



ASTON MARTIN

DB 9

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Mirroring Club activity, the Aston Martin Heritage Trust is an educational charity dedicated to the history of the marque from the earliest days almost a century ago. It shares the magnificent 15thC Oxfordshire barn which is the international headquarters, museum and archive. Why not log onto our website to discover more about these unique organizations, and enjoy a hearty welcome from us all.

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Whilst every effort has been made to make sure the accuracy of the particulars contained in this Owner's Guide, neither the manufacturer nor the Dealer, by whom this Owner's Guide is supplied, shall in any circumstances be held responsible for any inaccuracy or the consequences thereof.

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The manufacturer reserves the right to vary specifications without notice in accordance with its policy of continual product improvement.

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Introduction

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CALIFORNIA Proposition 65 Warning

Warning

** Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain or emit chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm.*

Perchlorate Material

Certain components of this vehicle such as air bag modules, seat belt pre-tensioners and roll over protection devices may contain Perchlorate Material. Special handling may apply for service or vehicle end of life disposal.

Go to www.dtsc.ca.gov/hazardouswaste/perchlorate for more information.

Welcome

to your new Aston Martin.

This Owner's Guide, along with other publications included in your literature pack, provides information which will enhance your pleasure from owning and driving your Aston Martin.

This Owner's Guide has been designed to explain the vehicle's operation and to make the control of its systems easy to understand and operate.

All new owner's are recommended to carefully study the contents of this Owner's Guide prior to driving.

This Owner's Guide forms part of the essential vehicle equipment for homologation purposes and must stay with the vehicle at all times.

Warnings, Cautions and Notes


The following Warnings, Cautions and Notes are used within this Owner's Guide to call your attention to specific types of information.

Warnings


Warning

** Identifies procedures which must be followed precisely to help avoid the risk of personal injury.*

Cautions

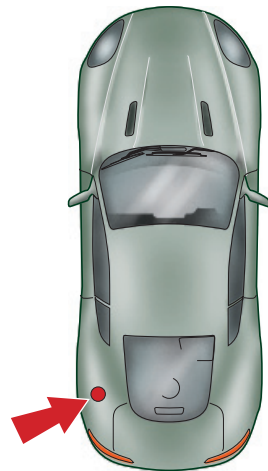
 **Provided to indicate procedures which must be followed precisely to reduce the possibility of damage to your vehicle.**

Notes

 Provided to indicate procedures which will help to avoid difficulties in the operation of your vehicle.

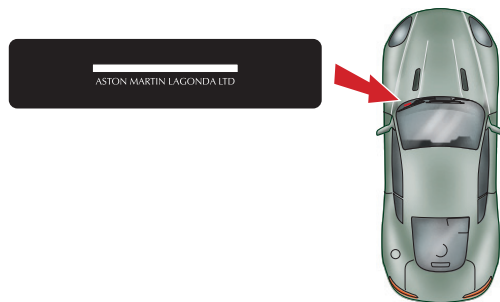
Component Location

All directions for locating components are described as viewed from the driver's seat, i.e. the fuel filler cap indicated on this diagram will be described as 'located at the rear left side of the vehicle'.

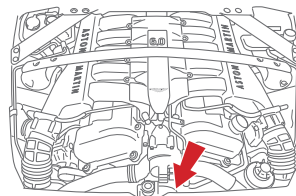


Vehicle Identification


The Vehicle Identification Number (VIN) is shown in the left bottom corner of the windshield and is recorded as a barcode on the door pillar.



The Vehicle Identification Plate, attached to the front subframe behind the engine bay front cross member (viewed from above), is model and market dependant:



The vehicle identification number is also stamped into the floorpan in the right side footwell.

 *To view the vehicle identification number stamped into the floorpan lift the carpet up, from the front, and then lift the sound deadening material.*

Data Recording

Computers in your vehicle are capable of recording detailed data, potentially including but not limited to information such as:

- The use of restraint systems including seat belts by the driver and passengers

- Information about the performance of various systems and modules in the vehicle

- Information related to engine, throttle, steering, brake or other system status

Any of this information could potentially include information regarding how the driver operates the vehicle, potentially including but not limited to information regarding vehicle speed, brake, throttle application or steering input. This information may be stored under regular operation, in a crash or near crash event.

