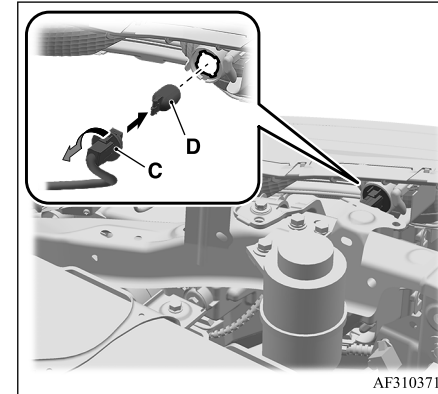
**Vehicles with halogen headlamps**

1. Remove the clips (A), and then remove the upper cover (B).



AF3103631

2. Turn the bulb socket (C) anticlockwise to remove it. Remove the bulb (D) from the socket by pulling it out.



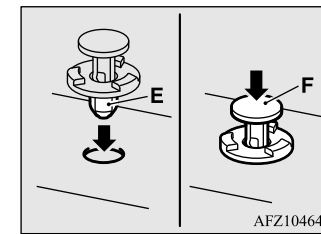
AF3103716

3. To install the bulb, perform the removal steps in reverse.

**10**

**NOTE**

- When refitting the clip (A), first insert part (E) of the clip into the hole and then press part (F) into it.

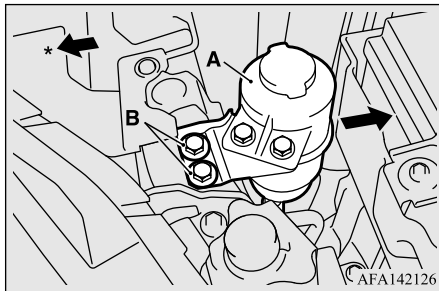


AFZ104644

## Replacement of lamp bulbs

### Vehicles with LED headlamps

1. For vehicles with hydraulic power steering, when replacing the bulb on the left side of the vehicle, remove the bolt (B) on the bracket of the power steering fluid reservoir (A), and move the power steering fluid reservoir backward.



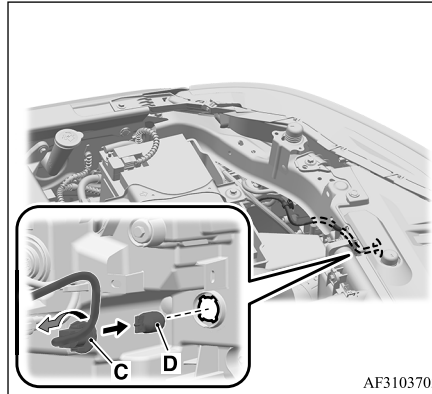
10

\*: Front of the vehicle

#### CAUTION

- Handle the power steering fluid reservoir with care when it is removed. Power steering fluid may spill out if the power steering fluid reservoir is tilted.

