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# **INSTRUCTIONS BEFORE USING THE VEHICLE**

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## **Introduction to User's Handbook**

### **User's Handbook**

This Handbook describes all the standard features and functions of the vehicles within the model range. Some information may be inapplicable to your individual model.

If you have any questions about the operation and parameters of the vehicle, please contact an MG Authorised Repairer which will provide you with the best service.

The illustrations in the Owner's Handbook are for reference only.

The information contained in this Handbook may vary slightly depending on the vehicle configuration, software version and sales regions.

### **Announcement**

The strategy of our company is to make continuous improvements to the products, therefore, we reserves the right to make changes in the product without further notice after the Handbook is printed.

This Handbook includes up-to-date information as of printing. Except for personal injury caused by negligence of the manufacturer or MG Authorised Repairer, the manufacturer or MG Authorised Repairer shall not be liable for any error and its consequences, including property damage or personal injury.

# INSTRUCTIONS BEFORE USING THE VEHICLE

## Symbols Used

### Warning



*This warning symbol identifies procedures that must be followed precisely, or information that must be considered with great care, in order to reduce the risk of personal injury or serious damage to the car.*

### IMPORTANT

#### IMPORTANT

The statements stated here must be followed strictly, otherwise your car could be damaged.

### Note

**Note:** *This describes helpful information.*



This symbol indicates parts described must be disposed of by authorised persons or bodies to protect the environment.

### Asterisk

An asterisk (\*) appearing after the title or the text, identifies features or items of equipment that are only fitted to some models, and may not be fitted on the vehicle you purchased.

### Illustration Information



Identifies components being explained.

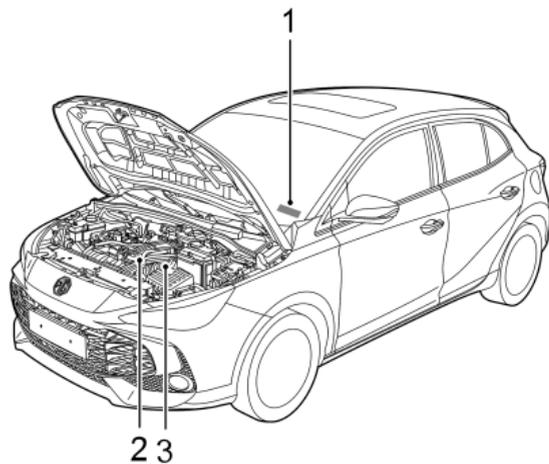


Identifies movement of components being explained.

# INSTRUCTIONS BEFORE USING THE VEHICLE

## Vehicle Identification Information

### Vehicle Identification Markings



- 1 Vehicle Identification Number (VIN)
- 2 Engine Number
- 3 Transmission Number

When communicating with your local Authorised Repairer, always quote the Vehicle Identification Number (VIN) . If

the engine or transmission is involved, it may be required to provide the identification numbers of these assemblies.

### Location of Vehicle Identification Markings

#### Vehicle Identification Number (VIN) Location

- On the floor under the front passenger seat;
- Stamped on the instrument panel, visible through the bottom left hand corner of the windscreen;
- On the identification plate;
- On the inner side of the tailgate visible by opening the tailgate.

**Note:** *The DLC of the vehicle is located above the driver side lower closure panel, and the VIN information can be read using the approved diagnostic equipment.*

#### Engine Number Location

Stamped on the front left of the engine (view from the front of the engine).

#### Transmission Number Location

On the surface of the transmission housing in the engine compartment or on the surface of the transmission valve

# INSTRUCTIONS BEFORE USING THE VEHICLE

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body cover. The transmission numbers of certain models are only visible by raising the vehicle, please contact a local Authorised Repairer.

## Vehicle Identification Plate

The vehicle identification plate contains the following information:

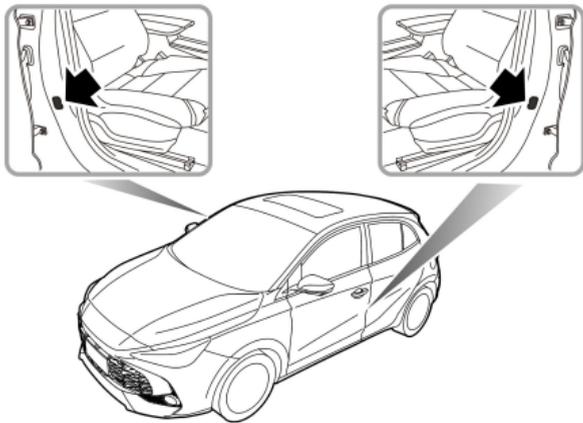
- Brand;
- Vehicle model;
- Persons in cab;
- Engine model;
- Engine displacement;
- Maximum allowable total mass;
- Manufacturing date (year and month);
- Maximum engine net power;
- Manufacturing country;
- Vehicle identification number (VIN);
- Manufacturer.

# INSTRUCTIONS BEFORE USING THE VEHICLE

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## Location of Vehicle Identification Plate

The Vehicle Identification Label is located at the lower side of right or left side B pillar.



# INSTRUCTIONS BEFORE USING THE VEHICLE

## Instructions for Use of Hybrid Vehicle\*

### Effects of Ambient Temperature

Extremely high or low temperatures will affect the performance of the high-voltage battery pack and the vehicle. It is recommended that where possible the vehicle should be used within the temperature range of -30°C~50°C . This will ensure that the vehicle is in the optimum working state, and help extend the service life of the high-voltage battery pack.

## Instructions for High Voltage Battery Pack Recycling



***If you decide not to use the recommended MG Authorised Repairer to dispose of your high voltage battery, the responsibility of the consequences of environmental pollution or accidents must be borne by the owner.***

The high-voltage battery pack contains several lithium based battery cells. Arbitrary disposal may cause pollution, hazard and damage to the environment. The high-voltage battery pack **MUST** be recycled by an MG Authorised Repairer or a professional approved dismantling agent. Please refer to the following information and requirements.

- **ONLY** qualified personnel should work with the high voltage system - there is danger of **DEATH**.
- High voltage safety: the high-voltage battery pack contains high voltage components such as lithium battery packs and high voltage wiring harness; **DO NOT** attempt to dismantle any area of this system, suitably trained professional staff must observe insulation safety protection before working on or near the high voltage system.

## INSTRUCTIONS BEFORE USING THE VEHICLE

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- **Transportation:** The high-voltage battery pack is classed as a Category 9 hazardous material and must be transported by vehicles qualified in transporting Category 9 hazardous materials.
- **Storage:** All HV components (including batteries) should be stored at room temperature and in a dry environment. They must be kept away from dangerous sources, such as flammable objects, heat and water sources.

It is strongly recommended that the used high-voltage battery pack generated from vehicle scrappage or any other reasons should be disposed of by an MG Authorised Repairer. Please consult an MG Authorised Repairer for more details.

### Precautions in the Event of an Accident



***Ensure the vehicle is in P gear and the vehicle power system/ignition is OFF.***



***If any cables on the vehicle are exposed, in order to prevent electric shock or even death DO NOT make any contact with any cable.***



***If the vehicle catches fire, and the fire is small and slow, a carbon dioxide extinguisher can be used to extinguish the fire and contact the fire services as soon as possible; if the fire is large and spreading quickly, immediately evacuate the vehicle and contact the fire services immediately.***



***If the vehicle is involved in a collision, it cannot be re-started, the negative cable of 12V battery and Manual Service Disconnect (MSD) MUST be disconnected prior to rescue.***

# INSTRUCTIONS BEFORE USING THE VEHICLE



*When the vehicle is completely or partially immersed in water, switch off the vehicle power system and evacuate the car immediately. The negative cable of 12V battery and Manual Service Disconnect (MSD) MUST be disconnected prior to rescue or as soon as the vehicle is refloated/removed from the water. Observe the water/vehicle for any abnormal signs such as excessive bubbles or noises, this may indicate battery short circuit issues. If no signs are evident, there should not be a shock risk from the bodywork and recovery can commence.*



*After the accident is resolved, please contact an MG Authorised Repairer for maintenance.*

## High Voltage System



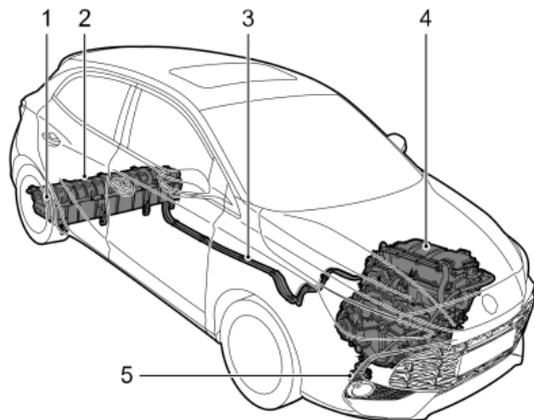
*All high voltage components have warning labels attached - please observe these warnings and any requirements when operating within or close to these areas.*



*ONLY qualified personnel should work on, or with, the high voltage system - there is danger of DEATH.*

# INSTRUCTIONS BEFORE USING THE VEHICLE

The high voltage system component layout is shown below:



- 1 Manual Service Disconnect (MSD)
- 2 High Voltage Battery (ESS)
- 3 High Voltage Harness
- 4 Electric Drive Transmission
- 5 Electric A/C Compressor

# INSTRUCTIONS BEFORE USING THE VEHICLE

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## Crash Outage Control

If a serious collision occurs, the vehicle will automatically cut off the high-voltage output to ensure personal safety.





## Brief Introduction to Vehicle Functions

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# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

## Instrument Pack

### Instrument Pack - Type A (HEV Models)



- 1 Active Safety
- 2 Warning Lights and Indicators
- 3 Speedometer
- 4 Message Centre
- 5 HEV Mode
- 6 Energy Recovery Mode
- 7 Power Meter
- 8 Driving Mode
- 9 Fuel Gauge and Driving Range
- 10 Power System Status
- 11 Engine Coolant Temperature
- 12 Gear Display

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

## Instrument Pack - Type B (Gasoline Models)

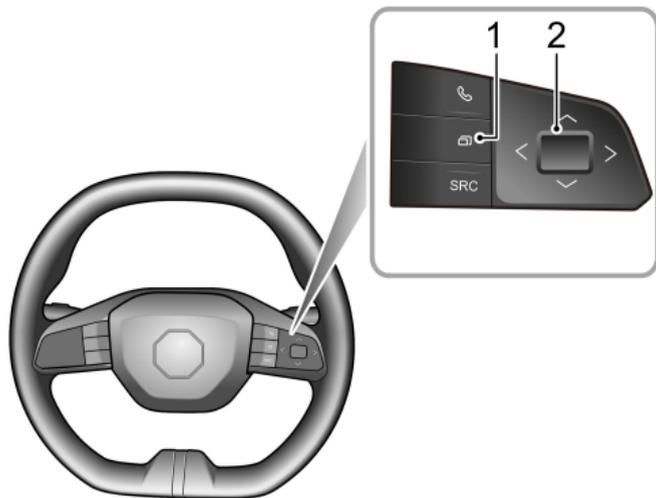


- 1 Active Safety\*
- 2 Warning Lights and Indicators
- 3 Speedometer
- 4 Message Centre
- 5 Tachometer
- 6 Fuel Gauge and Driving Range
- 7 Engine Coolant Temperature
- 8 Gear Display\*

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

## Instrument Message Display Operation

The functions of message centre can be displayed by selecting the buttons on the right side of the multi-functional steering wheel after the vehicle is powered on, as follows:



1 Infotainment/Instrument Switching Button

The function adjustment button ( 1 ) is a multi-use key. It can be shifted to instrument adjustment button or infotainment adjustment button when the infotainment/instrument switching button is pressed.

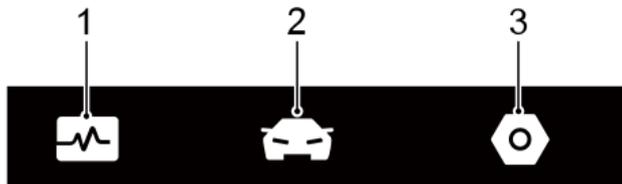
### 2 Function Adjustment Button ( OK button)

- Push the button up, down, left and right to switch the display items of message centre.
- Push the button up and down to make adjustments.
- Short press the button to confirm, or long press to reset.

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

## Message Centre

The message centre provides the followings:



- 1 Health Centre
- 2 Trip Computer
- 3 Settings

## Warning Message

The message centre of instrument pack displays the warning messages by pop-up box. The warning messages are mainly classified into:

- Operation Instructions
- System State Prompts
- System Malfunction Alert

Please follow the text prompts or refer to relevant control system sections for the failure cause and appropriate solutions.

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

## Warning Lights and Indicators

When the vehicle is starting or traveling, if the warning lights or indicators appear on the instrument, it indicates that the relevant system is in a certain state or is faulty. Some warning lights illuminate or flash with warning tones or prompt message.

Please carefully read the following instructions to understand the meaning of relevant warning lights and indicators. In case of a failure, please take corresponding measures in time and contact an MG Authorised Repairer for service as soon as possible.

Name	Icon	Description
Dipped Beam Indicator		Dipped beam headlamp is turned on.
Main Beam Indicator		Main beam headlamp is on.
Automatic Headlamp Indicator*		The auto headlamp function is enabled.
Side Lamp Indicator		Side lamp is on.

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

2

Rear Fog Lamp Indicator		The rear fog lamps are turned on.
Front Fog Lamp Indicator*		The Front Fog Lamps are turned on.
Direction Indicator Lamp		<p>When the left or right turn signal lamp flashes, the direction indicator lamp on the corresponding side also flashes. If the hazard warning lamps are turned on, both direction indicator lamps will flash simultaneously.</p> <p>If either direction indicator lamp in the instrument pack flashes very rapidly, it indicates the turn signal lamp on the corresponding side has failure.</p>
Airbag Warning Lamp		There is a failure in the SRS or seat belt. Stop the car as soon as safety permits and power off the vehicle. Otherwise there may be a risk that SRS system or seat belt cannot work properly when the crash accident occurs.
Untied Seat Belt Warning Lamp		If this lamp illuminates or flashes, it indicates that the seat belt for an occupied front seat remains unfastened.

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

Anti-theft System Warning Lamp		If this lamp illuminates, it indicates that no valid key is detected, in which case please use the correct key, or put the smart key in the alternative starting position. For details, refer to "Alternative Starting Procedure" in "Starting and Driving" section.
Tyre Pressure Monitoring System ( TPMS ) Warning Lamp*		If this lamp illuminates, it indicates that the tyre pressure is low. Please check the tyre pressure.  If this lamp flashes and then remains ON after a period of time, it indicates the system has a failure.

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

2

<p>Electric Power Steering System ( EPS ) Warning Lamp / Electronic Steering Column Lock ( ESCL ) Warning Lamp*</p>		<p>If this lamp illuminates, it indicates that the electric power steering system has a general failure, and its performance is reduced. Please restart the vehicle; if the lamp stays on, a short period driving to ancontact an MG Authorised Repairer can be supported.</p> <p>If this lamp flashes, it indicates that the electronic steering column lock has a failure, Stop the car as soon as safety permits and turn off the start switch.</p> <p>If it flashes for a while and then goes out, it means the steering wheel is locked. Please try turning the steering wheel left or right.</p>
		<p>If this lamp illuminates, it indicates that the electric power steering system has a general failure relevant to steering angle. Please restart the vehicle; if the lamp stays on, a short period driving to an contact an MG Authorised Repairer can be supported.</p> <p>If this lamp flashes, it indicates that the electric power steering system has a severe failure, making it hard to steer. Stop the car as soon as safety permits and seek an contact an MG Authorised Repairer urgently.</p>

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

<p>Dynamic Stability Control/Traction Control System Warning Lamp</p>		<p>If this lamp illuminates, it indicates that the dynamic stability control system/traction control system has failed.</p> <p>If this lamp flashes while driving, it indicates that the system is operating to assist the driver.</p>
<p>Dynamic Stability Control System OFF Warning Lamp</p>		<p>The dynamic stability control/traction control system is turned off.</p>
<p>AUTO HOLD System Status Indicator Lamp*</p>		<p>The AUTO HOLD system is operating to assist the driver.</p>
		<p>The AUTO HOLD system has a failure.</p>
		<p>The AUTO HOLD system function is activated in Standby state.</p>

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

2

<p>Electronic Parking Brake ( EPB ) System Indicator Lamp*</p>		<p>If this lamp illuminates, it indicates that the EPB is enabled.</p> <p>If this lamp flashes, it indicates that the vehicle is parked on a slope with excessive angle or the electronic parking brake system failed, in which case please park the vehicle on the safe road surface.</p> <p>For the manual parking brake, if this lamp illuminates, it indicates that the handbrake is pulled up.</p>
<p>Electronic Parking Brake ( EPB ) System Malfunction Indicator Lamp*</p>		<p>It indicates that the EPB system has a failure.</p>
<p>Brake System Malfunction Indicator Lamp</p>		<p>The brake system has a failure, please stop the car as soon as safety permits and turn off the start switch.</p> <p>Low brake fluid level.</p>
<p>ABS Malfunction Indicator Lamp</p>		<p>Anti-lock brake system fails.</p> <p>If an ABS failure occurs while driving, the ABS function will be disabled while normal braking will still be available.</p>

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

<p>Low-voltage Battery Charging System Malfunction Indicator Lamp</p>		<p>If this lamp illuminates after starting the car, it indicates that low-voltage battery charging system failed.</p> <p>If this lamp flashes, it indicates low battery, the prompt message will appear in the instrument pack. Then the system will restrict or turn off some electrical appliances, please start the vehicle to charge the low-voltage battery.</p>
<p>Engine Coolant Temperature Warning Lamp</p>		<p>When the engine coolant temperature warning lamp illuminates red, it indicates that the coolant temperature is high. High engine coolant temperature could result in severe damage. Please stop the car as soon as safety permits, turn off the START/STOP Switch and contact an MG Authorised Repairer immediately.</p> <p>If this lamp flashes, it indicates that the engine water temperature sensor has a failure. Please stop the car as soon as safety.</p>
<p>Engine Malfunction Warning Lamp</p>		<p>If this lamp illuminates, it indicates that there are some faults that seriously affect the engine performance. Please stop the vehicle as soon as safety permits, turn off the START/STOP Switch and contact a local MG Authorised Repairer for service immediately.</p>

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

2

<p>Engine Emissions Malfunction Warning</p>		<p>After the vehicle is started, the lamp illuminates, it indicates an engine emission fault, continued driving may cause damage to the catalytic converter, it is recommended to stop the vehicle as soon as possible under permitted conditions and turn off the start switch.</p> <p>After the vehicle is started, The lamp flashes, it indicates a serious engine misfire fault. Please stop the vehicle as soon as possible and turn off the start switch under safe conditions.</p>
<p>ECO energy-saving driving mode indicator light*</p>		<p>This lamp illuminates to indicate that the vehicle is in an energy-saving driving state</p>
<p>Particle Trap Warning Lamp</p>		<p>After the vehicle starts, the light illuminates to indicate that the particulate filter needs to be regenerated or is currently being regenerated</p> <p>After the vehicle starts, the light flashes to indicate that the particulate trap is saturated.</p>
<p>Low Oil Pressure Warning Lamp</p>		<p>If this lamp illuminates after starting the vehicle, it indicates that the oil pressure is too low, which may result in severe engine damage. Please stop the vehicle as soon as safety permits, turn off the START/STOP Switch.</p>

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

Low Fuel Warning Lamp		<p>If this lamp illuminates or flashes, it indicates that the fuel remaining in the fuel tank is low. If possible, please refuel before the low fuel warning lamp illuminates.</p> <p>When the fuel in the tank exceeds the alert line, this lamp extinguishes. If not, please contact a local MG Authorised Repairer for service as soon as possible.</p>
Start Stop System Indicator		<p>This lamp illuminates, it indicates that Start Stop System is activated.</p> <p>If this lamp flashes, it indicates that the Start Stop System active fail.</p>
Start Stop System Warning Lamp*		<p>This lamp illuminates, it indicates that Start Stop System has detected a fault.</p>
System Failure Message Indicator		<p>The vehicle has warning information. Please view the failure message or important prompt message in the message centre. Refer to "Instrument Pack" in this section.</p>

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

2

Constant Speed Cruise Control System Indicator Lamp*		The constant speed cruise control system is in Standby mode.
		The constant speed cruise control system is activated.
Adaptive Cruise Control System Indicator Lamp*		The adaptive cruise control system is activated and not in Standby state.
		The adaptive cruise control system is in Standby state.
		The adaptive cruise control system is activated.

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

Speed Limit Assistance System Indicator Lamp*		Manual speed limit assistance system is in Standby state.
		If this lamp illuminates, it indicates that the manual speed limit assistance system is activated.  If this lamp flashes, it indicates that current speed is greater than the speed limit value.
		The intelligent speed limit assistance system is in Standby state.
		The intelligent speed limit assistance system is activated.
Cruise/Speed Limit System Malfunction Indicator Lamp*		The constant speed cruise control system, adaptive cruise control system or speed limit assistance system has a failure.
Speed Limit Sign Speed Indicator Lamp*		“ NNN ” indicates the speed limit sign speed currently identified. When the vehicle speed is greater than the speed limit value, the lamp will flash.  “ — ” indicate the speed limit sign not recognized.

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

2

Speed Limit Sign Ancillary Information Warning Lamp*		The speed limit sign currently identified has ancillary information. Please check.
		The road sign speed limit was not recognized and currently only the sound alarm is turned off. After a period of time, the sound alarm turn off icon in the lower left corner disappears.
		The road sign speed limit was recognized and currently only the sound alarm is turned off. After a period of time, the sound alarm turn off icon in the lower left corner disappears.
		Recognize the conditional speed limit and only the sound alarm is currently turned off. After a period of time, the sound alarm turn off icon in the lower left corner disappears.
		Simultaneous shutdown of overspeed alarm and intelligent speed limit assist system.
		Overspeed alarm fault.

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

Traffic Jam Assist System Indicator Lamp*		Traffic jam assist system is activated and not in Standby state.
		The traffic Jam assist system is in Standby state.
		The traffic Jam assist system is activated.
		The traffic Jam assist system has a failure.
Forward Collision Assist System Indicator Lamp*		<p>If this lamp illuminates, it indicates any function of the forward collision assist system is disabled.</p> <p>When the functions of the forward collision assist system are fully enabled, if the lamp stays on, it indicates that forward collision assist system cannot work properly.</p> <p>If this lamp flashes, it indicates that forward collision function activated.</p>

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

2

<p>Rear Driving Assistance System Indicator*</p>		<p>If the rear drive assist system is turned off, this lamp illuminates with prompt messages</p> <p>If any of the rear driver assist sensors are obscured or if the system detects a fault, this lamp will illuminate, accompanied by prompt messages.</p>
<p>Power Battery Failure*</p>		<p>This lamp will flash if the high voltage battery temperature is too high. Please stop the car as soon as safety permits, power off the vehicle, and leave the vehicle immediately. Contact an MG Authorised Repairer at the earliest opportunity.</p>
<p>Driving Power Limited Indicator*</p>		<p>This lamp will illuminate if the vehicle power has been limited.</p>
<p>Motor Fault Warning Lamp*</p>		<p>When the light is on, there is a malfunction in the electric drive transmission motor or power electronic box.</p>
<p>Driver Status Indicator*</p>		<p>When the driver monitoring system has failed or is temporarily unavailable, the status indicator remains illuminated in yellow. If driver fatigue or distraction is detected, the yellow warning status indicator lamp will flash.</p>

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

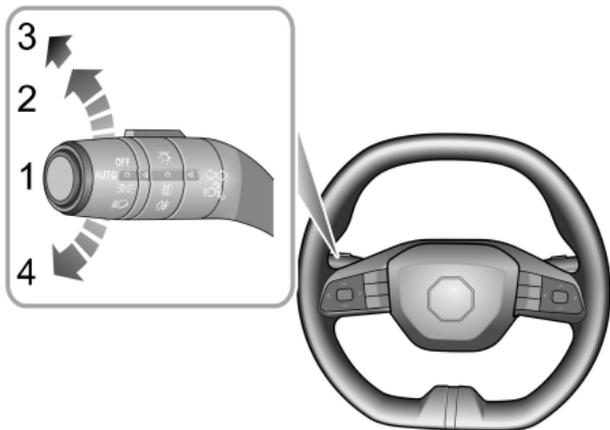
Trailer Warning Lamp*		A trailer lamp has failed.
Lane Keeping Assist System Indicator*		<p>If this lamp illuminates, it indicates that the lane keeping assist system has detected a fault or turn off.</p> <p>If this lamp flashes, it indicates that the lane keeping function is activated.</p>
eCall SOS Indicator*		The system is ready and an emergency service call (eCall) is in progress.
		The eCall system can send out a vehicle message to the call centre, but other eCall capabilities are limited due to a fault in the system.
		If the eCall system has failed and not operational, the indicator illuminates red.

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

2

## Lights and Switches

### Master Lighting



- 1 AUTO Lamp
- 2 Side Lamp/Switch Backlights
- 3 Headlamp
- 4 AUTO Lamp Off

### AUTO Lamp

With the vehicle power in ACC position, the AUTO lighting system is active by default (position 1 ). The system will automatically switch the side lamps and switch backlights on and off according to the intensity of current ambient light.

With the vehicle power in ON/RUNNING/READY position, the AUTO lighting system will automatically switch the dipped beam headlamps, side lamps and switch backlights on and off according to the intensity of current ambient light.

**Note:** This function is realized by a sensor mounted in your vehicle to monitor the exterior light levels in real time. It is installed in the upper part of the dashboard near the windscreen. DO NOT mask or cover this area. Failure to adhere to this may result in the headlamps being turned on unnecessarily.

### Side Lamp/Switch Backlights

When the vehicle power is in ACC position, rotate the master light switch to position 2 to switch on the side lamps and switch backlights.

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

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When the vehicle power is in ON/RUNNING/READY position, rotate the master light switch to position 2 to switch on the daytime running lamps, rear side lamps and switch backlights.

With the vehicle power in the OFF position, if the side lamps are on and the driver's door is open, an audible alarm will sound. The message centre will display "Lights On".

## Headlamps

When the vehicle power is in ON/RUNNING/READY position, rotate the master light switch to position 3 to switch on the dipped beam headlamps, side lamps and switch backlights.

## Light Off

Turn the master light switch to position 4 to switch off the AUTO lamp. Release the switch, and it returns to position 1 automatically.

## Daytime Running Lamps

The daytime running lamps turn on automatically when the vehicle power is in position ON/RUNNING/READY

. When the dipped beam is on, the daytime running lamps extinguish automatically.

## Welcome Light

When the vehicle is unlocked, the system will turn on the corresponding external lights automatically to show welcome according to the current intensity of ambient light.

## Follow Me Home

After the vehicle power is turned off, pull the light lever towards the steering wheel. Follow Me Home function is enabled. The corresponding external lights will illuminate.

## Headlamp Levelling

The headlamp levelling can be adjusted as per the following table according to the vehicle load.

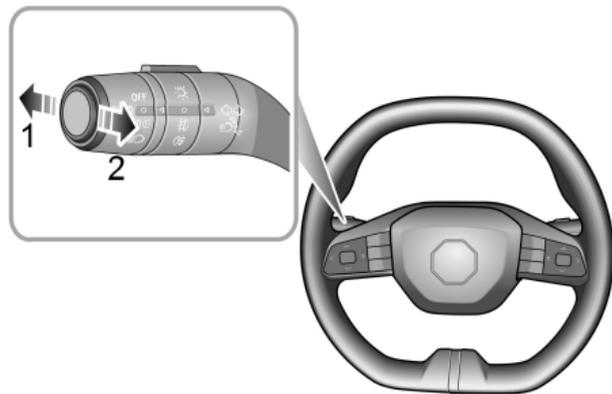
## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

Location	Load
0	Driver, or driver & front passenger
1	All the seats occupied with no load in the trunk.
2	All the seats occupied plus an evenly distributed load in the trunk.
3	Driver only, plus an evenly distributed load in the trunk.

### Switching between Main Beam and Dipped Beam Headlamps



*Take care not to dazzle oncoming vehicles when switching between the main and dipped beams.*



## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

### Manual Switching between Main Beam and Dipped Beam Headlamps

With the vehicle power in ON/RUNNING/READY position and the dipped beam headlamps illuminates, push the light stalk lever ( 1 ) towards the instrument panel to turn on the main beams, and the main beam indicator on the instrument pack illuminates. Push or pull the lever ( 1 or 2 ) once again to switch to dipped beams.

### Main Beam Flash

Repeatedly pull the lever ( 2 ) towards the steering wheel, and the main beams will flash.

### Smart Main Beam System\*



*The Automatic High Beam serves only as an auxiliary function. The driver must check the status of the front lamps and turn on the front lamps when necessary.*



*The Automatic High Beam may not operate normally in the following cases, operation is not limited to the following and so the main and dipped beams should be switched manually:*

- *The windscreen is dirty, broken or obstructed by other objects blocking the view of the sensor.*
- *The headlamps of other vehicles are obstructed or blocked and cannot be detected.*
- *When pedestrians, non-motor vehicles and other objects with no obvious light or reflected light are encountered.*
- *When the headlamps and tail lamps of other vehicles cannot be detected due to the sensor view being impaired due to undulating road conditions such as bends, dips or hills.*
- *When the car is driving on a winding road or mountainous road.*
- *The wiper switch is in the 'Fast Wipe' position.*

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

Smart main beam system detects the light intensity of the vehicle ahead by the front view camera, and the main beams can be turned on or off once certain conditions are met. When the smart main beam system is enabled, smart main beam indicator on the instrument pack illuminates.

With the automatic control, when it is dark and there is no vehicle in the surroundings, the system will turn on the main beams; when it is quite bright or the system detects the headlamps or tail lamps ahead, the system will turn off the main beams.

To enable the smart main beam system, the following conditions should be met:

- 1 The lighting lever switch is placed in AUTO position and the dipped beams automatically turn on.
- 2 The vehicle is running with the speed exceeding 40 km/h.
- 3 Front fog lights not turned on.\*

The vehicle will exit the smart main beam system if the following conditions are met. With the system exited, quick pushing the main beam ON switch twice towards the instrument panel will enter the smart main beam system

again. Only 3 exits is allowed in a start cycle. If it is exited for over 3 times, this function will not be enabled in the current start cycle:

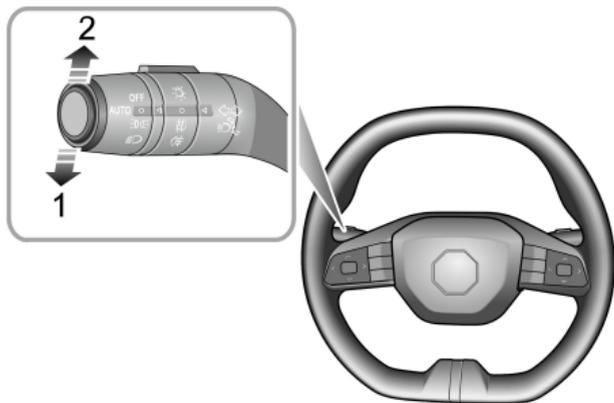
- When the smart main beam system is enabled and dipped beam headlamps are automatically turned on, manually switch to main beams.
- When the smart main beam system is enabled and main beams are automatically turned on, manually switch to dipped beams.
- When the smart main beam system is enabled and main beams are automatically turned on, toggle the main beam flashing switch.

### IMPORTANT

Some models are equipped with front view camera which is located at the top centre of the windscreen and can control the smart main beam system. Always keep the windscreen in this area free of any residues, so as to keep the optimal performance of the system.

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

### Turn Signal Lamps



With the vehicle power in ON/RUNNING/READY position, push the lighting lever downward ( 1 ) to turn on the left turn signal lamp; push the lever upward ( 2 ) to turn on the right turn signal lamp. The corresponding GREEN indicator lamp in the instrument pack will flash when the turn signal lamps are working.

After resetting the steering wheel, the lever will be automatically reset, and the turn signal lamps go off. But if the steering wheel angle is small, manually reset the lever to turn off the turn signal lamps. If briefly moved and released, the lever will reset immediately. The turn signal lamps and direction indicator lamps will flash three times and then go out.

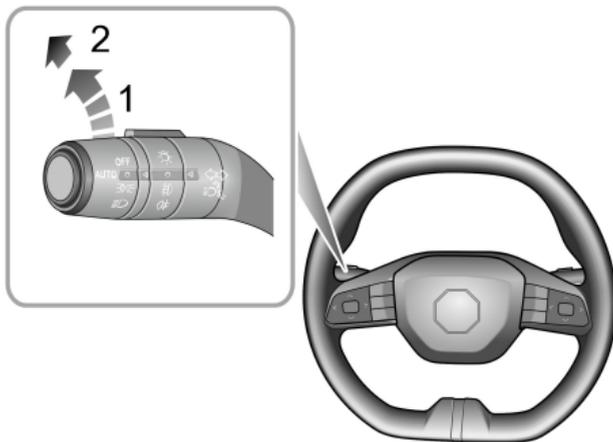
# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

2

## Fog Lamps



*In severe conditions (during foggy weather for instance), the fog lamps can provide additional light and improve visibility. Do not use the fog lamps in clear conditions as this will dazzle pedestrians and/or other road users.*



## Front Fog Lamps\*

With the vehicle power in ON/RUNNING/READY position and the headlamps turned on, turn the switch to position 1 to turn on the front fog lamps. The indicator illuminates on the instrument panel when the front fog lamps are on.

## Rear Fog Lamps

With the vehicle power in ON/RUNNING/READY position and the headlamps turned on, turn the switch to position 2 to turn on the rear fog lamps. The indicator illuminates on the instrument panel when the rear fog lamps are on.

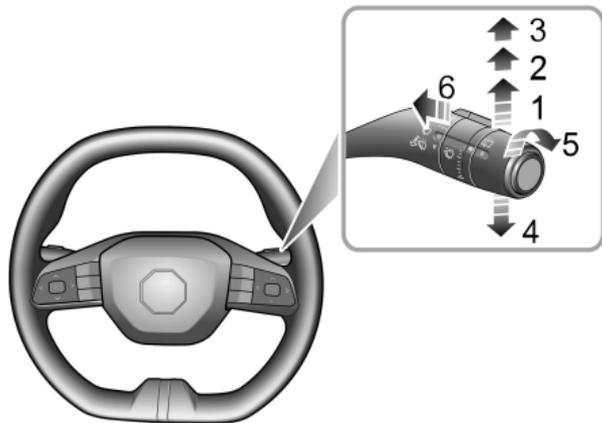
## Hazard Warning Lamps

Press the hazard warning lamp button at the middle of the centre vents  to operate the hazard warning lamps. All turn signal lamps and direction indicator lamps will flash together. Press the button again to switch off the hazard warning lamp. All turn signal lamps and direction indicator lamps will stop flashing.

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

### Wipers and Washers

#### Windscreen Wiper and Washer Operation



When the vehicle power is in ACC/ON/RUNNING/READY position, the front wiper and washer will operate. Operate the lever to select different wiping modes:

- Automatic wipe ( 1 )
- Slow speed wipe ( 2 )

- Fast speed wipe ( 3 )
- Single wipe ( 4 )
- Automatic wipe speed adjustment\*/Rain sensor sensitivity adjustment\* ( 5 )
- Wash and wipe ( 6 )

#### Automatic wipe

By pushing the lever up to the automatic wipe position ( 1 ), the wipers will operate automatically.

Turn the switch ( 5 ) to adjust the automatic wipe speed for models without rain sensor. This speed will also change with the vehicle speed. As the vehicle speed increases, the wiping interval decreases. As the vehicle speed decreases, the wiping interval increases.

Turn the switch ( 5 ) to adjust the sensitivity of rain sensor for models equipped with a rain sensor. As the sensitivity increases, the wiping interval decreases. Rain sensor is equipped in the interior rearview mirror base to detect varying amounts of water outside of the windscreen. With automatic wipe, the vehicle will adjust the wiping speed according to the signals provided by rain sensor.

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

2

**Note:** When increasing the sensitivity of rain sensor, the wiper will operate once immediately; if the rain sensor detects continuous rainwater, the wiper will keep working. When no rain is detected, it is recommended to switch off automatic wipe.

## Slow speed wipe

By pushing the lever up to the slow speed wipe position ( 2 ), the wipers will operate slowly.

## Fast speed wipe

By pushing the lever up to the fast speed wipe position ( 3 ), the wipers will operate at fast speed.

## Single wipe

Pressing the lever down to single wipe position ( 4 ) and releasing will operate a single wipe. If the lever is held in single wipe position ( 4 ), the wipers will operate continuously until the lever is released.

**Note:** When the car is stationary, if the bonnet is opened, the front wiper/washer operation will be disabled.

### IMPORTANT

- Avoid operating the wipers on a dry windscreen.
- In freezing or extremely hot conditions, make sure that the wiper blades are not frozen or adhered to the windscreen.
- In winter, remove snow or ice from around the wiper arms and blades, including the wiped area of the screen.

## Wash and wipe

Pulling the lever toward the steering wheel ( 6 ) will operate the front windscreen washers. After a short delay, the wipers will commence operating in conjunction with the washers.

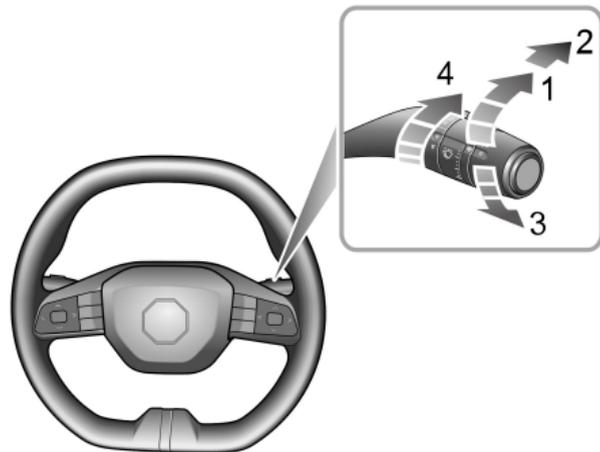
**Note:** The wipers continue operating for three wipes after the lever switch is released. After several seconds, there will be a further wipe to remove any washer fluid from the windscreen.

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

### IMPORTANT

If the washers fail to deliver the screen wash solution (dirt or ice may have blocked the jets), release the lever immediately. This will prevent the wipers from operating and the consequent risk of visibility being impaired by dirt smearing across the unwashed windscreen.

### Rear Window Wiper and Washer Operation\*



When the vehicle power is in ACC/ON/RUNNING/READY position, the rear wiper and washer will operate. Operate the lever to select different wiping modes:

- Intermittent wipe ( 1 )
- Wash and wipe ( 2 or 3 )
- Wipe interval adjustment ( 4 )

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

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## Intermittent wipe

If the rear wiper switch is turned to intermittent wipe ( 1 ), the rear wiper will operate. It will complete 3 continuous wipes before changing to intermittent mode. The interval between the wipes can be increased/decreased via the switch ( 4 ).

## Wash and wipe

If the rear wash and wipe ( 2 ) is selected, the rear wiper and washer will operate together, and the rear wiper will move fast. If the switch is released to intermittent wipe ( 1 ), the rear washer will stop operating.

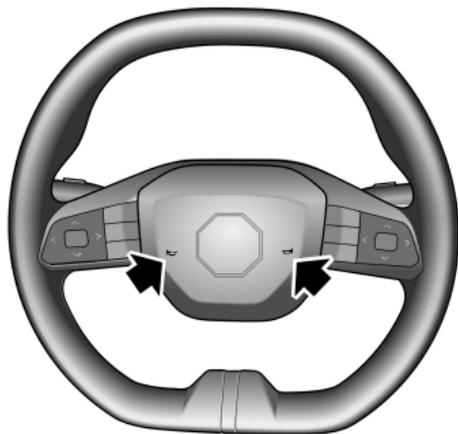
If the rear wipe and wash ( 3 ) is selected, the rear wiper and washer will operate together. If the switch is released to off position, the rear wiper and washer stop operating. After several seconds, there will be a further wipe to remove any fluid draining down the screen.

**Note:** *When the tail gate is opened, rear wiper operations will be disabled.*

**Note:** *If the windscreen wipers are switched on and Reverse (R) gear is selected, the rear wiper will operate.*

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

### Horn



#### IMPORTANT

To avoid accidents, please do not press with excessive force or hit the cover when operating the horn.

Press the horn button area on the steering wheel (as indicated by the arrow) to operate the horn.

**Note:** *The horn switch area on the steering wheel is also the cover plate of the driver's frontal airbag. The illustration shows the position of the horn (indicated by arrow), please ensure that you press in this area to avoid any potential conflict with the operation of the airbag.*

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

## Rearview Mirrors

The rearview mirrors consist of exterior rearview mirrors in the front of the vehicle on the left and right sides and interior rearview mirrors in the front of passenger compartment. They are used to reflect the situations behind or on both sides of the vehicle, thus expanding the driver's field of view.

The rearview mirrors are safety-critical parts. Proper use and reasonable mirror angle adjustment can improve the driver's driving safety and comfort.

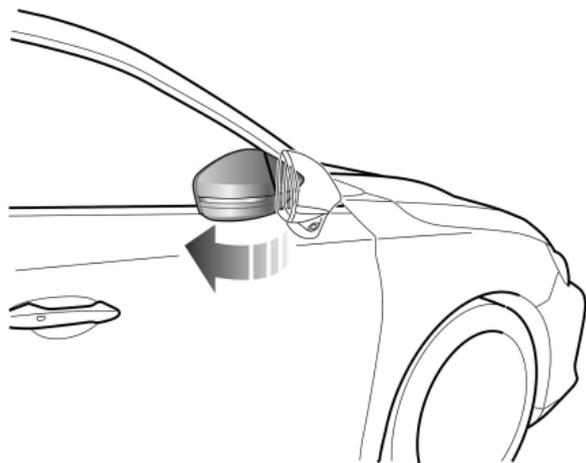
## Exterior Rearview Mirrors

The exterior rearview mirrors, as the widest parts mounted on the vehicle, are especially vulnerable in the collision event. The exterior rearview mirrors feature a manual or electric folding function, this helps avoid damage and allows folding when manoeuvring through narrow passages.

In addition to the folding function, each exterior rearview mirror features electric angle adjustment and heating elements, which can effectively remove frost or mist on the mirror.

**Note:** *The vehicles or objects behind viewed in exterior rearview mirrors may appear further away than they actually are.*

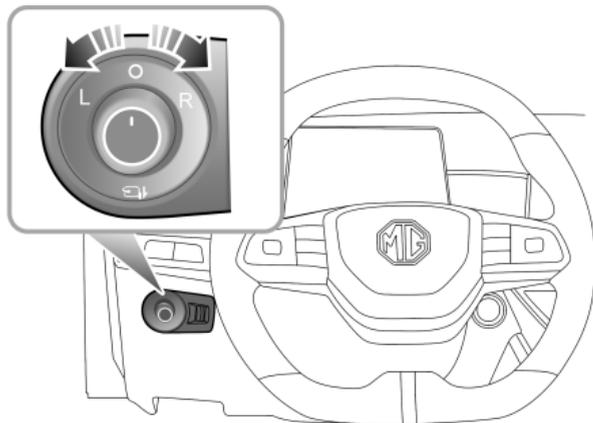
## Manual Folding \*



For vehicles fitted with the manual exterior rearview mirror folding option, the exterior mirrors can only be folded backwards manually and return to their original position by being pushed forward.

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

## Electric Folding\*



For vehicles fitted with electric door mirror folding, When the vehicle is powered on, rotate the knob to the middle position ( O ), and push the knob down. The door mirrors will be folded automatically. Pushing the knob downwards again will return the mirrors to their original position.