Reporting Safety Defects

This information may be read out and used by:

- Aston Martin
- Service and repair facilities
- Law enforcement or government agencies
- Others who may assert a right or obtain your consent to know such information

North America

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Aston Martin Lagonda (North America) Inc. 533 MacArthur Boulevard, NJ 07430-2326.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your Dealer, or Aston Martin Lagonda (North America) Inc.

To contact NHTSA, you may call the Vehicle Safety Hot-line toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to <http://www.safercar.gov>; or write to: Administrator, NHTSA, 400 Seventh Street, SW., Washington, DC 20590.

You can also obtain other information about motor vehicle safety from <http://www.safercar.gov>.

Canada

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform Transport Canada in addition to notifying Ford of Canada.

To contact Transport Canada, call their toll-free number: 1-800-333-0510

Vehicle Provenance

Introduction

Model:
e.g. Manual, Automatic

Color:
Body Exterior Interior Trim/
Piping Interior Veneers

Vehicle Identification Number:
As on the VIN plate

First Owner:

Selling Dealer:

Delivery Date:

Third Owner:

Selling Dealer:

Delivery Date:

Second Owner:

Selling Dealer:

Delivery Date:

Fourth Owner:

Selling Dealer:

Delivery Date:

Fifth Owner:

Selling Dealer:

Delivery Date:

Sixth Owner:

Selling Dealer:

Delivery Date:



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Vehicle Security

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Introduction

This vehicle is protected by an electronic security system. Two levels of alarm system are available:

- Standard
- High specification (option) - includes an interior movement sensor and a tilt sensor

Vehicle protection is enhanced by a Passive Anti-Theft System (PATS) which provides engine immobilization if the wrong vehicle key is used.

The total vehicle security system includes:

- Remote arming and disarming
- Perimeter sensing
- Remote door, trunk lid, fuel flap release lock and unlock

- Guard reduction mode
- Alarm siren with battery back-up (in markets where audible sirens are permitted)
- Random code encryption to prevent electronic scanning or grabbing of the vehicle key identity code
- Interior movement sensor (high specification alarm system only)
- Tilt sensor (high specification alarm system only)
- Passive Anti-Theft System (PATS) (engine immobilization)

With the vehicle armed, any attempt to forcibly open a door, the trunk lid or the hood will result in full alarm activation.

Emotion Control Unit

The vehicle is supplied with two vehicle keys¹ (Emotion Control Units), a Glass key and a Spare key, and an Emergency key. A leather holder is provided to hold the 'in use' vehicle key when not in the Ignition Control.



Keep the spare key in a safe place. Do not leave a vehicle key in the vehicle when unattended.

 *If a vehicle key is lost, contact your Aston Martin Dealer.*

¹. Manufactured by  STRATTEC[®] . 8D33-70290-BA.

⚠ FCC Warning

*** 'Note' - Changes not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

FCC - Radio Frequency Devices

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Radio Standard Specification (Canada)

Operation is subject to the following two conditions:

(1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device

Do not leave a vehicle key in the vehicle when unattended.



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Vehicle Key Security Functions

- 1 LOCK** - Press once to lock the doors and alarm enable. The seats and door rear view mirror positions are memorized. The vehicle will deadlock after 25 seconds.

(Refer to 'Locking', page 2.6).

(Refer to 'Seat Memory Function', page 3.5).

(Refer to 'Deadlocking', page 2.10).



- 2 UNLOCK** - Press once to unlock the Driver's door only. Press twice, within three second, to unlock all doors (Refer to 'Unlocking and Opening', page 2.5). The seats and door rear view mirrors move to their memorized positions (Refer to 'Seat Memory Function', page 3.5).
- 3 TRUNK OPEN** - Press once to enable the trunk catch. Press twice, within three seconds, to release the trunk catch (Refer to 'Trunk Lid', page 2.8).
- 4 APPROACH LIGHT** - Press to activate the front and rear side lamps and interior lights (Refer to 'Approach Lighting', page 2.11).

Emergency Key

In the unlikely event that either the vehicle key fails to operate or the vehicle battery is fully discharged use the Emergency key to lock or unlock the vehicle.


Insert the Emergency key in the door lock and rotate fully towards the front of the vehicle, then release, to centrally lock the vehicle, disable the trunk lid and fuel flap release switches. **The alarm will not be activated.**





Unlocking and Opening


To centrally unlock the vehicle, enable the trunk lid and fuel flap release switches, rotate fully towards the rear of the vehicle, then release. If the vehicle was armed, the alarm will activate.