2. Turn the bulb socket (C) anticlockwise to remove it. Remove the bulb (D) from the socket by pulling it out.

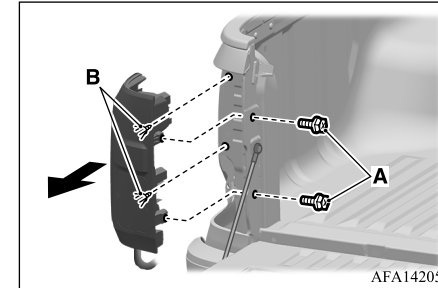


3. To install the bulb, perform the removal steps in reverse.

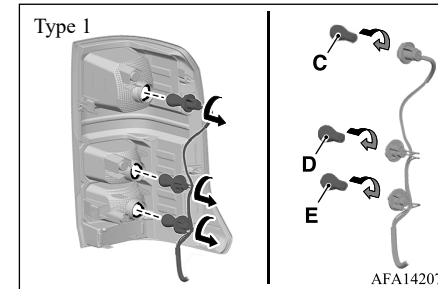
### Rear combination lamps

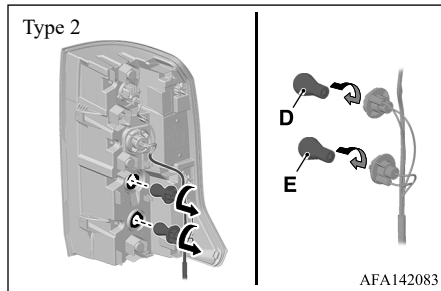
E01004203559

1. Open the rear gate.  
Refer to "Rear gate" on page 3-17.
2. Remove the screws (A) that hold the lamp unit, move the lamp unit toward the rear of the vehicle, and remove the clips (B).



3. Remove each socket and bulb assembly by turning it anticlockwise, and remove the bulb from the socket by turning it anticlockwise while pressing in.





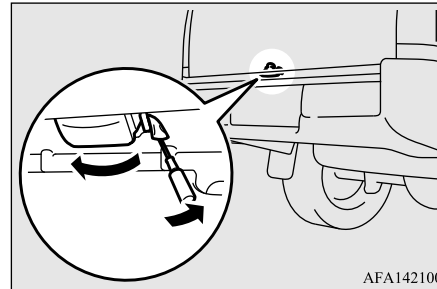
- C- Tail and stop lamp
- D- Rear turn-signal lamp
- E- Reversing lamp

4. To install the bulb, perform the removal steps in reverse.

### Licence plate lamp

E01004602543

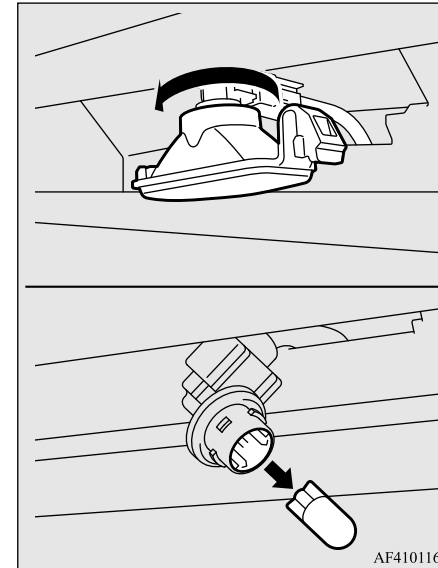
1. Insert a straight blade (or minus) screwdriver into the lamp assembly and pry gently to remove it.



### NOTE

- Wrap a piece of cloth around the tip of the screwdriver in order to avoid scratching the lens and the body.

2. Remove the socket and bulb assembly together by turning it anticlockwise, and then remove the bulb by pulling out.



3. To install the bulb, perform the removal steps in reverse.

10

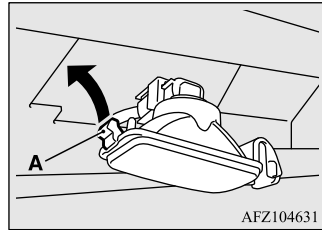


## Replacement of lamp bulbs

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### NOTE

- When mounting the lamp unit, put the hook (A) on the left side of the lamp unit into the body first.



10

## *Specifications*

Vehicle labelling .....	11-2
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Vehicle performance .....	11-9
Vehicle weight .....	11-10
Engine specifications .....	11-12
Electrical system .....	11-12
Tyres and wheels .....	11-13
Capacity .....	11-14

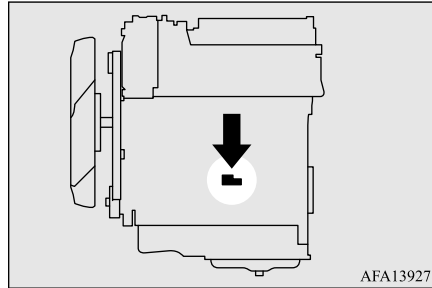
## Vehicle labelling

### Vehicle labelling

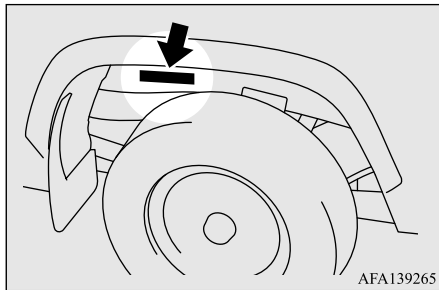
E01100106334

### Vehicle Identification Number: (VIN)

The vehicle identification number is stamped as shown in the illustration.