**Note:** *While unlocking/locking the vehicle, the exterior rearview mirrors will be deployed/folded automatically.*

**Note:** *For vehicles equipped with power folding exterior rearview mirrors, if the exterior mirror deviates from original position due to human or other factors, it can restore to the original position by operating the folding switch to make the exterior mirror fold and deploy once.*

## Electric Adjustment of Exterior Rearview

### Mirrors

- Rotate the round knob in the middle to select left ( L ) or right ( R ).
- Move the knob in the desired direction to adjust the angle of the exterior mirror glass.
- Upon completion of the adjustment, rotate the knob back to the central position, this will ensure no accidental adjustment of the mirror.

### Mirror Glass Heating\*

The exterior rearview mirrors have integral heating elements which disperse ice or mist from the glass.

The heating elements operate while the Heated Rear Window is switched on, that is, only when the vehicle is powered on, and the heated rear window is turned

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

on,  the heating function of the exterior rearview mirrors will work.

### IMPORTANT

- The electric adjustment and regulation of mirrors are operated using the electric switch, operating them directly by hand may result in the failure of related devices.
- Washing or flushing door mirrors with high pressure water jets or car washes may result in electrical motor failure.

### Interior Rearview Mirror

Before driving, adjust the body of the interior rearview mirror to achieve the best possible view. The anti-dazzle function of the interior rearview mirror helps reduce glare from the headlamps of following vehicles at night.

### Manual Anti-dazzle Interior Rearview Mirror



Move the lever at the base of the interior rearview mirror to change its angle, so as to achieve the anti-dazzle function. Normal visibility is restored by pulling the lever back again.

**Note:** *In some circumstances, the view reflected in a manual anti-dazzle mirror can confuse the driver as to the precise location of following vehicles.*

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

## Windows



*Please correctly operate the windows to avoid danger. The driver shall instruct passengers on how to use windows and tell them safety precautions.*

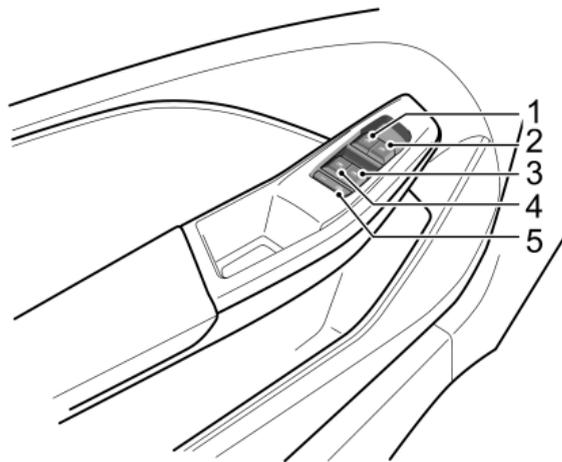


*Ensure children are kept clear when raising or lowering a window.*



*DO NOT operate the power window controls continuously several times in a short time frame, otherwise the power window controls may be disabled to protect the motor. If this occurs, please wait a few seconds until the motor cools down. Do not disconnect negative battery during the time.*

## Power Operated Window Switch

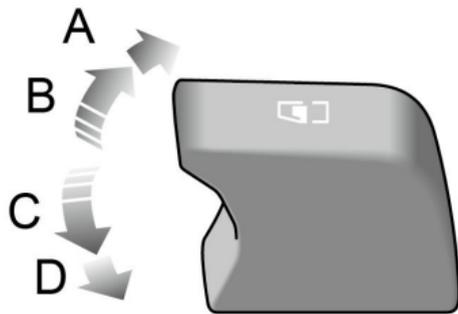


- 1 Front Left Window Switch
- 2 Front Right Window Switch
- 3 Rear Right Window Switch
- 4 Rear Left Window Switch
- 5 Rear Window Isolation Switch

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

## Window Operation

The electric windows can be operated when the vehicle is powered on (Doors should be closed during operation).



Press the window control switch ( 1 ~ 4 ) down to the 1st position (Position C ) to lower the window, and pull the switch up to the 1st position (Position B ) to raise the window. The window will stop moving as soon as the switch is released.

## One-Touch Down

Press the window control switch ( 1 ~ 4 ) down to the 2nd position (Position D ) and release, the window automatically descends to fully open. Window movement can be stopped at a desired position at any time by operating the corresponding switch during descent.

## One-Touch Up with Anti-pinch\*

Depending on vehicle specification, some windows may have the "One-Touch" Up and "Anti-pinch" function. Lifting the switch ( 1 ~ 4 ) to the 2nd position (Position A ) and releasing will automatically close the window completely. Window movement can be stopped at a desired position at any time by briefly operating the switch again during ascent.

The 'Anti-pinch' function is a safety feature which prevents the window from ascending and allows the window to descend automatically a certain distance if an obstacle is sensed.

**Note:** *The front and rear passenger windows can also be operated by the individual window switch mounted on each door. If the rear window isolation switch has been activated, the window switches on rear doors will not work.*

## **BRIEF INTRODUCTION TO VEHICLE FUNCTIONS**

---

### **Rear Window Isolation Switch**

Press the switch ( 5 ) to isolate the rear window controls (an indicator lamp in the switch illuminates), and press again to restore control.

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

## Sunroof\*

The sunroof assembly consists of the electric sunroof glass and the sunshade.

- Clean the glass with cleaning solvents such as alcohol;
- Upon completion of the sunroof operation, release the switch in time. Otherwise it may result in failure.

2

### Instructions for Use



***DO NOT allow passengers to lean out of an open sunroof whilst the vehicle is in motion. Injuries may occur from objects such as tree branches.***



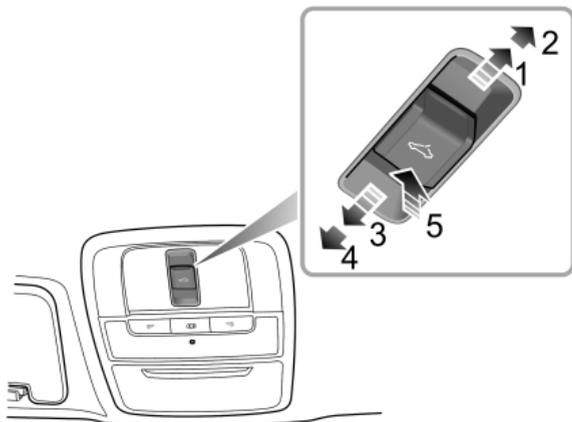
***Safety of the vehicle occupants must be observed at all times. DO NOT allow limbs to be placed in the moving path of the sunroof at any time, injury may occur.***

- Do not open the sunroof in rainy days;
- It is not recommended to open the sunroof at high speed;
- Open the sunroof only after draining off the water on the sunroof glass, otherwise water leakage may occur on the sunroof;
- Frequently lubricate and clean the sunroof mechanism and water drainage groove;

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

### Sunroof Operation

When the Start switch is in ACC or ON/RUNNING position, the sunroof can be operated.



### Open the sunroof

#### *Tilt Open*

Press the sunroof switch( 5 ), the rear edge of the sunroof will automatically tilt and open. You can stop

the movement of the sunroof at any time by pressing the sunroof switch again.

#### *Slide Open*

Push the sunroof switch backwards to the 1st position( 1 )and hold, the sunroof will manually slide open. You can stop the movement of the sunroof at any time by releasing the switch. Push hard the sunroof switch backwards to the 2nd position ( 2 ) and then release, the sunroof will automatically open to the end. You can stop the movement of the sunroof at any time by pushing the switch backwards again.

#### *Close the Sunroof*

Push the sunroof switch frontwards to the 1st position ( 3 ) and hold, the sunroof will manually close. You can stop the movement of the sunroof at any time by releasing the switch. Push hard the sunroof switch frontwards to the 2nd position ( 4 ) , and then release, the sunroof will automatically close to the end. You can stop the movement of the sunroof at any time by pushing the switch frontwards again.

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

---

## "Anti-trap" Function\*

When the sunroof is being closed by sliding automatically, it will stop closing and open automatically after encountering an obstacle to allow to remove the obstacle.

**Note:** *The anti-trap function of sunroof glass only works when it is being closed by sliding.*

## Initialization of Sunroof

If power failure occurs when sunroof glasses are in motion, or after the sunroof assembly or sunroof glass is replaced, it is required to make initialization operation after power on.

Press the tilt-open switch of the sunroof to make the sunroof completely open, press the switch again for 5 seconds, until the sunroof glass vibrates, and accompanied with "click" sounds, release the switch, and complete the sunroof initialization settings.

**Note:** *Failure to initialize the sunroof may cause the sunroof to operate incorrectly, or failure of anti-trap function, or failure to respond to some switch operations.*

## Thermal Protection

To prevent the sunroof motor from being damaged by overheating, it is provided with overheat protection function.

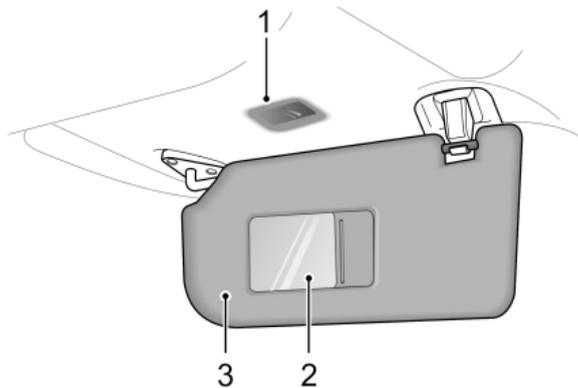
After the thermal protection is active, the operating actions will continue, but the sunroof will not respond to other operations. After the motor cools down and exits the thermal protection state, the sunroof can be operated till the next thermal protection functions.

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

## Sunvisor



*For safety, do not use vanity mirror on the driver side whilst driving.*

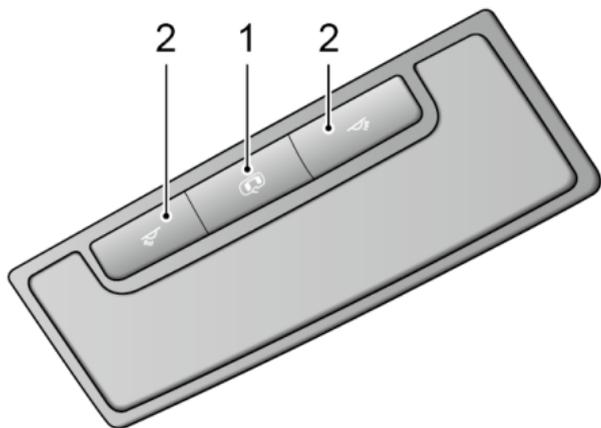


Sunvisors are arranged on the roof ahead of both the driver and the front passenger ( 3 ). The sunvisors are provided with vanity mirror ( 2 )\*and vanity mirror light ( 1 )\*.

Pull the sunvisor downward to use the vanity mirror. If the roof has vanity mirror lights, a vanity mirror light is switched on when the cover is opened, and it is switched off when the cover is closed.

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

## Interior Lighting



Press one of the switches ( 2 ) to turn the corresponding courtesy light on; press it again to turn off.

### AUTO ON Function

Press the switch ( 1 ) of the courtesy light to turn on AUTO ON function; press it again to turn off the function.

When the AUTO ON function is enabled, the courtesy light illuminates automatically whenever the followings occur.

- The vehicle is unlocked.
- Any door is opened.
- The power supply is switched off when the vehicle equipped with a light sensor detects that the ambient light is in dark or the side lamp illuminates or the side lamp turns off for 30 seconds.

**Note:** *If a door is open for more than a certain period of time, the front interior lamp will be switched off automatically to avoid battery drain. In case of low battery, the courtesy light will extinguish earlier.*

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

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### Rear Courtesy Lights\*



Press the switch (arrowed) to illuminate the rear courtesylights, press again to switch off.

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

## Power Socket



*Please ensure the socket lid is inserted when the power socket is not in use. This will ensure no debris or foreign objects enter the socket, preventing its use or causing short circuits.*



*The rated voltage of the 12 V power socket is 12 V, and the power rating is 120 W, please do not use the electrical appliance with its power exceeding the rating.*

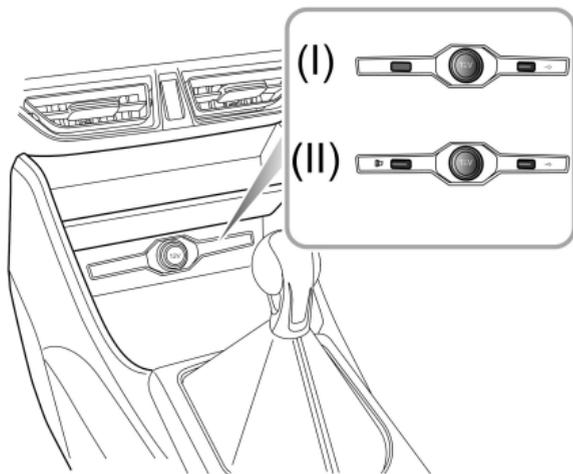


*Using the power socket or USB port when the vehicle is not started will cause premature discharging of the vehicle battery, and prolonged use may cause flat battery, thus the vehicle cannot be started.*

## Front Console Power Socket

The 12 V front console power socket is located in the front of the centre console. When the vehicle is power on, plug out the socket lid, then it can be used as the power supply.

Based on different vehicle configurations, the USB port of the front console power socket are various as illustrated in the figure below.

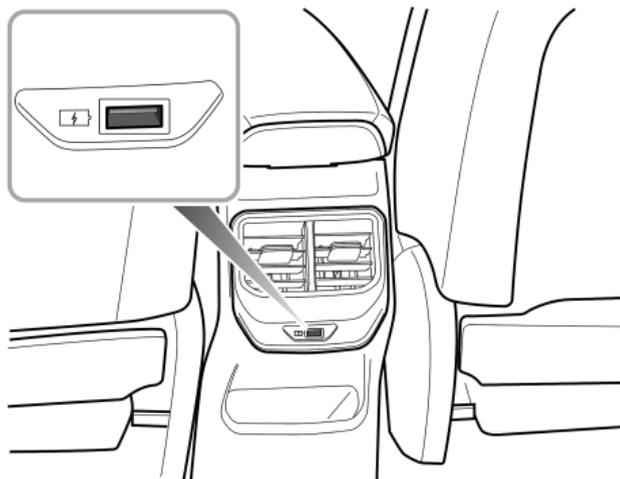
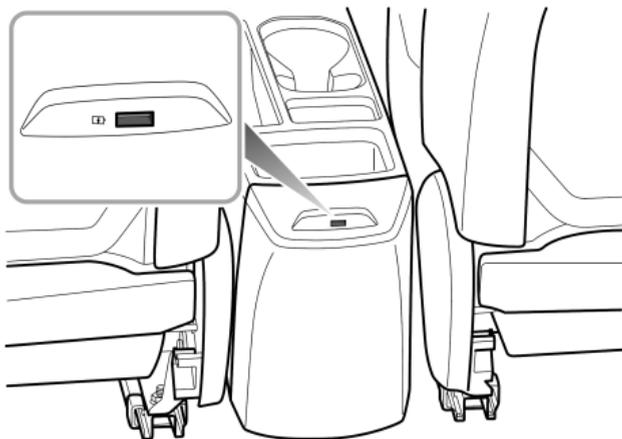


There is one or two USB ports equipped at the side of the 12 V front console power socket. When the vehicle is power on, the USB port can supply 5 V voltage as the power interface. Some USB ports can achieve data transmission function.

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

The maximum operating current of USB port is 2.1 A.

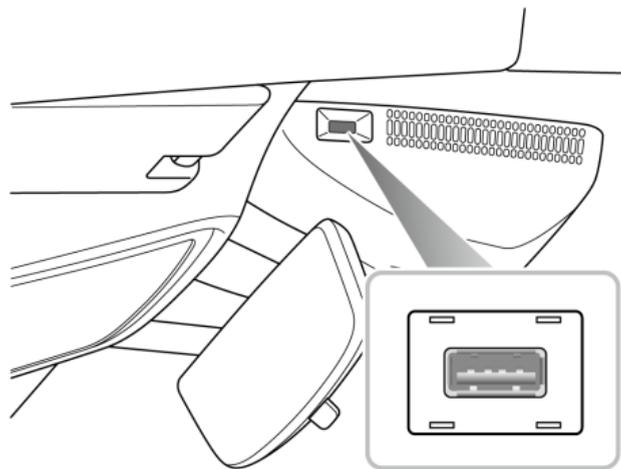
### Rear Console Power Socket\*



There is also 1 USB port equipped at the rear of the centre console for some models. When the Start switch is in ACC/ON/RUNNING position, the USB port can supply 5 V voltage as the power interface. Its maximum operating current is 2.4 A.

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

### Power Socket of Interior Rearview Mirrors\*



There is also 1 USB port equipped at the interior rearview mirror for some models. When the Start switch is in ACC/ON/RUNNING position, the USB port can supply 5 V voltage as the power interface, and its maximum operating current is 2 A.

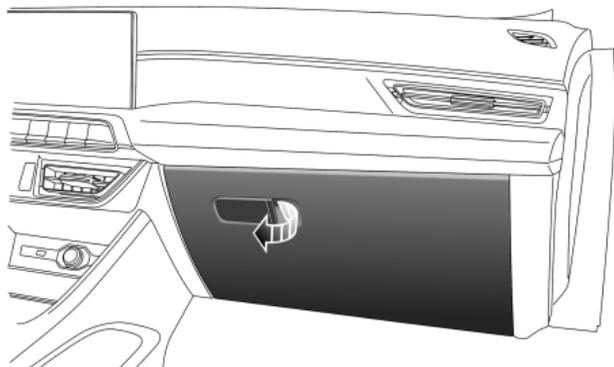
# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

## Storage Devices

### Instructions for Use

- Please close all storage devices when the vehicle is in motion, to avoid personal injuries in cases of a harsh acceleration, emergency braking and a car accident during driving.
- Do not place liquid or flammable materials such as lighters in any storage devices to avoid heat in hot conditions from igniting flammable materials and leading to a fire.

## Glove Box



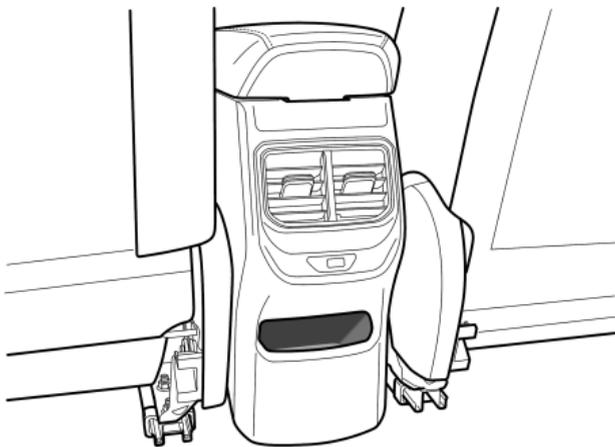
To open the glove box, press the open button (as indicated by the arrow) on it.

Push the lid forward to close the glove box. Make sure the glove box is fully closed when the vehicle being driven.

# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

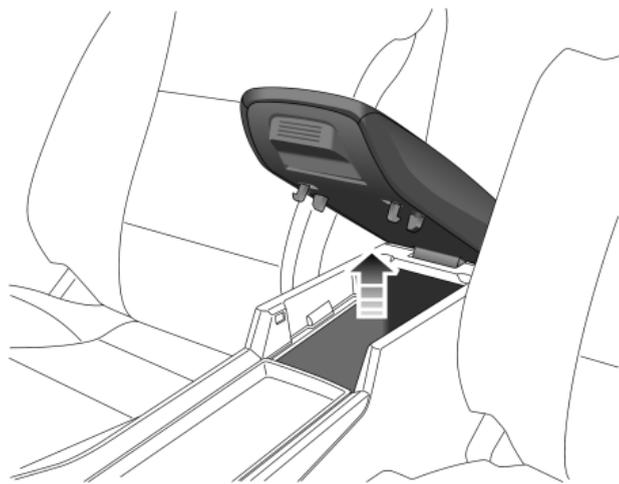
## Storage Box

### Centre Console Rear Storage Box



The centre console rear storage box is located behind the centre console.

## Centre Console Armrest Box



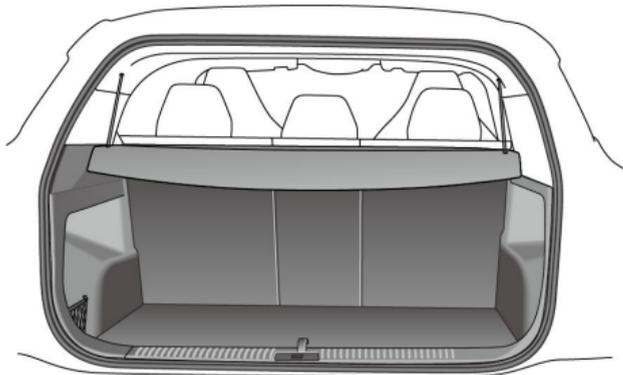
Lift the centre console armrest (as indicated by the arrow) to open the centre console armrest box. Gently press the lid down to close the centre console armrest box.

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

### Trunk



**DO NOT** place objects on the luggage cover\* behind the rear seat backrest in order to prevent potential personal injuries in case of a traffic accident.



The parcel shelf is connected to the tailgate hooks with cables, when opening the tailgate, the parcel shelf will be lifted.

The spare wheel and tool box are placed under the carpet, lift the trunk carpet to remove the tools. After the use, lower the trunk carpet and keep it flat.

### Glasses Box\*



The glasses box should only be used when the vehicle is stopped.



The glasses box is located in the proximity of the front courtesy lights. Press the panel (as indicated by the arrow), and place the glasses into the glasses box after opening it. Close the glasses box when it is not in use.

## BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

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**Note:**

*Only glasses that feature a standard frame can be inserted into the glasses box.*

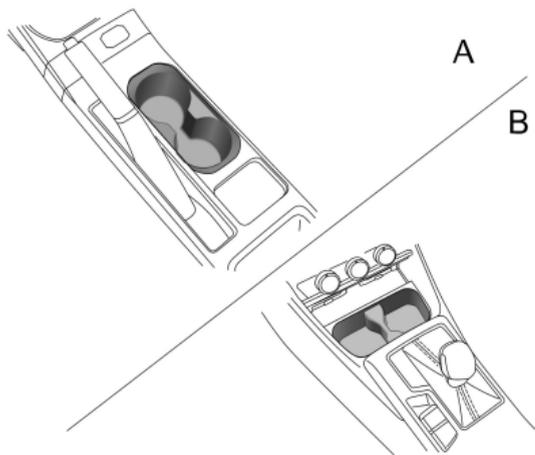
# BRIEF INTRODUCTION TO VEHICLE FUNCTIONS

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## Cup Holder

**Note:** Do not place hot drinks in the cup holder while driving. Spillage may result in personal harm or damage.

### Centre Console Cup Holder



The centre console cup holder is situated at the front end of the centre console armrest assembly, and is used to hold a cup or beverage bottle.

## **Preparations for Trip**

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## PREPARATIONS FOR TRIP

### Keys

#### Overview



**Please keep the spare key in a safe place - not in the car!**



**It is recommended that spare keys are not kept on the same key ring, since this may cause interference and prevent correct key recognition and therefore prevent the correct operation of the vehicle power system.**



**The smart key contains delicate circuits and must be protected from impact, high temperature, humidity, direct sunlight and fluid corrosion.**

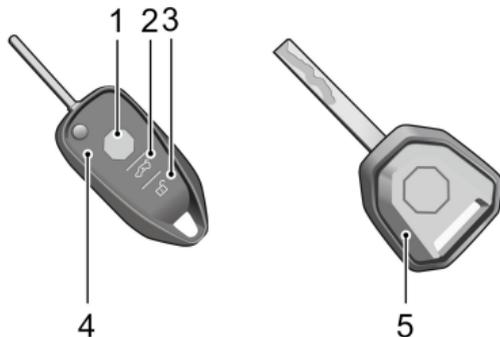
We provide two smart keys, each one includes a backup mechanical key. The mechanical key can be used to unlock the door in emergency, but cannot be used to start the vehicle.

A smart key and a common key are provided for some low-configuration models.

The keys supplied to you have been programmed for the security system on your vehicle. Any key that is not programmed to your vehicle can not start the car.

The smart key will only work within a certain range. Its working range is sometimes influenced by the key battery condition, physical and geographical factors. For safety consideration, after you lock your car using the smart key, please recheck that the car is locked.

#### Keys - Low Configuration



1 Lock Button

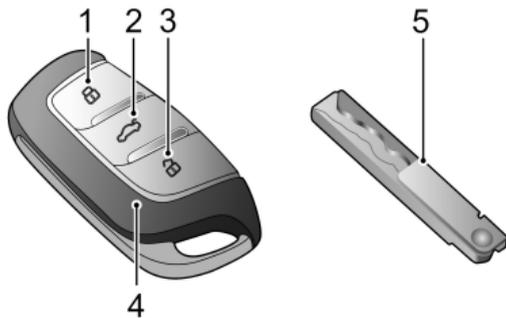
2 Tailgate Button

3 Unlock Button

4 Smart Key

5 Mechanical Key

### Keys - High Configuration



1 Lock Button

2 Tailgate Button

3 Unlock Button

4 Smart Key

5 Mechanical Key

If your key is lost/stolen or broken, a replacement can be obtained from an SAIC New Energy Vehicles Authorised Repairer. The lost/stolen key can be deactivated. If the lost key is found, an SAIC New Energy Vehicles Authorised Repairer can reactivate it.

**Note:** Any key made privately may not start the vehicle and may affect the safety of your car. To obtain a suitable key replacement, it is recommended that you consult an MG Authorised Repairer.

**Note:** The new key cannot be offered to you immediately because it requires programming to the vehicle by the MG Authorised Repairer.

**Note:** If your car is equipped with induction-type wireless charging function, always keep the key more than 20 cm away from the mobile phone which is being charged to prevent the key from the interference of wireless charging device.

**Note:** Avoid operating the smart key close to strong radio interference devices (such as notebook computers and other electronic products), the normal function of the key may be affected.

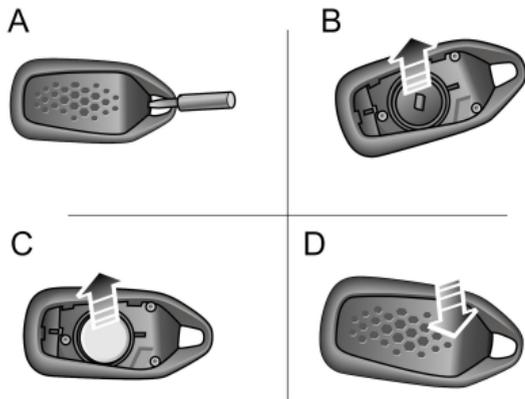
### Replacing the Smart Key Battery

Please replace the smart key battery in the following conditions:

## PREPARATIONS FOR TRIP

- You can obviously feel remote distance decrease in operating the smart key;
- The screen displays “Remote Key Low Battery, Please Replace”.

### Replacing the Smart Key Battery - Low Configuration



- 1 Gently insert the tool into the key removal hole ( A ).

- 2 Gently hold the key and pry the tool till the cover of the casing is partially separated.
- 3 Carefully separate the cover from the key, remove the waterproof pad ( B ), and take out the used battery from the slot ( C ).

**Note:** Make sure that the polarity of battery is correct when installing a new battery.

**Note:** It is recommended to use a CR2032 battery for the remote control.

- 4 Put the new battery in the slot, make sure it is in full contact with the slot, and refit the waterproof pad.
- 5 Refit the cover and press tightly ( D ), and check if the gap around the cover is even.
- 6 Start the power system to resynchronize the key with the vehicle.

### Replacing the Smart Key Battery - High Configuration

A



B



C



D



- 1 Press the button ( A ) on the smart key to eject the decorative sheet.
- 2 Take out the backup mechanical key ( B ) in the arrowed direction.
- 3 Use a flat-bladed tool to insert into the side of the key ( C ), carefully prise off the battery cover till the buckle

comes off, and then separate the upper/bottom cover carefully along the interface ( D ).

**Note:** Make sure that the polarity of battery is correct when installing a new battery.

**Note:** It is recommended to use a CR2032 battery for the remote control.

- 4 Remove the used battery from the slot.
- 5 Put the new battery in the slot, and make sure it is in full contact with the slot.
- 6 Refit the cover and press tightly, check if the gap around the cover is even.
- 7 Refit the mechanical key, and close the decorative sheet.
- 8 Start the power system to resynchronize the key with the vehicle.

### IMPORTANT

- Use of an incorrect or inappropriate battery may damage the smart key. The new replacement's rated voltage, sizes and specifications must be the same as the old one.
- Incorrect fitting of the battery may damage the key.
- Disposal of the used battery must be strictly in accordance with relevant environmental protection acts.

## Immobiliser System

Your vehicle is fitted with engine immobiliser and body anti-theft system. To ensure maximum safety and operation convenience, we strongly recommend you to read this section carefully to fully understand the activation and deactivation of anti-theft systems.

### Engine Immobiliser

Engine Immobiliser is designed to safeguard the vehicle from theft. A vehicle cannot be started until the engine immobiliser is deactivated.

Press START/STOP button on the centre console, once a valid key is detected in the vehicle, engine immobiliser will be deactivated automatically.

If the message centre displays "Smart Key Not Found" or "Please Put the Key in Alternative Starting Position" or the engine immobiliser system warning lamp illuminates, please put the smart key in the alternative starting position (refer to "Alternative Starting Procedure" in "Engine Start/Stop" section), or try to use the spare key. If the car can still not be started, seek a local Authorised Repairer.

## Body Anti-theft System

### Locking and Unlocking

When the vehicle is locked, the turn signal lamps illuminate three times; when it is unlocked, the turn signal lamps illuminate once.

### Operation of Door Lock System (Key)

#### Key Locking

- Using the remote key to lock: press the Lock button on the smart key to lock the vehicle after closing the doors, bonnet and tailgate.
- Using the mechanical key to lock: open the driver side door lock trim cover, insert the key into the lockhole and turn clockwise to lock the car.

#### Key Unlocking

- Using the remote key to unlock: press the Unlock button on the key to unlock the vehicle.
- Using the mechanical key to unlock: open the driver door lock trim cover, insert the key into the lockhole and turn counterclockwise to unlock the car.

#### Find My Car

## PREPARATIONS FOR TRIP

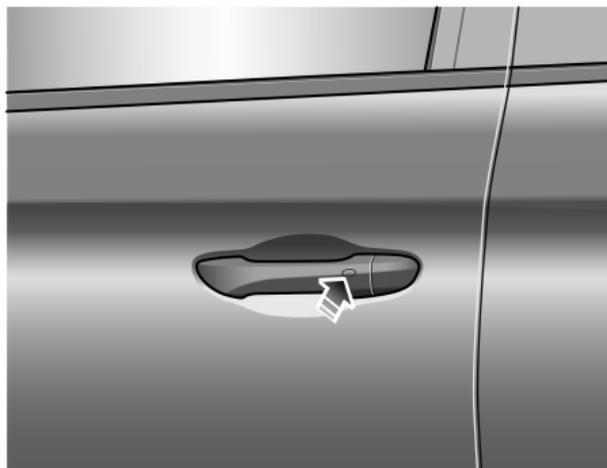
After the vehicle is locked for several minutes, press the Lock button on the smart key for several seconds, the Find My Car function will be enabled, and sound and light indication can be triggered. Press this button on the smart key again to suspend the Find My Car function. At this time, press the Unlock button on the smart key to cancel the Find My Car function and unlock the vehicle. Find My Car can be set in the "Vehicle Settings" interface on the entertainment display.

**Note:** *If the start switch is not placed in ACCION/RUNNING/READY position or the remote key unlock is not activated within several seconds (more than 10 seconds) after the vehicle is unlocked with the mechanical key, the immobiliser alarm will be triggered.*

**Note:** *When the complete vehicle is locked, press the UNLOCK button on the remote key\* and perform no other operations for a period of time, the vehicle will automatically lock.*

### Operation of Door Lock System (Keyless)\*

The keyless entry system can lock and unlock the doors or open the tailgate as long as you carry the smart key and approach to the car.



**Note:** *Keep the distance between the smart key and the door handle within the 1.5 m range in order to lock and unlock the doors using the keyless function.*

### Keyless Locking

After pressing Start switch to stop the engine, press the button on the front door handle once (no need to press the lock button on the smart key) to lock all doors before leaving the car, then the vehicle will enter anti-theft alarm state.

### **Keyless Unlocking**

Press the button at the front door handle once to unlock the door, and pull the door handle to open the door.

**Note:** *When the vehicle is locked, if you are within the smart key range and operate the door handle button but carry out no further action, the vehicle will then automatically lock itself to remain secure.*

#### IMPORTANT

Once the door has been locked by the key, press the button on the door handle to unlock the vehicle. If the vehicle can not be unlocked or locked normally, please contact an MG Authorised Repairer.

### **Mislock**

If locking operation is performed when the driver's door is not fully closed or the Start switch is placed in ACC/ON/RUNNING/READY position, the door will not be locked, and the horn will sound once to indicate a mislock, with the body anti-theft system inoperative.

If locking operation is performed when the driver's door is closed but the passenger's door or tailgate is not fully

closed, the vehicle horn will sound once, indicating a mislock. In this case, the "partial arming" attributes of the body anti-theft system will enable (all fully closed doors or tailgate apertures will be protected, but an open aperture will not!). As soon as the open aperture is closed, the system will automatically revert to an armed state.

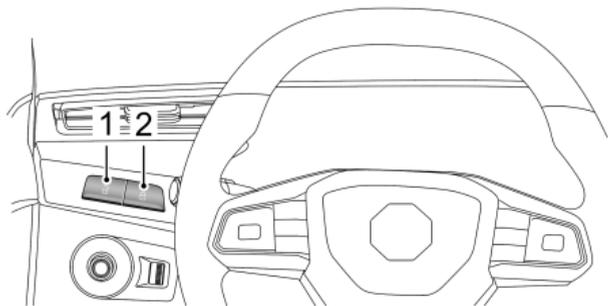
### **Anti-theft Alarm**

If the anti-theft alarm has been activated, before it is turned off, the car horn will sound continuously. The anti-theft alarm can be released by the following operations:

- Press the Unlock button on the smart key.
- Carry with smart key, and press the button on the door handle.
- Carry with smart key, and move the Start switch to ACC/ON/RUNNING/READY position.

## PREPARATIONS FOR TRIP

### Interior Lock Switch



- 1 Unlock Switch
- 2 Lock Switch

When the body anti-theft system is disabled, press the interior lock Lock switch ( 2 ) after closing all doors to lock all doors; press the Unlock switch ( 1 ) to unlock all doors.

**Note:** *If the vehicle anti-theft system is set, pressing the lock/unlock switch of the interior locks will not lock/unlock doors but will trigger the alarm system.*

If the doors, bonnet and tailgate are closed, press the interior lock Lock switch, and the yellow indicator on the Lock switch illuminates.

If the non-driver door, bonnet or tailgate is not fully closed, press the interior lock Lock switch, and the yellow indicator on the Lock switch flashes.

### Interior Door Handle

Pull the interior door handle to unlock and open the door.

### Auto Lock When Driving

All the doors will be locked automatically when the vehicle speed exceeds 15 km/h.

### Automatic Unlock

When the vehicle power is turned off, all the doors will be unlocked automatically.

### Tailgate

#### Tailgate

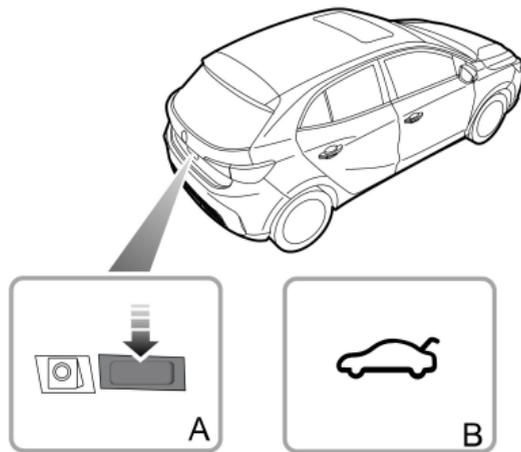


*If the tailgate can not be closed due to the type of cargo loaded or if the weatherstrip seal is damaged, it is recommended you close all windows during driving, select the face distribution mode of the air conditioning and set the blower to maximum speed, so as to decrease any fumes entering the vehicle.*



*Prior to opening or closing the tailgate always ensure there are no people or objects that may obstruct operation. This may cause physical harm or damage.*

#### Tailgate Open/Close Mode



The tailgate can be opened or closed by the following ways:

- **Open the tailgate by key:** With the Start switch in OFF state, long press the tailgate button ( B ) on the remote key to manually open the tailgate.
- **Open the tailgate outside the vehicle\*:** When the vehicle is unlocked or the matched key appears within 1 m range around the tailgate, directly press the open switch ( A ) on the tailgate to open the tailgate.

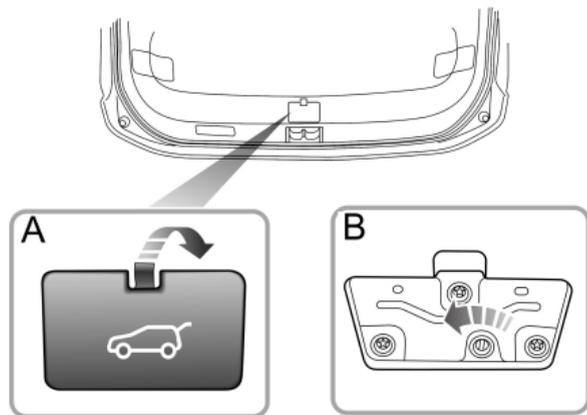
### Tailgate Emergency Open

#### Manual Tailgate

Tailgate emergency open switch is located in the inner side of tailgate lock.

Lower the rear seat to make sure the emergency open lockhole plug on the tailgate trim panel can be touched.

Take up the plug with hand, and use a tool to turn the emergency open knob counterclockwise, to open the tailgate from inner side of the tailgate.



### Load Carrying



***DO NOT exceed the gross vehicle weight or the permitted front and rear axle loads. Failure may result in vehicle damage or serious injury.***

### Load Space



***Ensure that the rear seat backrests are securely latched in the upright position when loads are carried in the load space behind the seats.***

When luggage is carried in the load space, always ensure heavy items are placed as low and forward as possible, so as to avoid the cargo shift in the event of an accident or sudden stop.

Drive carefully and avoid emergency braking or harsh acceleration when large or heavy items are carried.

#### IMPORTANT

Traffic regulations must be observed when loading cargo, if the cargo extrudes the loadspace appropriate warning measures must be taken to warn other road users.

### Internal Loading



**DO NOT** carry unsecured equipment, tools or luggage that could move, causing personal injury in the event of an accident or emergency braking or hard acceleration.



**DO NOT** obstruct the driver's or passenger's vision with loads.

Folding the rear seats can increase luggage space, refer to "Seat adjustment" described in the "Comfortable experience" section.

## Fuel System

### Fuel Requirements

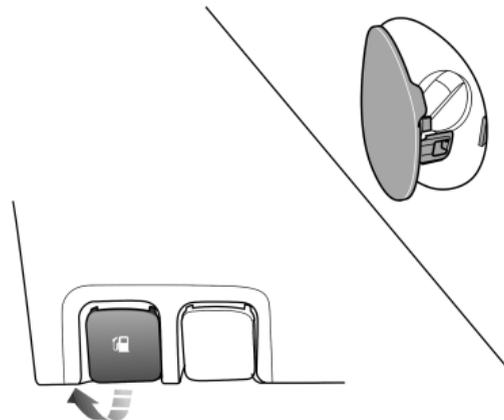


*Use only the motor gasoline that meets the national standards and is of the grade recommended by the OEM! Using the fuel of other grades may damage the fuel system, engine related components and exhaust system of your vehicle.*

Please carry out refueling according to the information on the refueling label. Refer to "Main Engine Parameters" in the "Technical Data" section for details.

You may hear engine knock noise if the wrong fuel is used. Please use the gasoline of the recommended grade as soon as possible. If serious knock noise can still be heard after the gasoline of the recommended grade is used, please go to a local Authorised Repairer for service immediately.

## Fuel Filler



### Fuel Filler Flap

The fuel filler flap is located on the rear left-hand wing.

Pull the fuel filler flap release handle under the driver instrument pack to open the flap.

## PREPARATIONS FOR TRIP

### Fuel Filler Cap

Slowly rotate the fuel filler cap counterclockwise to release the pressure inside the tank before opening it.

After refueling, replace the fuel filler cap and tighten it till you hear a "click".

### Refueling



***Vehicle gasoline are highly flammable and, in confined spaces, are also extremely explosive.***

Always take care when refueling:

- Turn off the engine;
- Do not smoke or use a naked flame;
- Do not use a mobile phone;
- Prevent fuel spillage;
- Do not overfill the tank.

Do not fully refuel the tank if the vehicle is to be parked in direct sunlight, or high ambient temperature - expansion of the fuel could cause spillage.

After refueling, if the engine runs unevenly, shut down the engine and seek an Authorised Repairer before attempting to restart the engine.

#### IMPORTANT

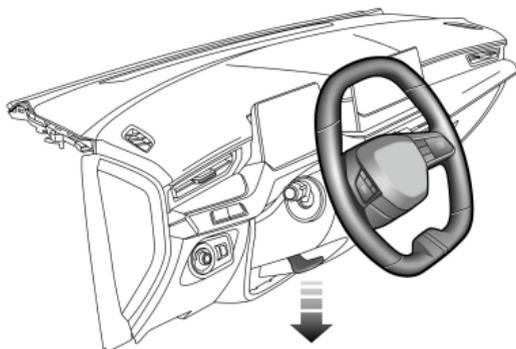
During refueling, the fluid should be prevented from splashing on the surface of the paint or adjacent exterior parts, otherwise the surface of the paint or adjacent exterior parts may be damaged.

### Steering System Adjustment

#### Steering Wheel Position Adjustment



**DO NOT attempt to adjust the position of the steering wheel while the car is in motion. This is extremely dangerous.**



Adjust the position of the steering wheel to suit driving posture:

- 1 Fully release the locking lever (as indicated by the arrow in the figure).
- 2 Grasp the steering wheel tightly with both hands and pull it up and down to adjust the height of the steering wheel; Push and pull the steering wheel forward and backward to adjust the distance between the steering wheel and the body (if equipped).
- 3 Once a comfortable driving position has been selected, pull the locking lever fully up to lock the steering wheel into its new position.

#### Electric Power Steering



***If the electric power steering fails, the steering may appear very heavy, which will significantly affect driving safety.***

This series of models are equipped with the electric power steering system. This system only works once the vehicle is started.

### IMPORTANT

When EPS is working, holding the steering wheel on full lock for long periods will result in a reduction in power assistance, causing a heavier feel to the steering.

### **Electric Power Steering Module Angle Initialisation**

When the battery is reconnected after disconnection, the electric power steering ( EPS ) warning lamps may illuminate in yellow. In this case, the electric power steering ( EPS ) is required to be initialised, i.e., move the steering wheel from lock to lock; after the initialisation is completed, the warning lamps extinguish.

### Operation after 12V Battery Cut-off

The following operations are required to restore certain functions of the vehicle after the 12V battery is reconnected.

#### Sunroof Initialisation\*

If power failure occurs when sunroof glasses are in motion, or after the sunroof assembly or sunroof glass is replaced, it is required to make initialization operation after power on.

Press the tilt-open switch of the sunroof to make the sunroof completely open, press the switch again for 5 seconds, until the sunroof glass vibrates, and accompanied with "click" sounds, release the switch, and complete the sunroof initialization settings.

**Note:** *Failure to initialize the sunroof may cause the lax close of sunroof, or failure of anti-trap function, or failure to response to some switch operations.*

### Window Initialisation

If the battery is cut off when the windows with "One-touch Up" and "Anti-pinch" functions are used, it is required to make initialisation operation after power-on.

The window will resume the "One-touch Up" and "Anti-pinch" functions by fully opening the window, continually lifting the switch to fully close the window, and lifting and holding the switch for about 5 seconds.