To deactivate the alarm insert the vehicle key (even if the vehicle key has lost all power) into the Ignition Control and move to position 'II' (ignition ON).

 If the vehicle battery is fully discharged the Emergency key will **only** lock or unlock a door.

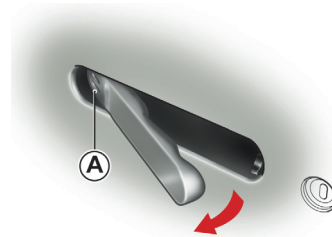
 If the vehicle key has lost all power it will start the engine if required.



 The front seats and door rear view mirrors will not move to a preset position if the vehicle is unlocked using the emergency key.


Point the vehicle key towards the vehicle and press the  button once to unlock the drivers door and disarm the vehicle. The direction indicators will flash twice, indicating that the alarm has been deactivated. Press twice to unlock the passenger door and enable the trunk lid catch and fuel flap release button.


 Stand within 16ft (5m) of the vehicle.


Push at point A and grab the emerging door release. Pull the door release to open the door.





 If preferred you can unlock all doors and enable the trunk lid and fuel flap release switches with one press of the  button (Refer to 'Personalization', page 2.19).

 For ease of use at night white LEDs are incorporated into the door handles. An LED will come ON in both door handles when the vehicle is unlocked. A door LED will go OFF once the door is opened. If a door is not opened the LEDs will go OFF after two minutes.

 If the vehicle has been opened using the spare key and the seats or door rear view mirrors have been adjusted, the seats and door rear view mirrors will move to the positions memorized by the key which is being used (Refer to 'Seat Memory Function', page 3.5).

 If the vehicle key is left in the Ignition Control while a door is open an audible warning will sound, until the vehicle key is removed.


 As the vehicle is unlocked, the interior lamps come ON for five minutes. The lamps will go OFF 30 seconds after doors are closed or when the vehicle is started.


 If the door is left open the door puddle lamp will go OFF after 30 seconds.

Unlocking From Inside the Vehicle


If Reduced Guard (Refer to 'Reduced Guard', page 2.12) or Automatic lock (Refer to 'Automatic Lock', page 2.10) was activated before the vehicle was locked, one pull of a door handle will centrally unlock the doors, a second pull of the door handle will open that door.

When opening a door from inside the vehicle after Reduced Guard has been made active, the vehicle alarm will sound.

Press the  button on the vehicle key to deactivate at any time during activation (there is approximately a ten second delay before the alarm is cancelled).


 **If the reduced guard button was not activated before locking the vehicle, deadlocking, interior movement (option) and tilt (option) sensors are enabled. Passengers will not be able to unlock a door from the inside (Refer to 'Reduced Guard', page 2.12).**

Locking

Make sure that both doors, the trunk lid and the hood are closed. Point the vehicle key towards the vehicle and press the  button **once** to lock the doors, disable the trunk and fuel flap release switches and set the vehicle alarm.


The direction indicators will flash once as the alarm is activated (Refer to 'Personalization', page 2.19).


The seats and door rear view mirror positions are memorized and will be recalled the next time the vehicle is opened using the same vehicle key (Refer to 'Seat Memory Function', page 3.5).


 **Do not leave the vehicle key in the trunk. If the trunk lid is closed there will be no access to the contents of the trunk.**

Master Lock Switch

! *If passengers are to stay in the vehicle after it has been locked, Reduced Guard must be activated before locking. This enables passengers to open the doors from inside the vehicle (Refer to 'Reduced Guard', page 2.12).*

 Stand within 16ft (5m) of the vehicle.

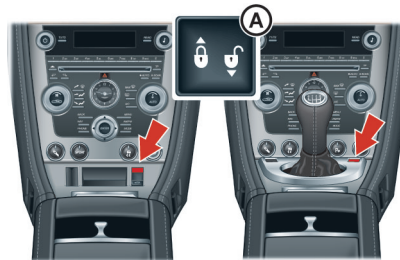
 The vehicle will arm and deadlock after 25 seconds (Refer to 'Deadlocking', page 2.10).

 If the vehicle is locked with the trunk lid open, the vehicle will lock and arm but deadlocking, tilt (option) and interior movement (option) sensors will not activate. Close the activate the complete alarm system.

Automatic Re-locking

If the vehicle is locked and then unlocked but a door or the trunk lid is not opened within two minutes, then the vehicle will automatically lock and arm again.