11



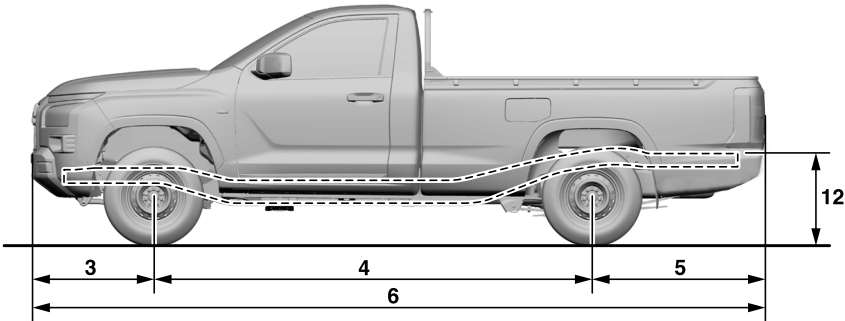
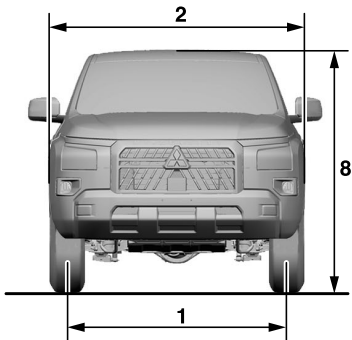
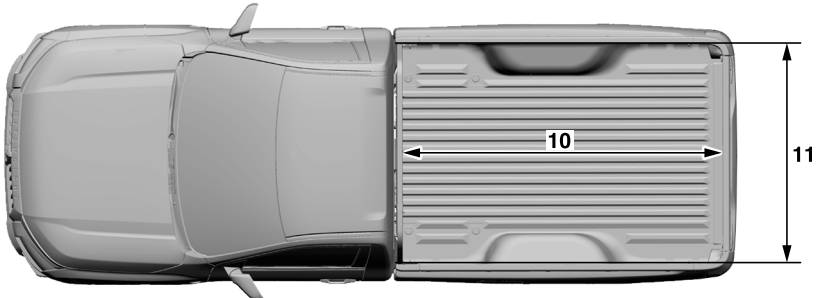
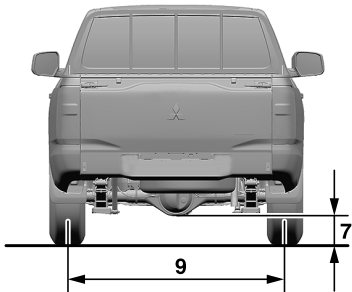
### Engine model/number

The engine model and number are stamped on the engine cylinder block as shown in the illustration.

Vehicle dimensions

E01100206104

Single cab



11

AF5110897

Vehicle dimensions

**Single cab**

Item		2WD	4WD
1	Front track	1,585 mm, 1,570 mm*	
2	Overall width	1,865 mm	
3	Front overhang	890 mm	
4	Wheel base	3,130 mm	
5	Rear overhang	1,245 mm	
6	Overall length	5,265 mm	
7	Ground clearance (unladen)	179 mm	203 mm, 222 mm*
8	Overall height (unladen)	1,695 mm	1,765 mm, 1,785 mm*
9	Rear track	1,580 mm, 1,565 mm*	
10	Cargo bed length	2,340 mm	
11	Cargo bed width	1,580 mm	
12	Cargo bed height	515 mm	