## **Drive the Vehicle**

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<i>Economical and Environmental Driving</i>	<i>108</i>
<i>Gear Shift-Manual Transmission*</i>	<i>112</i>
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### Power System Start/Stop

#### Starting the Power System (Key Start)\*



*When the vehicle is in motion, do not switching off the START/STOP switch or remove the key, otherwise the steering wheel may be locked, making it impossible to turn the vehicle.*



*Do not touch the key while the vehicle is in motion, otherwise it may cause the power system flameout!*



The START/STOP switch is located on the right side of the steering column. Function of each position is as follows:

#### **Position 0 ( LOCK/OFF )**

- The key can be inserted or removed.
- After the power system is stopped and the key is removed, turn the steering wheel to one side to lock the steering wheel.

#### **Position 1 ( ACC )**

- The power system is not started and the key cannot be removed.
- Some electrical equipment (such as the power window, etc.) can work.

### **Position 2 ( ON/RUNNING )**

- When the vehicle is started, the power system runs, and all electrical equipment can work.

### **Position 3 ( START )**

- Start the power system.
- Release the key immediately when power system starts, and the START/STOP switch will return to position 2 automatically.

**Note:** When the key is in position 0 of the START/STOP switch, if the driver's door is opened, the buzzer will sound to indicate that the key is not removed.

**Note:** When the steering wheel is locked and the key cannot be turned from position 0 to position 1, please turn the steering wheel slightly whilst turning the key to unlock the steering wheel.

### **Starting the Power System (Keyless Start)\***



The keyless START/STOP switch is located on the trim panel of the centre console and belongs to push-button start switch. To operate the system, the smart key must be in the car.

Each display state of the switch is described as follows:

#### **Indicator Off ( OFF )**

- The power system is shut off in this position.

#### **Yellow Light ( ACC )**

- When it is in OFF state and the START/STOP switch is pressed once, the vehicle enters ACC state, the yellow

light of the START/STOP switch illuminates, and some electrical equipment (such as the power window, etc.) can work.

### **Green Light ( ON/RUNNING/READY )**

- When it is in ACC state, if the START/STOP switch is pressed again without other operations, the power system will not start and the vehicle enters ON state; the green light illuminates, and some electrical equipment (such as instruments, etc.) can work.
- The vehicle enters RUNNING/READY state and all electrical equipment can work after the power system is started.

**Note: After turning off the START/STOP switch and opening the door, if the key is still left in the vehicle, the horn will sound continuously when the doors are closed.**

A strong radio signal will interfere with the keyless start system. If your vehicle is close to a strong radio signal, the push-button start may be inoperative.

### **Starting the Engine**



**Do not start and run the engine for a long time in an unventilated room. Exhaust fumes are harmful and contain carbon monoxide, which can cause unconsciousness or even death.**

### **Starting Procedure (Key Start)\***

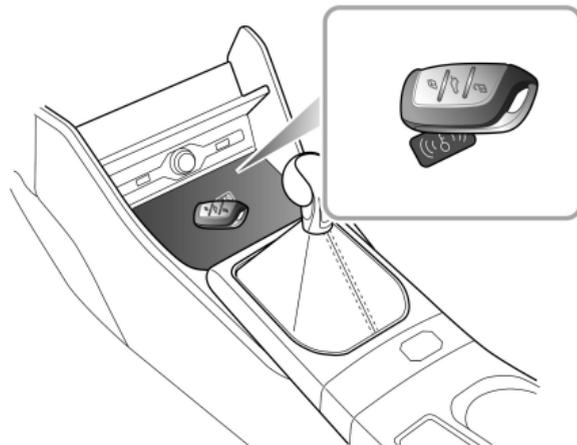
- 1 Switch off all unnecessary electrical equipment (including the air conditioning);
- 2 For vehicles with automatic transmission, make sure the shift lever or shift control knob is in P or N position and press the brake pedal;  
For manual transmission vehicle, ensure neutral is selected when the clutch pedal is fully pressed;
- 3 For the key start vehicle, insert the key, rotate it to position START and release the key immediately after the engine is started.  
For the keyless start vehicle, press the START/STOP Switch on the instrument panel, and release the button after the engine begins to start.

**Note:** After the engine starts, if the key is not released immediately, the starter will continue to work, which will not only discharge the battery, but also damage the starter and starter motor, catalytic converter and particulate filter.

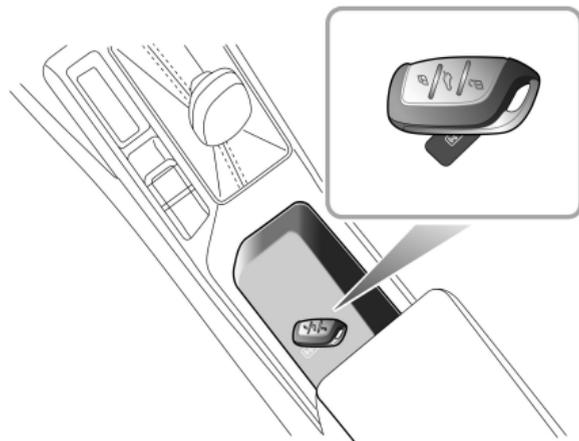
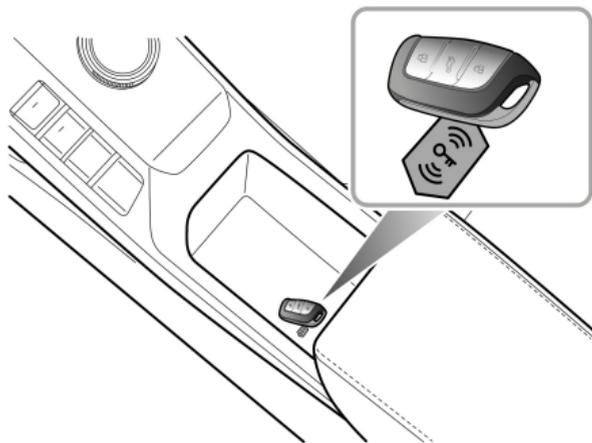
### Standby Starting Procedure

When the vehicle is in a strong radio signals interference area, or the smart key low battery occurs, please start the vehicle by the alternative starting procedure according to the following steps:

### Manual Transmission Model



### Automatic Transmission Model



- 1 Place the smart key to the position and at the angle as illustrated.
- 2 Make sure the shift lever is in P or neutral position, and then press the brake pedal and the Start switch to start the engine.

After the battery of smart key is replaced or the car leaves the interference area, if the keyless start procedure can still not be used normally, seek a local Authorised Repairer.

### IMPORTANT

- If 3 consecutive attempts to start are unsuccessful, seek assistance. Otherwise multiple consecutive starts can cause damage to the powertrain and battery.
- This vehicle is equipped with an anti-theft system. The vehicle cannot be started with any privately made key.
- At temperatures of minus 10 degrees Celsius and below, the starting time of the power system will increase. Therefore, switch off all unnecessary electrical equipment during start-up.

### Stopping the Power System

Stopping the power system as follows:

- 1 After safely bringing the car to a stop, press the brake pedal;
- 2 Apply the parking brake;
- 3 For vehicles with automatic transmission, ensure that the shift lever is P position;

For vehicles with manual transmission, ensure that the shift lever is in neutral position.

- 4 For vehicles with key start, turn the key from ON/RUNNING position to LOCK/OFF position, the power system will be shut down and the key can be removed;

For keyless start vehicle, press START/STOP switch to shut off the power system.

### **Economical and Environmental Driving**

#### **Running-in**

The brakes and tyres need time to 'bed-in' and adjust to the demands of everyday motoring. Therefore, in order to enhance the long-term operation performance, try to avoid rapid acceleration, rapid deceleration or emergency braking during the first 900 miles ( 1,500 km).

When the vehicle is climbing or needs to accelerate rapidly, the engine speed may increase significantly compared to normal operating conditions to enhance the overall power of the vehicle.

#### **Environment Protection**

Your car has been designed with the latest technology in order to minimize hazards to the environment.

### **Economic Driving**

The way in which you drive your car has a significant bearing on the life span of the car, as well as affecting the energy consumption.

#### ***Drive Smoothly***

Traveling at a suitable constant speed is more efficient than frequently braking and accelerating. Avoid making hard acceleration, sudden take-offs and harsh/emergency braking. Steady acceleration or deceleration uses considerably less energy than rapid acceleration or emergency braking, and minimizes the wear to mechanical components.

#### ***Avoid Driving at Maximum Speed***

Both energy consumption and noise levels increase significantly at high speeds.

#### ***Driving Foreseeingly***

Avoid roads with traffic congestion or traffic jams. Predict road congestion as early as possible and keep enough distance from the car in front when driving and slow

down in time. Avoid hard braking applications when not necessary, this will cause premature wear on braking components..

### ***Managing Use of Auxiliary Electrical Equipment in Car***

Although it is essential to remain comfortable when driving the vehicle, the use of interior auxiliary electrical equipment will increase the energy consumption.

### **Driving in Special Environments**

#### ***Driving in Rain or Snow***



***Emergency braking, accelerating and steering on slippery roads will reduce the vehicle's handling performance and grip.***

- If the window or windshield mists up, please use the air conditioning demist function; If there is water film on the rearview mirror or mist on the rear windscreen, please use the external rearview mirror and heated rear window function.
- If the road surface is frozen or covered with snow, the friction between the tyres and the road surface becomes very small, making it highly prone to accidents. Please avoid driving or install suitable snow chains before driving, refer to "Tyres" in the "Maintenance" section

### Driving through Water



***Do not venture into low-lying waterlogged roads or unknown water wading areas, as this may result in the failure of the power system, serious vehicle malfunctions (such as short circuits in electrical components), or damage to the power system due to water ingress! Any vehicle malfunction or damage resulting from this will no longer be covered by the company's warranty terms.***



***Do not venture into low-lying waterlogged roads or unknown water wading areas, as this may result in the failure of the power system, serious vehicle malfunctions (such as short circuits in electrical components), or damage to the power system due to water ingress! Any vehicle malfunction or damage resulting from this will no longer be covered by the company's warranty terms.***

When driving a vehicle, try to avoid passing through waterlogged roads or areas with puddles as much as

possible. If you need to drive through water, please follow the following suggestions:

- Before entering the flooded section, the depth of the water must be clear, and the height of the water should not exceed the lower edge of the vehicle body;
- If you must drive through water, you need to turn off the air conditioning before starting, lightly apply the accelerator pedal without releasing your foot, smoothly and slowly pass through the flooded road section, and control the speed to below 6 mph ( 10 km/h);
- Do not reverse into water or park the vehicle in stagnant water. If driving through water causes the vehicle to stall, please do not attempt to start the vehicle again. Please contact the company authorised repairer or breakdown service for inspection;
- After passing through water, lightly apply the brake pedal continuously to confirm that the braking performance is normal and avoid emergency braking;
- After passing through water, please check that the lighting and horn functions are normal;
- After wading through water, it may affect the functionality and performance of the vehicle. It is

recommended to contact a Authorised Repairer for inspection as soon as possible.

### IMPORTANT

- When there is water or mud on the surface of the brake discs, it may cause a decrease in braking performance and thus prolong the braking distance. Please drive carefully to prevent accidents.
- Wet brake pads may not function properly. If only one brake can operate properly, it can affect steering control and cause accidents.
- After water enters the interior of high-voltage components, it has a significant impact on their insulation properties. Water contains a lot of conductive substances, which may cause internal short circuits in high-voltage components, seriously affecting vehicle safety and driving performance.

### Check and Service

#### *Check Tyre Pressures Regularly*

Over or under-inflated tyres wear out more rapidly and also have a detrimental effect on the car's handling characteristics. Under-inflated tyres increase the rolling resistance of the car which, in turn, increases energy consumption.

#### *Do not Carry Unnecessary Loads*

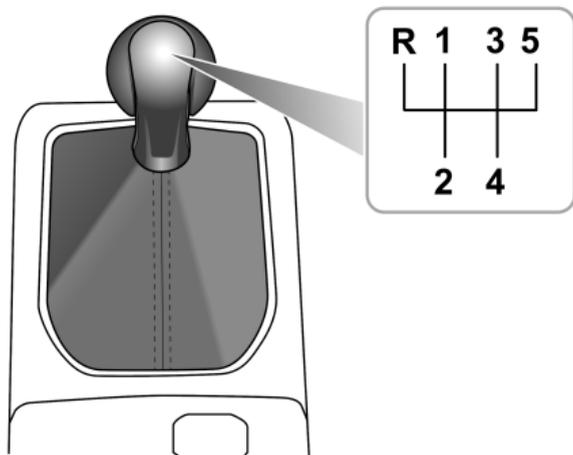
The additional weight of unnecessary loads can affect power consumption, especially in stop/start conditions where the car is frequently required to set off from stationary. Where possible, remove any dried mud/dirt from the vehicle and chassis, this will not only reduce body weight, but also can prevent body corrosion.

#### *Maintain Correct Four-Wheel Alignment*

Maintain the correct wheel alignment. Avoid collisions with the kerb and reduce speed on uneven road surfaces. Out of specification wheel alignment will not only lead to excessive tyre wear, but also increases the load and power consumption.

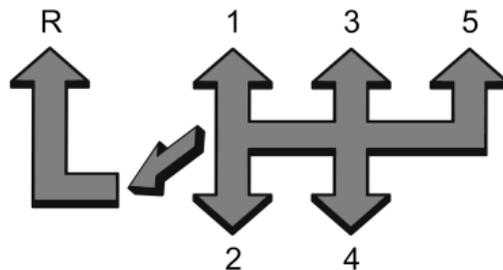
## Gear Shift-Manual Transmission\*

### Gear Shift Lever



The manual transmission is a 5 -speed manual transmission with 6 gears, which are: 1st , 2nd , 3rd , 4th , 5th and R (Reverse) respectively.

### Precautions while driving:



- 1 When selecting R gear, you must ensure that the vehicle is completely in stationary, wait for a moment and then fully press the clutch pedal, ensure the lever is in the N position, press the lever down and push it leftward, then push it forward into the R position, slowly release the clutch to engage drive. Please wait for 2 ~ 3 seconds before attempting to select R gear, otherwise the damage to the reverse gear may occur.
- 2 Do not rest your hand on the gear shift lever while driving - pressure from your hand may cause premature wear to the gear shift mechanism.

- 3 Do not rest your foot on the clutch pedal when driving  
- excessive wear to the clutch will be caused.
- 4 Do not hold the car stationary on a hill by slipping the clutch. This will wear out the clutch.

***Note: In order to guarantee the smooth driving and good fuel economy of the vehicle, please shift at an appropriate time and never allow the engine to run at a high speed for prolonged periods, this may cause engine damage.***

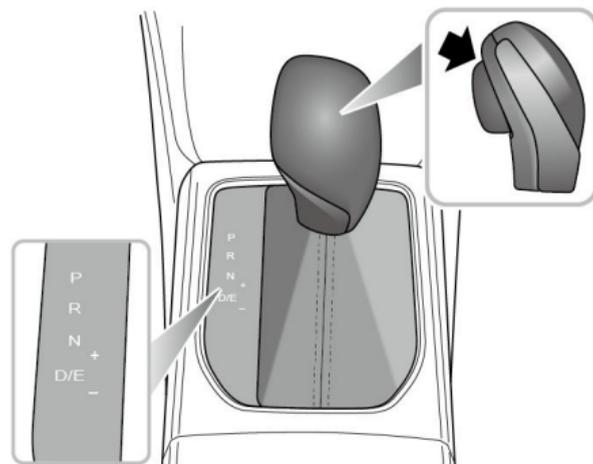
### Gear Shift-Continuously Variable Automatic Transmission (CVT)\*

#### Instructions for Use

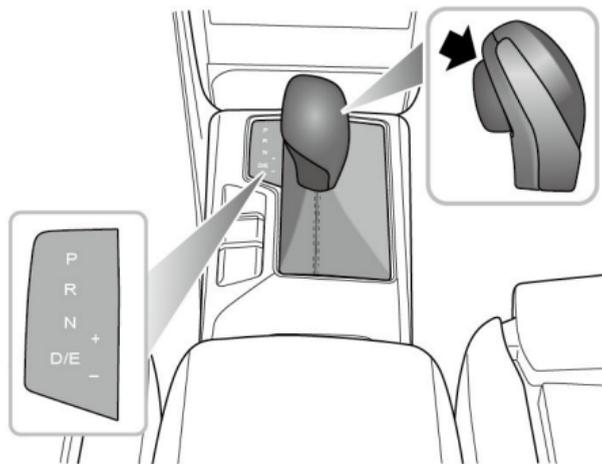
The following information is very important; please read carefully before use:

- Before starting the vehicle, close the doors, confirm the shift lever is in P position, press the brake pedal and apply the parking brake.
- After the vehicle has started, maintain brake pedal application and ensure the parking brake is applied, then shift the lever to the required gear.
- Release the parking brake, brake whilst maintaining brake pedal application until you are ready to manoeuvre the vehicle. On a flat road, once the brake pedal is released, the vehicle will automatically begin to travel at a slow speed with the accelerator pedal not depressed.
- During driving, do not coast in neutral, this could cause an accident.
- Do not tow the vehicle with its front wheels on the ground, otherwise it could cause severe damage to the CVT transmission.

#### Gear Shift



## DRIVE THE VEHICLE



The automatic transmission is a CVT transmission.

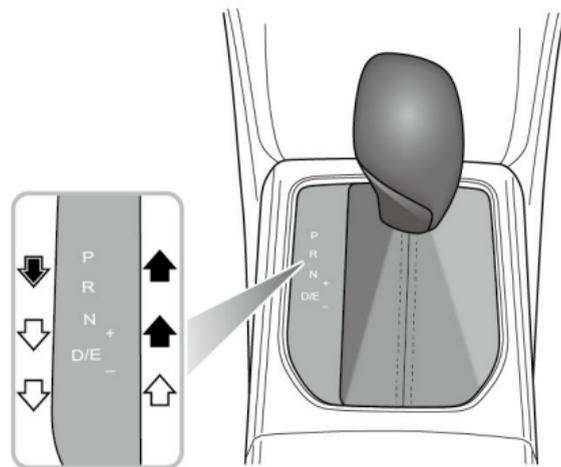
**Note:** *The highlighted letters or numbers on the instrument pack interface indicate the selected gear.*

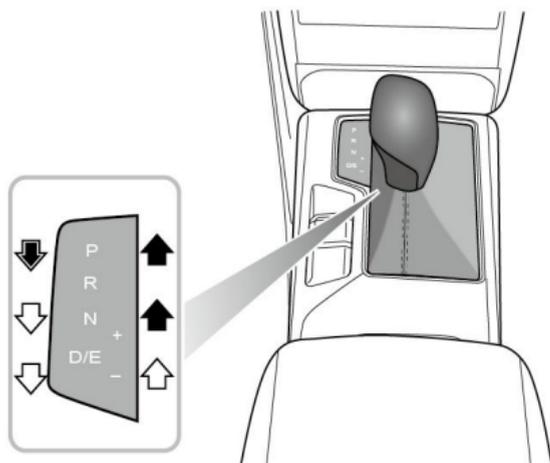
A sprung loaded lock button located in the gear lever is used to prevent mistakenly selecting P (Park) or R (Reverse) whilst the gear selector is in other positions.

### Shift Lever Operation



**DO NOT** press the lock button when shifting gears, unless necessary.





During any gear shift, operate the shift lever according to the instructions indicated by the following arrows:

-  Free gear shift.
-  Press and hold the lock button to shift gear.
-  Press and hold the lock button and apply the brake pedal to shift gear.

### Shift Lever Position



*The shift lever must be placed in P position when parked.*



*DO NOT Switch the shift lever between D and R gears or into the P gear whilst the vehicle is in motion, otherwise, it may cause serious damage to the transmission or an accident.*

- P Park  
When the shift lever is in this gear, the transmission will be locked. This gear should only be used when the vehicle is stationary and the parking brake is applied.  
**Note: When the vehicle is parked on a hill, press the brake pedal and apply the parking brake first before selecting P gear.**
- R Reverse  
Select this gear only when the vehicle is stationary.
- N Neutral  
Select this gear when the vehicle is stationary and the engine will be running at idle speed for a short time (for example, waiting for traffic lights).

- **D Drive**

This is used for normal driving and will allow automatic selection of gear ratios depending on vehicle speed and accelerator pedal position.

- **E ECO**

Select this gear to prioritise economy over performance. The instrument pack displays ECO and E gear indicator lamps at the same time.

- **Manual Mode**

Select this mode when manual gearshift is required. The instrument pack displays a number (1-8) to indicate the current gear the vehicle is in, the driver is reminded to make a gear shift via an upshift/downshift arrow.

When the shift lever is in E gear, toggle the shift lever towards " + " direction to upshift to next available high gear; or toggle the shift lever towards " - " to downshift to next available low gear.

Whilst in manual mode, if the driver makes an unreasonable gear selection, such as requesting an upshift during low engine speeds, or requesting a downshift during high engine speeds, the transmission will not respond and will remain in the current gear. If the vehicle is being driven and the engine speed

falls below a preset threshold in certain gears, the transmission will automatically shift down to the next gear to avoid engine stalling; when the vehicle accelerates, if the engine speed increases continuously and exceeds the allowable maximum speed with no upshift request received, the transmission will automatically shift up to the next gear to protect the engine.

To return to other gear modes, move the shift lever leftwards and select D.

### **Gearshift Speed**

With D or E gear selected, the speed of one gear varies depending on the accelerator pedal position: a smaller throttle opening will result in the gear shift at a lower speed, and a larger throttle opening will cause the transmission to delay the gear shift action, until the gear shift is completed when the vehicle reaches a higher speed.

### **Kick-down**



*The drive wheels may skid when kick-down is activated on road surfaces with low adhesion, this may lead to the vehicle sliding out of control.*

With D or E gear selected, pressing the accelerator pedal all the way down in one motion (also known as Kick-down ) will provide better acceleration performance during overtaking. Under certain conditions, it will allow the transmission to shift to a lower gear immediately, and provide fast acceleration. Once the accelerator pedal is released, it will resume a suitable higher gear (based on the vehicle speed and the position of the accelerator pedal).

### Protection Mode



*When parking the vehicle, please ensure the vehicle is parked safely and that all traffic by-laws are observed.*

### CVT Transmission Failure

If the transmission develops faults or works improperly, the engine emission malfunction indicator lamp in the instrument pack illuminates. In such a case, contact an MG Authorised Repairer for service as soon as possible.

### Limp Mode

When some failures occur, the transmission will enter Limp Mode and will only function in some gears, in some cases it may fail to engage reverse, during this time the instrument pack will display the engine emission malfunction indicator lamp. In such a case, contact an MG Authorised Repairer for service as soon as possible.

### Gear Shift System Failure

If some serious functional failures occur in the gear shift system, the instrument pack will display " EP ". During this time, for safe driving, if the vehicle speed is below a certain

value, the power system will forcibly cut off the power transmission, and the vehicle will not be able to drive! In this case, please contact an MG Authorised Repairer for service as soon as possible.

### Drive Mode\*



***It is not recommended to shift driving modes whilst driving, this diverts the attention of the driver away from the road ahead. If it is completely necessary then proceed with caution and always ensure you drive safely.***

The vehicle operating modes enable different tuning modes for power response, steering feel, air conditioning performance and other functions.

By using the center console mode switch, you can switch between the following driving modes.

#### 1 Normal Mode

The vehicle is balanced for daily driving.

#### 2 Sport Mode

Sport Mode concentrates on providing more power to enhance the performance.

Constant use of Sport Mode will increase energy consumption.

#### 3 Eco Mode

The vehicle is in the state of low energy consumption, which is used for energy-saving driving.

When the ignition/vehicle is powered on and the driving mode is set to Eco, Normal or Sport, the information in the instrument pack will be displayed as "Eco", "Comfort" or "Sport".

***Note: Switching driving modes in manual mode, the powertrain will maintain the shift logic of the manual mode.***

### Service Brake

This series of models are equipped with vacuum assisted hydraulic brake system as the service brake system. It allows the driver to apply the brake more easily, and also improves the braking performance.

**Note: When the engine is not started, the brake pedal will feel hard, but when the engine is started, the brake pedal will feel soft, which is the brake booster in action.**

The vacuum assisted hydraulic brake system helps the driver save effort when depressing the brake pedal, and ensures a safe and quick braking, however, in daily driving, the following non-standard operations should be avoided:

- Never allow the car to freewheel with the engine turned off. Since the vacuum assisted hydraulic brake system functions with the engine started up only, braking when the car is freewheeling with the engine flameout may cause braking failure.
- In case of flameout while driving, you should depress the brake pedal to stop the vehicle as quickly as traffic safety permits. During braking, do not pump the brake pedal, because it will excessively consume the vacuum

assist in the braking system, thereby requiring increased pressing force, and reducing the easiness in braking.

During driving, the following matters should be noted:

- When the braking efficiency of vacuum booster decreases due to the change of atmospheric pressure from plain to plateau regions, the user needs to depress the brake pedal with greater effort than usual to gain effective braking.
- When driving through puddles or heavy rain, a water film may form on the surface of brake disc, which easily reduces the braking efficiency and extends braking distance. In this case, keep a safe distance from other vehicles and intermittently apply the brake pedal to keep the brake disc surface dry.
- If the braking efficiency decreases due to vehicle failure, please contact a local Authorised Repairer for service as soon as possible.

### Multi-Collision Brake System(MCB)\*

The MCB function will automatically apply the brakes to reduce the vehicle speed and improve the vehicle stability after a collision. It is designed to reduce the risk of a

secondary collision caused by the uncontrolled movement of the vehicle after a collision.

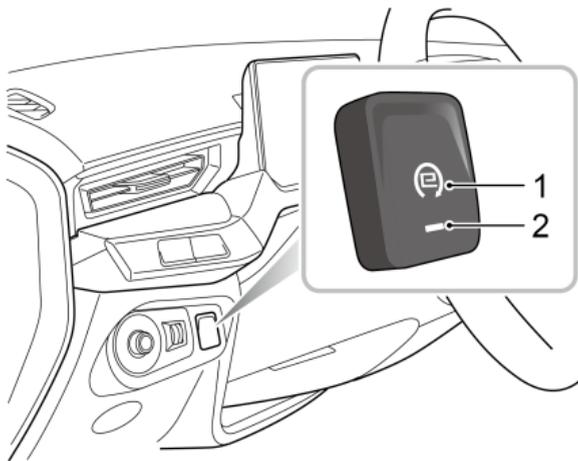
The MCB will be activated when the following conditions are all met at the same time:

- A vehicle collision where airbags are deployed;
- The vehicle speed is less than 37 mph (60 km/h);
- The steering wheel has not been turned in excess of 180° ;
- SCS is fault free.

If the driver presses the accelerator pedal firmly after the MCB function is triggered, the system will exit the braking state.

***Note: The MCB function cannot decelerate the vehicle in all cases of collision due to the fact that the collision process may cause some parts to malfunction or fail and affect the normal operation of the function.***

### Start-Stop Intelligent Fuel Saving System \*



- 1 Start/Stop System Switch
- 2 Start/Stop System Switch Lamp

Start-Stop intelligent fuel saving system allows the engine to start or stop automatically under idle conditions (such as waiting for traffic lights), this helps to improve fuel

economy and allows the vehicle to start or stop stably and reliably.

After the START/STOP Switch is turned to ON position, The Start-Stop Intelligent Fuel Saving System is enabled by default. Pressing the start/stop system switch ( 1 ) will turn off the Start-Stop intelligent fuel saving system, and its switch indicator lamp ( 2 ) extinguishes. If in the off state, press the start/stop system switch ( 1 ) will turn on the Start-Stop intelligent fuel saving system, and the indicator light of the start/stop system switch ( 2 ) will light up.

**Note:** *If the vehicle is driving through deep water, please use the Start/Stop system switch (1) of Start-Stop intelligent fuel saving system to shut down Start-Stop intelligent fuel saving system.*

### Automatic Shutdown of Engine

**Although the engine is not running after an automatic stop, the vehicle is still operating, therefore the following actions could be dangerous:**

- 1 **Leaving the vehicle while the seat belt is still buckled, or there is a substitute seat belt buckle inserted.**

**2 Vehicles with automatic transmission: The driver leaves the vehicle, with the shift lever still in Drive position ( D ).**

**3 Stretch the body into the engine compartment.**

**4 Refuel the vehicle. (Even if the engine has been shut down, the key must be removed for refueling.)**

Under the condition that the Start-Stop intelligent fuel saving system is enabled, the engine will be automatically shut down when detecting the following operations of driver as well as the vehicle states after the vehicle is stopped, and the Start-Stop intelligent fuel saving system indicator lamp on the instrument pack  illuminates:

- With the gear in D position and the brake pedal pressed, it will automatically shift to P/N gear after the engine is automatically shut down, and the vehicle is still in automatic shutdown status when the brake pedal is released.
- The vehicle speed signal on the instrument shows normal, and the maximum vehicle speed before parking is more than 10 km/h ( MT model: 5 km/h ).
- There is no significant steering operation after the speed is lower than 10 km/h.

- Close the bonnet and the driver door, wear the driver seat belt.

The Start-Stop intelligent fuel saving system will be disabled and the engine will not be stopped automatically when the followings occur:

- The adaptive cruise control system is active.
- The semi-automatic parking system is activated.
- Coolant temperature is below a preset limit.
- Front defrost is on.
- The comfort experience of air conditioning is not within the ideal range.
- Low battery or battery temperature not within the desired range.
- The vacuum in the braking system falls below a preset limit.
- Starter motor temperature is above a preset limit.
- Reverse gear selected or has been selected prior to parking.
- In high-altitude zones.
- On the hill.

### Automatic Engine Start

After the car is stopped, the engine will be automatically started when detecting one of the following operations of driver, and the Start-Stop system indicator lamp on the instrument pack (Ⓜ) extinguishes:

- Select D gear, and release the brake pedal.
- Depress the brake/accelerator pedal when P/N gear is selected.
- When in N gear, the gear shifts to driving gear.

**Note:** *When EPB system or Auto Hold system is enabled, release the brake pedal in D gear, the engine will not automatically start. The engine will trigger a start when the driver steps on the accelerator pedal to start.*

**Note:** *In individual situation, the malfunction indicator lamp on the instrument will illuminate in the process of automatic engine start. This occurs due to the low voltage during startup, not indicating actual faults. If the malfunction indicator lamp is still on for a long time after engine start-up, seek a local MG Authorised Repairer.*

Engine will start automatically upon demands of the vehicle after automatic stop:

- The semi-automatic parking function is activated.

- The defrost/fog function of the front windshield is activated.
- Activate the air conditioner, and the comfort experience of air conditioning is not within the ideal range.
- Battery power is below a preset limit.
- The vehicle speed exceeds its limits, for example, when slipping on slopes.
- The vacuum in the braking system falls below a preset limit.
- The Start/Stop System Switch ( I ) is pressed.

When one of the followings occurs after the engine is automatically stopped, the engine can only be manually started, and at this time, the Start-Stop system indicator lamp on the instrument pack extinguishes:

- The driver side seat belt is unbuckled.
- The driver door is open.
- Bonnet is open.

***In case of low battery, automatic engine start may fail after sudden flame-out, in this case, please refer to "Starter Inoperative, Serious Battery Capacity Loss".***

### Battery



*When charging/discharging the battery, or starting the car with an external power source or supplying power from the vehicle, the negative cable must be connected to vehicle body earth point, rather than the battery negative. Failure to do this will result in inaccurate battery power calculation which will effect the automatic engine start.*

**DO NOT disconnect the battery sensor unless absolutely necessary. Removal will result in inaccurate battery power calculation which will effect the automatic engine start.**

Failure to operate with the following instructions will effect the battery performance and the function of Start-Stop intelligent fuel saving system:

- 1 For vehicles with Start-Stop intelligent fuel saving system, following re-connection of the battery negative terminal, the battery needs to be left for at least 4 hours. Before this the automatic Start/Stop functionality of the engine will be disabled.

- 2 If the battery requires replacement, ALWAYS use the battery with the same type and same specifications. Failure to adhere to this can affect the automatic Start/Stop function.

### Start-Stop Intelligent Fuel Saving System Failure

If the Start-Stop intelligent fuel saving system failure occurs, seek a local Authorised Repairer.

When other MILs of the vehicle illuminate, such as engine MIL, transmission MIL, SCS MIL, etc., the Start-Stop intelligent fuel saving system may also stop operating. Please contact a local MG Authorised Repairer.

### Starter Inoperative, Serious Battery Capacity Loss

In the case of serious battery power loss, automatic engine start and key start may not be possible. In this case, the engine needs to be started by an external power supply, refer to "Emergency Starting" in "Emergency Information" chapter for the operating steps.

**Note:** *It is forbidden to connect the jumper cable to the battery negative! It will result in inaccurate battery power calculation which will effect the automatic engine start.*



## Leave Home Safe

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### Seat Belt



*It is important that all seat belts are worn correctly. Always check that all passengers are wearing seat belts. DO NOT carry passengers that are unable to wear correctly positioned seat belts. Wearing seat belts incorrectly may cause serious injury or even death in the event of a collision.*



*Airbags can not replace seat belts. Airbags can only provide extra support when triggered, and not all traffic accidents will trigger airbags. Whether airbags are triggered or not, seat belts can reduce the risks of serious injury or death in accidents. Therefore, seat belts must be worn properly.*



*NEVER unfasten a seat belt whilst driving, serious injury or death may occur in the event of an accident or emergency braking.*



*Never fasten the driver seat belt or use a buckle replacement when the driver seat is vacant or when exiting the vehicle.*



This vehicle is equipped with seat belt warning lamp to remind you to fasten your seat belt. Refer to "Warning Lights and Indicators" in "Brief Introduction to Vehicle Functions" section for details.

When the vehicle is moving, seat belts must be fastened for all occupants. Because:

- You can never predict if you will be involved in a collision accident and how serious it may be.
- The experience has clearly demonstrated that whether the occupant is effectively protected has a lot to do with whether the seat belt is properly worn or not in many collision accidents! In the event of a collision or emergency braking, the seat belts will automatically lock. When the seat belt is worn correctly, the strongest bone in your body will bear the impact force to reduce your speed together with the vehicle, so as to prevent the out-of-control movement which may cause serious injury to driver and passengers.

Therefore, all passengers must wear seat belts correctly, even during short-distance journeys.

### Protection Provided by Seat Belts

**Note:** *It is of equal importance for passengers in the rear seat to fasten their seat belts correctly. Otherwise, passengers with seat belts not correctly fastened will be thrown forward in accidents, and will endanger themselves as well as the driver and other passengers.*

When the vehicle is in motion, the moving speed of the passengers is identical to the running speed of the vehicle. In the event of frontal collision accident or emergency braking, the passengers not having the seat belt fastened properly will continue moving forward at the speed before collision due to inertia instead of stopping immediately until they come into contact with a stationary object. These objects may be the steering wheel, instrument panel, windscreen or any object in the vehicle in the way of forward movement.

For the passengers having the seat belt fastened properly, they will slow down together with the vehicle because of the automatic locking function of the seat belt, so as to prevent the out-of-control movement which may cause

serious injury to the driver and passengers. Under the protection of seat belt, you will have longer distance and more time to stop moving, and the strongest bone in your body will bear the impact force. That is why it is important to fasten the seat belt correctly.

When minor traffic accident occurs, trying to shore up your body with arms is very dangerous. Even the low speed collision will generate force that arms and hands can not support, therefore, seat belts must be worn correctly during driving.



### How to Wear Seat Belts Properly



*Incorrectly worn seat belts could cause injury or death in the event of an accident. Seat belts are designed for one person, DO NOT share seat belts.*



*DO NOT wrap a seat belt around when holding a baby or child in your arms.*



*Remove any heavy coats or clothing when wearing a seat belt, failure to do so can affect protection provided by the seat belt.*



*Seat belts should not be wrapped around hard or sharp objects such as pens, spectacles or keys.*



*Seat belts can not function correctly when the seats are reclined excessively. DO NOT drive when the seats are excessively reclined.*

adult use. For advice on seat belt use with children, please see “How Children Use Seat Belts”.

In order to maintain effective protection, the passengers must sit in the correct orientation, placing feet on the floor in front of them, with an upright body (no excessive recline) and the seat belt correctly fastened.

The seat belts fitted to your vehicle are designed for use by normal sized adults. This part of the literature refers to

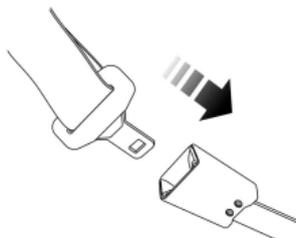
## Lap-shoulder Belts

All seat belts fitted on this vehicle are lap-shoulder belts which should be used properly following the instructions below.

- 1 Hold the metal tab, pull the seat belt out steadily over the shoulder and across your chest. Ensure there is no twist on the belt.



- 2 Insert the metal tab into the buckle until you hear a 'click', this indicates the seat belt is securely locked.

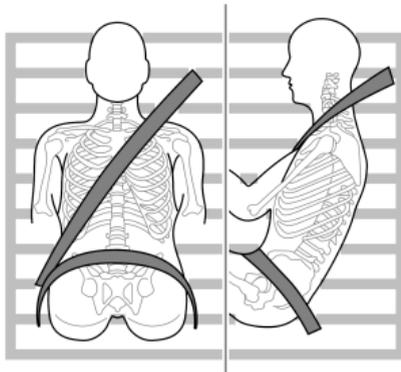


- 3 Pull the shoulder belt upward and tighten up the lap belt.
- 4 To release the seat belt, press the red button on the buckle, and the metal tab of the seat belt will automatically pop out. When the seat belt is released, the metal tab will automatically retract to its original position.

## Correct Routing of the Seat Belts



**Ensure the seat belt is correctly positioned on the body, NEVER cross the neck or abdomen, NEVER pass the seat belt behind the back or under the arms.**



When wearing seat belts, the lap belt section should be positioned as low as possible across your hips (never cross the abdomen), so that in a collision accident, the lap belt can apply force to the firm hips, reduce the possibility of body moving under the lap belt, and maximize the protection for passengers against injury. This is because if the accident occurs, the body moving under the lap belt will cause the lap belt to apply force on abdomen, which may cause serious or fatal injuries. The diagonal section of the belt should cross the middle of the shoulder and the chest. Never cross your neck, arms, or cross under

your arms or behind your back. In the event of emergency braking or collision, the diagonal section of the belt will be locked.

To ensure that the seat belts always provide maximum protection, ensure the belt is flat, not loose and contacts the body. Adjust seat belt to ensure it is not loose.

### **Seat Belt Use during Pregnancy**

During the whole pregnancy, the pregnant woman shall wear the lap - shoulder seat belt correctly. The diagonal section of the seat belt should pass across the chest as normal. The lap section of the belt should pass below the belly, low and snug on the hip bones. NEVER position the belt on or above the belly. Wearing correctly positioned seat belts will provide protection for both mother and unborn child in the event of a collision or emergency braking.



Please consult your physician for further details.

### **Seat Belt Use for Disabilities**

It is a legal requirement that all occupants wear seat belts, this include people with disabilities.

Please consult your physician for further details.

### **How Children Use Seat Belts**



*Only recommended child restraints suitable for the age, height and weight of the child should be used.*

For safety reasons, children shall ride in child restraint device fixed to the rear seat.

### Infants



*Only recommended child restraints suitable for the age, height and weight of the child should be used.*



*NEVER carry a child or infant with your arms during driving. When collision accidents occur, the weight of the child will produce so great of a force that you will not be able to hold on to the child. The child will be thrown forward and suffer serious injury or even death.*

Seat belts for adults are not suitable for young children, because seat belts can not lock their hips tightly. If collision accidents occur, they will suffer from serious injury or even death. Therefore, they shall be given special protection.

Infants shall use child restraint device. You shall choose the proper restraint device suitable for your vehicle and child, and install and use it in accordance with the instruction of manufacturer. Please refer to "Child Restraints" in this section for more details.

### Elder Children



*NEVER share a seat belt amongst children. In the event of an accident or collision, the children are not secure. It could cause death or serious injury.*



When the children are heavy and beyond the age of using children restraint device, they shall sit properly and use lap - shoulder belts seat belts equipped on the vehicle. Children are safer if they sit on rear seat and wear seat belts correctly.

Check seat belts for proper position in time. Adjust the height of seat belts to keep the shoulder belt away from

children's face and neck. Lap belt shall cross the hips as low as possible, just touch the thigh and tightened properly. In this way, seat belts can pass the applied force to the strongest part of children body in accidents.

If the shoulder belt is too close to children's face or neck, please buy and use child booster cushion that meets relevant law or standard. Child booster cushion can boost children to the height where the shoulder belt crosses just the middle of the shoulder and lower the lap belt to hips.

### Seat Belt Pre-tensioners



*The seat belt pre-tensioners will only be activated once and then **MUST BE REPLACED**. Failure to replace the pre-tensioners will reduce the efficiency of the vehicle's restraint system.*



*If the pre-tensioners have been activated, the seat belts will still function as restraints and must be worn in the event that the vehicle remains in a drivable condition. The seatbelt pre-tensioners should be replaced at the earliest opportunity by an MG Authorised Repairer.*

The vehicle is fitted with seat belt pre-tensioners besides some seat belt retractors. When medium or severe frontal collision occurs and meets the condition to activate the pre-tensioner, it will help to secure the seat belt to reduce passengers moving forward.

The airbag warning light on the instrument pack will alert the driver to any malfunction of the seat belt pre-tensioners (refer to “Warning Lights and Indicators” in “Brief Introduction to Vehicle Functions” section).

The seat belt pre-tensioners can only be activated once, after activation in a collision they must be replaced. This may also involve replacement of other SRS components. Please refer to “Replacement of SRS Components” in “Airbags” of this section.

### IMPORTANT

- Seat belt pre-tensioners will not be activated by minor impacts.
- The removal or replacement of a pre-tensioner must be carried out by the technicians trained by the manufacturer.
- 10 years from the initial date of registration (or installation date of a replacement seat belt pre-tensioner), some components will need to be replaced. The appropriate page of the Service Records must be signed and stamped once the work has been completed.

## Seat Belt Checks, Maintenance and Replacement

### Seat Belt Checks



*Split, worn or frayed seat belts may not function correctly in the event of a collision, if there are any signs of damage, replace the belt immediately.*



*Always ensure the red release button on the seat belt buckle is pointing upwards ensure easy release in the event of an emergency.*

Please follow the instructions below to check the seat belt warning light, seat belt, metal tab, buckle, retractor and fixing device regularly:

- Insert the seat belt metal tab into the corresponding buckle and pull seat belt webbing close to the buckle quickly to check that the belt clasp locks.
- Hold the metal tab and pull the seat belt forward quickly to check that the seat belt reel locks automatically, preventing the webbing from extending.
- Fully extract the seat belt and visibly examine for twists, fraying, splits or worn areas.

- Retract the seat belt and allow to return slowly to ensure continual and complete smooth operation.
- Visibly examine the seat belt for missing or broken components or components that may affect the normal operation.
- Ensure the seat belt warning system is fully functional.

If the seat belt fails to pass any one of above checks, please contact a local Authorised Repairer for repair.

### Seat Belt Maintenance



***DO NOT attempt to remove, install, modify, disassemble or dispose of the seat belts. Have any necessary repairs carried out by an MG Authorised Repairer. Inappropriate handling may lead to incorrect operation.***



***Ensure no foreign or sharp objects become lodged in the seat belt mechanisms. DO NOT allow liquids to contaminate the seat belt buckle, this could affect the buckle engagement.***

Seat belts should only be cleaned with warm soapy water. Do not use any solvent to clean the seat belt. Do not attempt to bleach or dye the seat belt, otherwise the strength of the seat belt will be severely weakened. After cleaning, wipe with a cloth and allow to dry. Do not allow the seat belt to fully retract before it is completely dry. Keep seat belts clean and dry.

If there are contaminants accumulated in the retractor, the retraction of seat belt will be slow. Please use a clean and dry cloth to remove any contaminants.