Doors, fuel flap and trunk lid release switches may be locked and unlocked by using the master lock switch (A). Press the switch to lock. Pull back on the switch to unlock.



If the vehicle is locked using the master lock switch, one pull of a door handle will centrally unlock the doors, a second pull of the door handle will open that door.

The master lock switch will not operate if the vehicle has been locked from the outside.

Operation of the master lock switch will override 'Automatic lock' (Refer to 'Automatic Lock', page 2.10).

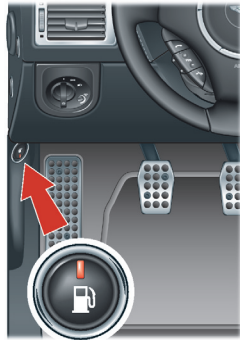
 One pull back on the master lock switch will also switch ON the LED in the door handles (for 10 seconds or until the door is opened). This may aid access for a passenger at night time.

 In the event of a vehicle accident the doors will automatically unlock.

Fuel Flap Release


Push the fuel flap release button to open the fuel flap.

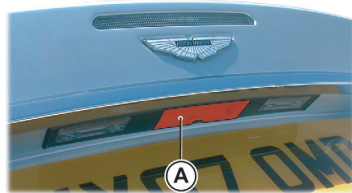
The fuel flap release is disabled when the vehicle is locked or when the vehicle moves off.





Trunk Lid

Trunk Lid Release

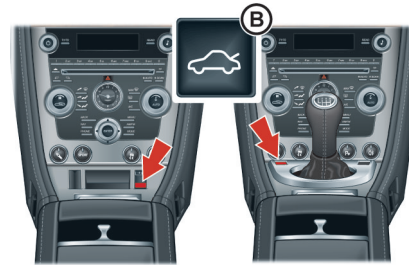
If the  button on the vehicle key is pressed **once** the trunk lid release catch will be enabled. With the trunk catch enabled press the trunk switch (A) and raise the lid.



If the  button on the vehicle key is pressed **twice** (within three seconds) the trunk catch will enable and release the trunk lid. Lift the lid.

 *If the vehicle is locked and armed the alarm system will be disabled and the direction indicators will flash twice (Refer to 'Personalization', page 2.19). The doors will stay locked.*


Trunk Lid Release Switch




Pull back on the trunk lid release switch (B). The trunk catch will release. Lift the lid.


Closing the Trunk Lid


Using the leather tab lower the trunk lid and make sure that the trunk catch engages.

Lock the trunk by pressing the  button on the vehicle key. The direction indicators will flash once as the alarm is activated (Refer to 'Personalization', page 2.19).

 *Always make sure that the trunk is securely closed after use. The trunk interior lamps will stay ON for 30 minutes if the trunk lid is left partially open.*

Vehicle Locked - Trunk Open

 ***Do not leave the vehicle key in the trunk. If the trunk lid is closed there will be no access to the contents of the trunk.***

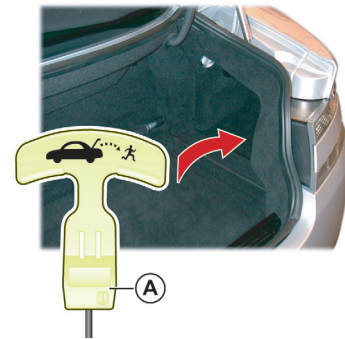
 *To use the battery conditioner (Refer to 'Battery Conditioner', page 11.32) the trunk has to be left open (trunk lid down but not latched).*

If the vehicle is locked while the trunk lid is open, the vehicle will lock and arm (deadlocking, tilt (option) and interior movement (option) sensors will not activate).

If the trunk lid is then closed (latched) deadlocking, tilt (option) and interior movement (option) sensors will activate and the whole vehicle will be locked and armed.

Trunk Emergency Release

The trunk lid can be opened from inside the trunk by pulling the luminous emergency release handle (A).



Deadlocking

! *If passengers are to stay in the vehicle after locking, the reduced guard switch must be activated before locking (Refer to 'Reduced Guard', page 2.12).*

The vehicle will automatically deadlock after 25 seconds after arming the vehicle. When the vehicle is deadlocked, the doors cannot be opened from the inside by pulling the interior door handle.

To open the doors activate the vehicle key.

Automatic Lock

When Automatic Lock is ON the central locking system will automatically lock the vehicle as it moves off. The doors and the trunk lid will lock. This function prevents unwanted access to the vehicle when stopped at traffic lights, etc.