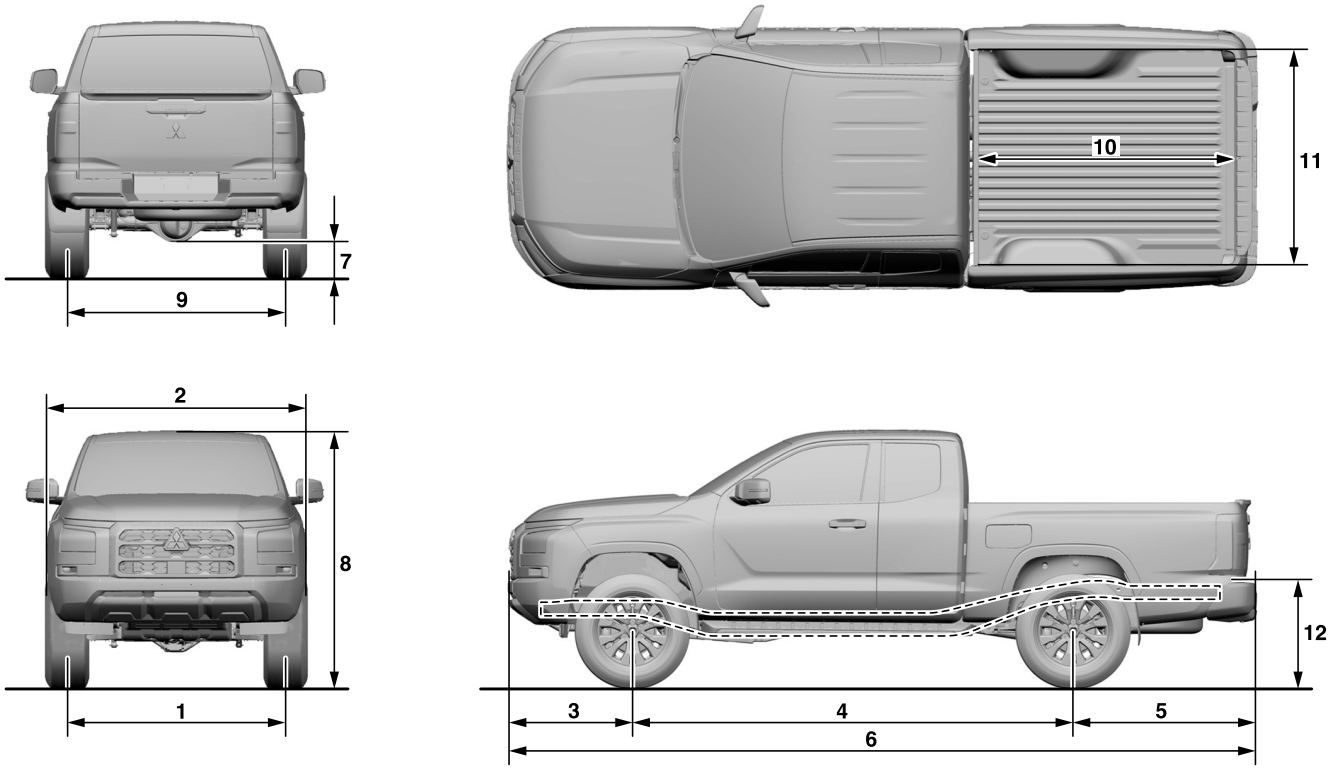
11

\*: Vehicles with 265/60R18 size tyre

**Minimum turning radius**

Item	2WD	4WD
Wheel	5.9 m	6.2 m
Body	6.3 m	6.6 m

Club cab



11

AF5108337

Vehicle dimensions

**Club cab**

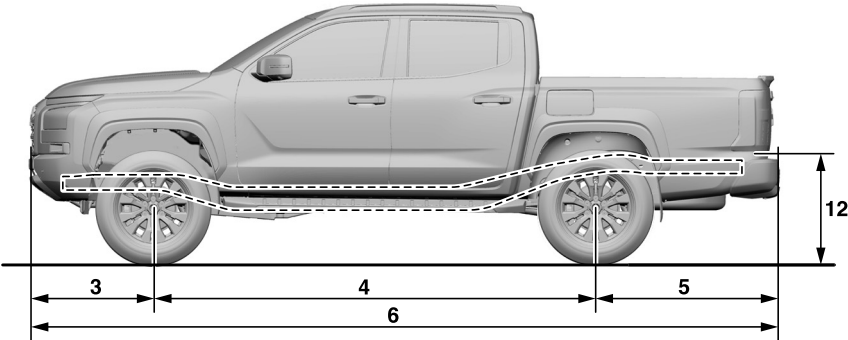
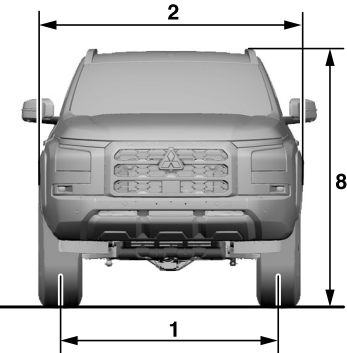
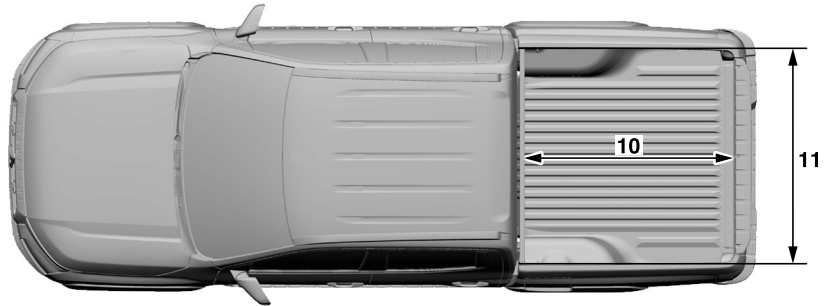
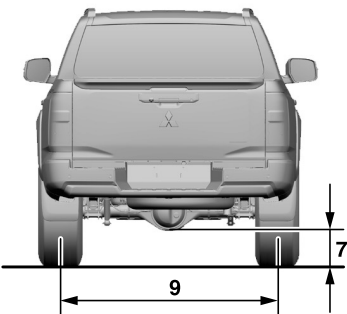
Item		2WD	2WD Hi-Rider
1	Front track	1,585 mm	1,570 mm
2	Overall width	1,865 mm	
3	Front overhang	890 mm	
4	Wheel base	3,130 mm	
5	Rear overhang	Without rear bumper	1,245 mm
		With rear bumper	1,300 mm
6	Overall length	Without rear bumper	5,265 mm
		With rear bumper	5,320 mm
7	Ground clearance (unladen)	179 mm	222 mm
8	Overall height (unladen)	1,705 mm	1,795 mm
9	Rear track	1,580 mm	1,565 mm
10	Cargo bed length	1,860 mm	
11	Cargo bed width	1,535 mm	
12	Cargo bed height	515 mm	

11

**Minimum turning radius**

Item	2WD	2WD Hi-Rider
Wheel	5.9 m	6.2 m
Body	6.3 m	6.6 m

Double cab



11

AF5108340



Vehicle dimensions

**Double cab**

Item		2WD	2WD Hi-Rider		4WD	
			exc. Athlete	Athlete	exc. Athlete	Athlete
1	Front track	1,585 mm	1,570 mm			
2	Overall width	1,865 mm	1,865 mm	1,930 mm	1,865 mm	1,930 mm
3	Front overhang	890 mm	890 mm	930 mm	890 mm	930 mm
4	Wheel base	3,130 mm				
5	Rear overhang	1,300 mm				
6	Overall length	5,320 mm	5,320 mm	5,360 mm	5,320 mm	5,360 mm
7	Ground clearance (unladen)	179 mm	222 mm			
8	Overall height (unladen)	1,705 mm	1,795 mm	1,815 mm	1,795 mm	1,815 mm
9	Rear track	1,580 mm	1,565 mm			
10	Cargo bed length	1,555 mm				
11	Cargo bed width	1,545 mm				
12	Cargo bed height	525 mm				