### Seat Belt Replacement



*Collision accidents may damage the seat belt system. The seat belt system may not be able to protect users after damage, which may result in serious injury or even death. After an accident, seat belts should be checked and replaced as needed immediately.*

Seat belts may not require change after minor collisions. However, some other parts of the seat belt system, like metal tab, buckle, retractor, etc., may be deformed or damaged in the collision. Please go to a local Authorised Repairer for repair or replacement of seat belt assembly.

### Airbag Supplementary Restraint System

#### Overview



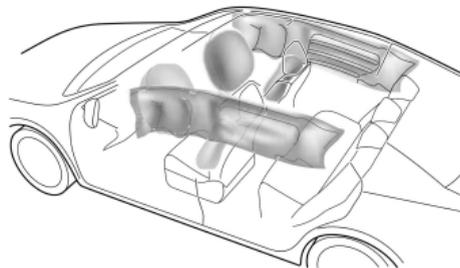
*The airbag SRS provides **ADDITIONAL** protection in a severe frontal impact only. It does not replace the need or requirement to wear a seat belt.*



*The airbags together with the seat belts provide optimum protection for adults, but it is not the case for infants. The seat belt and airbag systems in the vehicle are not designed for protecting infants. The protection required by infants should be provided by child restraints.*

In the corresponding place where airbags are fitted, there is a warning sign stating “ AIRBAG ”. Generally, SRS contains the following components (the components are not completely the same according to different model and configuration):

- Frontal airbags (fitted in the centre part of the steering wheel and the instrument panel above the glove box respectively)
- Side airbags (fitted in the outer seatback cushion of the two front seats)\*
- Side curtain airbags (fitted in the roof interior trim)\*



#### Airbag Warning Lamp



This vehicle is equipped with airbag warning lamp to remind you of the state of the security system.

Refer to "Warning Lights and Indicators" in "Brief Introduction to Vehicle Functions" section for details.

### Airbag Deployment



*Front seat passengers should not place feet, knees or any other part of the body in contact with or in close proximity to a front airbag.*



*To minimise the risk of accidental injury from inflating airbags, seat belts should be worn correctly at all times. In addition, both driver and front passenger should adjust their seat to provide sufficient distance from the frontal airbags, so as to avoid severe or even fatal injury when the airbag is deployed. If side airbags and side head impact protection airbags are fitted, both driver and front seat passenger should be seated to maintain sufficient distance from the upper part of the body to the sides of the vehicle, this will ensure maximum protection when the side airbags/side head impact protection airbags are deployed.*



*An inflating airbag can cause facial abrasions and other injuries if the occupant is too close to the airbag at the time of its deployment.*



*When airbags are deployed, children without proper protection may suffer from serious injury or even death. DO NOT carry children in the arms or on the knees during traveling. Children should wear seat belts suitable to age. DO NOT lean out of windows.*



*After deployment, the relative airbag components will become very hot, such as the steering wheel, instrument panel and both sides of the roof rails. DO NOT touch any airbag related components after airbag deployment, it may cause burns or serious injury.*



*DO NOT knock or strike the position where any airbag related parts are located, so as to avoid accidental airbag deployment which may cause serious injury or even death.*



*DO NOT affix or place any objects on or adjacent to the airbags. This may affect the airbag passage or create projectiles that may cause injury or serious harm in the event of airbag deployment*

In the event of a collision, the airbag control unit monitors the rate of deceleration or acceleration induced by the collision, to determine whether the airbags should be deployed. Airbag deployment is virtually instantaneous and occurs with considerable force, accompanied by a loud noise.

In the event of a severe frontal collision, a completely deployed airbag, along with a correctly worn seat belt, can limit the movement of the driver and front passenger, reducing the risk of head and chest injuries. For vehicles fitted with side airbags and side curtain airbags, when the vehicle encounters serious side collision, the completely

deployed airbag will form a cushion of air between the occupant and the vehicle side to reduce the risk of body side injuries.

When you sit upright in the seat and against the backrest, seat belts and airbags can provide the most effective protection. When encountering serious collision, airbags will deploy drastically. At this moment, if you or other passengers do not use seat belts properly, and lean forward, recline or sit in other incorrect postures, you or other passengers are likely to suffer from serious injury or fatal injury.

### IMPORTANT

- Airbags cannot protect lower body parts of passengers.
- Airbags are not designed for rear collision, minor frontal collision or if the vehicle rolls over, nor will it operate as a result of heavy braking.
- Deployment and deflation of the airbags takes place very quickly and will not protect against the effects of a secondary impact if it occurs.
- When an airbag inflates, a fine powder is released. This is not an indication of a malfunction. However, the powder may cause irritation to the skin and should be thoroughly flushed from the eyes and any cuts or abrasions of the skin. If your skin, eyes, nose or throat etc feels uncomfortable, please consult a doctor.
- After inflation, front and side airbags deflate immediately. This provides a gradual cushioning effect for the occupant and also ensures that the driver's forward vision is not obscured.

### Frontal Airbags



**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. Refer to 'Disabling the Passenger Airbag'.**



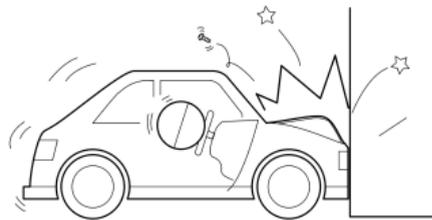
**Front seat passengers should not place feet, knees or any other part of the body in contact with or in close proximity to a front airbag.**



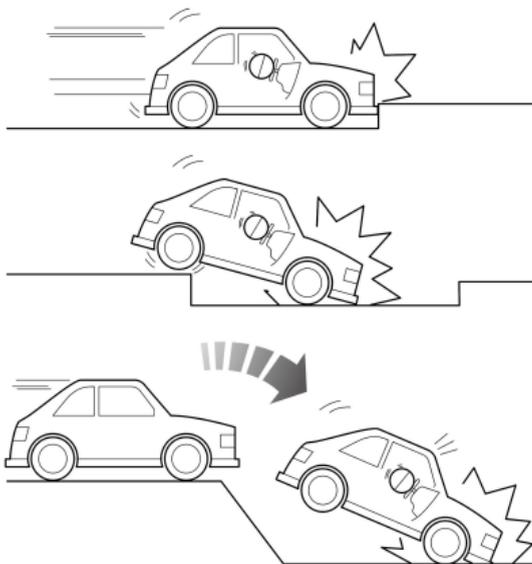
**In extreme cases driving on very uneven surfaces may cause airbag deployment. Please take extra care when driving on uneven roads.**

Frontal airbags are designed to deploy during serious frontal impacts or similar impacts. Conditions described below or similar ones may cause airbag deployment.

- A frontal collision with unmovable or non deformable solid objects at a high speed.



- Vehicle chassis are seriously damaged. Conditions that can cause serious chassis damage, such as a collision with roadside stone steps, road edges or hard surface, falling in deep ravines or holes, or hitting the ground violently after jumping up.



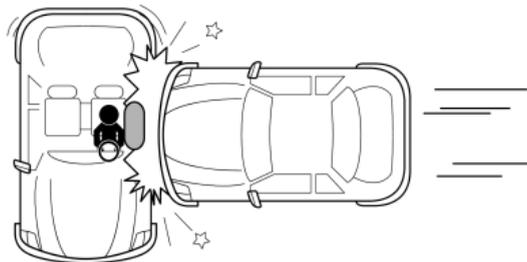
### Side Airbags and Side Curtain Airbags\*



*The structure and material of the seat is critical to the correct operation of side airbags. Therefore, please DO NOT fit seat covers which may affect side airbag deployment.*

In the event of a serious side impact, the relevant side airbag will deploy from the seat cover, and the side curtain airbags will deploy from the roof interior trim (only the affected side). The other side will not deploy. Conditions described below or similar ones may cause side airbag and side curtain airbag deployment.

- One side of the vehicle collides with high-speed ordinary passenger car.



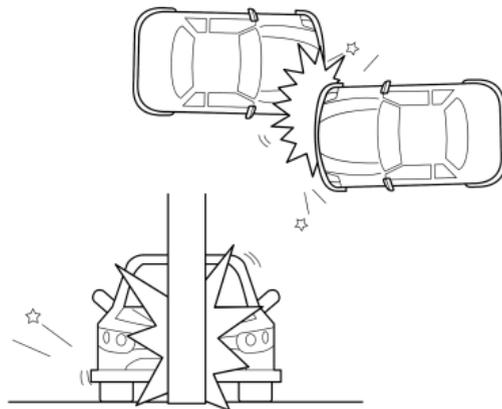
### Conditions in Which Airbags Will Not Deploy

The deployment of airbags does not depend on the vehicle speed, but on the object that the vehicle hits, angle of impact and the rate at which the car changes speed as a result of a collision. When the impact force of collision is absorbed or dispersed to vehicle body, airbags may not deploy; however, airbags may sometimes deploy according to impact condition. Therefore, the deployment of airbags shall not be judged based on the severity of vehicle damage.

### Frontal Airbags

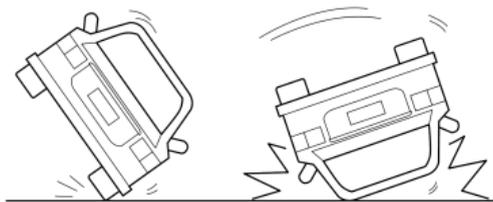
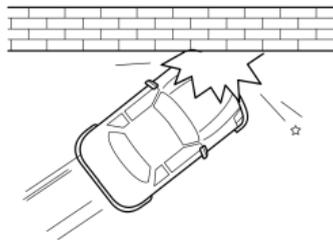
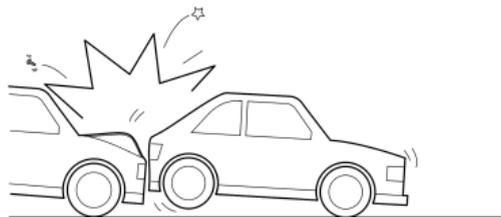
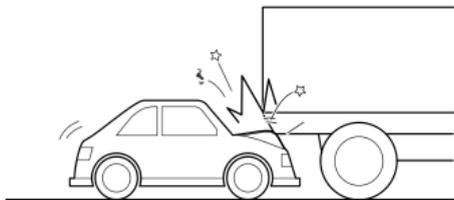
Under conditions described below or similar ones, the frontal airbags may not be deployed:

- The impact point is not central to the front of the vehicle.
- The impact is with a solid utility pole or traffic sign post.



## LEAVE HOME SAFE

- Collision with the bottom part of the truck's tail; cut-in collision with trucks or vehicles with a higher chassis.
- Frontal collision at an angle with guardrails.

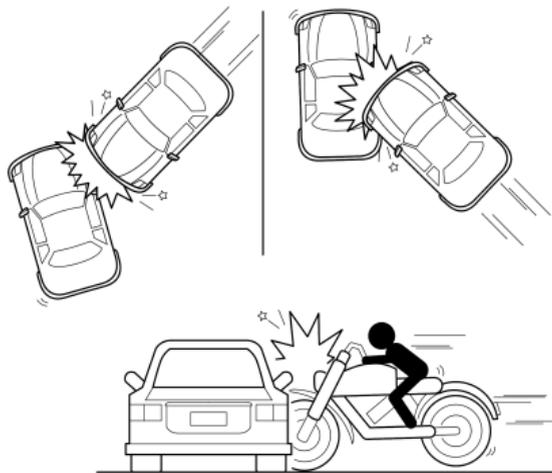


- Impacts to the rear or side of the vehicle.
- The vehicle rolls over.

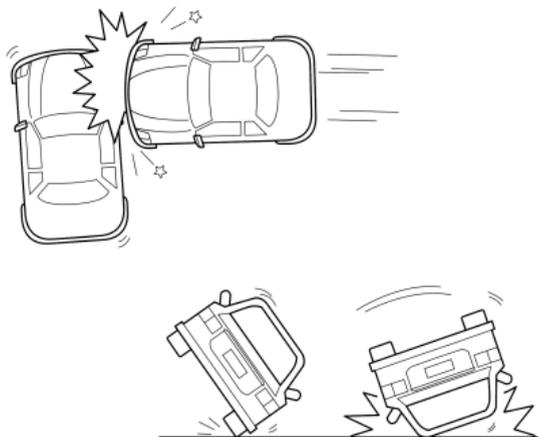
### Side Airbags and Side Curtain Airbags\*

Under conditions described below or similar ones, the side airbags and side curtain airbags may not be deployed:

- Side impacts at certain angles.
- Light side impacts such as a motorcycle.

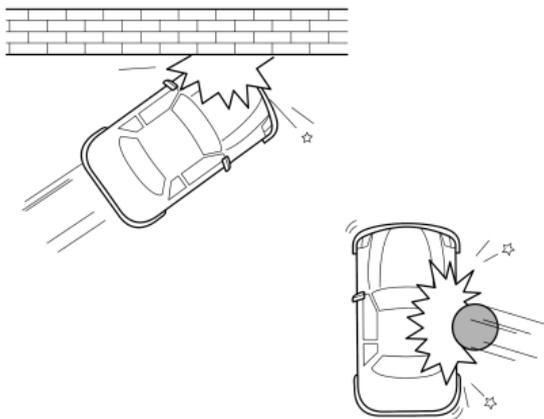


- Side impact on engine compartment.
- Side impact on trunk.
- The vehicle rolls over.

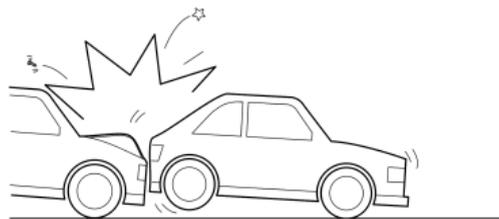


## LEAVE HOME SAFE

- Frontal collision at an angle with guardrails.
- Side collision with posts.



- Frontal collision with parking or moving vehicles.
- The impact is from the rear of the vehicle.



### Service and Replacement of Airbags

#### Service of SRS components



**DO NOT install or modify the airbag. Any changes to the vehicle structure or airbag system wiring harness are strictly prohibited.**



**Changes to vehicle structure is prohibited. This may affect the normal operation of the SRS.**



**DO NOT allow these areas to be flooded with liquid and DO NOT use petrol, detergent, furniture cream or polishes.**



**If water contaminates or enters the airbag system, it may cause damage and affect deployment. In this case, even if the collision does not occur, the airbag may accidentally deploy. Immediately shut down the power system and disconnect the battery cable; do not try to start the power system. In this case contact an MG Authorised Repairer immediately.**

If the airbag warning lamp fails to illuminate or remains on, or there is any damage in the front or side of the vehicle and the cover of airbag module has any sign of damage, please go to a local Authorised repairer to check SRS of the vehicle.

#### IMPORTANT

- The removal or replacement of an airbag module should be carried out by an MG Authorised Repairer.
- After 10 years from the initial date of registration (or installation date of a replacement airbag), some components will need to be replaced by an MG Authorised Repairer. The appropriate page of the Service Portfolio must be signed and stamped once the work has been completed.

### Replacement of SRS components



*Even if the airbag does not deploy, collisions may cause damage to SRS in the vehicle. Airbags may not function properly after damage and can not protect you and other passengers when a second collision occurs, which may cause serious injury or even death. To ensure that SRS can function properly after collision, please go to an MG Authorised Repairer to check airbags and repair as necessary.*

Airbags are designed for using once only. Once the airbag is deployed, you must replace the SRS components.

## Child Restraints

### Important Safety Instructions about Using Child Restraints

Children under the age of 12 years are recommended to be seated in the rear seats. Compared with adults, children's muscles and bones do not fully develop, so you need to use dedicated child restraints to protect children. Use child restraints in rear seats to protect children based on the child's age, height and weight.

Only child restraints that comply with relevant regulations or standards (such as EU regulations ECE-R44 and ECE-R129 ) are permitted to be used in this vehicle. When choosing a child restraint, check relevant marks or instructions about the weight range applicable for the child restraint and the usage message on it.

When installing and using a child restraint, it is necessary to comply with relevant laws and regulations, the instructions supplied by the child restraint manufacturer, and the instructions on children's safety in this Handbook.

The correct use of child restraints will greatly reduce children's injury risk in accidents or relieve their injury

severity, and please pay attention to the followings when you use child restraints:

- All children must use an appropriate child restraint.
- It is recommended that children shorter than 1.5 metres (or under 12 years of age) should use the appropriate child restraint, and cannot use regular seat belt, otherwise it may cause the abdomen and neck injuries.
- Never let your children ride in unprotected case. Care should not be neglected because of children sitting on the child restraint.
- Only one child may be carried in any one restraint.
- DO NOT put the child on the lap or in arms when sitting in any seat.
- Proper child restraint can provide protection for your children.
- The backrest angle of the 2nd-row seat is adjustable, so when you install the child restraint onto the 2nd-row seat, adjust the backrest angle to the appropriate position and lock it up.
- Relevant front seat may need to be adjusted frontward or the rear seat to be adjusted backward for installing the rear facing child restraint to the rear seats.

- The position of seat head restraints may need to be adjusted for installing the forward facing child restraint to the rear seats.
- Never let your child stand or kneel on the seat during driving, otherwise, your child may be tossed and thus injury to their own and other people or even death may be caused when an accident occurs.
- If a child's body leans forward or the posture is not correct during driving, then the accident will increase the risk of injury.
- The method of using seat belts has a great influence on the maximum protection offered by the seat belt, and you must comply with the child restraint manufacturer's instructions on proper use of seat belts. If seat belts are not properly fastened, even a minor traffic accident may lead to injury.
- Child restraints that are not fitted correctly may move and injure other occupants in the event of an accident or emergency braking. Therefore, even if there is no infant or child in the child restraint, it should be fitted properly and securely in the vehicle.

### Warnings and Instructions on Use of Child Restraint on Front Passenger Seat



 **NEVER** use a rearward facing child restraint on the front passenger seat with the front passenger airbag activated, otherwise **DEATH** or **SERIOUS INJURY** to the **CHILD** may occur.

 **Use one child restraint per child.**

Please carefully read the safe driving warning label on the sun visor. Always install the child restraint in the rear seat

for security reasons. And above warning shall be noted in a special case when the child restraint must be used on front passenger seat.

### Important Instructions on Children's Safety and Side Airbags

 **Children should not be allowed in areas where side airbags may be deployed, there is a risk of serious injury.**

 **Only recommended child restraints suitable for the age, height and weight of the child should be used and firmly fixed in the vehicle.**

 **DO NOT** place any items in areas where side airbags may be deployed, there is a risk of serious injury.

In the event of a side collision, the side airbags can provide better protection for the passenger. However, when the airbag is triggered, a very strong expansion force is generated, if the passenger's seating position is not correct, the airbags or items in the side airbag deployment area may cause injury.

Therefore, the correct child restraint shall be used to secure the child properly in the rear seat and ensure the child's seating position is correct and there is enough space between the child and the side airbag deployment area for the airbag to deploy without any hindrance in a traffic accident, and thus provide the best protection.

### Fixing Child Restraints

#### Secured Using Lap and Shoulder Belts



***Please DO NOT put the rearward facing child restraint on the front passenger seat with the front passenger airbag activated, this may cause serious injury or even death.***



The child restraint can be secured to the rear seat by the lap and shoulder belts.

## Secured with ISOFIX Device



*The ISOFIX anchorages in the rear seat are designed for use with ISOFIX systems only.*



*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.*

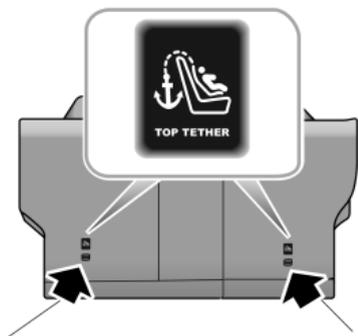
The 2nd-row seats of this vehicle on both sides are provided with ISOFIX interface (as indicated by the arrow in the figure below) connected to the ISOFIX child restraint. When installing and removing any child restraint system, always follow the manufacturer's instructions.



- Insert the tapered plastic sleeve into ISOFIX anchor between the seat cushion and backrest.
- Push the ISOFIX attachment of the child restraint into the tapered plastic sleeve already fitted, and snag it in the ISOFIX anchor.

## LEAVE HOME SAFE

- After the installation, push or shake the child restraint with moderate force to confirm it is properly secured.



- The Top-tether (as arrowed in the figure above) for auxiliary fixation of the child restraint is provided at the back of the rear seat backrest. The single top-tether of the child restraint must pass through space between the rods of the rear seat headrest, and dual tether must pass from both sides of the rear seat headrest.

**Note:** *When using seat mounted, universally approved child restraint systems, the top tether must be used.*

## Child Restraint Groups and Installation Position

Only approved child restraints suitable for children are allowed. Children taller than 1.5 metres may directly use the seat belts in the vehicle. Child restraints shall comply with relevant regulations or standards, such as EU regulations ECE-R44 and ECE-R129.

### Approved Child Restraint Positions

Only approved child restraints suitable for children are allowed. Children higher than 1.5m may directly use

the seat belts in the vehicle. It is recommended that a child restraint system that complies with UN ECE-R44, ECE-R129 is fitted in this vehicle.

Mass Group	Seating Position		
	Front Passenger	2nd-row Outboard	2nd-row Centre
Group 0 (up to 10 kg)	X	U	U
Group 0+ (up to 13 kg)	X	U	U
Group I ( 9 to 18 kg)	X	U <sup>1</sup>	U <sup>1</sup>
Group II ( 15 to 25 kg)	X	U <sup>1</sup>	U <sup>1</sup>
Group III ( 22 to 36 kg)	X	U <sup>1</sup>	U <sup>1</sup>

Note: Description of letters in the table: U = Suitable for universal child restraint systems approved for this mass group; X = Seat position not suitable for child restraint systems in this mass group.

## LEAVE HOME SAFE

<sup>1</sup> If the child restraint interferes with the headrest during the installation, please adjust the headrest to the highest position. If the interference persists, please remove and store the headrest properly.

### Approved Child Restraint Positions (for ISOFIX Child Restraints)

Fixing Position		Mass Group					
		Group 0	Group 0+	Group I <sup>1</sup>		Group II <sup>1</sup>	Group III <sup>1</sup>
		Rear-facing		Forward-facing	Rear-facing	Forward-facing	Forward-facing
		Up to 13 kg		9~18 kg		15~25 kg	22~36 kg
Front Passenger	Size Class	No ISOFIX Equipped					
	Type of Child Restraint						
ISOFIX on both sides of the 2nd row	Size Class	C , D , E <sup>2</sup>	A , B , BI <sup>2</sup>	C , D <sup>2</sup>	-	-	
	Type of Child Restraint	IL	IL , IUF	IL	IL	IL	
2nd-row Centre	Size Class	No ISOFIX Equipped					
	Type of Child Restraint						

Note: IL = suitable for particular ISOFIX child restraints of the semi-universal category in the list. Please refer to the vehicle list recommended by child restraints manufacturer;

IUF = suitable for forward-facing ISOFIX child restraints of universal category approved for use in this mass group and ISOFIX size class;

<sup>1</sup> If the child restraint interferes with the headrest during the installation, please adjust the headrest to the highest position. If the interference persists, please remove and store the headrest properly;

<sup>2</sup> The ISOFIX size class for both universal and semi-universal child restraints is defined by the capital letters A to G . These identification letters are displayed on the ISOFIX child restraints.

## I-Size Child Restraint Table

This table provides recommendations for the installation position of I-Size child restraint and the suitability of the corresponding child's size.

Type of Child Restraint	Front Passenger Seat	Rear Outboard	Rear Centre
I-Size Child Restraint	X	I-U	X
Booster Child Restraint	X	I-B	X

Note: I-U means it is suitable for forward-facing or rear-facing I-Size child restraint;

I-B means it is suitable for the following: forward-facing Group II/III ISOFIX Booster child restraint, and forward-facing I-Size child restraint for the child with height of 100-150 cm (about 39-59 inches);

X means it is not suitable for I-Size child restraint.

*Note: It is recommended that children at the age of 18 months should use Britax Baby Safe child restraint, children at the age of 3 use Duo Plus child restraint, and children at the age of 6 use Kidfix III S child restraint. The seat belt guide (safety protective device) and side connector extension piece shall be used. The side connector extension piece shall be extended to the outermost side when in use. Children at the age of 10 are recommended to use Nania Dream child restraint.*

### Group 0/0+ Child Restraint



*Never place a rearward facing child restraint on the front passenger seat with the front passenger airbag activated.*



Child restraint that can be adjusted to lying position are the optimum selection for infants with a weight below 10 kg (usually corresponding to the infants younger than 9 months) or the infants with a weight below 13 kg (usually corresponding to the infants younger than 24 months).

### Group I Child Restraint



*Never place a rearward facing child restraint on the front passenger seat with the front passenger airbag activated.*



Rear-facing child restraints are most suitable for infants whose weight is 9 ~ 18 kg (normally for those older than 9 months and younger than 4 years old). Forward-facing child restraints may also be used.

### Group II Child Restraint



*The diagonal section of the seat belt should pass across the shoulder and upper body, away from the neck. The lap section of the belt should pass across the hips, away from the abdomen.*



The combination of child restraint and lap-shoulder belt is most suitable for children whose weight is 15 ~ 25 kg (normally for those older than 3 years old and younger than 7 years old).

### Group III Child Restraint



*The diagonal section of the seat belt should pass across the shoulder and upper body, away from the neck. The lap section of the belt should pass across the hips, away from the abdomen.*

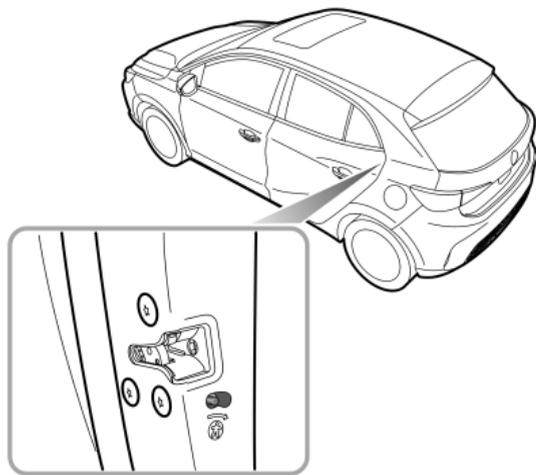


The combination of child booster seat and lap-shoulder seat belt is most suitable for children whose weight is 22 - 36 kg and whose height is below 1.5 m (normally for those about 7 years old or those older than 7 years old).

### Child Proof Locks



**NEVER** leave children unsupervised in the car.



**Steps for enabling or disabling the child proof locks are as follows:**

- Open the relevant rear door, in the direction of the arrow, toggle the child proof lock lever to the lock position to engage the child proof locks;

- Move the lever to the unlock position in the reverse direction of the arrow to disable the child proof lock. With the child proof lock engaged, the rear door on the corresponding side cannot be opened from inside the car, but can be opened from outside the car.

### Body Stability Control System

#### Body Stability Control System

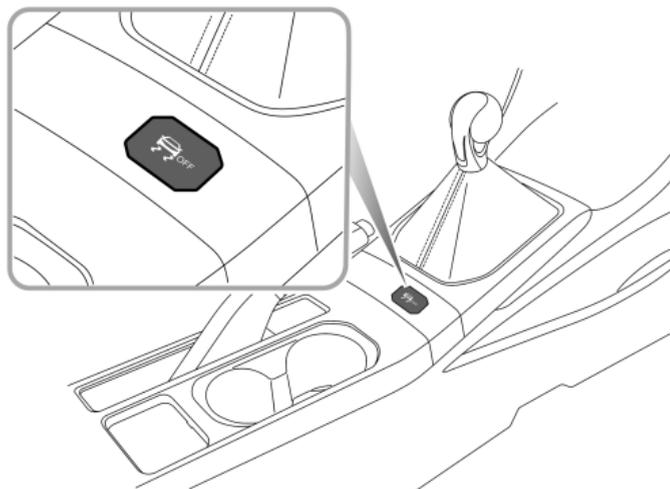
The body stability control system includes Dynamic Stability Control System ( SCS ) and Traction Control System ( TCS )

SCS is designed to assist the driver in control of driving direction. When SCS detects that the vehicle is not moving in the intended direction, it will intervene by applying brake force to selected wheels or through the power system to prevent sliding and stabilise the driving direction by correcting the under-steering or over-steering.

TCS contributes to maintaining the control to the vehicle by improving the vehicle's traction trafficability and driving stability. TCS monitors the driving speed of each wheel individually. If spin is detected on one wheel, the system will automatically brake that wheel, transferring torque to the opposite, non-spinning wheel. If both wheels are spinning, the output torque of the power system will be reduced in order to regulate wheel rotation until traction is regained.

SCS and TCS are automatically switched on when the Start switch is placed in ON/RUNNING position. They can be switched off by using the switch located on the entertainment display or central armrest box.

If the switch locates on the central armrest box, the position as shown:



**Note:** *Disabling SCS and TCS will not affect the operation of ABS . Always disable SCS and TCS when driving with snow chains fitted.*

### **Resuming body stability control system**

When the battery is resumed after it runs out or is disconnected, the body stability control warning lamps will illuminate, and the dynamic stability control/traction control system will not work properly.

In this case, the electric power steering (EPS) is required to be initialised, i.e., move the steering wheel from lock to lock. Thus electric power steering (EPS) warning lamps and the body stability control warning lamps extinguish, and the dynamic stability control/traction control system will resume.

### Anti-lock Brake System (ABS)



*When travelling at high speed or there is a danger of aquaplaning, i.e. where a layer of water prevents adequate contact between the tyres and the road surface, ABS cannot overcome the physical limitations of stopping the car in a short distance. In these cases, it is the responsibility of the driver to maintain a safe distance from other vehicles.*



*DO NOT pump the brake pedal at any time, this will interrupt the operation of ABS and may increase the braking distance.*

The ABS is mainly used to automatically adjust the braking force of each brake when braking to prevent the wheels from being locked, thus avoiding dangerous situations such as loss of direction or side slip during emergency braking.

This system enables the driver to maintain control over the steering in case of emergency braking, keeps the vehicle stable, and improves the safety factor.

Under normal braking conditions, ABS will not be activated. However, if the braking force exceeds the

adhesion between the tyres and the road surface, causing the wheels to lock, the ABS will automatically come into operation. This will be recognisable by a rapid pulsation felt through the brake pedal.

If emergency braking is required, the driver should apply full braking effort to trigger the ABS even when the road surface is slippery.

**Note:** *On soft surfaces such as powdery snow, sand or gravel, vehicles equipped with ABS may have a braking distance greater than those without ABS. This is because the natural action of locked wheels on soft surfaces is to build up a wedge of material in front of (or to the side of, if steering) the tyre contact patch. This effect assists the car to stop when braking or to change direction when steering.*

#### IMPORTANT

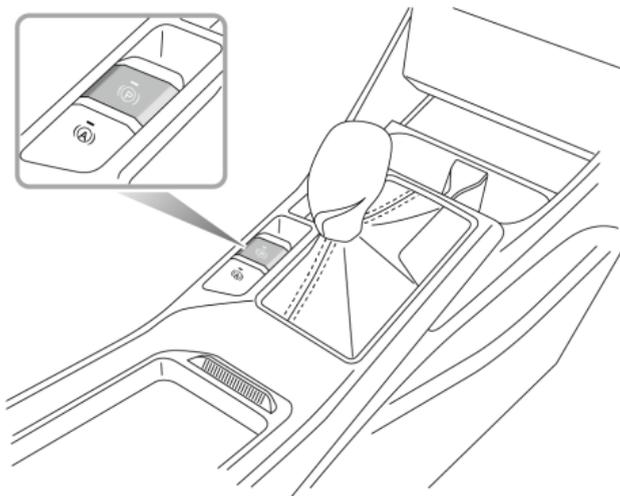
- Although ABS can greatly improve driving safety, the real safety still depends on the driver's own standard driving behavior.
- The normal braking system remains fully operational and is not affected by partial or full loss of anti-lock braking system ( ABS ).

## Parking Brake

### Parking Brake System - Electronic Parking Brake ( EPB )\*



***In the event of EPB malfunction where EPB release is not possible, please consult an MG Authorised Repairer in order to carry out an emergency manual release of the parking brake.***



The EPB system can be turned on and off through the following:

Pull up the EPB switch to turn on the EPB system after the vehicle is parked safely. Place the Start switch in ON/RUNNING position, depress the brake pedal, and press the EPB switch to turn off the EPB system.

If the indicators (P) in the EPB switch and in the instrument pack illuminate, it indicates that the EPB system has been turned on. If the indicators (P) in the EPB switch and in the instrument pack extinguish, it indicates that the EPB system has been turned off.

**Note:** *When leaving the vehicle, the EPB must be applied.*

**Note:** *An audible motor noise may be heard when applying or releasing the EPB.*

**The electronic parking system cannot be activated or deactivated when the vehicle battery is discharged. If this is the case, apply the emergency starting power system with a jumper cable, please refer to the 'Jump Starting' section in the 'Road Emergency Response' section.**

### Starting Aid

If the driver's seat belt is fastened, the engine is started up, D or R gear is selected and the accelerator pedal is depressed for start off, the EPB system will automatically release.

### Emergency Braking Function



***Inappropriate use of EPB can lead to accidents and injuries. DO NOT apply the EPB for vehicle braking whilst moving, unless in an emergency.***



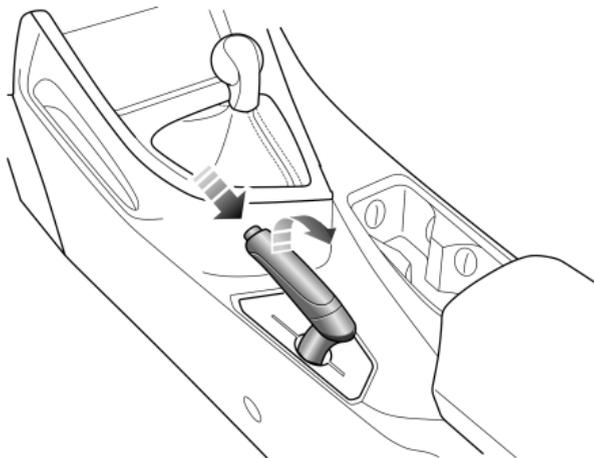
***During emergency braking using the EPB, DO NOT switch off the ignition/power system, this could result in serious injury.***

In the event of normal brake failure during driving, emergency braking can be initiated by pulling and holding the EPB switch upward. An audible warning will sound during emergency braking. The braking process will be canceled by releasing the EPB switch.

### Parking Brake System - Manual Parking Brake\*



***Do not drive with the parking brake applied, or apply the parking brake whilst the vehicle is in motion. This could result in loss of control, prevent the ABS from functioning correctly, and may even cause damage to the rear brakes.***



The parking brake operates on the rear wheels only. To apply the parking brake, pull the lever upward. While parking, ensure the parking brake lever stays in pulling-up state.

To release, pull the lever up slightly, then press the button at the end of parking brake lever and fully lower the lever.

When parking on a steep slope, do not rely on the parking brake alone to hold the vehicle.

### **Auxiliary Brake System**

The auxiliary brake system consists of Electronic Brake Force Distribution System ( EBD ) and Electronic Brake Assistance System ( EBA ).

The EBD automatically distributes the braking force between the front and rear wheels, so that the vehicle can have good braking performance under different load conditions.

The EBA increases the braking force applied on each wheel during emergency braking to assist the driver in quickly triggering ABS , thereby shortening the braking distance.

### Auto Hold\*



*The auto hold function cannot guarantee the stability of the vehicle when starting off or braking on hills especially on slippery or icy surfaces.*



*When auto hold stops the vehicle, for reasons such as engine shut-down, releasing the seat belt or pressing the auto hold switch, the electronic parking brake is applied. It cannot be guaranteed that the vehicle will be stabilised in all cases. For example, the rear wheels are on a slippery road surface or the vehicle incline is too great (larger than 20%). Please make sure that the vehicle is safely stabilised prior to exiting.*



*DO NOT leave the vehicle when the engine is operating and the auto hold is active.*

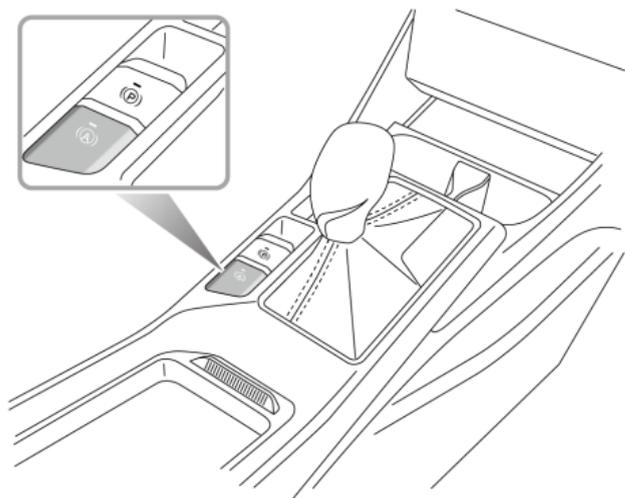


*Auto hold cannot guarantee the electronic parking brake operation in all cases where the ignition system is shut down. Please ensure the electronic parking brake is applied and the vehicle is stabilised prior to exiting the vehicle.*



*The auto hold function should be switched off during the use of automatic car washes, the electronic parking brake may suddenly apply and cause vehicle damage.*

If the vehicle is required to stop frequently for long periods while driving (such as wait at the traffic lights, stop on a slope or in urban stop-and-go conditions), the Auto Hold function can assist you in stabilising the vehicle, enabling you to remove your foot from the brake pedal when the vehicle is stationary and the Auto Hold is active.



Auto Hold has 3 states as follows:

1 Standby:

With the driver's seat belt fastened, the door closed and the engine running, press the Auto Hold switch to switch the function from Off to Standby state. The indicator of Auto Hold Switch illuminates.

2 Operating:

When the vehicle is moving forward, depress the brake pedal to a certain depth. After the vehicle is fully stopped, the Auto Hold function is switched from Standby to Parking state. In this state, the green indicator 'A' on the instrument panel illuminates.

When the Auto Hold is in the Parking state, engaging D gear and depressing the accelerator pedal will automatically release the Auto Hold function based on the slope.

The Auto Hold will release from the Parking state if R gear is selected.

3 OFF:

Press Auto Hold switch again to disable the function.

The Auto Hold will exit the parking state under some circumstances such as releasing the seat belt, turning off the engine, remaining static for a length of time or pressing the Auto Hold switch. At this time, the EPB will be applied.

**Note: With the brake pedal pressed, operating the switch to turn the auto hold off, the system will NOT apply the parking brake.**

**Note: When the vehicle is in P gear, the auto hold function will not be engaged.**

### Hill Hold Control (HHC)



*It is impossible for HHC to keep the vehicle in a standstill state under all circumstances (e.g. slippery ground, snow and ice, etc.) when going uphill and the driver must constantly pay attention to the vehicle condition.*



*With the HHC in service, the driver is strictly prohibited from leaving the vehicle, otherwise serious accidents may occur.*



*During hill start under a stop-and-go road condition, please step on the brake pedal deeply for several seconds before each start.*

HHC assists the driver by "holding" the vehicle during hill starts. If the driver releases the brake pedal, the HHC will hold the vehicle stationary for a short time.

The HHC will be activated when the following conditions are met simultaneously:

- The driver's seat belt has been fastened and the driver's door is closed.
- The vehicle is stopped steadily on a slope.
- SCS is fault free.
- EPB / manual parking brake is fault free and released.
- The engine is started.
- In D or R gear.
- Sufficient force has been applied on the brake pedal before start.

**Note:** *The HHC can also work when the vehicle is reversing uphill.*

### **Active Rollover Protection (ARP)\***

The ARP system is a driver aid to assist the stability of the vehicle. It is not a guarantee that the vehicle will not roll over.

When the vehicle is at risk of rollover during dynamic driving (such as lane change) or steady driving (such as loop driving), the ARP will automatically brake the outside wheels to cause the vehicle to understeer and prevent rollover.

***Note: With ARP in use, the vehicle under-steers and it is normal if it fails to steer in accordance to driver expectations.***

## Emergency Braking Hazard Warning Strobe (HAZ)\*

If the driver makes an emergency braking manoeuvre and certain conditions are met while driving, the brake lamp will automatically flash to alert the drivers behind, thereby reducing the risk of rear-end collision accidents.

**Note:** *If the hazard warning lamps are being operated manually, this suspends the HAZ function.*

When the emergency braking manoeuvre is exited, the HAZ function will be switched off after a few seconds.

**Note:** *As the car speed drops to below 6 mph (10 km/h) and the system no longer flashes the brake lamps, the hazard warning lamps will illuminate automatically. Short press the hazard warning lamp switch or increase your speed to above 12 mph (20 km/h) for 5 s to switch off the hazard warning lamps.*

### **Pedestrian Alert Control System\***

In order to improve the safety, your car is fitted with a Pedestrian Alert System. When the vehicle is travelling at a low speed, on electrical power, the system controls a speaker that sounds to remind pedestrians in the vicinity of your presence.

#### **Strategies of sounding warnings**

The speaker sounds when all of the following conditions are met:

- 1 The vehicle is READY;
- 2 The pedestrian alert system is fault free;
- 3 When the vehicle accelerates, the vehicle speed is less than 30 km/h. When the vehicle decelerates, the vehicle speed is less than or equal to 25 km/h.

## Tyre Pressure Monitoring System (TPMS)\*



***TPMS can not replace routine maintenance and checks of the tyre condition and pressure.***



***Using equipment that transmits on frequencies similar to that of the TPMS may interfere with the operation of the Tyre Pressure Monitoring System, this may illuminate a warning or register a temporary fault.***

TPMS monitors the tyre pressure through radio wave and sensing technique. TPMS sensor can monitor the pressure of vehicle's tyre and send it to a receiver in the vehicle. The tyre pressure can be checked through the entertainment display for some vehicles and through the trip computer interface for other vehicles. TPMS can remind you of low tyre pressure, but it can not replace normal tyre maintenance. For tyre maintenance, please refer to "Tyres" in "Maintenance" section.

**Note:** TPMS only gives the driver a warning when the tyre pressure is low and it will not inflate the tyre.



If the TPMS malfunction indicator lamp illuminates, and the warning message such as "XX Tyre Pressure Insufficient" or "XX Tyre Pressure Low" is displayed, it is advised that you should stop the vehicle as soon as possible, check the tyre pressure and inflate the tyre to the standard pressure value. The tyre pressure label attached to the B pillar indicates the standard pressure value required by your vehicle tyres when they are cold.

Driving with under-inflated tyres may overheat the tyres and cause tyre fault. In addition, insufficient inflation will also decrease fuel economy, shorten the life of wheel track, and may affect the operational performance and brake performance of the vehicle.

### TPMS Self-learning

When replacing a TPMS sensor or receiver, or performing tyre rotation, the TPMS self-learning is required, some vehicles can perform the following operations to complete self-learning:

- 1 Power off and lock the vehicle for 25 minutes.
- 2 Drive continuously for 15 minutes at a speed greater than 40 km/h, and make more turns while driving.

**Note:** *Ensure that the TPMS sensor is an original factory component.*

**Note:** *If self-learning fails, the TPMS malfunction indicator lamp will illuminate, please try repeating the above operations.*

If you have any questions during the self-learning, please consult a local MG Authorised Repairer for more details.

## **Comfortable Experience**

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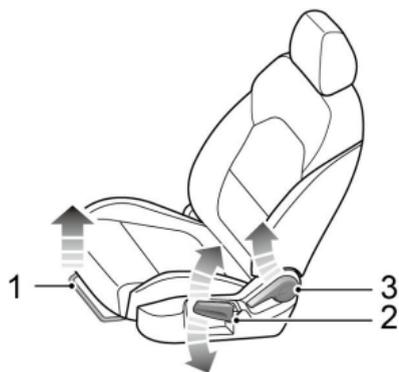
## COMFORTABLE EXPERIENCE

### Seat Adjustment

#### Front Seats

*Note: Due to different model configurations, the function of the front seats are not completely identical.*

#### Manual Adjustment



- Forward/Rearward Adjustment

Lift the lever 1 to slide the seat into an appropriate position; and release the lever to make sure that the seat is locked in position.