Press **MENU** (A) and navigate to <Car settings...> (Enter) <Lock settings...> (Enter) <Automatic settings...>. Select <Doors auto lock> or <Doors auto unlock on key out>.

Press **ENTER** to toggle between ON (X) and OFF.

Then press and hold **BACK** to accept and return to the main screen.




<**Doors auto lock**> - Set to ON: Doors and the trunk lid automatically lock when the vehicle drives off. Set to OFF: Doors and the trunk lid will not lock when the vehicle drives off.

<**Doors auto unlock on key out**> - Set to ON: Doors and the trunk lid automatically unlock when the Vehicle Key is removed from the Ignition Control. Set to OFF: One pull of a door handle will centrally unlock both doors, a second pull of the door handle will open that door.

 *In the event of a vehicle accident the doors will automatically unlock.*

Approach Lighting

When approaching the vehicle the side lamps and interior lights can be activated by pressing the  button on the vehicle key.

The time that the side lamps stay ON is programmable (Refer to 'Personalization', page 2.19).


Homesafe


⚠ If Homesafe has been activated with the master lamp switch at position 3 (headlamps ON), the main beam will stay ON. Make sure that the master lamp switch is at position 1 before exiting (Refer to 'Master Lamp Switch', page 4.2).

When exiting the vehicle and the vehicle key has been removed, flash the main beam (pull the left stalk forwards and release without latching), to active Homesafe. The main beam and rear lamps will then stay ON for a determined amount of time and then extinguish. The time that the main beam and rear lamps stay ON is programmable (Refer to 'Personalization', page 2.19).

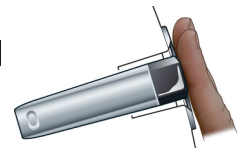
Alarm

On alarm activation a siren will sound for a 25 seconds cycle (ten cycles maximum) and the direction indicators flash for five minutes after which the security system returns to the armed state. The doors and trunk will stay locked throughout.

 Markets where visible alarm signals and audible sirens are permitted.

Deactivate the alarm at any time during activation by pressing the  button on the vehicle key or by inserting the vehicle key into the Ignition Control (position 'II').

There is approximately a ten second delay before the alarm is cancelled).



Interior Movement Sensor (Option)

When the vehicle is locked and armed the interior movement sensor will sense movement inside the vehicle. If movement is detected it will activate the vehicles alarm system (Refer to 'Reduced Guard', page 2.12).

Tilt Sensor (Option)

When the vehicle is locked and armed the tilt sensor will sense if the vehicle is tilted i.e., if the vehicle is being raised on a jack. If vehicle tilt is detected it will activate the vehicles alarm system (Refer to 'Reduced Guard', page 2.12).


Reduced Guard

! *If a passenger is to stay in the vehicle after it has been locked, Reduced Guard must be set to ON before locking. This allows a passenger to open the doors from inside the vehicle.*


When Reduced Guard is ON deadlocking, interior movement and tilt sensors¹ are disabled. This allows a passenger to open the doors from the inside by pulling the interior door handle and a passenger or animals to be left in the vehicle with the security system armed.

If a door is opened from the inside, while Reduced Guard is ON, the security system alarm will start.



Press the  button on the vehicle key to stop the alarm at any time (there is approximately a ten second delay before the alarm is stopped).

Reduced Guard is set by using the Car Settings menu.

Press **MENU** (A) and navigate to <Car settings...> (Enter) <Reduced guard...>. Select <Activate once> or <Ask on exit> and press **ENTER** to toggle between ON () and OFF. Then press and hold **BACK** to accept and return to the main screen.

¹ If installed on your vehicle.


<Ask on exit> - Set to ON: each time the vehicle key is moved from ignition ON to ignition position I or 0 the message 'Press ENTER to reduce guard until engine is started. Press EXIT to cancel' will show in the message centre (right). The message will time out after one minute and Reduced Guard will not come ON. Set to OFF: No message will show and Reduced Guard will not come ON.

<Activate once> - Set to ON: Reduced Guard will come ON for one time. Set to ON each time Reduced Guard is required. Set to OFF: Reduced Guard will not come ON.

Reduced Guard stays ON until the vehicle key is inserted in the Ignition Control and moved to position 'II' (ignition ON).

Passive Anti-Theft System (PATS)

The Passive Anti-Theft System (PATS) is a fully automatic engine immobilizer.