11

**Minimum turning radius**

Item	2WD	2WD Hi-Rider		4WD	
		exc. Athlete	Athlete	exc. Athlete	Athlete
Wheel	5.9 m	6.2 m			
Body	6.3 m	6.6 m			

**Vehicle performance**

E01100305065

**Single cab**

Item	2WD Low-Rider	4WD	
		M/T	A/T
Maximum speed	163 km/h	180 km/h, 170 km/h* <sup>1</sup>	180 km/h, 170 km/h* <sup>1</sup>

**Club cab**

Item	2WD Low-Rider	2WD Hi-Rider	
		M/T	A/T
Maximum speed	163 km/h	180 km/h	180 km/h, 177 km/h* <sup>2</sup>

**11**

**Double cab**

Item	2WD Low-Rider	2WD Hi-Rider, 4WD	
		M/T	A/T
Maximum speed	163 km/h	180 km/h	180 km/h, 177 km/h* <sup>2</sup>

\*<sup>1</sup>: Vehicles with 205R16C size tyre

\*<sup>2</sup>: Vehicles with high power engine and 265/60R18 size tyre

Vehicle weight

**Vehicle weight**

E01100411579

**Single cab**

Item	2WD		4WD		
	LA2TYJUBRU*	LA2TEJUBRU, LA2TEJUCRU	LC2TEJUCRU, LC2TELUJCRU	LC2TEJSJCRU	LC2TELSJCRU
Kerb weight	1,520 kg	1,695 kg	1,880 kg	1,875 kg	1,870 kg
Maximum gross vehicle weight	2,770 kg		3,000 kg		
Maximum axle weight	Front	1,240 kg	1,400 kg		
	Rear	1,840 kg	1,965 kg		
Seating capacity	2 persons				

**11**

\*: Cab Chassis vehicle

**Club cab**

Item	2WD Low-Rider		2WD Hi-Rider			
	LA2TCJUBRU	LA2TCJDBRU	LB2TCJDCRU	LB2TCJHJCRU	LB2TCJGJCRU	LB2TCLGJCRU
Kerb weight	1,730 kg	1,755 kg	1,835 kg	1,865 kg		1,860 kg
Maximum gross vehicle weight	2,770 kg		2,900 kg			
Maximum axle weight	Front	1,240 kg	1,500 kg			
	Rear	1,840 kg	1,920 kg			

Item	2WD Low-Rider		2WD Hi-Rider			
	LA2TCJUJBRU	LA2TCJDJBRU	LB2TCJDJCRU	LB2TCJHJCRU	LB2TCJGJCRU	LB2TCLGJCRU
Seating capacity	2 persons					

**Double cab**

**2WD vehicles**

Item	Low-Rider	Hi-Rider					
	LA2T JJDJBRU	LB2T JJDJCRU	LB2T JJHJCRU	LB2T JLHJCRU	LB2T JJGJCRU	LB2T JLGJCRU	LB2T JLPJDRU
Kerb weight	1,780 kg	1,865 kg	1,895 kg	1,890 kg	1,910 kg	1,900 kg	1,945 kg
Maximum gross vehicle weight	2,770 kg	3,000 kg					
Maximum axle weight	Front	1,500 kg					
	Rear	1,965 kg					
Seating capacity	5 persons						

**4WD vehicles**

Item	High Power		Super High Power
	LC2TJJHJCRU	LC2TJLGJCRU	LC2TJLPJDRU
Kerb weight	2,000 kg		2,045 kg
Maximum gross vehicle weight	3,000 kg		3,020 kg

## Engine specifications

Item		High Power		Super High Power
		LC2TJJHJCRU	LC2TJLGJCRU	LC2TJLPJDRU
Maximum axle weight	Front	1,580 kg		
	Rear	1,965 kg		
Seating capacity		5 persons		