- Cushion Height Adjustment\*

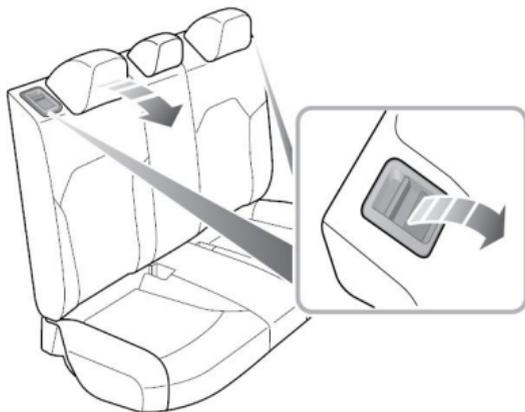
Lift the handle 2 repeatedly to raise the seat cushion; and press the handle 2 repeatedly downward to lower the seat cushion.

## COMFORTABLE EXPERIENCE

- **Backrest Angle Adjustment**

Lift the handle 3 to adjust the backrest to an appropriate angle; and release the handle to make sure that the backrest is locked in position.

### Rear Seats



- **Folding Rear Seats**

If you want to expand the trunk space, first fully lower (or remove) all the rear seat headrests, and then pull

up the control handle respectively on both sides to fold the seat backs forward.

**Note:** *When the rear seat headrests are not fully lowered or the front seat backrest is inclined backward excessively, the folding of the rear seat is very likely to damage the back of the front seat or the rear seat headrest.*

- **Unfolding and Locking Rear Seat Backrests**

When unfolding the rear seat back again, pull up the back control handle to release the locked state, push the back until it reaches an appropriate position, and the back is locked when you hear a click.

**Note:** *When returning the rear seat backrest to the desired position, make sure that the rear seat belt is not trapped.*

### Head Restraint Operation



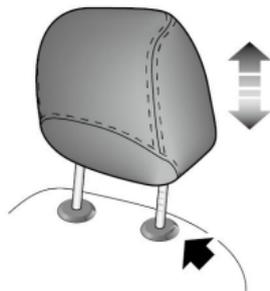
**Adjust the height of the head restraint so that the top of it is in line with the top of the occupant's head. This location may reduce the risk of neck injuries in the event of a collision. Do not adjust or remove the head restraints while the car is moving.**

## COMFORTABLE EXPERIENCE



**Do not hang anything on any head restraint or head restraint rod.**

The head restraint is designed to prevent rearward movement of the head in the event of a collision or emergency braking, thereby reducing the risk of head and neck injuries. The height of split type head restraint can be manually adjusted.

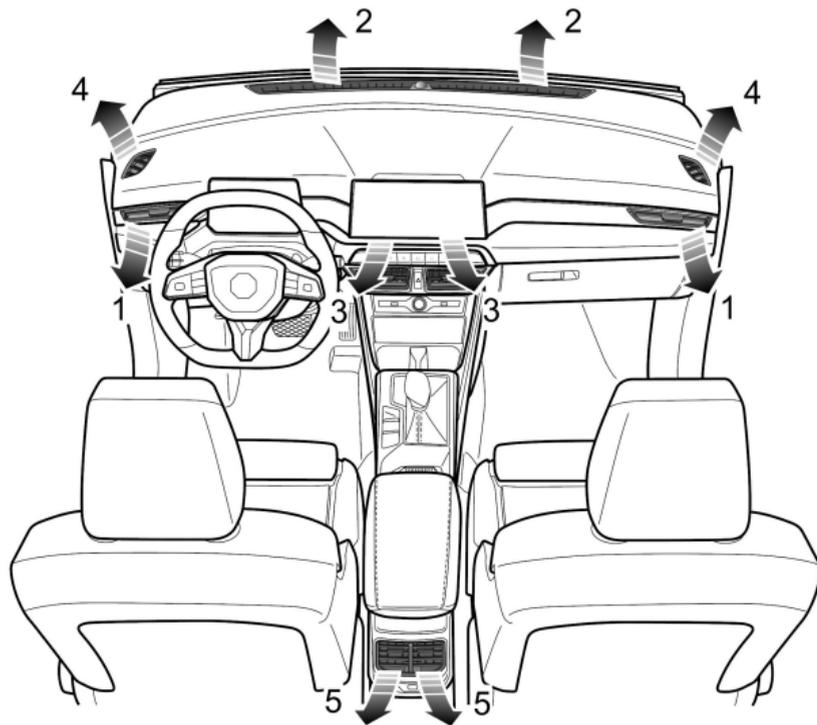


When adjusting a head restraint from low to high position, pull the head restraint directly upward, and gently press it downward after it reaches the desired height to make sure that it is locked in position. To remove the head restraint, press and hold the guide sleeve button (as indicated by the

arrow) on the left of the head restraint, then pull the head restraint upward to remove it.

When adjusting a head restraint from high to low position, press the guide sleeve button (as indicated by the arrow) on the left of the head restraint, and press the head restraint downward; release the button after it reaches the desired height, and gently press the head restraint downward to make sure that it is locked in position.

## Ventilation System



- 1 Side Vents
- 2 Windscreen Vents
- 3 Centre Vents
- 4 Front Side Window Vents
- 5 Rear Vents\*

## COMFORTABLE EXPERIENCE

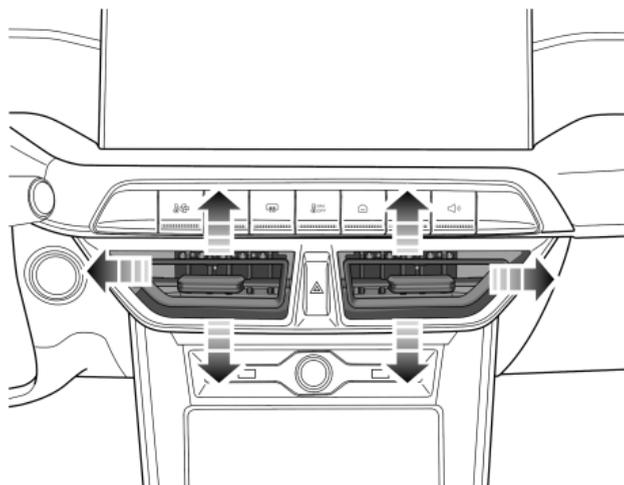
The A/C system is used to adjust the temperature, speed, humidity and cleanness of the air inside the vehicle. Fresh air is drawn in through the air intake grille under the windscreen and the A/C filter element. Always keep the air intake grille clear of obstructions such as leaves, snow or ice.

### A/C Filter Element

An A/C filter element is used to filter the air. To remain fully effective, the filter element should be replaced at the recommended service interval.

### Vents

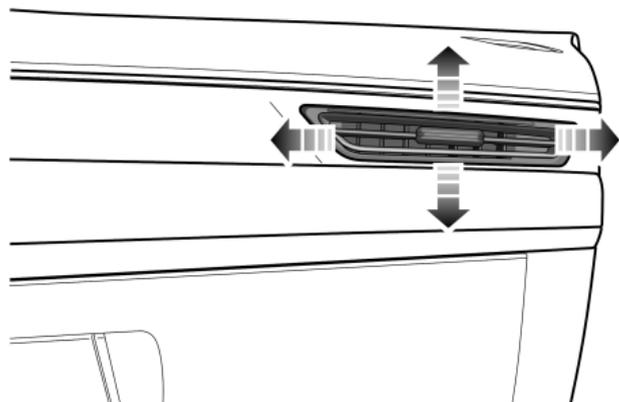
#### Regulation of Centre Vents



Move the knob in the centre of the louvres from side to side to open or close the vent. Direct the air flow by moving the knob up and down, or from side to side.

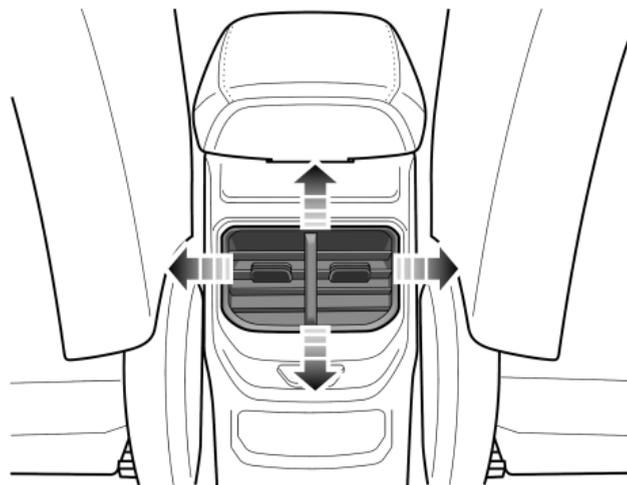
## COMFORTABLE EXPERIENCE

### Regulation of Side Vents



Move the knob in the centre of the louvres from side to side to open or close the vent. Direct the air flow by moving the knob up and down, or from side to side.

### Regulation of Rear Vents\*

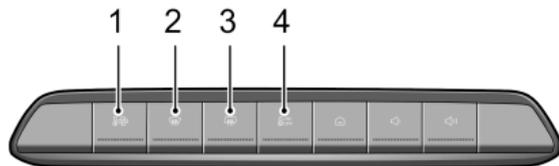


Move the knob in the centre of the louvres from side to side to open or close the vent. Direct the air flow by moving the knob up and down, or from side to side.

## COMFORTABLE EXPERIENCE

### A/C Control Panel

#### Control Panel



- 1 Shortcut Key to A/C interface
- 2 Defrost/Demist Button
- 3 Heated Rear Window Button
- 4 Shortcut Key to A/C On/Off

#### Shortcut Key of A/C On/Off

Touch the A/C On/Off shortcut key to turn the A/C system on/off.

**Note:** All functions will revert to the state prior to switching off, if you operate the A/C system using the A/C Control Shortcut.

#### Defrost/Demist Button

Touch the Defrost/Demist button, the button indicator lamp will illuminate, and the system will enable Defrost/Demist function to clear the mist or frost on the windscreen and front windows.

Touch the Defrost/Demist button again to exit the defrost/demist function, and the system will return to the previous state.

In the defrost/demist mode, turning the cooling function on/off and switching the air circulation mode will not exit the defrost/demist mode; operating the air distribution mode will exit the defrost/demist mode.

#### Heated Rear Window Button



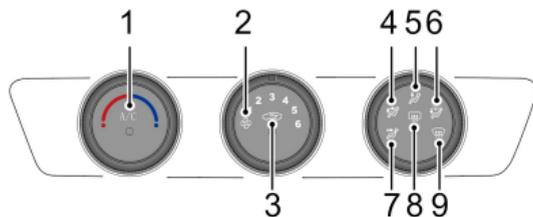
**The heating elements on the inside of the rear window are easily damaged. DO NOT scrape or scratch the inside of the glass. DO NOT stick labels over the heating elements.**

Enable/disable the heated rear window function by touching the Heated Rear Window button. The function is enabled when the indicator illuminates and is disabled

when the indicator goes out. The heated rear window function will be automatically disabled after it has been enabled and working for a certain period.

**Note:** *The heated rear window function will only operate when the vehicle is in the READY/RUNNING state.*

### Control Panel B\*

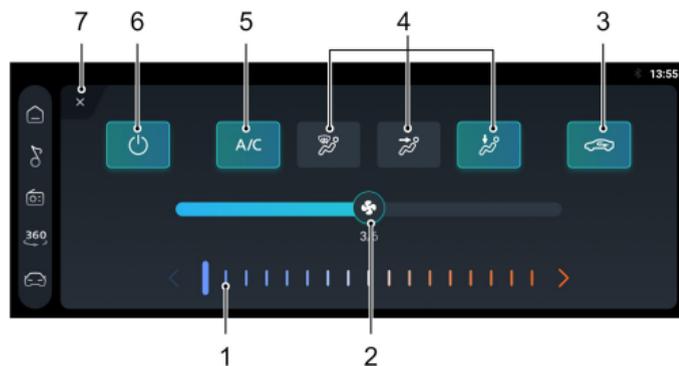


- 1 A/C On/Off Button and Temperature Control Knob
- 2 Blower Speed Control Knob
- 3 Adjustment Button for Air Internal/External Circulation Mode
- 4 “Face+Feet” Mode
- 5 “Feet” Mode
- 6 “Windscreen+Feet” Mode

- 7 “Face” Mode
- 8 Heated Rear Window Button\*
- 9 Windscreen Defrost/Demist Mode

## A/C Control Interface

### Air Conditioning Control Interface - Connected Car \*



- 1 Temperature Control Bar
- 2 Blower Speed Control Bar
- 3 Air Recirculation Mode
- 4 Air Distribution Mode
- 5 A/C On/Off
- 6 System On/Off
- 7 Exit A/C Interface

### System On/Off

Touch the System On/Off Button on the control interface to switch the system ON/OFF.

### A/C On/Off

Touch the A/C On/Off Touch Button to turn the A/C ON/OFF.

### Air Distribution Mode

Select the corresponding Air Distribution Mode Touch Button as required to regulate the air distribution mode.

Three Air Distribution Mode could be activated multiply according to the need.

Windscreen Mode: Directs air to the windscreen/defrost and front side window vents.

## COMFORTABLE EXPERIENCE

**Note:** In this mode, a small amount of airflow will be directed to the side vents.

Face Mode: Directs air to the side and centre vents.

Feet Mode: Directs air to the footwell vents.

**Note:** In this mode, a small amount of airflow will be directed to the side, windscreen/defrost and front side window vents.

Windscreen and Face Mode: Directs air to the windscreen/defrost, front side window, side and centre vents.

Windscreen and Feet Mode: Directs air to the windscreen/defrost, front side window and footwell vents.

**Note:** In this mode, a small amount of airflow will be directed to the side vents.

Face and Feet Mode: Directs air to the side, centre and footwell vents.

Windscreen, Face and Feet Mode: Directs airflow to the windscreen/defrost, front side window, side, centre and feet vents.

### Air Recirculation Mode

Touch the air recirculation mode button as needed to adjust the air recirculation mode.

During internal recirculation mode, the A/C system circulates the air inside the vehicle to meet the requirements of rapid cooling or heating, and at the same time, it can prevent the outside dirty air from entering the vehicle.

During the external circulation, the A/C system draws air from outside the vehicle to ensure fresh air enters the vehicle.

**Note:** Leaving the system in internal recirculation mode can cause the windscreen to mist. If this happens, turn on the defrost/demist mode.

### Temperature Control

Touch the temperature control bar to regulate the temperature of the air supplied by the vents.

### Blower Speed Control

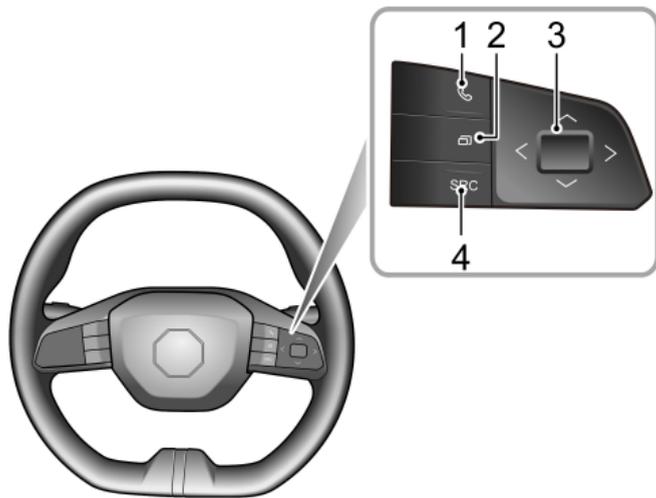
Touch the blower speed control bar to regulate the blower speed.

## Radio \*

### MOGI Screen

MOGI screen can display Radio, Music, Phone, Time, Emoticons, Volume, etc.

### Steering Wheel Entertainment Control Buttons



1 BT Phone Button

Short press to answer an incoming call, long press to end the call. The vehicle does not support direct phone calls initiated by the vehicle terminal.

On the radio AM Mode and Bluetooth phone not in use : long press to switch the radio's step length to 9KHz or 10KHz .

#### 2 Infotainment/Instrument Display Button

The function adjustment button is a dual-purpose button, which when pressed will switch control between the Instrument mode and the Infotainment mode. In response control mode, the corresponding content will be highlighted.

FM / AM : Long press the Infotainment/Instrument Display Button to open or close favorites list.

#### 3 Function Adjustment Button

FM / AM mode : Swipe left to switch to the previous radio station; Swipe left and keep it unchanged to

search for the previous radio station; Swipe to the right to switch to the next radio station; Swipe to the right and keep it unchanged to search for the next radio station; Move upwards; Increase volume; Swipe down to decrease volume; Short press to play/pause; Long press to save or cancel the collection.

USB Music mode : Move to the left and move to the previous track; Swipe to the left and keep it unchanged, rewind quickly; Swipe to the right for the next song; Swipe to the right and keep it unchanged, fast forward; Move upwards; Increase volume; Swipe down to decrease volume; Short press to play/pause.

BT Music mode : Move to the left and move to the previous track; Swipe to the right for the next song; Move upwards; Increase volume; Swipe down to decrease volume; Short press to play/pause.

#### 4 SRC Button

short press to cycle through switching in sequence FM/AM、USB Music、Bluetooth music and other interfaces。

FM / AM mode : Long press to search global radio station.

USB Music mode : Long press to switch the playback mode of music.

#### Notes On Playing Storage Media Mode For USB Music

- This system supports USB format FAT32 , and the supported song formats are MP3, AAC, WAV, APE, and FLAC.
- If the USB device media is not in use, DO NOT leave the device connected. This may result in connection deterioration.
- Do not remove USB device whilst media is playing.Failure to follow these instructions could result in corrupted data.
- Keep the USB port dry and free from debris. The port will become unusable if it is blocked.
- Due to differences in the compression ratio and bitrate of the multimedia formats downloaded from the Internet and other factors, the actual situation of the decoding result shall prevail.

## COMFORTABLE EXPERIENCE

### Connecting/Disconnecting a USB Storage Device

#### Inserting a USB Storage Device

Insert the USB device into the interface to connect.

#### Removing the USB Storage Device

Check and confirm that there is no data being accessed, then pull out the USB storage device.

**Note:** *If any data loss or breach occurs whilst the USB storage device is inserted or being used, it will generally be unrecoverable. MG Motor accepts no responsibility for any data loss or breach.*

**Note:** *Some USB storage devices may be unidentifiable.*

**Note:** *Using a USB hub or extension cable may result in the USB device not being recognised.*

### Bluetooth Pairing and Connection

The steps of Bluetooth pairing and connection are as follows:

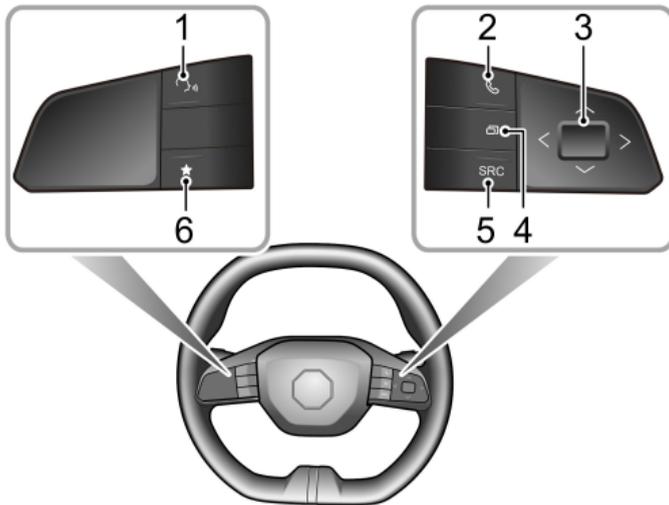
- 1 Enable Bluetooth function on your phone and search for the entertainment host for pairing.

- 2 The car will receive a Bluetooth pairing request, and the instrument pack will display a Bluetooth pairing request. Short press the Function Adjustment Button to agree to pairing, long press the Function Adjustment Button to refuse pairing.
- 3 After successful pairing, the instrument panel will prompt "Connection successful". If pairing fails, please try repeating the above steps.

When the vehicle restarts, the car will automatically connect to the previously connected Bluetooth device.

### Intelligent Display interface\*

#### Steering Wheel Entertainment Control Buttons



1 Speech Recognition Function Button

Short press to turn on the phone's connected voice recognition function; short press again to exit the speech recognition function.

2 BT Phone Button

Short press to answer an incoming call, long presstoend the call.

3 Function Adjustment Button

When in the infotainment mode: Move up : Volume up ; Move down : Volume down ; Move to the left: Previous track; Move to the right: Next track; Short press: Mute or Cancel Mute.

4 Infotainment/Instrument Display Button

The function adjustment button is a dual-purpose button, which when pressed will switch control between the Instrument display and the Infotainment system.

5 Right Shortcut Button

This function button can be customized in the vehiclesettings on the homepage.

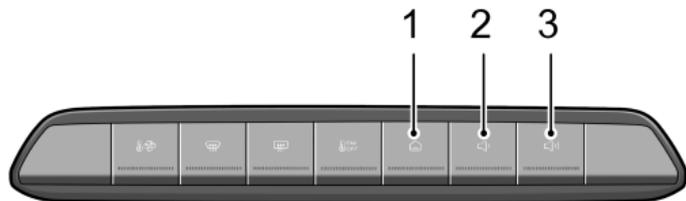
6 Left Shortcut Button

The default is to open/close the vehicle settings interface; Other functions can be customized in the vehicle settings on the homepage.

# COMFORTABLE EXPERIENCE

## Basic Operations

### Control Panel



1  ( HOME Button )

Short press to return to the main interface; long pressto restart the system.

2 Volume Down Button

3 Volume Up Button

## Main System Interface

### Page

Swipe left and right to display all system function icons, such as music, radio, video, Bluetooth phone, A/C, etc.



1 Status Bar

Display Bluetooth, Time, etc.

2 Homepage Card

Including Music, Bluetooth Phone, Mobile Internet, etc.

Click to enter the relevant function interface.

### 3 Menu Bar

Display 5 function icons: HOME, Bluetooth Music Radio, Phone, My Car. Long press on the menu bar icons (except for the HOME icon) can be edited on the menu bar.

### Bluetooth Phone

#### Bluetooth Pairing and Connection

The steps of Bluetooth pairing and connection are as follows:

- 1 Touch [Bluetooth] in the Settings interface to enter the Bluetooth Connection interface, and turn on the Bluetooth switch.
- 2 Open Bluetooth function on your phone and search for this entertainment console to pair
- 3 Your phone will receive a Bluetooth pairing request, confirm and click 'Pair'.
- 4 After successful pairing, the intelligent display status bar will display . If pairing fails, please try repeating the above steps.

Successfully paired phones will be stored in the 'pairing history' list. Touch the phone name list to connect to the Bluetooth of the phone, and touch [Disconnect] to disconnect the Bluetooth connection. Touch [Remove the device] to remove the phone from the pairing history device list.

### Vehicle-Mobile Phone Interconnection

**Note:** *Due to the differences of mobile phone models and system versions, some mobile phones may not be able to use the vehicle-mobile phone interconnection function normally.*

#### General functions

Long press the floating ball on the interconnection projection screen interface, which can be dragged as needed. After release, the edge of the hovering ball will be displayed.

Click on the floating ball on intelligent display interface to exit the screen, return to the homepage.

When the Vehicle-Mobile Phone Interconnection is interconnected, enter interface again and display the face before exiting the screen.

#### Apple CarPlay

Apple CarPlay enables information interaction between the mobile phone and the on-board infotainment system, including map, music, telephone, voice recognition and soon.

#### Connection Method

- 1 Confirm that your iPhone has the Carplay function and that it is turned on.
- 2 Connect the mobile phone to the infotainment system mainframe using an approved USB cable.
- 3 In the main interface, touch [Apple CarPlay] area to enter the Apple CarPlay interface.
- 4 After the vehicle and mobile phone are successfully connected, you can operate the iPhone using the infotainment system screen.
- 5 Press the HOME button on the control panel to return to the main system interface. Or click on the



icon on the screen homepage to return to the car homepage.

#### Android Auto

Android Auto enables information interaction between the android mobile phone and the on-board infotainment system, including map, music, telephone, voice commands and so on.

### Connection Method

- 1 Connect the mobile phone to the infotainment system using an approved USB cable.
- 2 In the main interface, touch the [Android Auto] areato enter the Android Auto interface.
- 3 After the vehicle and mobile phone are successfully connected, you can operate the Android using the infotainment system screen.
- 4 Press the HOME button on the control panel to return to the main system interface.Or click on the  icon on the screen homepage to return to the car homepage.



## **Intelligent Driver Assistance**

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## **INTELLIGENT DRIVER ASSISTANCE**

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## Instructions for Intelligent Driver Assistance

### Disclaimers for Intelligent Driver Assistance Function

**To use the Intelligent Driver Assistance function, the user and the driver shall pay special attention to, understand and accept the followings:**

- 1 At present, all available Intelligent Driver Assistance functions require the driver to take the initiative to monitor and take over the entire driving process, and the vehicle has not yet achieved full autonomous driving. The safety and reliability of such functions will require more mileage to demonstrate in order to achieve a driving level that far exceed those of human drivers. The implementation of autonomous driving also depends on legal regulations and administrative approval (some jurisdictions may take longer). With the evolution and improvement of such functions, your vehicle will be updated and upgraded in feasible

ways (subject to that the software and hardware on the vehicle are available at that time).

- 2 The user and driver shall carefully read, learn, understand and implement the relevant content in the User's Handbook of the vehicle, and use and service the vehicle (and its related functions) in accordance with the requirements herein (in particular, the functional module instructions and use restrictions for intelligent driver assistance and intelligent cockpit). The user and the driver shall always take the responsibilities and obligations stipulated in the Road Traffic Safety Law and other laws and regulations, and always maintain the takeover of the steering wheel and brake of the vehicle. In the event of any personal or property damage caused by the user or the driver (for example, failure to use the vehicle in accordance with the requirements of the User's Handbook, or failure to take over the steering wheel and/or brakes at any time as required by the Road Traffic Safety Law), the user or the driver shall bear all responsibilities and consequences.
- 3 The Intelligent Driver Assistance function can only play an auxiliary role under certain conditions, and

## INTELLIGENT DRIVER ASSISTANCE

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cannot replace the driver's observation of the road environment. The driver shall drive cautiously and cannot rely on the function. The User's Handbook has stated clearly in its obligation the various restrictions on the use of auxiliary functions (i.e. the circumstances under which certain functions may not be enabled or may stop working).

- 4 The Intelligent Driver Assistance function has requirements for objective conditions such as weather, road surfaces and driver operations, and may be invalid, improper or untimely due to several factors, which is not equivalent to the design and application defects of the product. If the user and the driver cannot understand or accept the above disclaimers, do not use the Intelligent Driver Assistance functions. If the functions are enabled, please exit immediately.



***Camera and radar operation may be impaired in certain driving situations, weather and road conditions. In areas where there are complex traffic conditions such as intersections road junctions with congestion or poor general conditions, the driver MUST take full control of the vehicle.***

The Intelligent Driver Assistance system can detect the road and environmental information ahead of the vehicle with the camera, and provide the warning messages or intervene the vehicle when certain conditions are met to help the driver control the vehicle more safely and reliably.

***Note: DO NOT operate any infotainment switches whilst driving. If you wish to make any settings changes, please pull over when it is safe and legal to do so.***

# INTELLIGENT DRIVER ASSISTANCE

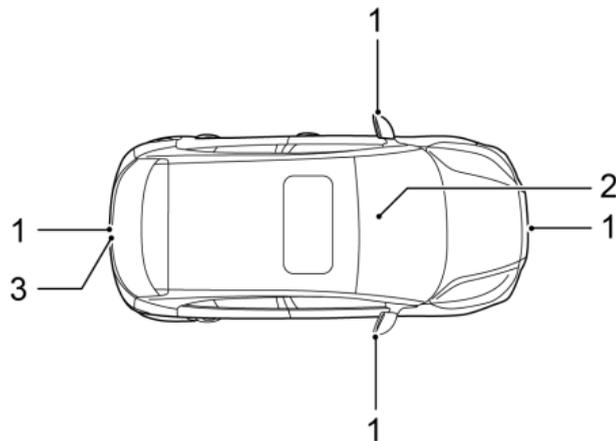
## Camera and Radar

### Driver Assistance Camera

The following view cameras are equipped on the vehicle: surround view camera, front view camera module, parking camera (subject to the vehicle you purchased).

The camera carries out target identification in the form of vision, and provides identification information for related functions after identifying the target in the surrounding area of the vehicle.

### Camera Installation Position



- 1 Surround View Camera
- 2 Front View Camera Module
- 3 Parking Camera

**Note:** The configuration of cameras are subject to the specification of the vehicle purchased.

**Note:** To ensure that the front view camera works properly, always keep it clean and free of ice, snow, water, dust, etc.

## INTELLIGENT DRIVER ASSISTANCE

**Note:** To ensure the camera works properly, always keep the windshield in front of the camera clean with no objects blocking the view between the camera and the windshield.

**Note:** Please wipe camera lenses with a soft cloth or wash with water (of low pressure) when foreign objects are found on the camera surface. Do not use a high pressure water jet to flush the camera and do not use abrasive or sharp objects to clean the camera.

### Camera Calibration

Anyone other than an Authorised Repair personnel cannot remove/refit the camera. Recalibrate the front view camera module in the following situations:

- The module has a maladjustment failure, for example the position of the camera has changed;
- Remove/refit the camera or its bracket;
- Remove/refit the windscreen;
- The four-wheel alignment parameters have changed.

**Note:** If the front detection radar is subject to strong vibration or slight impact, the mounting position of the front detection radar needs to be checked and re-calibrated as necessary.

**Note:** Please consult an MG Authorised Repairer for more details about camera calibration.

**In the following situations, the detection performance of the camera will be affected:**

- The camera is defaced or obscured by obvious foreign objects; and in the case of being covered by ice, snow, mud and dust.
- In poor visibility or a bad weather (such as heavy rain, snow, fog, haze, smoke, dust, sand storm, etc.).
- In poor light such as: in the evening, at night, in the tunnel without illumination, etc.
- Due to the dust and water spraying caused by the sanitation vehicles and sprinklers in operation on the side lane; or the water mist caused by frontal or lateral vehicles on the highway in the rainy day. Construction areas of the unpaved road surface.
- The view of the camera is interfered by the strong light (such as the headlamps of a coming vehicle, the headlamps of a rear vehicles or the direct sunlight).
- Excessive light such as strong light and slanting sunshine (Backlight phenomenon is more common at high altitude regions).

## INTELLIGENT DRIVER ASSISTANCE

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- When driving on the boulevard at night, the road lamp flashes erratically; and quick bright/dark jump (tunnel entrance/exit).
- Travelling on the high-reflection road, for example, after the rain, snow or other high-reflection conditions.
- The temperature of an extremely hot or cold weather will interfere with or affect the sensor performance to some extent.
- The camera view is partially or wholly sheltered in such conditions, such as stains, tree gum, oil, stickers, etc. on the windscreen, the detection view sheltered by foreign objects like moldings and stickers, and the outer side of windscreen not sprayed and wiped in time.
- The windscreen in the camera view is broken or has cracks or other optical-affected changes;
- The slow wiping speed or the worn, aged and warped wipe blade causes the view of front view camera not to be wiped clean, and there are water stains and scratch marks in the view of the sensor.
- The demist/defrost effect of the front windscreen is unsatisfactory in wet conditions.
- The camera is not secured in place or firmly, or the fixture itself wobbles.
- The camera is not calibrated after removal or replacement.

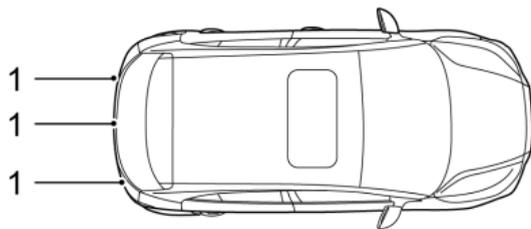
# INTELLIGENT DRIVER ASSISTANCE

## Driver Assistance Radar

The following radar is equipped on the vehicle: ultrasonic radar (subject to the vehicle you purchased).

It is only used to provide identification information for related functions after identifying the target in the surrounding area of the vehicle.

## Radar Installation Position



I Ultrasonic Radar

**Note:** *The configuration of the radars is subject to the vehicle purchased.*

**Note:** *To ensure that the radars work correctly, always keep them clean and free of ice, snow, water, dust, etc.*

**Note:** *Please wipe with soft cloth or wash with water (of low pressure) when foreign objects are found on the radar surface. Do not use a high pressure water jet to flush the radar and do not use abrasive or sharp objects to clean the radar.*

**In the following situations, the detection performance of the radar will be affected:**

- The radar or bumper is covered by foreign objects such as ice, snow, mud, sewage, tapes, trims, etc.
- Unauthorised paint and spray processes are used for the bumper.
- The radar or bumper is damaged or their installation positions changed.
- The radar is affected by the electromagnetic interference from other equipment.
- Small and enclosed environment such as a ferry, a stereo garage, etc.
- The vehicle is in towing state.

## INTELLIGENT DRIVER ASSISTANCE

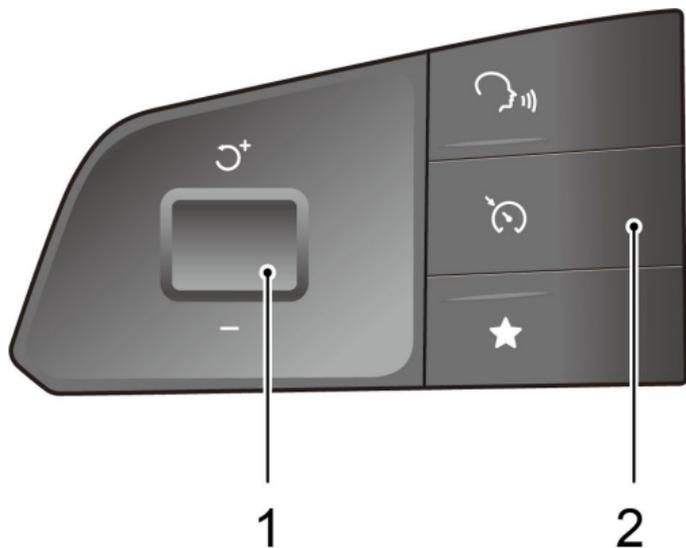
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- The radar may not work properly due to limited detection performance in an open field (such as an open parking lot) or on an open road.

***Note: Any snow on the radar should be removed with a brush, while any ice is preferably removed with a deicing spray.***

## INTELLIGENT DRIVER ASSISTANCE

### Constant Speed Cruise\*



- Speed Adjustment Knob ( 1 )
- Pilot Switch ( 2 )

Cruise control enables the driver to maintain a constant road speed without using the accelerator pedal. This is particularly useful for motorway cruising, or for any journey where a constant speed can be maintained for a lengthy period.

### Cruise Control System Activation

Cruise control system is operated with the cruise switch located at the left side of the steering wheel.

- 1 When the Start switch is in ON/RUNNING position and the speed is greater than 40 km/h, short press the Pilot switch ( 2 ) to activate the Cruise Control System quickly, and the constant speed cruise indicator lamp on the instrument illuminates blue. The target speed of the cruise system will be set at the actual speed when it is activated, and the target speed is displayed below the indicator lamp of the constant speed cruise control system. After activation, the cruise control system will maintain the target speed without pressing the accelerator pedal.
- 2 If the cruise control system is in Standby state and the current speed is greater than 40 km/h, the cruise control system can also be activated by pressing the

## INTELLIGENT DRIVER ASSISTANCE

speed adjustment knob ( 1 ). The target speed of the cruise system will be set at the actual speed when it is activated, and the target speed is displayed below the indicator lamp of the constant speed cruise control system.

**Note: The adjustment knob can be operated in various ways such as being moved up/down or being pressed. Pressing the adjustment knob when the constant speed cruise control system is activated will update the vehicle speed to the current speed.**

### Target Cruise Speed Adjustment

When the cruise control is active:

The vehicle still can be accelerated by pressing the accelerator pedal (such as overtaking). When the desired speed is achieved, press the speed adjustment knob ( 1 ) to update the target cruise speed to the current speed.

Push the knob ( 1 ) upwards/downwards and hold, and the vehicle will accelerate or decelerate automatically, then release the switch when the desired speed is reached.

In addition, pushing the knob upwards/downwards and release it can adjust the speed. Each pushing will increase or decrease the speed approx. 1 km/h.

When the cruise control system is in operation, the vehicle still can be accelerated by pressing the accelerator pedal (such as overtaking). Releasing the accelerator pedal will return the vehicle to the set cruise speed.

### Pause

Cruise control will be disengaged and set to Standby when it is active, and the indicator lamp of the constant cruise control system on the instrument panel will illuminate white if:

- Short press Pilot Switch ( 2 ).
- Press the brake pedal.
- The shift lever is moved to N position.
- Poor road conditions may lead to the activation of the Stability Control System ( SCS ). For safety reasons, the cruise control system will automatically exit to Standby state.

## INTELLIGENT DRIVER ASSISTANCE

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- Steep slopes may cause the vehicle's speed to drop or rise excessively, and the cruise control system will automatically exit to the Standby state.
- The electronic parking brake ( EPB ) is activated.

### Resume

When the cruise control remains Standby after the disengagement, move the speed adjustment knob ( 1 ) upwards once to activate it again. At this moment, the target cruise speed is the target speed before exiting the cruise control system.

### OFF

Long press the Pilot switch ( 2 ) to turn off the cruise control system.

### Note:

- ***DO NOT use the cruise control system in unsuitable conditions, such as on slippery surfaces, excessively heavy rain or in traffic conditions that do not suit maintenance of constant speeds.***
- ***ALWAYS keep the constant speed cruise control system switched off when it is not in use.***
- ***When the vehicle is in 'Sport' mode, it is not recommended to use the constant speed cruise control system.***
- ***When the cruise system works, the actual speed may deviate from the target speed due to control accuracy or road conditions.***
- ***If the actual speed deviates excessively from the target speed or SCS is active due to the hill or road surfaces, the cruise control system may automatically revert to standby mode.***
- ***DO NOT operate the switch for a long time, or press multiple switches simultaneously, as this may cause the system failure. If this situation occurs, when it is safe to do so, turn on the start switch again.***

### Adaptive Cruise Control (ACC)\*



*The adaptive cruise control system is designed as a comfort system. It provides assistance to the driver, but DOES NOT replace any of the driver's responsibilities. When using the adaptive cruise control system, it is important that the driver maintains concentration at ALL times and is prepared to take action. Otherwise, accidents or personal injuries may occur.*

Depending on whether there is vehicle ahead, the adaptive cruise control system can also conduct automatic switching between constant speed cruise and car-following cruise. With the adaptive cruise control system, the vehicle is allowed to conduct constant speed cruise within a certain speed range, or conduct car-following cruise by setting the distance between the vehicle and vehicles ahead. If a vehicle is detected in your driving path, the ACC system may apply moderate brakes or acceleration to maintain the selected following distance.

*Note: The adaptive cruise control system is designed for highways and roads in good condition. It is recommended that it is NOT used on urban roads and mountain roads.*

### Adaptive Cruise Activation



*After following the vehicle ahead to a stop, the driver must ensure that there are no obstacles or other traffic participants, such as pedestrians directly in front of the vehicle before starting off to follow the vehicle ahead again.*



*Whilst using the car following cruise function, it is strongly recommended that the driver does not touch the accelerator pedal. Any activation of the accelerator will not allow the adaptive cruise control system to automatically apply the brakes. The vehicle is only controlled by the driver's manipulation of the accelerator pedal.*

## INTELLIGENT DRIVER ASSISTANCE



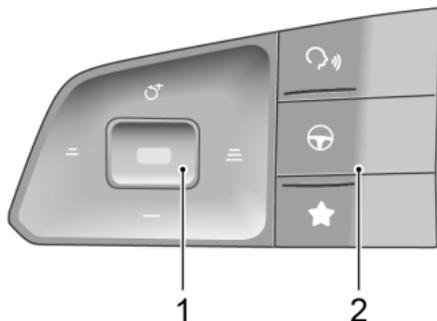
**DO NOT** exit the vehicle when the adaptive cruise control system is keeping the car stationary. Before exiting the car, the shift control knob should be in the P position and the ignition/Start/Stop switch should be OFF.



If the adaptive cruise control system is keeping the car stationary, the driver still needs to pay full attention and be ready to apply the brakes manually. Note that if the system is disabled, turned off or cancelled, the vehicle will no longer stay still, it may move forward or slip backward.



When driving on a bend, the adaptive cruise control may actively reduce the vehicle speed to maintain vehicle stability and safety.



- 1 Adjustment Knob
- 2 Pilot Switch

The adaptive cruise control system can be set using a combination of switches in the entertainment display and the left side of steering wheel.

- 1 If the switch in the entertainment display is in the OFF state, the adaptive cruise control system is in the OFF state.
- 2 Move the switch in the entertainment display to the ON state, and short press the Pilot switch ( 2 ), the indicator light for the adaptive cruise control system in

## INTELLIGENT DRIVER ASSISTANCE

the instrument pack will illuminate blue, the adaptive cruise control system is in Activated state , its target speed is the actual speed at activation , If your vehicle speed is less than 20 mph ( 30 km/h ) , then the target speed of the system is set at 20 mph ( 30 km/h ) . If the speed of the vehicle ahead is greater than the target cruise speed of your vehicle, your vehicle will maintain the target speed and conduct constant speed cruise; if the speed of the vehicle ahead is lower than the target cruise speed of your vehicle, it will enter the car-following cruise, a tail schematic of the vehicle ahead is displayed in instrument pack. In the car-following cruise, you can follow the vehicle ahead to a stop. If the stop time is below a certain time, your vehicle may automatically start off to follow the vehicle ahead, if this is not the case, then the driver will need to re-activate the adaptive cruise control system according to the instrument prompt.

**Note: Manual deactivation of the Electronic Stability Control (ESC) will inhibit the operation of the adaptive cruise control system.**

### Adaptive Cruise Target Following Distance Adjustment

When the adaptive cruise control system is activated, move the adjustment knob to the right (to increase the following distance) or left (to decrease the following distance), there are 3 distance settings, the distance setting will be displayed on the instrument pack.

Select an appropriate following distance according to the difference in relative speed with the vehicle ahead, the higher the relative speed, the longer the following distance that should be selected. Always consider the traffic and weather conditions, the optional following distance range may not be suitable for all drivers and driving conditions.

### Adaptive Cruise Control Target Speed Adjustment

When the adaptive cruise control system is active:

- Use the accelerator pedal to reach the desired speed, press the adjustment knob ( I ), then release the adjustment knob and accelerator pedal. The vehicle will cruise at the desired speed.

# INTELLIGENT DRIVER ASSISTANCE

- Move the adjustment knob upward or hold, the target speed will increase until the desired set speed appears the instrument pack, then release the knob. When it is confirmed that there is no vehicle ahead or the vehicle ahead is beyond the pre-selected following distance, the vehicle speed can be increased to the set speed.
- Move the adjustment knob downward or hold, the target speed will decrease until the desired set speed appears in the instrument pack, then release the knob, and the speed will be decreased to the set speed.

**Note:** *If the vehicle ahead continually makes hard acceleration or deceleration manoeuvres the adaptive cruise control may not be able to accurately maintain the required distance between vehicles. It is important that the driver always concentrates and pays attention to the current vehicle position and situation in case they need to make a braking or avoidance manoeuvre.*

## Adaptive Cruise Control Pause

When the adaptive cruise control system is activated, short press the Pilot switch to cancel the function, the system will exit to the Standby state.