 *In the event of the loss of the vehicle key, a duplicate vehicle key can be created and programmed from the spare key by your Aston Martin Dealer.*

Starting the Engine

When the alarm system is disarmed and the vehicle key is in the Ignition Control, the PATS controller sends a signal to the vehicle key. The vehicle key must respond with a valid code before engine start will be enabled. If a valid code is received, the ignition system will operate normally.

If the vehicle key code is not received, or is invalid, engine start stays disabled.

PATS Status

The PATS system state is shown by the red symbol on the instrument cluster (A).



Ignition	Action (Valid code)
Position 'II' (ON).	Symbol comes ON for three seconds.
Position '0' and 'I' (OFF).	Symbol will flash.
OFF and vehicle key removed from the Ignition Control.	Symbol will flash for five minutes or one minute after the vehicle is locked using the vehicle key.

Fault Mode

If the status symbol continues flashing when the ignition is switched ON, the vehicle will stay immobilized.

Should this situation arise try removing and then inserting the vehicle key back to position 'II' in the Ignition Control. If this is unsuccessful try the spare key. If successful, source a replacement for the faulty vehicle key. If problems persist with the vehicle key, consult your Aston Martin Dealer.

Garage Door Opener

The Garage Door Opener (Homelink® Universal Transceiver) operating buttons and transceiver are located in the interior rear view mirror.

The transceiver can be programmed to transmit the radio frequencies of up to three different transmitters used to activate garage doors, entry gates, home lighting, security systems, or other radio frequency operated devices.

For information, or for assistance, contact your Aston Martin Dealer.

Alternatively contact Homelink directly at www.homelink.com or call the HomeLink Hot-line:


Toll-free: 1-800-355-3515


Warnings


*** Do not use the transceiver with any garage door opening system that lacks the safety stop and reverse feature as required by safety standards. A garage door opening system which cannot detect an object, signalling the door to stop and reverse, does not meet current safety standards. Using a garage door opening system without these features increases risk of serious injury or death.**


*** When programming the transceiver to a garage door opening system, make sure that people, the vehicle and objects are out of the way to prevent potential harm or damage as the gate or garage door will activate during the programming.**

! As a security precaution make sure that all programming is erased in the HomeLink system before selling this vehicle.


 A full list of radio frequency operated devices can be either obtained via the HomeLink Hot-line or through the HomeLink compatibility list which is provided on the HomeLink website.


 Keep the original transmitter for future use or programming procedures if, for example, you purchase a new vehicle.

 This device may suffer from interference if operated in the vicinity of a mobile or fixed station transmitter. This interference is likely to affect the hand-held transmitter as well as the in-vehicle transceiver.

 The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Programming

 Step 1 erases all programming. It only requires completing if programming Homelink for the first time or when erasing all existing programming. It does not have to be followed to program the other HomeLink buttons.


 The HomeLink buttons can be reprogrammed individually but not individually erased. Step 1 must be completed to erase all programming.

1. Press and hold the two outer HomeLink buttons, releasing only when the HomeLink LED begins to flash after 20 seconds.

All three buttons are now cleared. The HomeLink system is now in setting mode.

2. Hold the original remote control of the device to be programmed at a distance of 4-12 inch (10-30 cm) away from the HomeLink transmitter unit keeping the LED in view all the time.



 The distance between the remote control and the transmitter unit depends on the system being programmed. You may require several attempts at different distances. Maintain each setting position for at least 15 seconds before trying out another.

3. Using both hands, simultaneously push the remote control button and the desired button (1, 2 or 3).



4. The LED will flash, first slowly and then rapidly. When the LED flashes rapidly, release both buttons. The rapid flashing LED indicates successful programming of the new frequency signal.


Operation

The vehicle should be within the operating range of the gate or garage door opener and the ignition should be switched ON.

The HomeLink system operates the garage door opener (or other device) in exactly the same way as the original remote control.

When you have programmed the HomeLink system, press the appropriate button 1, 2, or 3 on the control panel to activate the garage door opener.

The LED will come ON when the button on the control panel is pressed.

 For convenience, the original remote control of the device may also be used at any time.

In the case of a standard code, the HomeLink LED is constantly ON throughout the transmission process. For use with compatible systems, no further action is necessary.



If HomeLink now does not operate the garage door opener (or other device), this may be because the original remote control has a rolling code feature (Refer to 'Rolling Code Synchronization', page 2.17).