## Engine specifications

E01100605491

Item	Normal Power	High Power	Super High Power
Engine models	4N16		
No. of cylinders	4 in line		
Total displacement	2,442 cc		
Bore	86.0 mm		
Stroke	105.1 mm		
Camshaft	Double overhead		
Mixture preparation	Electronic direct injection		
Maximum output (EEC net)	110 kW/3,500 rpm	135 kW/3,500 rpm	150 kW/3,500 rpm
Maximum torque (EEC net)	330 N•m/1,500 ~ 3,000 rpm	430 N•m/2,250 ~ 2,500 rpm	470 N•m/1,500 ~ 2,750 rpm

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## Electrical system

E01100805565

Item		Single turbocharger	Twin turbocharger
Voltage		12 V	
Battery	Type (EN)	LN4EFB	
Alternator capacity		95 A	180 A

 **NOTE**

- The vehicles equipped with Auto Stop & Go (AS&G) system have a dedicated AS&G battery type. Use of a different battery could cause the battery to run down quickly or AS&G system not to operate normally. Please contact an authorised MITSUBISHI MOTORS dealer when replacing the battery.

**Tyres and wheels**

E01100905771

Tyre		215/70R15C 106/104S	205R16C 110/108R	265/70R16 112S	265/65R17 112H	265/60R18 110H
Wheel	Size	15x6J	16x6JJ	16x7 1/2J	17x7 1/2J	18x7 1/2J
	Offset (Inset)	38 mm		46 mm		

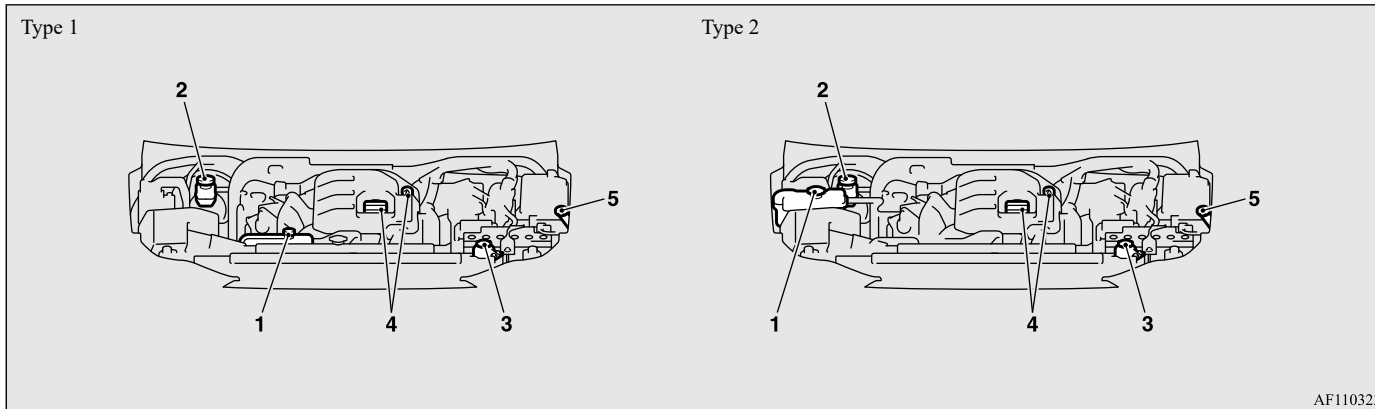
 **NOTE**

- The tyres that can be installed on your vehicle are shown on the driver's door label, refer to "Tyre inflation pressures" on page 10-12. For details, contact an authorised MITSUBISHI MOTORS dealer.