## Automatic Deactivation of Adaptive Cruise Control

In the following situations, the adaptive cruise control system may be automatically suspended transferring full control of the vehicle to the driver:

- Operating the switch to turn off the ACC.
- Pressing the brake pedal whilst the vehicle is in motion.
- Moving the shift control knob to either R or N position.
- The driver unfastens his/her seat belt.
- Pressing and holding the accelerator pedal beyond a preset time period.
- Opening any door, bonnet or tailgate.
- Pulling the EPB switch up to apply the parking brake.
- Following the vehicle ahead to a stop and the stop time exceeds a certain period of time.
- The camera or radar view is blocked, the surrounding environment triggers the preset safe exit mechanism of the sensors, or the system fails.

**Note:** *If following the vehicle ahead to a stop with the adaptive cruise control system enabled, if any of the following conditions occur whilst the vehicle is in a stopped state, the EPB will automatically be applied:*

- *The driver unfastens the seat belt;*
- *The driver door is opened;*
- *The stationary time exceeds the preset time period.*

## Adaptive Cruise Override

If the driver has cause to use the accelerator pedal when the adaptive cruise control system is activated, the vehicle will remain in Cruise mode while the vehicle speed increases. When the accelerator pedal is released, the adaptive cruise control system will resume to operate at previously set cruise speed.

## Adaptive Cruise Resume

If the adaptive cruise control system has reverted to, or been switched to, the Standby mode it can be reactivated by moving the adjustment knob upwards. The target cruise

speed will automatically be set to the target speed before exiting the adaptive cruise control system.

## Clearing Target Speed Memory

Switching the adaptive cruise control off in the entertainment display will turn off the adaptive cruise control system, synchronously clearing the system's set speed in the memory. Switching the ignition off will also clear the set speed stored.

## Adaptive Cruise Control System

### Impairment and Ineffectiveness:

- Your vehicle encounters a vehicle or object which is stationary or traversing the lanes.
- Approaching the vehicle ahead too fast, and the system cannot apply sufficient braking force.
- The vehicle ahead is an oncoming vehicle, or it is making an emergency braking manoeuvre.
- The vehicle ahead is reversing.
- A vehicle suddenly cuts into the lane in front.
- Your vehicle encounters a vehicle driving at a low speed.

## INTELLIGENT DRIVER ASSISTANCE

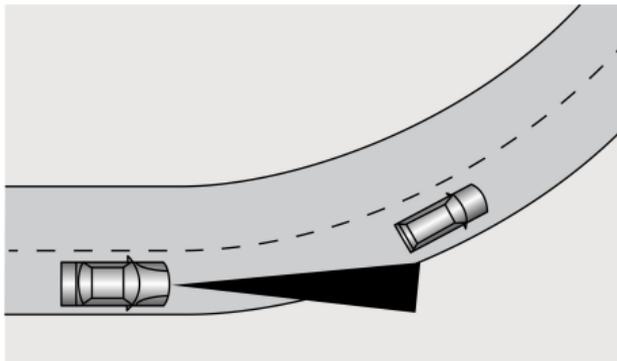
- Your vehicle encounters a vehicle with loaded items protruding from the body profile of the vehicle.
- Encounters a vehicle with a higher chassis (e.g., a truck).
- Your vehicle encounters pedestrians, non-motor vehicles or animals.
- The vehicle is driving on an uneven road or a complex traffic road section.
- The vehicle makes a sharp turn.
- Entering, leaving or driving in a tunnel.
- Driving in the shadow of mottled trees.
- Excessive weight being carried in the boot space or cargo area causing the front of the car to point upwards.

### Special Driving Environments

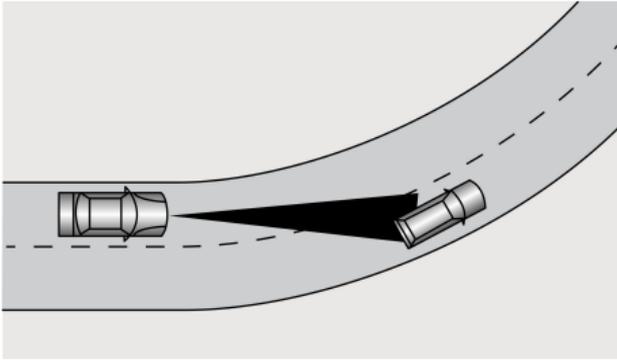
The adaptive cruise control system has its limitations. Listed below are some conditions that may be beyond the safe operating limits. The driver should maintain control of the vehicle and must remain alert at all times. They must pay special attention to the traffic conditions and surroundings, select the appropriate speed and be ready to take any required actions.

- I When turning at the intersection or driving into or out of the curve following the vehicle ahead, the adaptive cruise control system may be unable to detect the vehicle ahead on the same lane, or may respond to the vehicles in another lane.

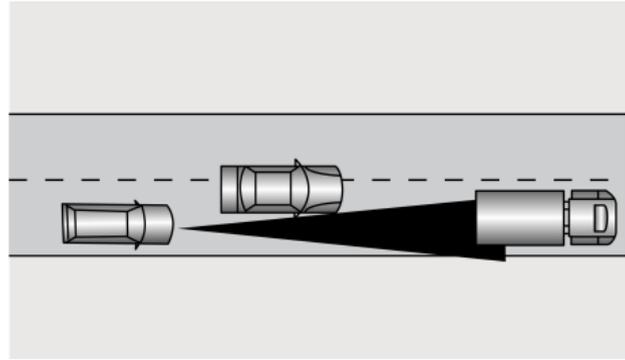
**Note: DO NOT use the adaptive cruise control system on entrance/exit ramps or sharp curves.**



## INTELLIGENT DRIVER ASSISTANCE

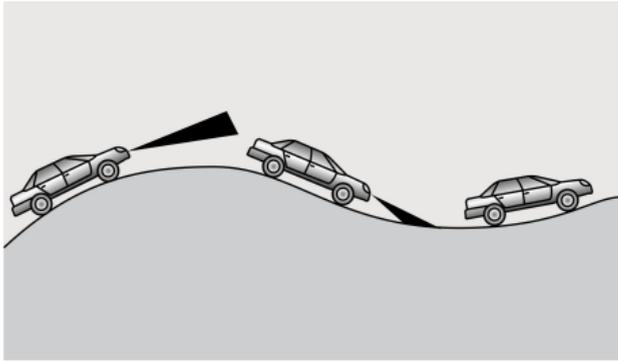


- 2 If the vehicle ahead changes the lane, but does not drive into the new lane completely, the adaptive cruise control system may be unable to detect the vehicle. If the vehicle ahead changes lanes, but does not exit the lane completely, the adaptive cruise control system may determine that the vehicle ahead has already left and accelerates.

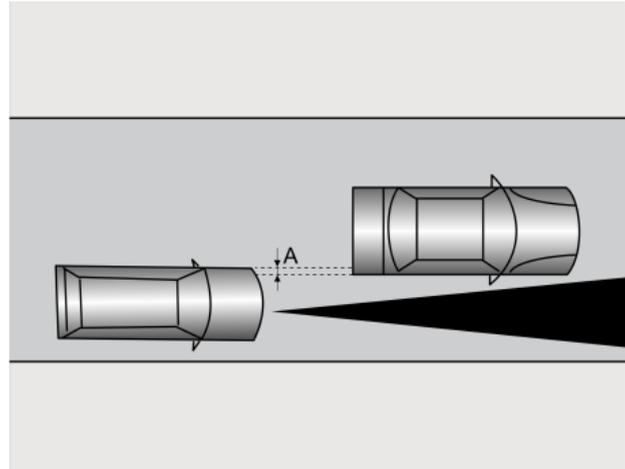


- 3 When driving on uneven roads that may include steep climbs or dips please DO NOT use the adaptive cruise control system..

# INTELLIGENT DRIVER ASSISTANCE



- 4 When driving behind a vehicle that is only partially overlapping your vehicle,( A ) in the graphic, the adaptive cruise control system may be unable to detect anything.



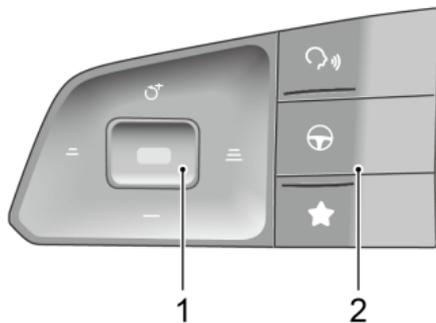
**Note:** Please **DO NOT** use the adaptive cruise control system in the following situations:

- *Driving in bad weather conditions;*
- *When the ambient light is insufficient, the light is too bright or the forward lighting of the vehicle is poor;*
- *Driving on rough or poor road surfaces;*
- *Driving through roadworks or construction sites;*
- *Driving on low friction roads (the rapid change of the tyre traction may result in the excessive wheel slip).*

# INTELLIGENT DRIVER ASSISTANCE

## Intelligent Cruise Assist ( ICA )\*

*Intelligent cruise assist is an auxiliary function that provides driver assistance. It provides assistance to the driver, it DOES NOT replace any of the drivers responsibilities. Due to the limitations of system detection and control when using the intelligent cruise assist, the driver must always hold the steering wheel, pay attention to the surrounding environment of the vehicle and correct or take over the steering wheel control when necessary, otherwise accidents or personal injuries may be caused.*



- Adjustment Knob ( 1 );
- MG Pilot ON/OFF Switch( 2 );

The system switch is located in the entertainment display, and the system can be turned on/off in the appropriate Driver Assistance interface.

When the following conditions are met:

- The Traffic Jam Assist system switch on the entertainment display is on;
- The system detects the lane lines on both sides of the vehicle;
- The vehicle is in Drive gear.

Short press the Pilot switch to activate the traffic jam assist system. The traffic jam assist system works on the same basis of the adaptive cruise control system. If the lane lines ahead on both sides are clear, the system will assist the vehicle in driving within the lane; if there is a vehicle ahead and the lane lines are not clear when driving at a low speed, the system can assist the vehicle in following the track of the vehicle ahead.

**Note:** With the ACC system activated, the traffic jam assist system can be activated without pressing the MG Pilot switch when the above conditions are met.

## INTELLIGENT DRIVER ASSISTANCE

In the absence of a steering input from the driver for a certain period of time, the system will provide warnings.

**Note:** *The driver should adjust the vehicle speed and the following distance according to the road visibility, weather and road conditions. The traffic jam assist system does not respond to pedestrians, animals, stationary vehicles and vehicles that drive across the lane or oncoming vehicles in the same lane. If the traffic jam assist system cannot reduce the vehicle speed timely and effectively, the driver MUST apply the brakes. In congested conditions, should another vehicle cut into the lane being used by the vehicle under traffic jam assist system control, the system may not detect the vehicle in adequate time to make a braking manoeuvre. In this case the brakes should be applied by the driver.*

**The Traffic Jam Assist system will be impaired or ineffective in the following conditions:**

- The hazard lamps are activated;
- The driver indicates in the direction of the lane line about to be crossed;
- The driver applies the accelerator rapidly, carries out an emergency manoeuvre or makes a hard brake pedal application;

- The system detects that the driver has not moved the steering wheel for a preset time period;
- During system intervention, the steering wheel is being manipulated by the driver;
- The lane line is too thin, damaged or fuzzy;
- The vehicle is being driven on a bend with a small curvature radius, the road is too narrow or too wide;
- The vehicle has just entered a road section with lane lines or is being driven on a road section without lane lines;
- The vehicle is not in D ;
- The vehicle changes lanes or sways laterally too fast;
- The turning radius of the car using the traffic jam assist system to track in front is too small;
- The anti-lock brake system ( ABS ) and the dynamic stability control system ( SCS ) are activated;
- Faults exist in the anti-lock brake system ( ABS ), dynamic stability control system ( SCS ), electric power steering system ( EPS ), etc.

It is recommended to turn off the traffic jam assist system in the following situations:

- Driving in a sports style or manner;

## INTELLIGENT DRIVER ASSISTANCE

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- Driving in bad weather conditions;
- Driving on rough or poor road surfaces;
- Driving through roadworks or construction sites;
- Driving on steep, winding or slippery roads (such as snow covered and icy roads, wet roads and roads covered with water);
- Driving on grass tracks or unpaved roads.

### IMPORTANT

- In cases where the number of lanes increase or lanes merge the driver **MUST** take full control of the vehicle.
- In areas where there are complex traffic conditions such as intersections or road junctions with congestion, the driver **MUST** take full control.
- The driver **MUST** be aware of the surroundings and be able to assume full control of the vehicle when using the traffic jam assist system to track the car in front should the need arise.

## Intelligent Overspeed Warning\*



*The intelligent speed assist system is an auxiliary function. It may display an incorrect speed limit value or no speed limit value in the instrument pack due to various factors. As a result, the vehicle speed is not restricted within the correct range. The driver still needs to observe the speed limit of the road traffic and speeding is strictly prohibited.*



*The front view camera cannot recognise speed limit signs painted on the road surface. The driver MUST observe these speed limits and adjust their speed accordingly.*

The setting interface of the intelligent overspeed warning is on the entertainment display. The driver can choose to turn on/off the intelligent overspeed warning system by the soft switch on this display. The vehicle detects the speed limit sign (such as ) at the roadside with the front view camera. When the vehicle speed exceeds the speed limit indicated by the speed limit sign speed indicator, the

indicator flashes to remind the driver of controlling the vehicle speed.

Speed limit sign speed indicator illuminates when the intelligent overspeed warning is active. When the vehicle passes the first speed limit sign identified, the speed sign speed indicator displays the real-time speed limit value. If a speed limit sign with the same limit value is detected, the limit value displayed in the speed sign speed indicator remains.

**Note:** *If the vehicle changes lane, makes a turn, turns around in the intersection, or identifies the speed limit cancellation, the original speed limit value on the instrument pack may be reset and displayed as “-” till a new speed limit sign is detected. If the conditions are not met, the original speed limit value will maintain and not be reset. The driver MUST observe the speed limits and adjust their speed accordingly.*

**The intelligent overspeed warning may not function properly in the following situations:**

- 1 The detection performance of front view camera is affected;
- 2 The vehicle is driven at a high speed;

## INTELLIGENT DRIVER ASSISTANCE

- 3 The speed limit signs are blocked by the trees at the roadside, ice/frost, snows, dusts, etc; or the speed limit signs are placed improperly or damaged;
- 4 When there are several speed limit signs set up over the road or at the roadside, the overspeed warning will be carried out according to the maximum speed limit value.

### IMPORTANT

- The camera may not correctly recognise speed limit signs during poor lighting conditions, bad weather, non-standardized or sheltered speed limit signs or the camera's own restrictions which include the recognition of similar signs (e.g., recognise a weight limit sign as a speed limit sign or recognise a minimum speed sign as the maximum speed sign).
- The camera cannot identify the text provided below the speed limit sign, such as Auxiliary Lane, 100 m Ahead, School Section, 7:00-10:00 , etc. The camera will identify the speed limit sign with text as a normal speed limit sign.
- Some drastic and rapid steering operations made by the driver may be judged as changing lane or turning around in the intersection by the system, resulting in the identified speed limit signs being cleared.
- In cases where a speed limit sign contains multiple speed limits. The camera may not identify all the speed limits.

## Speed Limit Assistance System\*

### Speed Limit Assistance System



*The speed limit assistance system is only an auxiliary function. In cases where the speed limit sign is not standardized or the front view camera is blocked, the wrong speed limit value or no speed limit value may be displayed on the instrument pack and the vehicle is not restricted in the correct speed range, the driver will remain responsible for real-time evaluation of the speed limit on the road.*



*The front view camera cannot recognise speed limit signs painted on the road surface. The driver MUST observe these speed limits and adjust their speed accordingly.*

The setting interface of the speed limit assistance system is located on the entertainment display. Enter the Vehicle Settings - Speed Limit Assistance System interface to select from the following modes: Smart, Manual and Off.

- 1 Smart: i.e. smart speed limit. The vehicle detects the speed limit sign (such as ) at the roadside with the front view camera, and intervenes the speed control to keep the vehicle speed in the permitted maximum speed limit;
- 2 Manual : i.e. manual speed limit. The driver sets the maximum speed with the button on the left side of the steering wheel and intervenes the speed control to keep the speed in the permitted maximum speed limit. Refer to “Speed Settings of Manual Speed Limit” for the description;
- 3 Off: Turn off the speed limit assistance system.

**Note:** *If the mode selection cannot be performed, please confirm that the cruise function in the entertainment display is OFF and try again.*

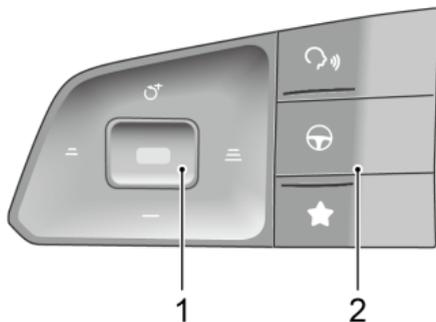
### Speed Settings of Manual Speed Limit

After the manual speed limit function is enabled, the speed limit can be set by using the button on the left side of the steering wheel, as follows:



- 1 The manual speed limit function enters Standby state after it is enabled, and the indicator lamp of the speed limit assistance system in the instrument pack illuminates in white. Press the Pilot switch ( 2 ) to activate the manual speed limit function with the indicator lamp of the speed limit assistance system in blue. During the first press of the Pilot switch, if the actual speed is below 30 km/h, the target speed limit value displayed on the speed limit assistance system indicator is 30 km/h; if the actual speed is above 30 km/h, the current speed is rounded up to the nearest multiple of 5 as the target speed limit value. Then move the speed adjustment knob ( 1 ) upward/downward to change the target speed limit value of the manual speed limit. The target speed limit value will be increased/decreased by 5 km/h every time the lever is moved upwards/downwards. The speed limit value will change continuously by 5 km/h when the lever is moved upwards/downwards and held.
- 2 With the manual speed limit activated, the system will limit the vehicle speed within the target limit speed; if the vehicle speed is greater than the driver inputted target speed, the system will gradually slow the vehicle to below the inputted target limit value.
- 3 After the manual speed limit is activated, the driver can briefly press the Pilot switch ( 2 in the figure below) to reinstate the system to the Standby state. Press the Pilot switch ( 2 in the figure below) again to resume the manual speed limit function.
- 4 Fully step on the accelerator pedal to temporarily exceed the speed limit value when the manual speed limit is active. At this time, the indicator lamp of speed limit assistance system in the instrument illuminates in blue.

## INTELLIGENT DRIVER ASSISTANCE



- 1 Adjustment Knob
- 2 Pilot Switch



The state indicator of the speed limit assistance system illuminates in blue when the smart speed limit is enabled. When the vehicle passes the first speed limit sign identified, the speed sign speed indicator displays the real-time speed limit value. If a speed limit sign with the same limit value is detected, the limit value displayed in the speed sign speed indicator remains.

**Note:** If the vehicle changes lane, makes a turn, turns around in the intersection, or identifies the speed limit cancellation, the original speed limit value on the instrument pack may be reset and displayed as “-” till a new speed limit sign is detected. If the conditions are not met, the original speed limit value will remain and not be reset. The driver **MUST** observe the speed limits and adjust their speed accordingly.

The driver can temporarily exit the speed limit assistance system by the following operations:

- 1 Fully step on the accelerator pedal to temporarily exceed the speed limit value. At this time, the indicator lamp of speed limit assistance system in the instrument illuminates in blue and flashes;
- 2 Briefly pressing the Pilot switch ( 2 in the figure above) can temporarily exit the speed limit assistance system functions. In this case, the indicator lamp of the speed limit assistance system in the instrument changes into white (into dark colour in daylight mode); press the Pilot switch again to resume the speed limit assistance system functions.

## The smart speed limit may not function properly in the following situations:

- 1 The detection performance of front view camera is affected;
- 2 The vehicle is driven at a high speed;
- 3 The speed limit signs are blocked by the trees at the roadside, ice/frost, snows, dusts, etc; or the speed limit signs are placed improperly or damaged;
- 4 There are several speed limit signs set up over the road or at the roadside; Currently, the front view camera can only identify the speed limit signs for the lane the vehicle drives on;
- 5 The speed limit signs set up at the forks in the road, the curves and the on-ramp/off-ramp;
- 6 Lane change, etc.

### IMPORTANT

- The camera may not correctly recognise speed limit signs during poor lighting conditions, bad weather, non-standardized or sheltered speed limit signs or the camera's own restrictions which include the recognition of similar signs (e.g., recognise a weight limit sign as a speed limit sign or recognise a minimum speed sign as the maximum speed sign).
- The camera cannot identify the text provided below the speed limit sign, such as Auxiliary Lane, 100 m Ahead, School Section, 7:00-10:00 , etc. The camera will identify the speed limit sign with text as a normal speed limit sign.
- Some drastic and rapid steering operations made by the driver may be judged as changing lane or turning around in the intersection by the system, resulting in the identified speed limit signs being cleared.
- In cases where a speed limit sign contains multiple speed limits. The camera may not identify all the speed limits.

## Lane Departure Assist\*



*The lane departure assist system is an auxiliary system, which can provide assistance to the driver. It does NOT remove the responsibility of safe driving from the driver. When choosing to use the lane keeping assist system, the driver MUST always pay attention to the surroundings, hold the steering wheel and be prepared to make manoeuvres at any time. Failure to maintain overall control of the vehicle may result in an accident or personal injury.*



*The lane departure assist system does not always recognise the lane lines or kerbs. Sometimes poor road surfaces, certain road structures or objects may be mistaken for lane lines or kerbs. When such situations occur, the lane departure assist system must be turned off immediately.*

The lane departure assist system switch is located on the entertainment display. The system can be turned on/off in

the appropriate Intelligent Driver Assistance interface, and the mode can be selected.

### Alert

The system detects the lane lines ahead when the following detection conditions are met:

- The function is in ON state;
- The vehicle speed is above 37 mph ( 60 km/h );
- The lane lines are clear, and the system detects at least one lane line;

When the wheel is about to cross the lane line or has already crossed the lane line, the system will give warnings to remind the driver to take action and correct the direction in time to keep the vehicle running within the lane lines. The function will exit when the speed is less than 33 mph ( 55 km/h ).

### Assist

The system uses the front view camera to detect the lane lines ahead of the vehicle. The system will be activated when the following detection conditions are met:

- The function is switched ON.

# INTELLIGENT DRIVER ASSISTANCE

- Vehicle speed is above 37 mph ( 60 km/h ).
- Lane line markings are clear and the system recognises at least one lane line.

When a wheel is about to cross the lane line, or has already crossed the line, the system will provide assistance to the driver by keeping the vehicle in between the lane lines by applying corrective steering intervention and simultaneously displaying a prompt. The function will automatically exit when the vehicle speed drops below 33 mph ( 55 km/h ).

## Emergency Lane Keeping ( ELK )

The system uses the front view camera to detect lane lines, kerb and adjacent lanes of oncoming traffic ahead. The system will be activated when the following detection conditions are met:

- The function is switched ON.
- Vehicle speed is above 37 mph ( 60 km/h ).
- Lane line markings are clear and the system recognises at least one lane line.

When a wheel is about to cross the lane line or kerb, or the vehicle is approaching oncoming traffic in the adjacent lane, and there is the possibility of a collision, the system will

provide assistance to the driver by keeping the vehicle in between the lane lines or kerbs, or applying a sharp steering intervention and simultaneously displaying a prompt. The function will automatically exit when the vehicle speed drops below 33 mph( 55 km/h ).

In cases of several interventions within a certain period of time and in the absence of detecting any steering input by the driver during the interventions, the system will provide warnings.

### IMPORTANT

- In cases where the number of lanes increase or lanes merge, the driver **MUST** take full control of the vehicle.
- In areas where there are complex traffic conditions such as intersections or road junctions with congestion, the driver **MUST** take full control of the vehicle.

## INTELLIGENT DRIVER ASSISTANCE

### **The lane departure assist system will be impaired or ineffective in the following conditions:**

- The driver indicates in the direction of the lane line about to be crossed.
- The hazard lamps are activated.
- The driver applies the accelerator rapidly, carries out an emergency manoeuvre or makes a hard brake pedal application.
- The system detects that the driver has not moved the steering wheel for a preset time period (in the mode of assist or emergency lane keeping).
- During system intervention the steering wheel is operated (in the mode of assist or emergency lane keeping).
- The lane line is too thin, damaged, or unclear.
- Irregular or damaged kerbs.
- The vehicle is driven on the bend with a small curvature radius, the road is too narrow or too wide.
- The vehicle has just entered a road section with lane lines or is driven on a road section without lane lines.
- The vehicle changes lanes or sways laterally too fast.

- The vehicle is not in D.
- The vehicle speed is below 33 mph ( 55 km/h), or too high.
- The anti-lock brake system (ABS) and the dynamic stability control system (SCS) are activated.
- Faults exist in the anti-lock brake system (ABS), dynamic stability control system (SCS), electric power steering system (EPS), etc.

It is recommended to turn off the lane assist system in the following situations:

- Driving in a sports style or manner.
- Driving in bad weather conditions.
- Driving on a poor road surface.
- Driving through roadworks or construction sites.

## INTELLIGENT DRIVER ASSISTANCE

### Front Collision Assist\*



*The driver remains responsible for the safety of the entire driving process, even if the vehicle is equipped with a forward collision system. The driver **MUST** pay full attention and drive carefully. As with all the driver assist systems, the forward collision system cannot prevent accidents or avoid collisions in all situations. The driver **MUST** always remain in control to avoid accidents or emergency situations.*



*Emergency braking whilst under the control of forward collision system may cause injuries to the passengers. Therefore, drive carefully and all passengers **MUST** wear seat belts at all times.*



*Ensure forward collision system or ignition/vehicle power system is switched off when being towed. If forward collision system is enabled when the vehicle is being towed, adverse effects may affect the safety of your vehicle, the towing vehicle and the people around.*



*To avoid the occurrence of accidents, never specially test the functions of forward collision system.*

The front collision assist switch is located on the entertainment display. The system can be turned on/off in the appropriate Intelligent Driver Assistance interface.

### Alarm

When the system detects a risk of collision between this vehicle and the vehicle ahead in this lane or pedestrians, it will give warnings to prompt the driver to slow down and keep a relatively safe distance from the vehicle ahead or pedestrians and a relatively safe speed.

## Auto Emergency Braking\*

When the system detects that there is a risk of collision between the vehicle and the vehicle directly in front, the brake system will automatically intervene to decelerate the vehicle, so as to avoid collision accidents or mitigate damage from collision accidents. If the vehicle has braked and stopped under the system control, it will remain stationary for a short time. Full control of the vehicle will then be returned to the driver.

**The system will only slow the vehicle down automatically if the following conditions are met:**

- The dynamic stability control system (SCS) and traction control system (TCS) are fault-free and ON.
- The vehicle is in D or N.
- The airbags have not deployed.

**Note:** *In some cases, the driver may not have anticipated any braking intervention and does not want to apply the brakes whilst the front collision assist is braking heavily, the driver can temporarily cancel this operation by heavily pressing the accelerator pedal after ensuring that it is safe to do so.*

**The front collision assist system operation may be impaired if:**

- The vehicle ahead approaches head-on, crosses the intersection or jumps the queue rapidly in a short distance;
- The vehicle ahead does not follow the rules of driving and parking (such as drives on the lane lines);
- The vehicle ahead is not in the same lane as your vehicle or the vehicle ahead is partially obscured;
- The vehicle ahead is an abnormal vehicle (modified or abnormal shape);
- The vehicle ahead is a vehicle with a higher chassis;
- The vehicle ahead is a large vehicle at close range (such as a tractor, trailer, towing vehicle etc.);
- The vehicle ahead is an unusual transportation (such as a horse, cart, carriages etc.);
- The system detects the side of a vehicle;
- The contour of the vehicle ahead is unclear (such as water being sprayed by the wheels of the front and surrounding vehicles);
- The vehicle ahead does not have or has obscured tail lamps when driving at night or in a tunnel;

## INTELLIGENT DRIVER ASSISTANCE

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- The tail lamps of the vehicle ahead are all LED strip lights or other homemade coloured lamps;
- The street lights are inconsistent or flickering when driving at night;
- The pedestrian is not directly in front of the vehicle or the pedestrian is not fully visible;
- The pedestrian is not standing upright or it is a child under a certain height;
- There is a group of pedestrians in front of the vehicle that is over-shadowed or in the dark;
- There are animals in front of the vehicle;
- Objects such as special-shaped ground obstacles (e.g. roadblocks, isolation piles, isolation strips, large stones, other scattered objects etc.) are detected in front of the vehicle;
- Objects such as signs, guardrails, bridges, buildings or other are detected in front of the vehicle;
- The vehicle is being driven on a hillside road, upper and lower bridge section or tight bends;
- The vehicle is in R;
- The vehicle is in a state of braking or rapid acceleration.

## INTELLIGENT DRIVER ASSISTANCE

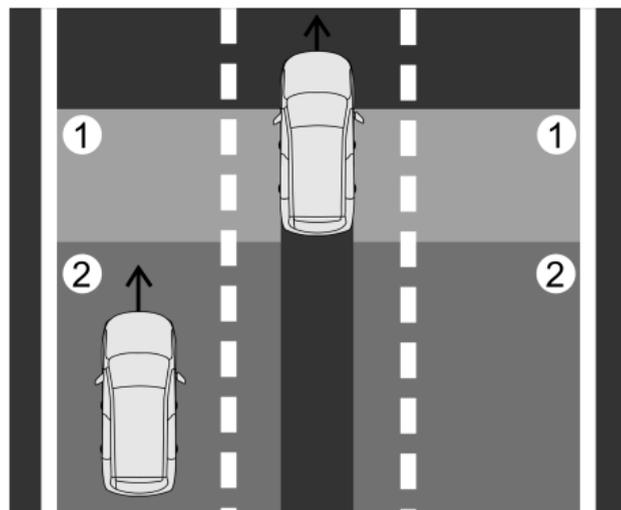
### Blind Spot Assist(BSD, LCA) \*

#### Blind Zone Safety Assist

#### Blind Spot Detection

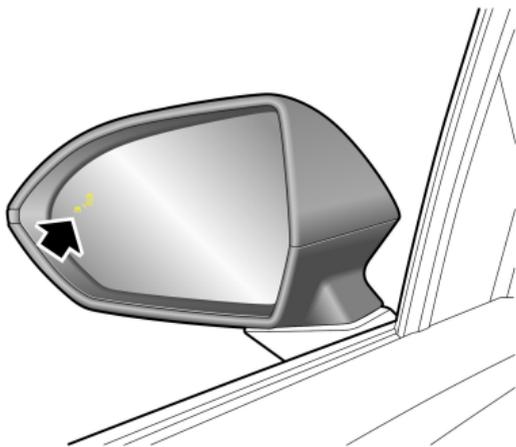
Blind Zone Safety Assist consists of two active safety assist functions: Blind Spot Detection ( BSD ) and Lane Change Assist ( LCA ), these are designed to alert the driver to vehicles that may be hidden or obscured from their sight when carrying out a maneuver such as lane changing.

Blind Spot Detection ( BSD ) detects any vehicles in the vehicle's blind spot (1), Lane Change Assist ( LCA ) detects any rapidly approaching vehicles on the adjacent left or right lane (2).



## INTELLIGENT DRIVER ASSISTANCE

### Blind Zone Safety Assist Alarm



*Note: The warning lamps will not illuminate whilst you are overtaking another vehicle and your speed is greater than that of the vehicle you are passing, even though it is in the blind zone.*

When the system detects that there is a vehicle in the blind zone of the exterior rearview mirror or a vehicle approaching behind in the adjacent lane while driving (the vehicle speed is above 10 mph ( 15 km/h), the warning lamp on the corresponding side will illuminate. If the corresponding indicator is selected at this time, the warning lamp will flash to remind the driver that it is dangerous to continue changing lanes.

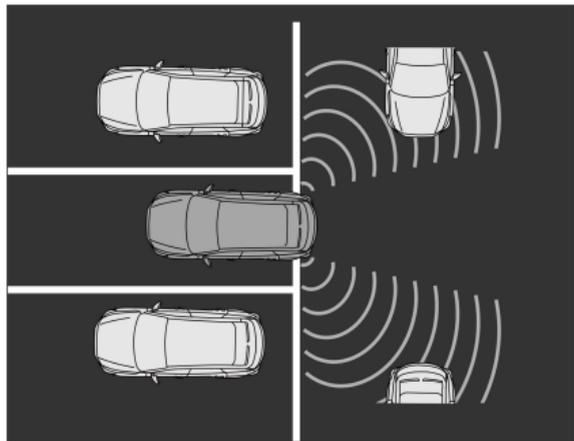
# INTELLIGENT DRIVER ASSISTANCE

## Rear Cross Traffic Assist(RCTA) \*

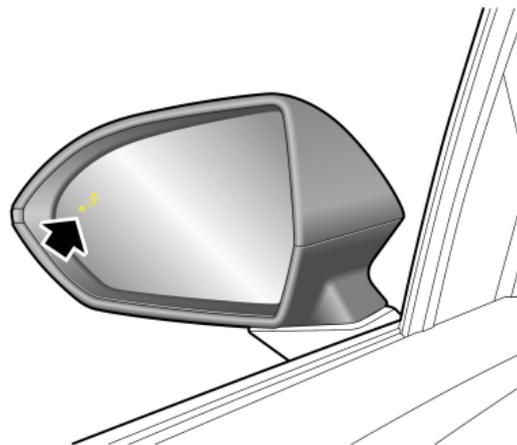
### Rear Cross Traffic Alert

#### Rear Cross Traffic Alert Functions

When reversing, the Rear Cross Traffic Alert ( RCTA ) monitors any approaching vehicles from the left/rear by using sensors and issues an alarm when the vehicle is at risk.



## Rear Cross Traffic Alert Alarm



If there is a risk while reversing, the warning lamp on the corresponding side will illuminate, and a warning triangle is displayed in the infotainment display.

## Ultrasonic Sensor Parking Aid



*The purpose of the parking assist system is only to assist the driver during parking! The ultrasonic sensors may not be able to detect certain types of obstruction, e.g. narrow posts, small objects close to the ground, objects above the tailgate and some objects with nonreflective surfaces.*



*Keep the ultrasonic sensors free of dirt, ice and snow. If deposits build up on the surface of an ultrasonic sensor, its performance may be impaired. When washing the car, avoid aiming high pressure water jets directly at the ultrasonic sensors from close range.*

## Rear Parking Aid

The ultrasonic sensors on the rear bumper monitor the area behind the vehicle to search for obstacles. If an obstacle is detected, the system will calculate its distance from the rear of the vehicle and communicates the message to the driver by sounding warning chimes.

*Note: The PDC system and rearward driver assistance system are unavailable when tow mode is enabled.*

## Parking Aid Operation

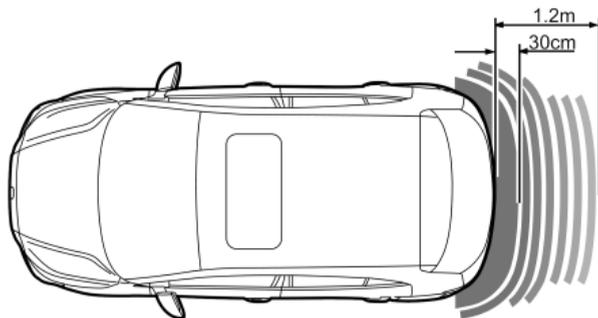
### Rear Parking Aid

The rear parking aid is enabled automatically when the R gear is selected; and when it is moved out of the R gear, the system will be immediately shut off. A short beep is given by the parking aid after selecting R gear to indicate that the system is operating normally. If an obstacle is detected at the rear, the system will prompt the driver with warning alarms.

*Note: If a longer, higher pitched sound is emitted for 3 seconds when the R gear is selected, this indicates a fault in the system. In this case seek assistance from an MG Authorised Repairer.*

### Rear Parking Aid

With the parking aid function enabled, if an obstacle is detected, the audible sounds in different frequencies are transmitted (there might be blind zones).



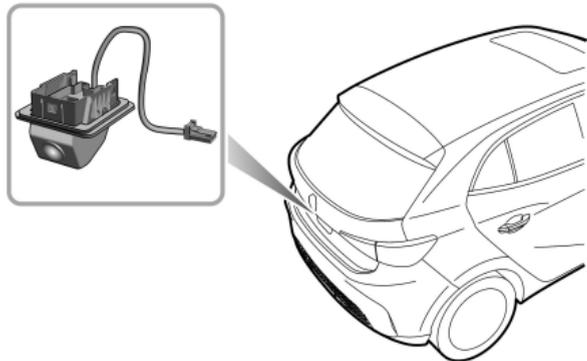
- If an obstacle is located within 1.2 m range of the rear, the warning sound commences. As the car moves closer to the obstacle, the warning sounds are transmitted more rapidly.
- Once the obstacle is within 0.3 m range of the rear bumper, the warning sounds will merge into a continuous warning.

## INTELLIGENT DRIVER ASSISTANCE

### Parking Camera\*



*The parking camera system only serves as an auxiliary function when parking the vehicle! The camera's field of view is limited and cannot detect obstacles outside the field of view.*



When R gear is selected, the camera will provide an image of what is immediately behind the vehicle. This image will be shown on the entertainment display.

Some models feature a rear parking camera fitted between the rear license plate lamps.

### 360 Around View Monitor System\*



*The purpose of the 360 around view system is to assist the driver during parking! The cameras have a limited field of view and cannot detect obstructions outside the field of view.*



*Although the infotainment display can provide images around the vehicle, please still pay attention to the current actual road conditions for your driving safety.*

With the 360 around view system working, the entertainment display interface will show a 360 around view of the vehicle to facilitate the observation of surrounding environment and make the driving environment much safer. You can touch buttons on the display to view images from different perspectives around the vehicle.

You can enter the 360 around view system using the following operations:

- Select R gear.
- Click 360 icon.

- Using the 'Setting' interface to select low speed switching of corner lights/indicators, this will automatically open the 360 around view system when the indicators are used at low speeds and exit when the indicators are cancelled.
- After setting the shortcut button on the steering wheel to 360 function, press this button.

In the 360 around view system display interface, select the settings icon to enable personal settings for system functions.

**Note:** When the shift control knob is placed in D , the 360 around view system is inhibited at speeds above or equal to 10 mph( 15 km/h) .

## Driver Status Monitoring System\*

### Indirect Driver Fatigue Monitoring System\*



*The driver should always ensure that their physical state is suitable for driving, even if the vehicle is equipped with an indirect driver fatigue reminder system. NEVER drive the vehicle when fatigued.*



*The indirect driver fatigue reminder system cannot always identify the driver's fatigue level accurately. It calculates the fatigue level through the driver's operational control status instead of monitoring the driver's actual physical characteristics such as distraction, it cannot provide an emergency reminder to the driver who has just become fatigued.*

The driver attention warning system calculates the driver's fatigue level by comparing information such as vehicle speed and steering wheel angle with basic data obtained based on mass data statistics. The system will constantly compare the calculated fatigue level with the current operational state of the driver. If the system recognizes

that the driver is becoming fatigued, a warning will be issued.

When the indirect driver fatigue reminder system is active, the vehicle speed is over 37 mph ( 60 km/h ). When the driver performs any of the following operations, system operation will be suspended and it will stop monitoring the driver's fatigue level:

- 1 The driver removes the seat belt and opens the driver door;
- 2 The stop time exceeds 15 minutes;
- 3 The ignition or power system is turned off.

### System Settings

After the vehicle is started, the indirect driver fatigue reminder system is enabled by default, it can be turned off/on and the sensitivity set in the entertainment display screen.

**Note:** *The indirect driver fatigue reminder system is not easily triggered if the vehicle is passing through low-quality road sections, continuous bends, or sections with large amounts of traffic lights.*

## INTELLIGENT DRIVER ASSISTANCE

### Direct Driver Fatigue Monitoring System\*



*The driver monitoring system is only an auxiliary driving tool. Under all circumstances, the driver must be responsible for the safety of the vehicle. Fatigue driving and distracted driving are strictly prohibited. The driver must always concentrate on driving carefully.*

The driver monitoring system camera is located in front of the steering wheel.

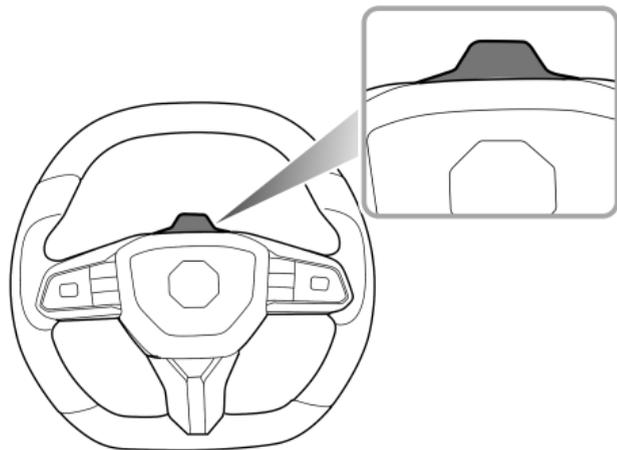
**Note:** *Do not block the camera area, or the system cannot function normally.*

**Note:**

*Please check and keep the camera clean and unobstructed to ensure correct functioning of the monitoring system;*

**DO NOT** use abrasive or sharp objects to clean the camera;

**DO NOT** tap the camera.



The driver monitoring system can identify driver states such as fatigue (and distraction) through the camera, it can provide warnings to the driver based on the identified level of fatigue (and distraction).

The driver monitoring system can be set in the entertainment display.

## INTELLIGENT DRIVER ASSISTANCE

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*Note: The fatigue state recognised by the driver monitoring system is mainly based on yawning and eyes closing; the distraction state is mainly based on the line of sight and head posture.*

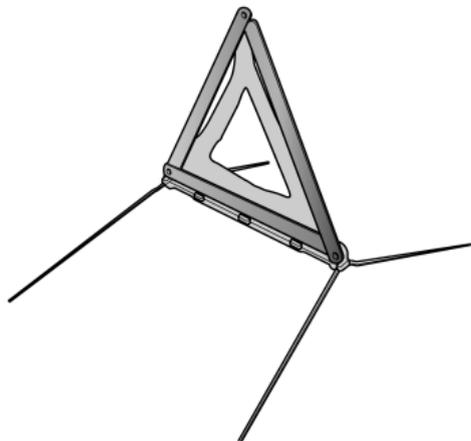
## **Road Emergency Response**

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## Hazard Warning Devices

### Warning Triangle



The warning triangle is stowed in the trunk.

If you have to stop your car on the road in an emergency, you must place a warning triangle approximately 50 ~ 150 metres behind the car, if possible, and press the hazard warning lamp button to warn other road users of your position.

### Jump Starting



**NEVER** attempt to power the vehicle by pushing or towing.



Make sure that both batteries are of the same rated voltage (12 volts), and that the booster cables are approved for use with 12 volt car batteries.



Ensure sparks and open flames are kept well away from the front compartment.

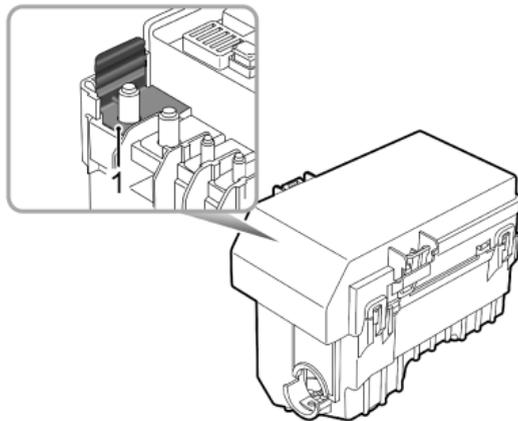


Ensure that booster cables are firmly connected and do not touch each other or other moving parts, otherwise, sparks may be caused, resulting in fire or explosion.

In case of low battery, the vehicle can be started by using a booster cable to connect the battery of another vehicle or to connect the battery externally.