Rolling Code Synchronization

Check, by going through the following steps, whether or not the garage door opener (or other device) is equipped with a rolling code feature.

- Look in the garage door opener manual for clarification
- The remote control appears to program HomeLink but HomeLink does not operate the garage door opener


- Press and hold down the programmed HomeLink button
With a rolling code system, the HomeLink LED flashes quickly for a short time and then stays ON constantly for two seconds. This pattern repeats itself for up to 20 seconds.

If HomeLink was programmed with a rolling code system, then after the end of the programming period it must be synchronized with this system again before it will function properly.

Follow the instructions below for Rolling Code Synchronization (the procedure will take less time with a second person to help).

The vehicle must be within operating range of the garage door opener with the ignition ON. Make sure you comply with the safety instructions even when synchronizing the rolling code.

1. Locate the Training button (programming button) on the garage door opener motor head unit. Exact location and color of the button may vary by gate or garage door opener brand (refer to the operating instructions of the garage door opener 'Training additional remote controls').
2. Press the Training button (programming button) on the garage door opener motor head unit (which will usually activate a 'training' light).

 Following step 2, there are typically 30 seconds in which to initiate step 3.

3. Firmly press and release the programmed HomeLink button. Press and release the HomeLink button a second time to complete the training process (Some garage door openers may require this procedure a third time to complete the training).


The garage door opener should now recognize the HomeLink signal and activate when the HomeLink button is pressed.

The last two buttons may now be programmed if this has not previously been done (Refer to 'Programming', page 2.15).

Reprogramming

If a HomeLink button has been programmed to activate a device, and you now wish to use this button to operate a different device, proceed as follows. This procedure will erase the existing programming of the respective HomeLink button.

1. Press the appropriate HomeLink button 1, 2, or 3 which requires reprogramming and keep holding it for about 20 seconds until the LED starts flashing slowly. Do not release until step 4 has been completed.
2. When the LED begins to flash slowly (after approximately 20 seconds), hold the remote control of the device you wish to train approximately 4-12 inch (10-30 cm) away from the HomeLink transmitter unit - keeping the LED in view.

 The distance between the remote control and the HomeLink transmitter unit depends on the system being learned. You may require several attempts at different distances. Maintain each setting position for at least 15 seconds before trying out another.

3. Now activate (press) the remote control and keep it pressed.
4. The HomeLink LED will flash, first slowly and then rapidly. When the LED begins to flash rapidly, release both buttons.

Personalization

A number of security functions can be personalized. The functions are set by using the Infotainment **SCREEN**.

- 1 **ON/OFF** - Infotainment centre ON and OFF
- 2 **SCREEN** - Presents options, menus and information.
- 3 **TUNING** - Alternative method for navigating through the menus. Turn left or right to navigate in the menus.
- 4 **MENU** - Opens the main menu.
- 5 **ENTER** - Select in the menu, activate a selection.
- 6 **JOYSTICK** - Navigate up or down in the menus
- 7 **BACK** - Navigate back in the menu, cancel a selection.



Selection

With the vehicle key in position 'I' or 'II' in the Ignition Control, press **MENU** and navigate to the required setting, press **ENTER**. Use the **JOYSTICK** to make a selection, press **ENTER** to accept.

Menu

1) Car settings...

- 1) Reduced guard...
 - 1) Activate once
 - 2) Ask on exit
- 2) Light settings...
 - 1) Lock confirm. light
 - 2) Unlock confirm. light
 - 3) Approach light duration...
 - 1) 30, 60 or 90 seconds
 - 4) Homesafe light duration...
 - 1) 30, 60 or 90 seconds
- 3) Lock settings...
 - 1) Automatic settings...
 - 1) Doors auto lock
 - 2) Doors auto unlock on key out
 - 2) Doors unlock...
 - 1) All doors
 - 2) Driver door, then all

4) Mirror settings...

- 1) Auto mirror fold flat enabled
- 2) Reverse mirror dip settings...
 - 1) Auto
 - 2) Passenger only
 - 3) Passenger and driver

5) Information...

- 1) VIN number...



ASTON MARTIN

Before Driving

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Checks Before Driving

Inspect your vehicle to make sure that everything is according to the information and specifications in this Owner's Guide.