## Capacity

### Capacity

E01101308988



AF1103233

## 11

No.	Item		Quantity	Lubricants	
1	Engine coolant	Type 1	With condenser tank cap [Includes 0.65 litre in the reserve tank]	6.9 litres	MITSUBISHI MOTORS GENUINE SUPER LONG LIFE COOLANT PREMIUM or equivalent*
		Type 2	Without condenser tank cap [Includes 0.89 litre in the reserve tank]	High Power 8.5 litres Super High Power 9.0 litres	

\*: Similar high quality ethylene glycol based non-silicate, non-amine, non-nitrate and non-borate coolant with long life hybrid organic acid technology

No.	Item		Quantity	Lubricants	
2	Brake fluid		As required	Brake fluid DOT3 or DOT4	
	Clutch fluid				
3	Power steering fluid		As required	MITSUBISHI MOTORS GENUINE PSF (Power Steering Fluid)	
4	Engine oil	Oil pan	Low-Rider	6.1 litres	Refer to page 10-5
			Hi-Rider	6.8 litres	
		Oil filter		0.3 litre	
		Oil cooler		0.2 litre	
5	Washer fluid		4.1 litres	—	
6	Automatic transmission fluid		10.4 litres	MITSUBISHI MOTORS GENUINE ATF-PA	

 **CAUTION**

- For the Automatic transmission fluid, use only the MITSUBISHI MOTORS GENUINE ATF. Use of a different fluid could damage the transmission.

No.	Item		Quantity	Lubricants	
7	Manual transmission oil		2.7 litres	MITSUBISHI MOTORS GENUINE SUPER MULTI GEAR OIL API GL-4, SAE 75W-85	
8	Transfer oil		Super Select 4WD II	1.34 litres	MITSUBISHI MOTORS GENUINE NEW MULTI GEAR OIL ECO API GL-4, SAE 75W-80
			Easy Select 4WD	1.15 litres	
9	Differential oil	2WD		2.4 litres	MITSUBISHI MOTORS GENUINE Super Hypoid Gear Oil ECOLOGY API GL-5 SAE 80
		4WD	Front	1.2 litres	MITSUBISHI MOTORS GENUINE Super Hypoid Gear Oil ECOLOGY API GL-5 SAE 80
			Rear	2.4 litres	MITSUBISHI MOTORS GENUINE Super Hypoid Gear Oil ECOLOGY API GL-5 SAE 80



Capacity

No.	Item	Quantity	Lubricants
10	Refrigerant (Air conditioning)	530-570 g	HFC-134a





น.ค.ช.

เครื่องวิทยุคมนาคมนี้ ได้รับยกเว้น ไม่ต้องได้รับใบอนุญาตให้มี ใช้อุปกรณ์วิทยุคมนาคมหรือตั้งสถานีวิทยุคมนาคมตามประกาศ กสทช. เรื่อง เครื่องวิทยุคมนาคม และสถานีวิทยุคมนาคมที่ได้รับยกเว้นไม่ต้องได้รับใบอนุญาตวิทยุคมนาคม ตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498



**nacc.** | โทรคมนาคม  
กำกับดูแลเพื่อประชาชน  
Call Center 1200 (InSW)

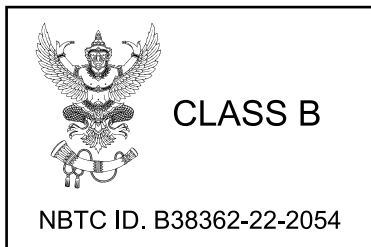


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**nacc.** | โทรคมนาคม  
กำกับดูแลเพื่อประชาชน  
Call Center 1200 (InSW)



เครื่องวิทยุคมนาคมนี้มีระดับการแผ่คลื่นแม่เหล็กไฟฟ้าสอดคล้องตามมาตรฐาน

ความปลอดภัยต่อสุขภาพของมนุษย์จากการใช้เครื่องวิทยุคมนาคมที่คณะกรรมการกิจการโทรคมนาคมแห่งชาติประกาศกำหนด

**Information for station service**

Fuel	Capacity	75 litres
	Recommended fuel	Cetane number (EN590) 51 or higher Refer to the “General information” section for the fuel selection.
Engine oil		Refer to the “Maintenance” section for the selection of engine oil.
Tyre inflation pressure		Refer to the “Maintenance” section for the tyre inflation pressure.