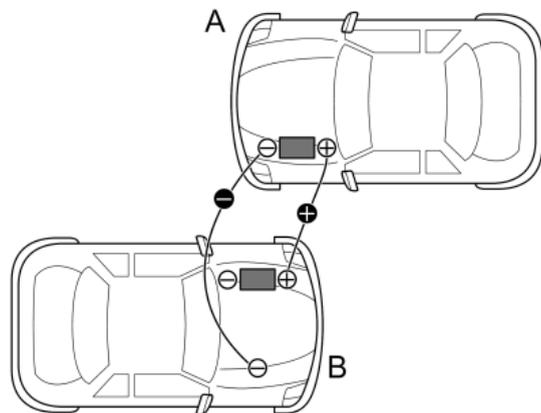
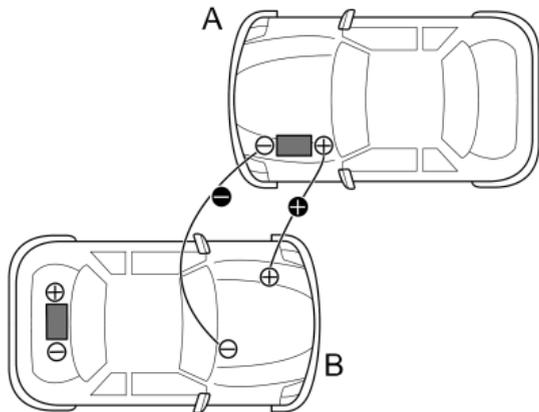
For models with batteries in the loadspace, where it is possible to open the tailgate of the disabled vehicle (B), please always give priority to the positive terminal as the positive connecting point. If the tailgate cannot be opened, please open the front compartment fuse-box. The terminal shown in figure below can be used as the positive connecting point.



I Positive Connecting Point

## ROAD EMERGENCY RESPONSE

Turn off the vehicle power and all electrical appliances of the vehicle, then follow the instructions below:



- 1 Connect the red booster cable from the positive ( + ) terminal of the donor battery ( A ) to positive connecting point on the disabled vehicle ( B ) . Connect the black booster cable from the negative ( - ) terminal of the donor battery ( A ) to a good earth point (The following figure) on the disabled vehicle ( B ) , and try to keep it well away from the battery and bypass the fuel and brake lines.

## ROAD EMERGENCY RESPONSE

- 2 Start the donor vehicle and allow it to idle for several minutes.
- 3 Start the disabled vehicle. If the disabled vehicle will not start after several attempts, it may need to be repaired. Please contact an MG Authorised Repairer for assistance..
- 4 After both vehicles have started normally, turn off the donor vehicle power.
- 5 Disconnect the booster cables. Disconnecting the booster cables must be an exact reversal of the procedure used to connect them, i.e. disconnect the BLACK negative cable from the earth point on the disabled vehicle FIRST.

### IMPORTANT

DO NOT switch on any electrical appliance in the disabled vehicle until the booster cables have been disconnected.

**Note:** *It is recommended to turn off the lights, air conditioner and other comfort appliances after starting the vehicle with power loss and keep the vehicle running for 1~2 hours to restore the battery power. If the battery is fully charged and the vehicle still cannot be normally started, please contact an MG Authorised Repairer for service.*

**Note:** *If the vehicle still cannot be started by connecting the booster cables, please consult an MG Authorised Repairer for service.*

### Emergency Call\*

In an accident, your vehicle's eCall – SOS Emergency Assistance can either be triggered manually or in severe cases automatically upon detection by vehicle's sensors. The eCall service is a public service of general interest and is accessible free of charge. The emergency call centre will establish verbal communication with the vehicle occupants in order to understand the extent of the emergency and the level of assistance required. Attempt to send the following vehicle information message to the emergency call centre. The appropriate emergency services will be deployed to the vehicle's current location if known.

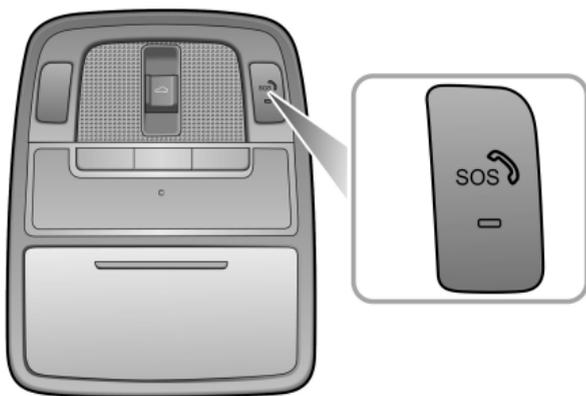
- Current time, location and direction of travel
- Vehicle Type
- Vehicle Identification Number (VIN)
- Whether the call was automatically or manually initiated
- Vehicle Category

This system will ensure that your personal data is securely protected. It is designed to ensure that it is not traceable and other external systems are not able to gain access. When the eCall triggers, the system will only transmit the data information to the relevant public safety answering

points designated by the respective public authorities of the country on which territory they are located, which will receive and process your emergency call request. The system will retain data locally within 13 hours of triggering.

You have the right to access the data information stored in this system, and to request the rectification, erasure or blocking of data information that does not meet the requirements of the regulations. When you think your personal data is infringed, you have the right to complain to the competent data protection authority.

## ROAD EMERGENCY RESPONSE



For manual activation, press and release the SOS button in the overhead console for about 1 second to activate an emergency services call. A single beep will be heard when the eCall is triggered and a message will be displayed on the vehicle's message centre and entertainment player. The entertainment player will be muted whilst the emergency services call is active. Manually triggered emergency services calls may be cancelled by pressing and releasing

the SOS button again within about 5 seconds of the initial press, and the messages will be removed.

The emergency services call (eCall) system will perform a self-test when the vehicle is powered ON. During a Self-Test the emergency services call (eCall) LED status indicator on the SOS button will flash quickly until completion. The LED status indicator will illuminate permanently if no system faults are present. The LED status indicator will be extinguished or flash slowly if a fault is detected. Faults detected during the self-test will be displayed on the vehicles message centre.

**Note:** *The operation of eCall - SOS Emergency Assistance relies on cellular coverage and may be affected by signal outages or low signal strength.*

**Note:** *The automatic emergency services call (eCall) function may be disabled by a local MG Authorised Repairer upon request.*

**Note:** *It is strongly recommended the eCall function is not disabled, any action requested by the owner must be accompanied by a signed request.*

## Vehicle Recovery

### Towing Vehicle



*Do not tow the vehicle with any of the driven wheels in contact with the road surface, this will avoid electric drive transmission damage. When it is necessary to temporarily push or tow the vehicle from a dangerous situation or onto the transporter, the speed must remain below 3 mph (5 km/h) and be completed within 3 minutes.*

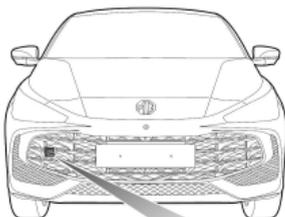


*When pushing or towing the vehicle for temporary situation, the driver's side seat belt should be inserted into the lock and maintained in the inserted state, the transmission placed in Neutral and the parking brake must be OFF, otherwise the vehicle may be damaged.*

### Towing Hook



*Do not use a tow rope that is twisted, the towing eye may become unscrewed.*



## ROAD EMERGENCY RESPONSE

The towing hook is in the tool kit. The tool kit is placed beneath the trunk carpet. To fit the towing hook, remove the small cover on bumper. When removing, grasp the lower right bulge to open the front small cover, and pry the rear small cover in the direction as shown in the figure to open it. Then screw the towing hook via the small hole into the threaded hole in the bumper beam (see illustration). Ensure the towing hook is fully tightened!

Some vehicle model does not have rear towing function.

**Note: The removable cover is secured to the bumper by a plastic cord.**

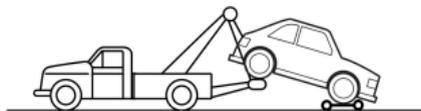
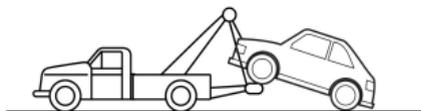
Both towing points are intended for use by qualified recovery specialists to assist in the recovery of your vehicle when a breakdown or accident occurs. But they are not designed for towing other vehicles. The vehicle can be towed using a tow rope but a towing bar is recommended.

### Towing for Recovery



**When towing, DO NOT accelerate or brake suddenly, this can cause accidents.**

### Suspended Towing



Suspended towing is the best method for recovering a vehicle that needs to be towed. The drive wheels should be suspended above the ground, or the transmission may be damaged. And release the parking brake, turn on the

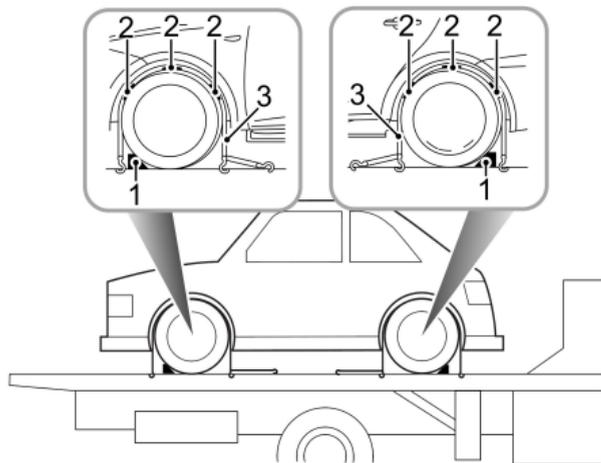
## ROAD EMERGENCY RESPONSE

hazard warning lamp, with no passenger left in the vehicle. If towing the vehicle with rear wheels on the ground, please release the parking brake simultaneously.

### Towing Vehicle

If your vehicle needs to be towed, a special transporter is recommended. Secure the vehicle on the transporter as follows:

- 2 Fit wheel chocks ( 1 ) as shown, then position the anti slip rubber blocks ( 2 ) around the circumference of the tyre.
- 3 Fit the lashing straps ( 3 ) around the wheels and secure to the trailer. Tighten the straps until the vehicle is securely held.

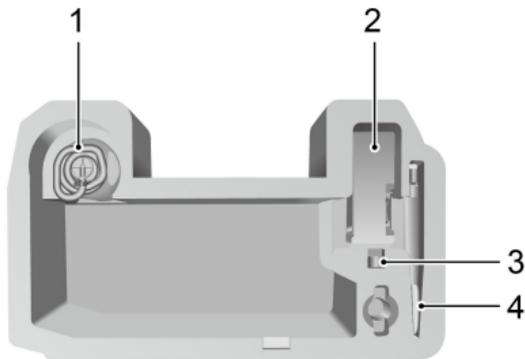


- 1 Apply the parking brake and engage in P gear.

## ROAD EMERGENCY RESPONSE

### Tyre Repair and Wheel Replace

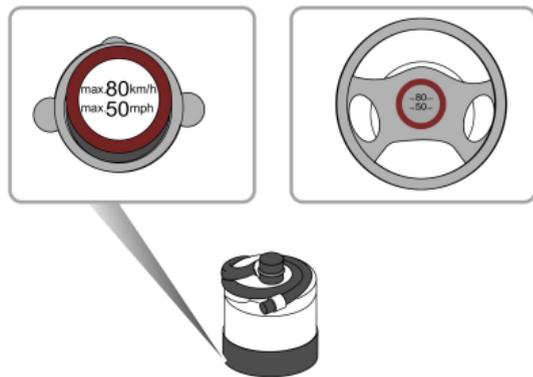
#### Tyre repair tool\*



- 1 Electric Air Pump
- 2 Wheel Bolt Cap Removal Tool
- 3 Repair Fluid
- 4 Towing Hook

#### Tyre Repair\*

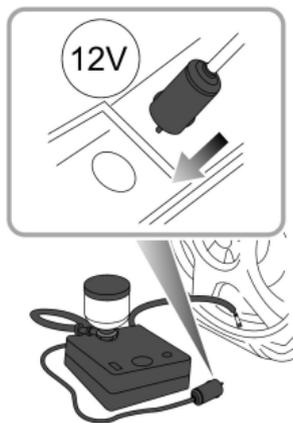
- 1 Remove the label at the bottom of the repair fluid reservoir and attach it to the steering wheel to remind the driver not to exceed 80 km/h.



- 2 Connect the air hose of the electric air pump to the repair fluid reservoir. Invert the repair fluid reservoir into the slot of the electric air pump. Remove the valve dust cap of the damaged tyre, and connect the hose connector of the repair fluid reservoir to the tyre valve. Ensure that the power switch of the electric air

## ROAD EMERGENCY RESPONSE

pump is switched off (i.e., press " o "), then connect the electric air pump plug to 12 V power socket, and turn on the vehicle power system.



**Note: To avoid battery overdischarge, please start the vehicle.**

- 3 Switch on the power switch of the electric air pump (i.e., press " - "), to start pumping sealant into the tyre. The repair fluid reservoir will become empty after approximately 30 seconds. The tyre should reach the specified pressure within 5 or 10 minutes.

**Note: When the pressure gauge of the air pump starts to work, it may briefly indicate up to 600 kPa (i.e. 6 bar), then the pressure returns to normal.**

- 4 When the required pressure is reached, switch off the electric air pump (i.e., press " o ").

**Note: If the tire does not reach the specified pressure within 10 minutes, disassemble the tire repair assembly and move the vehicle for a distance equal to one turn of the tire before inflating. If the tire still fails to reach the specified pressure, it indicates that the tire has been seriously damaged and cannot be repaired. Please contact the local authorized after-sales service center for repair.**

**Note: Consecutive operation of electric air pump for more than 10 minutes may result in damage to the compressor.**

- 5 Remove the repair fluid reservoir from the slot, and disconnect the hose of the reservoir from the tyre valve. Then remove the plug of the electric air pump from the 12 V power socket, and return the tyre repair kit to the trunk.
- 6 Please drive the car within 1 minute upon the completion of above operations to allow the sealant

## ROAD EMERGENCY RESPONSE

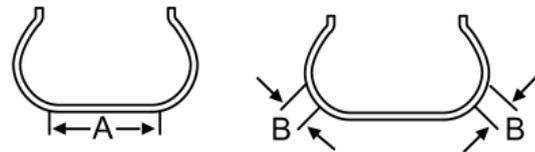
to distribute evenly in the tyre, while the vehicle speed shall not exceed 80 km/h and the driving mileage not exceed 5 km. Then find a safe place to stop and recheck the tyre pressure.

If the tyre pressure is lower than 80 kPa ( 0.8 bar), it indicates that the tyre is severely damaged and unrepairable, please contact an SAIC New Energy Vehicles Authorised Repairer for repair.

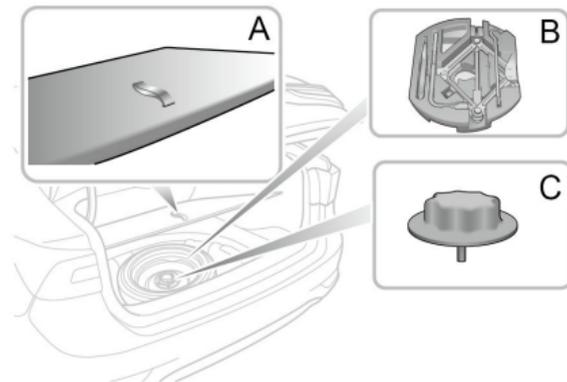
If the tyre pressure is between 80 kPa ( 0.8 bar) and the specified pressure, inflate the tyre with the electric air pump until it reaches the specified pressure. Repeat Step 6 .

If the tyre pressure is equal to the specified pressure, you may continue driving, but the vehicle speed shall not exceed 80 km/h, and the driving mileage shall not exceed 200 km.

**Note: DO NOT remove foreign objects (eg. screws, nails etc) from the tyre. The tyre repair system must only be used when the foreign object is in the tread pattern ( A ), DO NOT attempt a repair when the damage is in the sidewall of the tyre ( B ).**



### Spare Wheel and Tools\*



The spare wheel and tools can be removed as follows:

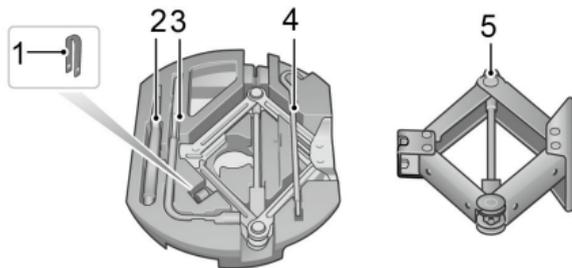
## ROAD EMERGENCY RESPONSE

**Note:** *The vehicle is equipped with spacesaver spare wheel.*

5 Jack

- 1 Lift the carpet in the trunk with the lifting strap ( A ).
- 2 Take out jack etc. from the carpet support plate.
- 3 Unscrew the spare wheel retaining bolt ( B ), and take out the spare wheel from the trunk.

### Spare Wheel Replacement Tool\*



- 1 Wheel bolt cap removal tool
- 2 Towing hook
- 3 Wheel bolt spanner
- 4 Jack handle

## ROAD EMERGENCY RESPONSE

### Wheel Replacement\*

If you need to change the wheel during the journey, choose a safe place to stop away from the main road if possible. Always ask your passengers to get out of the car and wait in a safe area away from other traffic.

Switch on hazard warning lamps. If available, position a warning triangle about 50 ~ 150 metres behind your vehicle to warn approaching traffic.

Before changing a wheel, ensure the front wheels are in the straight ahead position. Apply the parking brake and place the shift lever in N position (MT) or P position (AT). Place the Start switch in OFF position.

### Positioning the Jack

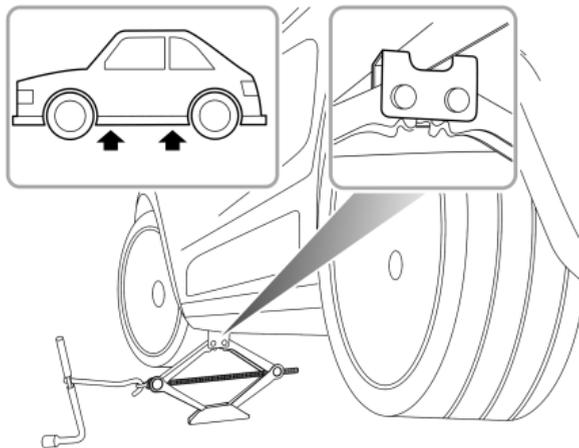


**DO NOT work underneath the car with a wheel changing jack as the only means of support. The jack is designed for wheel changing only!**



**NEVER jack the car using any positions other than the jacking points, otherwise serious damage may be caused.**

Position the jack on firm level ground under the jacking point nearest the wheel to be removed. Turning the jack screw handle by hand, adjust the jack until the jack head fits snugly onto the flanging of the body.



Ensure that the base of the jack is in full contact with the level ground.

## ROAD EMERGENCY RESPONSE

### IMPORTANT

- Ensure the jack is positioned on firm, level ground.
- If the vehicle must be parked on the hill, place chocks in front of and behind other 3 wheels to prevent the vehicle moving.

### Fitting the Spare Wheel



*Regularly check the spare wheel tyre pressure, it may be under pressure due to being unused for long periods of time. Always check the tyre pressure after changing a wheel.*



*The wheel bolts must be tightened to the specified torque after changing a wheel (120 ~ 130 Nm).*

- 1 Before raising the car, use the vehicle tool to remove each wheel bolt cap. Use the wheel bolt spanner to slacken each bolt half a turn anti-clockwise.
- 2 Turn the handle in a clockwise direction until the tyre is clear of the ground.

**Note: For your safety, place the spare tyre under the body flange near the jack and avoid placing wheels face down on the ground - the surface may be scratched.**

- 3 Remove the wheel bolts and put away to prevent them from being lost. Make sure the vehicle is steady and there is no risk of slip or movement before removing wheel bolts.

## ROAD EMERGENCY RESPONSE

- 4 Pull out the wheel and place it flatwise.

**Note:** *Place the removed wheel under the body flange near the jack and avoid placing wheels face down on the ground - the surface may be scratched.*

- 5 Fit the spare wheel and tighten the wheel bolts until the wheel is seated firmly against the hub.
- 6 Lower the vehicle and remove the jack, then FULLY tighten the wheel bolts in a diagonal sequence.
- 7 Place the tools back, and put the replaced wheel into the trunk in place.

**Note:** *DO NOT stand on the handle of the wheel bolt spanner or use extension tube on the handle of the spanner.*

**Note:** *When replacing the wheel, please fully tighten the bolts in the diagonal sequence twice.*

**Note:** *Consult an MG Authorised Repairer or tyre specialist for a replacement tyre as soon as possible.*

### Spacesaver Spare Wheel\*



*Only one spacesaver spare wheel can be used at any one time, otherwise the operational performance and brake performance may be reduced, thereby leading to accident or injury to yourself and others.*



*When driving on snow covered or icy roads, it is advised to fit the spacesaver wheel to the rear wheels of the vehicle to maintain adequate stability. If the front wheel tyre is damaged, a rear wheel should be moved to the position of a front wheel and then fit the spacesaver spare wheel in the position of the rear wheel.*



*Snow chains can not be used on the spacesaver spare wheel, this can cause damage to the car and snow chain.*

When the spacesaver spare wheel is fitted, drive the car with care, and the speed should not exceed 80 km/h. Please have the full-scale tyre repaired and replace the

## ROAD EMERGENCY RESPONSE

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spare wheel as soon as possible. This will extend the life span of the spare wheel for other emergencies.

**Note:** *DO NOT use an automatic car wash when the spacesaver wheel is fitted, the guide rails of the car wash may conflict with the wheel/tyre and cause damage.*

## Maintenance

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## Maintenance Instructions

### Regular Maintenance

The safety, reliability and performance of your vehicle will depend partly on how well it is maintained. You must ensure that maintenance is carried out when required and according to the information contained in the Warranty and Maintenance Handbook.

### Servicing

For next service information, please refer to "Instrument Pack" in "Brief Introduction to Vehicle Functions " section or information related to the entertainment system. After the completion of each service, the next service display will be reset by your MG Authorised Repairer.

**Note: If the maintenance is not carried out (or the display is not reset by an MG Authorised Repairer after maintenance), the maintenance display will not be able to provide correct information.**

### Maintenance History

After each maintenance, always ask your local Authorised Dealer to register the maintenance.

### Fluid

Please use the fluid recommended and certified by SAIC Motor. Refer to "Recommended Fluids and Capacities" in the "Technical Data" section.

#### IMPORTANT

Using fluids or additives inapplicable to this vehicle may damage the components or devices; please consult a local Authorised Repairer for details.

### Emission Control

Your car is fitted with exhaust emission and evaporative control equipment designed to meet specific territorial and legal requirements. Incorrect engine settings may adversely affect exhaust emissions, engine performance and fuel consumption, as well as cause high temperatures, which could result in damage to the catalytic converters and engine.

## IMPORTANT

You should be aware that unauthorized replacement, modification or tampering with this equipment by an owner or motor vehicle repairer could result in the manufacturer's warranty being deemed as invalid. In addition, no adjustment can be made to the engine settings. Otherwise, the vehicle emission indexes could be affected.

### Owner Maintenance



***Any significant or sudden drop in fluid levels or uneven tyre wear, should be reported without delay to an MG Authorised Repairer.***

In addition to the maintenance referred to previously, some simple checks must be carried out more frequently.

#### Daily Check

- Operation of lights, horn, wipers, washers and warning lights.
- Operation of seat belts and brakes.

- Look for fluid deposits underneath the car that might indicate a leak.
- Check tyre appearance.

#### Weekly Check

- Engine oil level.
- Coolant level.
- Brake fluid level.
- Windscreen washer fluid level.
- Tyre pressure.
- Operate air conditioning.

***Note: The engine oil level should be checked more frequently if the car is driven for prolonged periods at high speeds.***

## Special Operating Conditions

If your vehicle is frequently used in dusty conditions, or operated in extreme climates where sub-zero or very high ambient temperatures are normal, more frequent attention may need to be paid to maintenance requirements. You need to carry out special maintenance operations (refer to Warranty and Maintenance Handbook) or contact the local Authorised Repairer.

## Safety in the Garage



***Cooling fans may commence operating after the engine is switched off and continue operating for a number of minutes. Keep clear of all fans while working in the engine compartment.***

If you need to carry out maintenance, observe the following safety precautions at all times:

- Keep your hands and clothing away from drive belts and pulleys.
- If the car has been driven recently, **DO NOT TOUCH** exhaust and cooling system components until the engine has cooled.

- **DO NOT TOUCH** electrical leads or components while the engine is running, or with the Start switch on.
- **NEVER** leave the engine running in an unventilated area - poisonous exhaust gases are extremely dangerous.
- **DO NOT** work underneath the vehicle with a jack as the means of support.
- Ensure that sparks and naked lights are far away from the engine compartment.
- Wear protective clothing and work gloves.
- Remove watches and jewelry before working in the engine compartment.
- **DO NOT** allow tools or metal parts of the vehicle to make contact with the battery leads or terminals.

## Toxic Fluids

Fluids used in motor vehicles are poisonous and should not be consumed or brought into contact with open wounds. These include: battery acid, coolant, brake fluid, fuel, engine oil and windscreen washer fluid.

For your own safety, **ALWAYS** read and obey all instructions on labels and containers.

### **Used Engine Oil**

Prolonged contact with engine oil may cause serious skin disorders such as dermatitis and cancer of the skin. Wash thoroughly after contact. Used engine oil should be disposed of correctly. Incorrect disposal can cause a threat to the environment.

### High Voltage Battery Pack\*

#### Precautions and restricted conditions for use of battery



*If the vehicle is not going to be used, parked, or stored for a long time it is necessary to use the vehicle at least once every two months for more than 30 minutes each time (the power of high-voltage battery pack shall be maintained at 50% charge (or 4 gauge blocks) or more). It is strictly prohibited to park or store a vehicle fitted with a high-voltage battery pack for more than 7 days if the power of the high-voltage battery pack is low, failure to follow these guidelines may effect the high voltage battery warranty.*



**DO NOT attempt to dismantle the battery pack or any High Voltage components - THESE ARE DANGEROUS. Any signs of dismantling or damage caused by attempts to dismantle will invalidate the warranty.**

- 1 DO NOT park the vehicle in conditions where the ambient temperature exceeds 45°C for more than 15 days. This will effect the performance and service life of the high voltage battery.
- 2 In order to better extend the service life of the high-voltage battery pack, it is recommended to use the vehicle at least once a month for more than 30 minutes each time to facilitate the vehicle to charge and maintain the high-voltage battery pack.
- 3 When the vehicle is used for the first time or after a long period of storage, the SOC displayed in the instrument pack may not be accurate. It is recommended to drive at a low speed of 19~30 mph (30~50 km/h) for 20~30 minutes before normal use.
- 4 The cooling system of high-voltage battery pack is equipped with air filter element, please replace it as per manufacturers maintenance schedule.
- 5 In the event of an accident, damage to the high voltage battery or any of its related components, or any repairs made to the high voltage system the car must be inspected by qualified personel at an MG Authorised Repairer.

- 6 In the event of any accident or body repairs being required please consult the qualified personnel at an MG Authorised Repairer. The repair may require high voltage battery isolation or specialist HV component removal.

### IMPORTANT

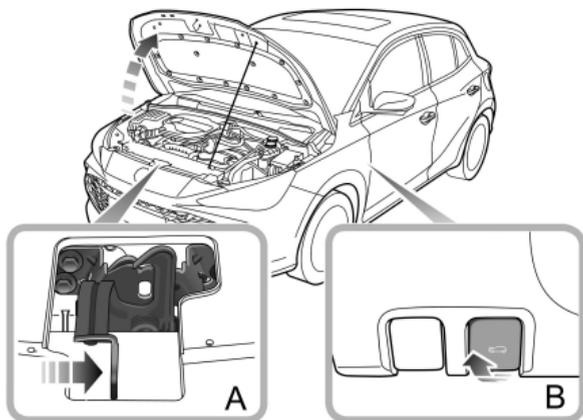
Only fully trained and qualified personnel are allowed to work on the high voltage systems and components of this vehicle. Any disassembly of such systems or components is strictly prohibited.

## Bonnet

### Opening the Bonnet



**DO NOT drive when the bonnet is not closed or retained only by the safety catch.**



- 1 Pull the bonnet release handle ( B ) from the inside of the vehicle.

- 2 Move the safety catch release handle on the bonnet lock body in the direction of the arrow ( A ) to release the bonnet safety catch.
- 3 After unlocking the bonnet, go to the front of the vehicle to lift the bonnet and hold it up with the supporting pole.

### Closing the Bonnet

Support the bonnet by one hand, release the support rod using the other hand, and place it firmly into the support rod base. Hold the bonnet using both hands and lower it. When the bonnet drops for about the last 20 ~ 30 cm, apply a downward force to fully close the bonnet.

By attempting to lift the front edge of the bonnet, check if the lock is fully engaged after closing the bonnet. If it is not fully engaged, you must repeat the operation.

### Bonnet Open Alarm\*

If the bonnet is not fully locked, the corresponding alarm icon will be shown on the message centre display. If it is found that the bonnet is not fully locked while driving, an audible warning will sound.

## IMPORTANT

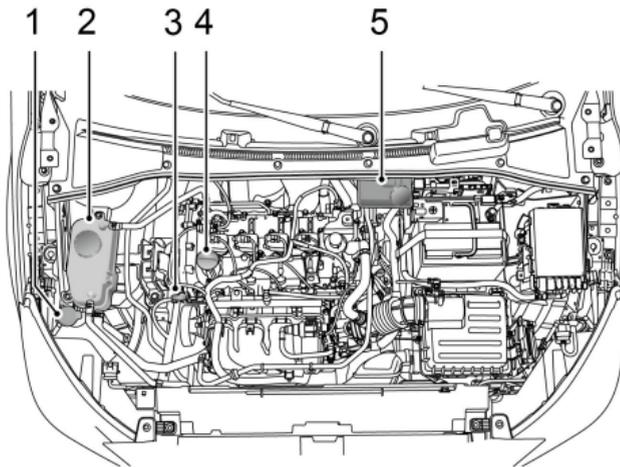
- For safety reasons, the bonnet should always be closed well when driving. Therefore you must check after closing the bonnet that the bonnet is securely latched, e.g. the bonnet edge is flush with the body of the vehicle.
- You should stop the vehicle immediately when safety permits and close the bonnet if it is not fully closed when driving.
- Beware of hands being pinched while fully closing the bonnet with a downward force.

## Engine Compartment



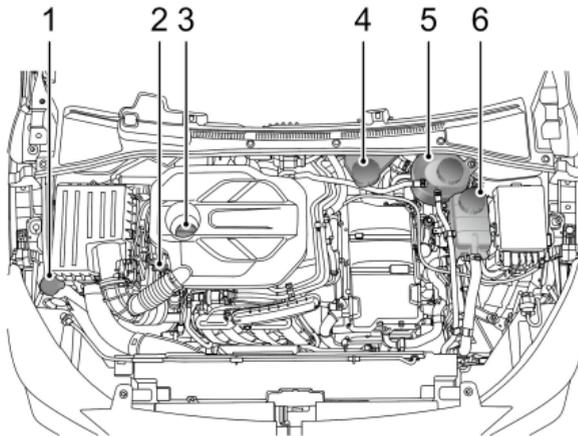
*While operating the components in the engine compartment, always observe the safety precautions listed under "Safety in the Garage". Refer to "Maintenance" of this section.*

### Front cabin - fuel



- 1 Washer Fluid Reservoir
- 2 Engine Coolant Expansion Tank
- 3 Oil Dipstick
- 4 Oil Filler Cap
- 5 Brake Fluid Reservoir

## Front cabin - hybrid



- 1 Washer Fluid Reservoir
- 2 Oil Dipstick
- 3 Oil Filler Cap
- 4 Brake Fluid Reservoir
- 5 Engine Coolant Reservoir
- 6 Transmission Coolant Reservoir

## Engine Oil

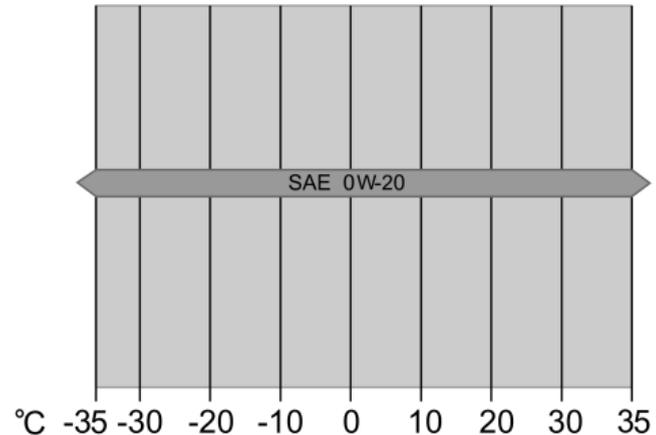
### Engine Oil

#### Engine Oil ACEA/API Category

European Automobile Manufacturers' Association ( ACEA ) and American Petroleum Institute ( API ) classify the engine oils based on performance and quality. To ensure the best performance of the vehicle, please use 0W-20 engine oil recommended by SAIC Motor that complies with ACEA C5 and API SP specifications. 0W-20 engine oil is suitable for low temperature and normal temperature environments, and is all-purpose engine oil for all seasons.

#### IMPORTANT

Do not allow the engine to run at low coolant temperature for a long time. If you have made several short drives and have not reached normal engine operating temperature each time, please extend the engine running time to bring the engine up to normal operating temperature.



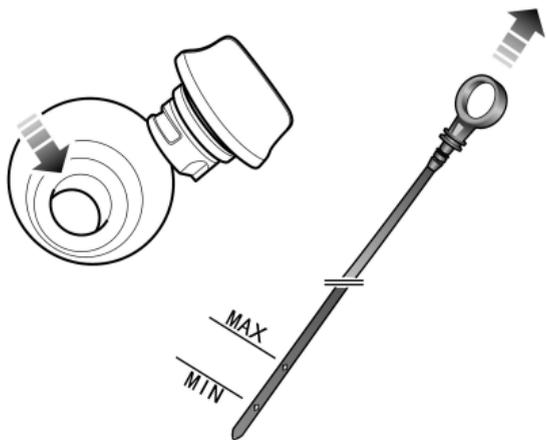
## Engine Oil Check and Refill



*Driving the vehicle with the engine oil level ABOVE the upper mark or BELOW the lower mark on the dipstick, will damage the engine.*



*Do not spill engine oil onto a hot engine, otherwise it may cause fire.*



Check the oil level weekly and refill as necessary. Ideally, the oil level should be checked with the engine cold and the car resting on level ground. If the engine is running and already getting warm, wait for at least five minutes after switching off the Start switch before checking the oil level.

- 1 Withdraw the dipstick and wipe off the oil on it.
- 2 Slowly insert the oil dipstick and pull it out again to check the oil level; the oil level shall not be lower than the " MIN " mark on the oil dipstick.
- 3 Unscrew the engine oil filler cap and refill the oil to maintain the oil level between " MAX " mark and " MIN " mark on the oil dipstick.
- 4 Please wait for 5 minutes and then recheck the oil level; add an appropriate amount of oil if necessary - DO NOT OVERFILL!
- 5 Finally, ensure the dipstick is inserted and oil filler cap is fully secured.

## Engine Oil Specification

Use the engine oil recommended and certified by the SAIC Motor. Refer to "Recommended Fluids and Capacities" in the "Technical Data" section.

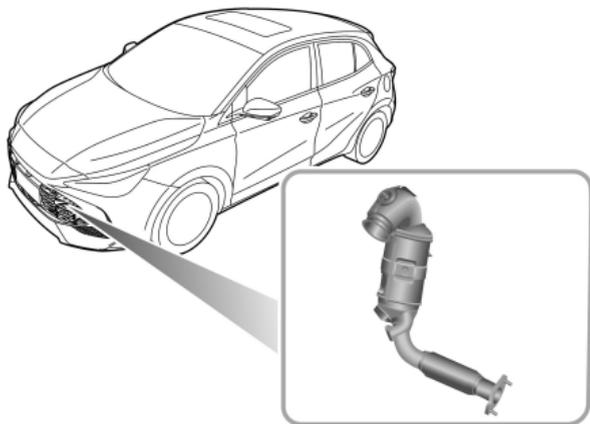
***Note: Any engine misfire, loss of engine performance or engine run-on, could seriously damage the catalytic converter and particulate filter. Regular maintenance must be carried out in accordance with the maintenance schedule specified by the manufacturer. Any modifications to the engine without manufacturer authorisation is prohibited.***

IMPORTANT
Check the engine oil level more frequently if the vehicle is driven at high speeds for prolonged periods.

## Catalytic Converters and Particulate Filters \*



*The temperatures of exhaust systems that contain particulate filters and catalytic converters can be extremely high, DO NOT park on ground where combustible materials such as dry grass or leaves could come into contact with the exhaust system - in dry weather a fire could result.*



The exhaust system incorporates a catalytic converter and particulate filter (model dependent), these process possible harmful exhaust emissions from the engine into more environmentally friendly gases. Exhaust system layouts differ between engine derivatives.

Catalytic converters and gasoline particulate filters are easily damaged through improper use, please observe the following precautions to minimise the chance of accidental damage.

### **Fuel**

- Use ONLY fuel recommended for your vehicle.
- Never allow the vehicle to run out of fuel – this could cause engine misfire and serious damage to the catalyst converter and particulate filters.

### **Engine Oil**

- Use ONLY engine oil recommended for your vehicle. If a non-recommended oil is used, the catalyst converter and particulate filters may be damaged.

**Note:** Carry out scheduled servicing according to the maintenance schedule in the 'Warranty & Maintenance Handbook'.

### **Starting**

Pay attention to the followings when starting the engine:

- Do not continue to operate the starter after a few failed attempts; seek an Authorised Repairer.
- Do not operate the starter if an engine misfire is suspected and do not attempt to clear a misfire by pressing the accelerator pedal.
- Do not attempt to push or tow start the vehicle.

### **Regeneration**

The particulate filters equipped on the vehicle has regeneration function. When the vehicle reaches certain running conditions (such as the speed is greater than 80 km/h), the vehicle will automatically burn away the carbon particulate matter adsorbed in the particulate filters.

### **Driving**

Please pay attention to the following conditions:

- Do not overload or rev up the engine too fast.
- Do not stop the engine when the car is in motion with a gear selected.
- Seek an Authorised Repairer immediately if you think your vehicle's engine oil consumption is abnormal, or the engine performance will be reduced.

- If the engine is shaking abnormally, or the vehicle lacks power while driving, seek an Authorised Repairer immediately.
- Do not drive on terrain likely to subject the underside of the car to heavy impacts.

***Note: Any engine misfire, loss of engine performance or engine run-on, could seriously damage the catalytic converter and particulate filter. Regular maintenance must be carried out in accordance with the maintenance schedule specified by the manufacturer. Any modifications to the engine without manufacturer authorisation is prohibited.***

## Cooling System



*Do not remove the coolant expansion reservoir cap when the cooling system is hot - escaping steam or hot coolant could cause serious injury.*

**Note:** *Prevent coolant coming into contact with the vehicle body in adding. Coolant will damage paint.*

If the coolant level falls appreciably during a short period, suspect leakage and arrange for an MG local Authorised Repairer to examine the vehicle.

## Coolant Check and Top Up



It is recommended that the cooling system should be checked weekly when the cooling system is cold and with the vehicle resting on level ground. If the coolant level is below " MIN " mark, remove the coolant expansion tank cap and add coolant, but the level shall not be higher than " MAX " mark.

## Coolant Specification



*Coolant is poisonous and can be fatal if swallowed - keep the coolant reservoir sealed and out of the reach of children. If accidental contact of coolant by children is suspected, seek medical assistance immediately.*



*Prevent the coolant coming into contact with the skin or eyes. If this occurs, rinse immediately with plenty of water. If eyes are still red, painful or uncomfortable, seek medical attention immediately.*

Please use the coolant recommended and certified by the manufacturer. Refer to "Recommended Fluids and Capacities" in "Technical Data" section.

**Note:** *The addition of corrosion inhibitors or other additives to the cooling system of this car may severely disrupt the efficiency of the system and cause parts damage. For cooling system issues please consult an MG Authorised Repairer.*

## Brake



**DO NOT rest your foot on the brake pedal while driving; this may overheat the brakes and reduce their efficiency, causing excessive wear to the brake components.**

The free stroke of brake pedal is in the range of 0 ~ 30 mm.

Reasonable usage scope of brake friction pair: not less than 2 mm for thickness of brake pads, 20 ~ 22 mm for front brake disc, and 8 ~ 10 mm for rear brake disc\*.

For the first 1500 km, you should avoid situations where heavy braking is required.

Note that regular maintenance is vital to ensure that all the brake components are examined for wear at the correct intervals, and replaced when necessary to ensure long-term safety during the interval prescribed in Warranty and Maintenance Handbook.

The vehicle needs to run in for 800 km after the brake pad or disc is replaced.

## Brake Fluid Check and Top Up



**Brake fluid is highly toxic, keep the brake fluid sealed and stored out of reach of children. If accidental contact of brake fluid is suspected, seek medical attention immediately.**



**Prevent brake fluid coming into contact with the skin or eyes. If this occurs, rinse immediately with plenty of water. If eyes are still red, painful or uncomfortable, seek medical attention immediately.**

The brake fluid level should be checked weekly when the system is cold and with the car on level ground. Clean the cover first before opening the brake fluid reservoir.

The brake fluid level can be seen through the reservoir and should be maintained between the " MAX " and " MIN " marks.

**Note: Do not allow the brake fluid level to drop below the 'MIN' mark or rise above the 'MAX' mark.**



### IMPORTANT

Replace brake fluid regularly according to service schedule.

**Note:** Brake fluid will damage painted surfaces. If you accidentally spill the brake fluid on the painted surface, soak up any spillage with an absorbent cloth immediately and wash the area with water or car shampoo.

### Brake Fluid Specification

Use the brake fluid recommended and approved by the manufacturer. Refer to "Recommended Fluids and Capacities" in the "Technical Data" section.

## Fuse Replacement

### Fuse

Fuses are simple circuit breakers which protect the car's electrical equipment by preventing the electrical circuits from being overloaded. A blown fuse may indicate that there is an issue with the circuit under its protection and it is likely that the system will stop working.

If you suspect a fuse is faulty, you can take it out of the fuse box and inspect it to see if the wire in the fuse is blown.

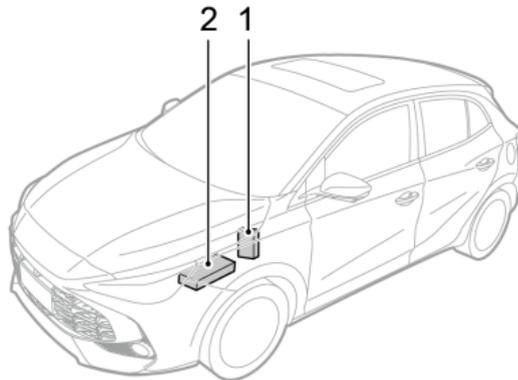
#### IMPORTANT

- NEVER attempt to repair a blown fuse. ALWAYS replace a fuse with one of the same rating, otherwise the fire may be caused due to electrical system damage or circuit overload.
- If a replaced fuse fails immediately, please contact a local MG Authorised Repairer for service as soon as possible.

It is recommended to have spare fuses in the vehicle, which can be obtained from an MG Authorised Repairer.

### Fuse Box

The vehicle is equipped with 2 fuse boxes:



- 1 Passenger compartment fuse box (behind the driver side knee trim panel)
- 2 Front compartment fuse box (the left side of the front compartment)

## Passenger Compartment Fuse Box



### Fuse Check or Replacement

- 1 Power off the vehicle , turn off all electrical appliances, and disconnect the negative battery cable.
- 2 Remove the driver side knee trim panel to access the fuse box.

- 3 Clamp the fuse head with a fuse extraction tool located in the front compartment fusebox cover,, pull and remove the fuse, and check whether the fuse is blown.
- 4 If a fuse is blown, replace it with another fuse of the same type and same ampere value.

### Fuse Specification

Code	Specs	Function
F1	40A	Front Blower
F2	5A	Data Link Connector and Instrument Pack
F3	10A	Gateway
F4	5A	Rain/light Sensor, Front View Camera Module, Rear Corner Radar and Start Switch

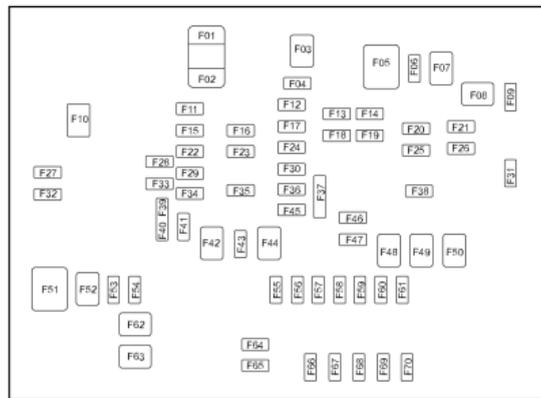
## MAINTENANCE

Code	Specs	Function
F5	5A	Driver Door Combination Switch, Exterior Rearview Mirrors and Headlamp Leveling Switch, Electronic Parking Switch and Gear Display
F6	5A	Rotary Coupling, Entertainment Control Panel and Instrument Desk Display
F7	5A	Alcohol Interlocking Interface Device
F8-F9	-	-
F10	10A	Seat Heating
F11-F12	-	-
F13	5A	Shifter Control Unit
F14	10A	Sensing and Diagnostic Module
F15-F17	-	-

Code	Specs	Function
F18	15A	Steering Wheel Heating
F19	-	-
F20	20A	Sunroof
F21	20A	Entertainment System Control Module
F22	-	-
F23	5A	Automatic Temperature Control
F24	-	-
F25	5A	Communication Module
F26-F28	-	-
F29	10A	Electronic Steering Column Lock
F30-F34	-	-
F35	5A	Instrument Pack

Code	Specs	Function
F36	20A	Entertainment System Control Module
F37	5A	Entertainment Control Panel
F38	5A	Air-conditioning
F39	20A	Transmission Control Module
F40	15A	Start Stop Electric Oil Pump
F41-F43	-	-
F44	15A	Front Console Power Socket
F45	5A	Headlamp Switch, Headlamp, Blower Relay and Pedestrian Alert Control Module
F46	5A	Interior Rearview Mirror USB Ports, Rear USB Ports, Mobile Phone Wireless Charging

## Front Compartment Fuse Box



## Fuse Check or Replacement

- 1 Power off the vehicle and turn off all electrical appliances, and disconnect the negative battery cable.
- 2 Press the lock catch to open the upper cover of front compartment fuse box.
- 3 Clamp the fuse head with a fuse extraction tool in the upper cover, pull and remove the fuse, and check whether the fuse is blown.

- 4 If a fuse is blown, replace it with another fuse of the same type and same ampere value.

## Fuse Specification

Code	Specs	Function
F1	-	-
F2	30A	DC to DC Converter
F3	40A	Heated Rear Window Relay
F4	10A	Heated Exterior Rearview Mirrors
F5	40A/60A	Stability Control System/Integrated Braking System
F6	30A	Body Control Module
F7	40A/60A	Stability Control System/Integrated Braking System
F8	30A	Electric Vacuum Pump

Code	Specs	Function
F9	-	-
F10	30A	Starter Motor Relay
F11	30A	Body Control Module
F12	30A	Body Control Module
F13	5A	Instrument Pack, Gateway, Body Control Module
F14	10A	Alcohol Interlocking Interface Switch
F15	20A	Engine Control Module
F16	20A	Transmission Control Module
F17	5A	Battery Sensor
F18	5A	Sensing and Diagnostic Module and Parking Assist Sensor

## MAINTENANCE

Code	Specs	Function
F19	10A	Stability Control System, Integrated Braking System, Transmission Control Module, Engine Control Module , Battery Management System and Automatic Gearshift Mechanism
F20-F21	-	-
F22	15A	Clutch Master Cylinder Stroke Sensor and Three-state A/C Pressure Switch
F23-F24	-	-
F25	10A	Battery Management System
F26-F27	-	-
F28	15A	Ignition Coil

Code	Specs	Function
F29	15A	Transmission Control Module
F30	10A	Engine Control Module
F31	15A	Rear Wiper Motor
F32	10A	A/C Compressor
F33	15A	Fuel Injector
F34	5A	Brake Switch
F35	-	-
F36	30A	Body Control Module
F37	15A	Horn Relay and Washer Relay
F38	5A	Heated Rear Window Relay
F39	-	-
F40	20A	Constant Pressure fuel Supply Pump

## MAINTENANCE

Code	Specs	Function
F41	5A	Starter Motor Relay
	15A	PEU Coolant Pump
F42	30A	Front Left Window Regulator, Driver Door Combination Switch, and Rear Left Window Regulator Switch
F43	30A	Body Control Module
F44	30A	Front Passenger Window Regulator Switch, and Rear Right Window Regulator Switch
F45	30A	Body Control Module
F46	20A	Towing Device Module
F47	15A	Towing Device Module
F48	30A	Power Electric Unit

Code	Specs	Function
F49	30A	Belt Actuation Electric Oil Pump
F50	25A	Front Wiper Motor

## 12V Battery

### Battery Maintenance



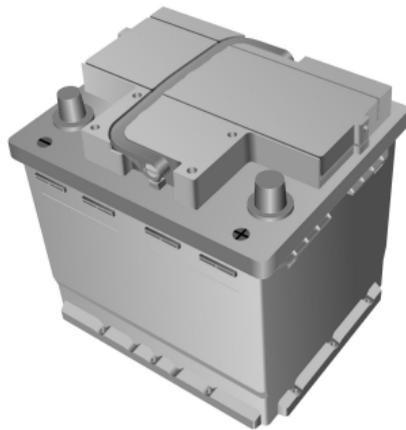
*DO NOT use on-board electrical appliances for an extended period of time when the vehicle is not started, otherwise the battery may become flat, resulting in the failure to start the vehicle and the reduction of battery life.*

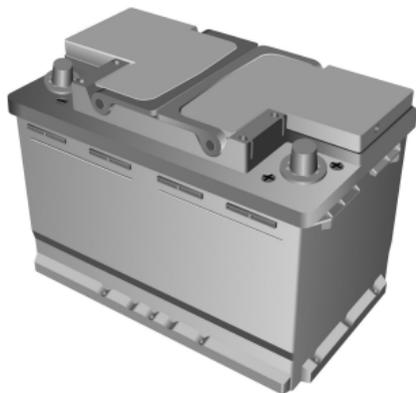


*Always store batteries upright, and never attempt to dismantle a battery.*

The battery is designed to be maintenance free, so topping-up is unnecessary.

According to the current load condition and the status of the battery, the system may limit the power of some electrical appliances, please start the vehicle as soon as possible to charge the battery.





**Note:**

*When the vehicle will not be used for an extended period, it is recommended that the battery negative terminal clamping pile head should be disconnected.*

*Make sure that the vehicle is powered off before connecting or disconnecting the negative battery cable.*

*When reconnecting the negative battery cable, ensure that the clamping pile head and the negative battery cable are properly secured.*

*When the vehicle will not be used for a long period of time without disconnecting the negative battery cable, it is recommended that the vehicle be driven or idled for more than half an hour per week to help prolong the life of the battery.*

### Battery Replacement



*The battery contains sulphuric acid, which is corrosive.*

Please contact an MG Authorised Repairer to remove and install the battery. Only fit a replacement battery of the

same type and specification as the original to maintain the correct vehicle functionality.



Used batteries can be harmful to the environment, so they must be disposed of using an approved method and be recycled by a professional company. Please consult a local Authorised Repairer for more details.

## Bulb Replacement

### Bulb Specification

Bulb	Specification
Front Reading Lamp	W5W 5W
Rear Interior Lighting*	C10W 10W
Front Fog Lamp	H8 35W
Front Turn Signal Bulb	PY21W 21W
Rear Turn Signal Bulb	WY16W 16W
Brake Light Bulb	W21W/5W 21W/5W
Reverse Lamp	W16W 16W
Rear Fog Lamp	W21W 21W
License Plate Lamp	W5W 5W

**Note:** Other light sources not listed are LED , which cannot be replaced separately.

## Bulb Replacement

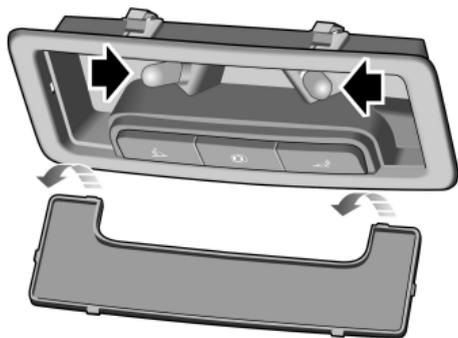
Before replacing any bulb, turn off the vehicle's power supply to avoid any possibility of a short circuit.

**Note:** *The replacement bulb must be identical with the original one in type and specification.*

If the bulb glass is scratched or contaminated, it may cause the bulb can not concentrate the light. Take care NOT to touch the glass with your fingers; if necessary, clean the glass with methylated spirits to remove fingerprints.

For other bulbs not listed and to be replaced, ask an MGAuthorised Repairer for help.

### Front Reading Lamp



- 1 Disconnect the negative terminal of the battery.
- 2 Use a small flat-bladed screwdriver to gently prise the lens from the light unit.
- 3 Pull the bulb from its mounting to remove.
- 4 Install the new bulb to the lamp holder.
- 5 When installing the lampshade, first align the two locking buckles inserted into the front of the lampshade, then slowly rotate the lampshade to align the two locking buckles at the back of the lampshade

with the lamp assembly, and push the lampshade upwards until the lampshade is in place.

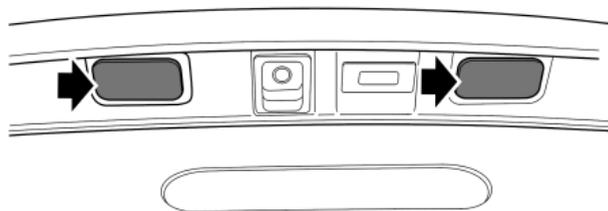
- 6 Connect the negative terminal of the battery.
- 7 Check whether the front reading lamp works normally.

## Rear Interior Lighting\*

- 1 Disconnect the negative terminal of the battery.
- 2 Use a small flat-bladed screwdriver to gently prise the lens from the light unit.
- 3 Pull the bulb from its mounting to remove.
- 4 Install the new bulb to the lamp holder.
- 5 When installing the lampshade, first align the two locking buckles inserted into the front of the lampshade, then slowly rotate the lampshade to align the two locking buckles at the back of the lampshade with the lamp assembly, and push the lampshade upwards until the lampshade is in place.
- 6 Connect the negative terminal of the battery.
- 7 Check whether the rear interior lighting works normally.

## License Plate Lamp

- 1 Disconnect the negative terminal of the battery.
- 2 Gently push the license plate light from the left to the right using a flat screwdriver.
- 3 Then use a flat screwdriver to pry down the license plate light.

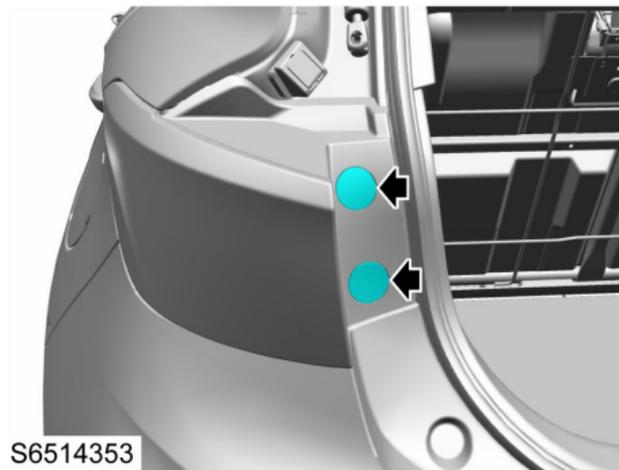


- 4 Remove the damaged bulb and install a new one to the bulb holder.
- 5 When installing the license plate light, first fit the left side of the license plate light into the groove.
- 6 Push the right side of the license plate lamp upwards with your fingers and hear a "click" sound.

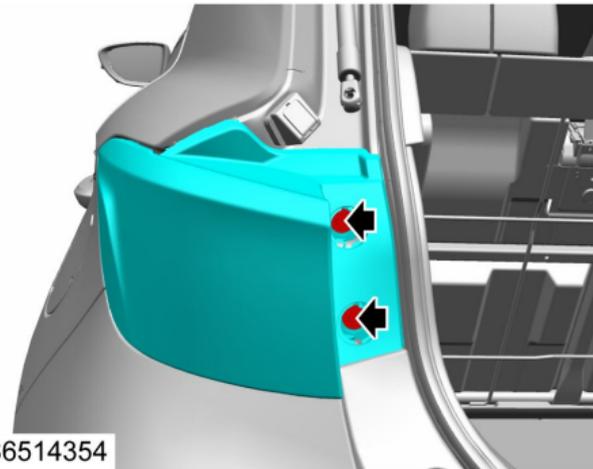
- 7 Connect the negative terminal of the battery.
- 8 Check if the rear license plate light is working properly.

### Rear Turn Signal Bulb & Brake Light Bulb

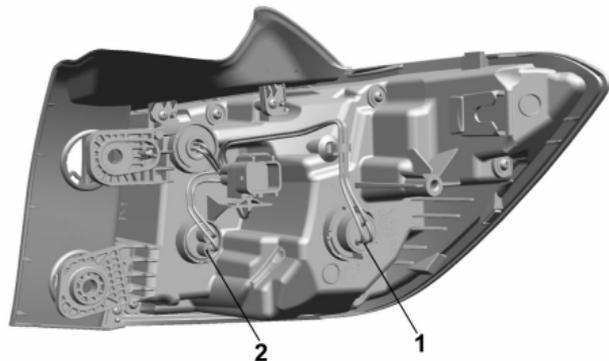
- 1 Open the tailgate.
- 2 Disconnect the negative terminal of the battery.
- 3 Remove the two plugs on the side wall taillight trim panel



- 4 Remove the bolts that secure the side taillights to the vehicle body.



- 5 Remove the side taillight and disconnect the wiring harness connector.
- 6 Rotate the bulb holder in an anti-clockwise direction, and remove the broken brake Light Bulb. 1 or rear turn signal bulb 2 .



- 7 Install a new brake light bulb or rear turn signal bulb onto the bulb holder and install the bulb holder into the tail light assembly.
- 8 Connect the wiring harness connector.
- 9 Install the side taillights on the vehicle body.
- 10 Install the two plugs on the taillight trim panel.
- 11 Connect the negative terminal of the battery.

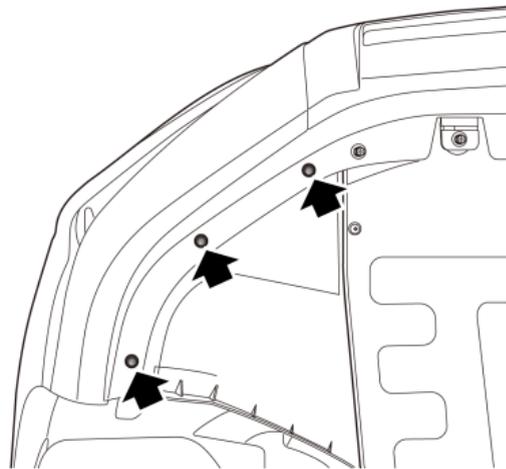
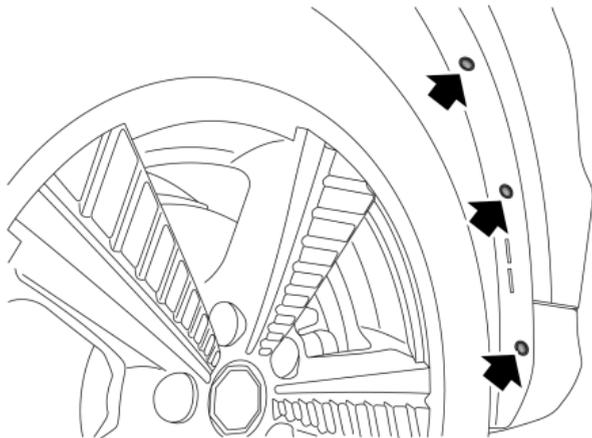
- 12 Check if the brake light bulb or rear turn signal bulb light is working properly.
- 13 Close the tailgate.

### Rear Fog Lamp&Reverse Lamp

- 1 Open the tailgate.
- 2 Disconnect the negative terminal of the battery.
- 3 Remove the tailgate interior panel.
- 4 Disconnect the connector, remove the damaged rear fog lamp/reverse lamp, and install a new bulb to the bulb holder.
- 5 Install the tailgate interior panel.
- 6 Connect the negative terminal of the battery.
- 7 Check if the rear fog lamp/reverse lamp are working properly.
- 8 Close the tailgate.

### Front Fog Lamp

- 1 Park the vehicle in a flat area, the wheel on the faulty side isturned inward ,apply the handbrake (P gear), and disconnectthe battery negative terminal.
- 2 Use a screwdriver to remove the 6 screws on the mudguard.



- 3 Pull open the mudguard until you can see the front fog lights.
- 4 Disconnect the connector, rotate the bulb counterclockwise, and remove the damaged front fog lamp bulb.
- 5 Install the new bulb into the socket and rotate clockwise until it is fully secured.
- 6 Connect the wiring harness connector.

- 7 Connect the negative terminal of the battery and check if the front fog lights are working properly.
- 8 Fix the mudguard with screws and rotate the wheels to the normal position.

### **Front Turn Signal Bulb**

- 1 Open the bonnet.
- 2 Disconnect the negative terminal of the battery.
- 3 Disconnect the connector, Rotate the bulb counterclockwise from the lamp body, and remove the damaged front turn signal bulb.
- 4 Fit new bulb in lamp assembly, rotate clockwise until fully secure.
- 5 Refit the wiring connector.
- 6 Reconnect battery negative terminal and test lamp operation.
- 7 Close the bonnet.

## Washer

### Washer Fluid Check and Top Up



*Windscreen washer fluid is flammable. DO NOT allow windscreen washer fluid to come into contact with naked flames or sources of ignition.*



*When filling the washer fluid, do not let the washer fluid spill around the powertrain or on the paint surface of vehicle body. In case the washer fluid is spilled on hands or other parts of the body, please immediately wash with clean water.*

Check the washer fluid level regularly. When the level of washer fluid is low, please top up the washer fluid as instructed. Use the washer fluid recommended and certified by SAIC Motor. Refer to "Recommended Fluids and Capacities" in the "Technical Data" section.



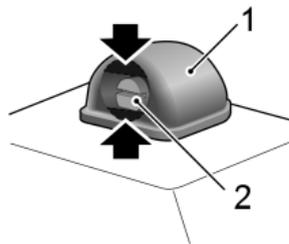
**Note:** *DO NOT use an anti-freeze or vinegar/water solution in the washer reservoir-anti-freeze will damage paintwork while vinegar will damage the washer pump.*

## IMPORTANT

- Use the washer fluid recommended and certified by the manufacturer. Misuse of washer fluid in winter may cause damage to the washer motor due to freezing.
- Turning on the washer switch when there is no washer fluid may cause damage to the washer motor.
- Operating the wipers when the windscreen is dry and there is no washer fluid may cause damage to the windscreen and wiper blades. Please spray the washer fluid and start the wipers when there is adequate washer fluid.

## Washer Nozzles

The windscreen washer nozzle is located on the A/C air intake grille panel in the front compartment, and is configured during the factory settings, so generally there is no need for adjustments. To adjust the washer nozzle, you can insert a small flat-bladed screwdriver in the gap (the black area indicated by the arrow) between the housing ( 1 ) and the nozzle ( 2 ) and turn the nozzle downward or upward slightly to obtain an appropriate ejection angle.



Operate the washer to spray water periodically to check if the washer nozzles are clean and in the correct direction. If the nozzle is obstructed, insert a needle or thin metal wire into the hole to remove the obstruction.

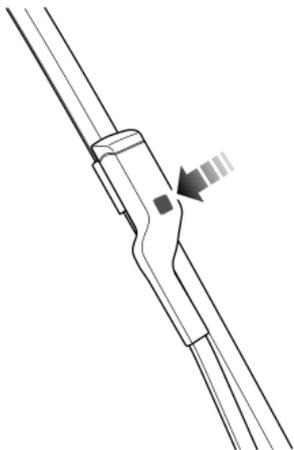
## Wipers

### Wiper Blades

#### IMPORTANT

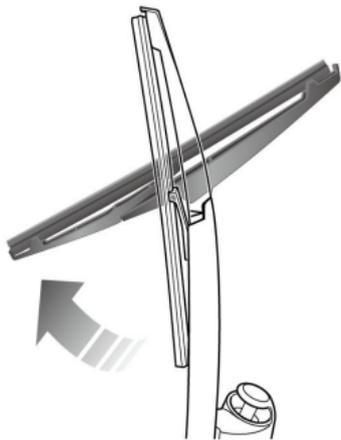
- Grease, silicon and petroleum products impair the blade's wiping capability. Clean the wiper blades in warm soap water and check their status periodically.
- Clean the windscreen frequently. DO NOT use wiper blades to remove stubborn or ingrained dirt, it will reduce their effect and their life span.
- If signs of hardness or cracking in the rubber are found or if the wipers leave streaks or unwiped areas on the windscreen, then the wiper blades should be replaced.
- Clean the windscreen regularly with an approved glass cleaner and ensure the windscreen is thoroughly cleaned before the replacement of wiper blades.
- Only fit the wiper blades that are identical to the original specification.
- Clean ice and snow from the wipers and ensure they are not frozen or otherwise, sticking to the windscreen before attempting to operate them.

### Windscreen Wiper Blade Replacement



- 1 With the bonnet in closed state and the power OFF (see “Stopping Power System” in “Starting and Stopping Power System” section) for up to 20 seconds, press down the wiper stalk switch to Single Wipe position (see “Wipers and Washers” in “Instruments and Controls” section) and release, the wiper will automatically move to service position, and stop on the windscreen.
- 2 Lift the wiper arm away from the windscreen.
- 3 Press the button on the wiper arm (as illustrated), and pull the upper end of the wiper blade outward to disengage from the wiper arm.
- 4 Unhook the blade from the wiper arm and discard.
- 5 Locate the new wiper into the slot of the wiper arm.
- 6 Push the wiper blade towards the wiper arm until the wiper blade is fully embedded.
- 7 Put the wiper assembly back onto the windscreen, and check whether the wiper blade is fixed correctly onto the wiper arm.
- 8 Press down the wiper stalk switch again to Single Wipe position and release, or power on the system, the wiper will exit the service mode and automatically return to its original position.

## Rear Window Wiper Blade Replacement



- 1 Lift the wiper arm away from the rear window.
- 2 Rotate the wiper blade as shown in the figure, to remove it from the wiper arm and discard.
- 3 Put the fitting of the new wiper blade into the slot of the wiper arm. Ensure the wiper blade is properly secured on the wiper arm.
- 4 Place the wiper assembly back on the rear window.

## Tyres

### Overview

- New tyres may not have optimum adhesion properties, please run at moderate speed in appropriately careful driving style for the first 500 km.
- You can only drive at low speed when passing kerbs or similar sections, and pass the wheels through the kerbs at right angle as far as possible.
- Regularly check tyres for damage (punctures, scratches, cracks and pits) and remove any foreign objects from the tread.
- The valve dust cap must be fitted to prevent dust from entering the valve.
- If the tyre is to be removed, always mark the tyre/wheel orientation to ensure correct reinstallation.
- Store the removed wheel or tyre in a cool, dry and dark place.

The damage of a tyre or rim may happen unnoticeably. If abnormal vibration or deviation is experienced, that means the tyre may have been damaged. If you suspect that the tyres are damaged, please be sure to immediately reduce the speed, and stop to check the tyres for damage.

If you can't see any damage from the outside, you shall drive at low speed to the nearest Authorised Repairer for inspection.

### Directional Tyres

Directional tyres are marked with "direction of rotation" (DOR). To maintain handling characteristics, tyre performance, low road noise and extend tyre life, tyres/wheels must always be fitted with indication arrow showing the correct "DOR".

## **Service Life of Tyres**

Rational tyre pressure and moderate driving style can extend tyre life. Recommendations:

- Check the tyre pressures at least once a month when the tyre is cold;
- Avoid cornering at excessive speeds;
- Regularly check tyres for abnormal wear patterns.
- When the vehicle is to be parked for a long time, the vehicle should be moved at least once every two weeks to prevent permanent deformation of the tyres due to long-term stress.

The following factors affect the tyre life:

### ***Tyre Pressure***

Over or under-inflated tyres will cause the abnormal wear of the tyre, greatly shorten the service life, and have an adverse effect on the driving characteristics of the vehicle.

### ***Driving Style***

Excessively harsh acceleration and braking whilst cornering will reduce tyre life.

### ***Wheel Balance***

The wheels of a new vehicle are subject to dynamic balance testing, but out-of-balance wheels may still be caused due to the effects of various factors in operation.

If wheels are out of balance, shaking or vibration of the steering mechanism may occur and the tyres may start to wear excessively. It is important to restore wheel balance as quick as possible. Each wheel should be rebalanced after installing a new tyre or having a tyre repair.

### ***Wheel Alignment Defect***

Incorrect wheel alignment can cause excessive tyre wear and affect vehicle safety. If the tyres show signs of abnormal wear, check the wheel alignment and seek advice from a local Authorised repairer.

## Caring for Your Tyres



**USE OF DEFECTIVE TYRES ARE DANGEROUS! DO NOT drive if any tyre is damaged, excessively worn or inflated to an incorrect pressure.**



**When replacing tyres it is strongly recommended that the new tyres are of the same specification as the original tyres. DO NOT replace the tyres with tyres of any other type. Alternative tyres, of a different specification, may adversely affect the vehicle's driving characteristics and safety. In order to maintain driving characteristics and safety, it is suggested that you consult an MG Authorised Repairer.**

Always drive with consideration for the condition of the tyres, and regularly inspect the tread and side walls for any sign of distortion (bulges), cuts or wear.

**Note: Prevent tyres from coming into contact with oil, grease and fuel.**

## Tyre Pressure



**Before a long distance journey, the tyre pressure must be checked.**

Check the pressures at least every month, when the tyres are cold.

If it is necessary to check the tyres when they are warm, you should expect the pressures to have increased by 30 ~ 40 kPa (i.e. 0.3 ~ 0.4 bar). In this circumstance, NEVER let air out of the tyres in order to match the recommended pressures (cold) in the technical data.

## Valves

Keep the valve caps firmly secured to prevent dirt from entering the valve. Check the valve for leaks (listen for a tell-tale hissing) when you check the tyre pressure.

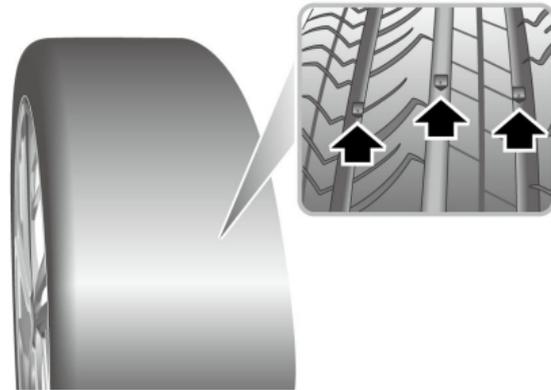
## Punctured Tyres

Your vehicle is fitted with tyres which may not leak if penetrated by a sharp object, provided the object remains in the tyre. If you are aware of this occurring, reduce speed immediately and drive with caution until the spare wheel can be fitted, or repairs undertaken.

**Note:** *If the sidewall of the tyre is damaged or distorted, replace the tyre immediately, do not attempt to repair it.*

### Tyre Wear Indicators

The tyres fitted as original equipment have about 2.0 mm-high wear indicators at their tread pattern bottom, vertical with the wheel rolling direction and evenly distributed around the circumference. The mark on the tyre side such as capital letters TWI or triangular symbol shows the location of wear indicator.



When the tread has worn down to 2.0 mm or below, the indicators will come to the surface of the tread pattern, producing the effect of a continuous band of rubber across the width of the tyre.

#### IMPORTANT

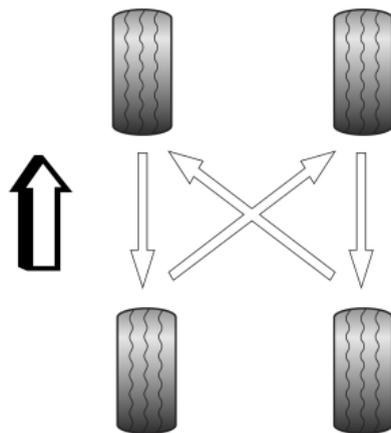
A tyre **MUST** be replaced as soon as a wear mark becomes visible. Otherwise there may be a risk of accidents.

## Wheel Fitment Rotation

It is recommended that you swap wheels at irregular intervals in order to equalise tyre wear.

When the tyres are worn seriously, it is recommended to swap the front and rear wheels as shown in illustration. This can prevent tyres from uneven wear, prolong the life span and balance tyre fatigue.

It is favorable to swap the driving wheels from front to rear and exchange non-driving wheels across.



**Note:** Directional tyres (identified from the arrow on the tyre side) **CANNOT** be swapped from side to side.

**Note:** TPMS self-learning is required after the wheel fitment rotation. Please consult an MG Authorised Repairer for details.

## Tyre/Snow Chains

Unsuitable tyre/snow chains may damage the tyres, wheels, suspension, brakes or bodywork of your vehicle.

Please pay attention to the following requirements in the usage:

- The tyre/snow chains can only be fitted on the front wheels;
- The thickness of tyre/snow chains shall not exceed 15 mm;
- Please always observe the installation and tension instructions for the tyre/snow chains, as well as the speed limitations of different roads;
- Please avoid driving styles where heavy braking, sharp turns, etc are required with tyre/snow chains installed.
- If there are abnormal sounds during the use of tyre/snow chains, please park the vehicle in a safe area as soon as possible to check the chassis.
- Do not drive faster than 40 km/h;
- To avoid the tyre damage and excessive wear of the tyre/snow chains, the tyre/snow chains must be removed while driving on the road without snow.

### Size and Specifications of Wheels and Tyres Supporting Tyre/Snow Chains for This Vehicle

Wheel Rim Size	5.5J×15
Tyre Size	185/65 R15 88H

**Note: Please ensure the specifications of tyres and rims of the vehicle are the same as those listed in the above table prior to purchasing tyre/snow chains, otherwise tyre/snow chains cannot be fitted.**

**Note: If you often drive on snow covered and icy roads, it is recommended to use winter tyres. Please consult an MG Authorised Repairer for details.**

## Cleaning and Caring



*Observe all safety precautions on cleaning products; Do NOT drink fluids and keep them away from the eyes.*

## Exterior

### Washing Your Car



*In order to prevent accidents you should only clean your car when the power system is OFF.*



*Do not clean the front compartment with high pressure water since it may damage the electrical system of the vehicle.*



*Some high pressure cleaning systems will penetrate door, window and sunroof seals, and damage lock mechanisms. DO NOT aim water jets directly at components that might be easily damaged.*

In order to preserve the paint finish on your car, please observe the following care points:

- DO NOT use hot water to wash the car.
- DO NOT use detergents or washing up liquid.

- In hot weather, DO NOT wash the car in direct sunlight.
- When using a hose, DO NOT aim the water directly at window, door or sunroof seals, or through wheel apertures onto the brake components.

If the car is particularly dirty, use a hose to flush grime and grit from the bodywork, prior to washing. Then, wash the car using cold or lukewarm water containing a good quality wash and wax shampoo. Always use plenty of water to ensure that grit is flushed from the surface and not ground into the paintwork. After washing, rinse the bodywork with clean water and dry off with a chamois leather.

**Note:** *It is recommended that the camera is to be protected whilst the vehicle is being washed to avoid damage to the surface of the vehicle and the camera from car wash equipment, brushes or or hard objects such as small stones that may be contained therein.*

### Cleaning the underside



*Do not clean the front compartment with high pressure water since it may damage the electrical system of the vehicle.*

From time to time, but particularly during winter months when salt has been used on the roads, use a hose to wash the underside of the car. Flush away accumulations of mud

and thoroughly clean those areas where debris can easily collect (wheel arches and panel seams, for example).

## IMPORTANT

- Avoid cleaning the vehicle in direct sunlight.
- When cleaning the vehicle in winter avoid spraying water directly onto door locks and panel gaps due to risk of icing.
- Do not use rough sponges or cloth to clean the car, this will damage the paintwork finish.
- When cleaning the headlamps do not use a dry cloth or sponge, use only warm soapy water.

### ***Cleaning with High Pressure Cleaner***

Always read the manufacturers operating instructions.

When using high pressure washers, always ensure there is adequate distance between the spray nozzle and any soft materials, decals or rubber seals.

**Note:** *DO NOT direct the pressure washer nozzle directly toward the high voltage components or high voltage connections.*

## IMPORTANT

- Please pay attention to the operating instructions of high pressure cleaner.
- Soft parts on the vehicle should be kept in a large enough distance from the high pressure cleaner.

### **Polishing the Paintwork**

Occasionally treat the paint surface with an approved polish containing the following properties:

- Very mild abrasives to remove surface contamination without removing or damaging the paint.
- Filling compounds that will fill scratches and reduce their visibility.
- Wax to provide a protective coating between the paint and the elements.

**Note:** *If possible, avoid applying polish or wax products to window glass and rubber seals.*

### **Matte paint**

Matte paint is a special kind of coating, and special care should be taken when washing cars and caring for them.

It is recommended to wash the car by hand and do not use a rough sponge or car wash cloth. When cleaning and wiping, do not use excessive force. Avoid washing your car in direct sunlight.

- Do not use a high pressure water jet or steam to clean the vehicle. If the vehicle is quite dirty, it is necessary to pre-clean the car before washing it. Clean the body dust and other particles that may damage the paint surface first.
- Spray the body with plenty of clean water and dry the body after washing it from the roof downwards using a soft sponge and neutral wax-free car wash solution.

During the daily care of your car, attention shall also be paid to:

- If the paint film comes into contact with resin or grease, as well as insect residue or bird excrement, remove it immediately to avoid irreversible damage to the matte paint surface.
- If there are oil stains or fingerprints on the matte paint surface, remove them immediately with a clean cloth, do not use excessive force to avoid irreversible damage to the matte paint surface.

- In order to maintain the matte effect of the paint surface, abrasives, polishes and polishing waxes cannot be used, and the body cannot be polished.
- Do not use any stickers, patches, magnets or similar to prevent damage to the paint surface.
- Be sure to repair the paint film in a qualified professional repair workshop.

### Wiper Blades

Wash in warm soapy water. DO NOT use spirit or solvent based cleaners.

### Windows and Mirrors

Regularly clean all windows, inside and out, using an approved glass cleaner.

**Windscreen:** In particular, clean the outside of the screen with glass cleaner after washing the car with wash and wax products, and before fitting new wiper blades.

**Rear screen:** Clean the inside with a soft cloth, using a side to side motion to avoid damaging the heating elements.

**Mirrors:** Wash with soapy water. Use a plastic scraper to remove ice. DO NOT use abrasive cleaning compounds or metal scraper.

## Plastic Components

Any plastic components should be cleaned using conventional cleaning methods and not be treated with abrasive materials.

## Paint Damage

Any paint damage or stonechips should be treated with suitable paint/lacquer materials immediately to avoid invalidating the Anti Corrosion Warranty.

## Weather Strips

Any weather strips or rubber aperture seals should be treated with suitable materials (silica gel) if they are cleaned using strong detergents, this should avoid any sticking and maintain the service life of the seal.

## Wheels



***When cleaning the wheels any materials or water that contact the brake.***

In order to ensure the wheels are kept in optimum condition they should be cleaned regularly.

Only use a recommended non-acidic propriety wheel cleaner. Always read the instructions on the product.

## Cleaning the Interior

### Condenser, radiator and cooling fan

During daily driving, the condenser, radiator and cooling fan of the vehicle may accumulate some dirt, leading to deviations in the air conditioning system, cooling system, and vehicle noise. Please pay attention to daily maintenance and cleaning. If there is dirt, please rinse with water or wipe with a cloth. Be careful not to damage the fins of the condenser, radiator and cooling fan blades.

### Air conditioning cleaning

During daily use of car air conditioning, some dirt may accumulate inside the air conditioning system, which can affect its normal operation. Therefore, it is necessary to clean the interior of the air conditioning system. It is recommended to go to an authorized after-sales service center and have a professional handle the operation.

The air conditioner shall be cleaned in the form of spray to avoid the vehicle failure caused by liquid such as detergent flowing into the on-board electrical appliances.

### Plastic materials

Clean plastic-faced materials with diluted upholstery cleaner then wipe with a damp cloth.

**Note: DO NOT polish dashboard components – these should remain non-reflective.**

### Carpet and fabrics

Clean with diluted upholstery cleaner - test a concealed area first.

### Leather

Clean leather trim with warm water and a non-detergent soap. Dry and polish the leather with a dry, clean, lint-free cloth.

**Note: Common liquids containing solvent components include various alcohols, strong acids and bases, amide class, oleic acid class, gasoline class, etc.**

### Instrument Pack, Infotainment Display

Clean with a dry cloth only. DO NOT use cleaning fluids or sprays.

## Airbag Module Covers



***DO NOT allow these areas to be flooded with liquid and DO NOT use petrol, detergent, furniture cream or polishes.***

To protect damage to the airbag SRS, the following areas should be cleaned sparingly with a damp cloth and upholstery cleaner ONLY:

- Steering wheel centre pad.
- Area of dashboard containing the passenger airbag.
- Area of roof lining and front pillar finishers which enclose the side head impact protection modules.

## Seat Belts



***DO NOT use bleaches, dyes or cleaning solvents on seat belts.***

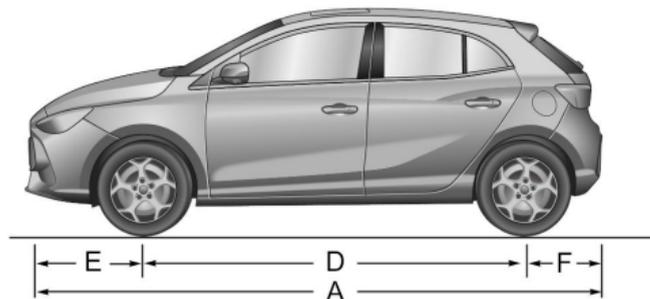
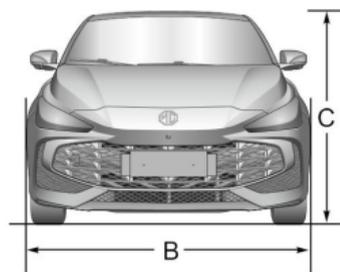
Extend the belts, then use warm water and a non-detergent soap to clean. Allow the belts to dry naturally; DO NOT retract them or use the car until they are completely dry.

## **Technical Data**

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## Technical Data Dimensions



Item, unit	Parameter		
	1.5L HEV	1.5L PFI	1.5L GDI
Overall length A , mm	4113		
Overall width B , mm	1797		
Overall height C (unladen), mm	1502		
Wheelbase D , mm	2570		

## TECHNICAL DATA

Item, unit	Parameter		
	1.5L HEV	1.5L PFI	1.5L GDI
Front overhang E , mm	892		
Rear overhang F , mm	651		
Front wheel track, mm	1524/1514 ( 15 " / 16 " tyres)		
Rear wheel track, mm	1545/1535 ( 15 " / 16 " tyres)		
Minimum ground clearance(laden),mm	116.8	120	
Minimum turning circle diameter, m	10.5		
Fuel tank capacity, L	36	45	

**Note:** Vehicle length not including the license plate.

**Note:** Rearview mirrors and the deformed portion of tyre wall directly above the touchdown point are not included in the total width.

**Complete Vehicle Mass Parameters**

Item, unit	Parameter				
	1.5L HEV	1.5L PFI MT	1.5L PFI CVT	1.5L GDI MT	1.5L GDI CVT
Person in cab, person	5				
Unladen vehicle weight (kerb), kg	1298/1308	1130	1170/1188	1140	1188
Gross vehicle weight, kg	1746/1766	1555	1605/1623	1555	1623
Unladen front axle weight, kg	824/831	707	743/754	714	754
Unladen rear axle weight, kg	474/477	423	427/434	426	434
Laden front axle weight, kg	935/946	818	859/870	818	870
Laden rear axle weight, kg	811/820	737	746/753	737	753

## TECHNICAL DATA

### Main Engine Parameters

Item, unit	Parameters		
	1.5L GDI	1.5L PFI	1.5L HEV
Bore × Stroke, mm × mm	73.5×88.1	73.5×88.1	72×92
Total displacement, L	1.495	1.495	1.498
Compression ratio	12.2	11.6	16.0±0.5
Rated power, kw	85Kw	81Kw	75
Engine speed at rated power, rev/min	6000	6000	6000

Maximum torque, Nm ( Chile )	148	-	-
Maximum torque, Nm ( Mexico / South America )	-	142	128
Maximum torque, Nm ( GCC / UAE )	-	140	-
Engine speed at maximum torque, rev/min	4500	4500	4500

## TECHNICAL DATA

Fuel grade (Mexico)	-	RON 92# unleaded petrol and above or AKI 87# unleaded petrol and above	RON 95 unleaded petrol and above
Fuel grade (South America)	-	RON 92# unleaded petrol and above	
Fuel grade (GCC / UAE)	-	RON 91# unleaded petrol and above	
Fuel grade (Chile)	RON 92# unleaded petrol and above	-	

## Dynamic Performance Parameters

Item, unit	Parameter				
	1.5L PFI CVT	1.5L PFI MT	1.5L GDI CVT	1.5L GDI MT	1.5L HEV
Maximum speed, km/h	179	185	185	185	170
Gradeability, %	30				

**Note:** *The dynamic performance parameters are test data under specific conditions.*

**Note:** *Gradeability is affected by different road surfaces, tyre pressures, tyre tread depth and vehicle load.*

## TECHNICAL DATA

### Parameters of Drive Motor

Item	Front drive motor
Motor type	Permanent magnet synchronous motor
Rated Power/Peak Power, kW	TM:50/100
	GM:45/60
Rated Torque/Peak Torque, Nm	TM:250 GM:140
Rated Speed/Maximum Speed, rpm	5026/13000
	7162/13000
Protection Grade	IP67

**Recommended Fluids and Capacities**

Name	Grade	
Engine oil (after-sales replacement), L	C5&SP 0W-20	4
Engine coolant, L	Glycol (OAT)	6.2
Manual transmission oil (MT) *, L	Castrol BOT503	1.8
Auto transmission oil (CVT) * , L	Shell SL-2100	6.86
Hybrid transmission oil *, L	Castrol BOT794	1.5
Brake fluid, L	DOT 4	0.75
Washer fluid, L	Proprietary Brand Screenwasher Fluid	2.5
Air conditioning refrigerant, g	R-134a	460±20

**Wheel Alignment (Unladen Condition)**

Item, unit		Parameters
Front Wheels	Camber Angle	$-27 \pm 45 \phi$
	Castor Angle	$5^{\circ}52 \pm 45 \phi$
	Toe-in Angle (total toe-in)	$6 \pm 12 \phi$
	King Pin Inclination	$13^{\circ}21 \pm 45 \phi$
Rear Wheels	Camber Angle	$-1^{\circ}25 \pm 45 \phi$
	Toe-in Angle (total toe-in)	$12 \pm 15 \phi$

**Wheels and Tyres**

Wheel Rim Size	15×5.5J	16×6.0J
Tyre Size	185/65 R15 88H	195/55 R16 87H
Spare Wheel*	Wheel Rim Size	16×4B
	Tyre Size	T115/70R16 92M

## TECHNICAL DATA

### Tyre Pressures (Cold)

Wheels	All Conditions
Front Wheels	250kPa/2.5bar/37psi
Rear Wheels	250kPa/2.5bar/37psi
Spare Wheel*	420kPa/4.2bar/60psi