Outside the vehicle:

- Visually check the road wheels, nuts and tires
- Check that all windows, mirrors and lamps are clear and unobstructed
- Check that the trunk lid, hood and fuel filler flap are securely closed
- Check the operation of all lamps

Once inside the vehicle:


- Check that the doors are securely closed
- Check that the seat, mirrors and steering wheel adjustments are correct
- Check that all gauges and indicators are reading correctly (Refer to 'Controls', page 4.1)
- Check that the seat backs are in an upright position and that the seat latch is engaged
- Check that all occupants have fastened their seat belts

Seat Controls

Warning

*** Do not attempt to adjust the seat whilst driving.**

The seats can be adjusted while the vehicle key is in the Ignition Control. Gently insert the vehicle key up to position '1' (press down until the instrument cluster and Infotainment centre lights come ON) and release.

 **The vehicle key must only be inserted into the Ignition Control with the two indents first, as shown. Attempting to insert the larger end first the key may damage the Ignition Control.**



They can also be adjusted:

- Up to six minutes after a door is unlocked and before the vehicle key is inserted into the Ignition Control
- Up to six minutes after the vehicle key is removed from the Ignition Control

If the seat operation times out:

- Place the vehicle key in the Ignition Control
- Close or open a door

The seat adjustment controls are located each side of the centre console (A).



ASTON MARTIN

Seat Head Restraints

The Driver and front Passenger seats include non-adjustable head restraints (A), which limit the rearward travel of the head in a rear impact and may reduce whip lash injuries.


When sitting in the seats make sure that the seat back is in an upright position and that the rear of the head is positioned in the centre of the head restraint area.

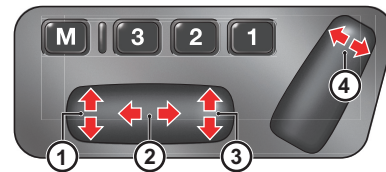
The head restraints are most effective when the distance between the rear of the head and the head restraint is kept to a minimum.



Seat Position

- 1 Raise or lower the **front** of the seat.
- 2 Move the seat **forwards** or **rearwards**.
- 3 Raise or lower the **rear** of the seat.
- 4 Increase or decrease the **angle of the seat back**.

 When making seat adjustments, i.e. moving the seat base rearwards, raising or lowering the seat base, the seat back will motor forwards whenever it approaches trim panels located behind it. If the seat back is tilted backwards the seat base will move forwards if the seat back approaches trim panels.



Seat Comfort

 The ignition must be ON before the heated seat and lumbar support can be operated.

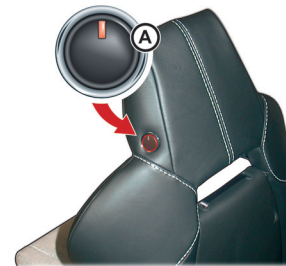
- 5 Press forwards or rearwards to increase or reduce the **lower lumbar support**.
- 6 Press forwards or rearwards to increase or reduce the **upper lumbar support**.


- 7 Press to the rear for the **lower heat setting**, press to the front for the **higher heat setting**. A LED shows which heat level is active. To switch OFF press to the centre position (LED OFF).

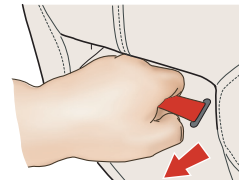


Seat Back Release

Press and hold in button A to release the seat back, once the seat has been moved forward release the button and manually move the seat back forwards.



 *In the unlikely event of power failure a manual release strap is provided in the seat back. Pull and hold the strap to release the seat back and then move the seat back forward.*

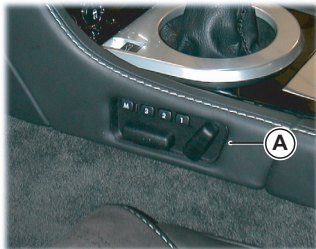


Warnings

- * *Make sure that there is nothing in front of, behind, or under the seat during adjustment.*
- * *To avoid injury, make sure that children do not play with the switches.*
- * *If the seat accidentally begins to move, press any seat control button to stop the seat.*

The position of the driver and front passenger seats can be memorized and recalled. Three different driving position profiles can be entered in the memory. The memory position of the driver's seat also includes both door rear view mirrors.


The Memory function buttons are located in the seat adjustment controls which are located each side of the centre console (A).



Setting a Preset Position

Warning

*** Do not attempt to adjust the seat whilst driving.**


 When making seat adjustments, i.e. moving the seat base rearwards, raising or lowering the seat base, the seat back will motor forwards whenever it approaches trim panels located behind it. If the seat back is tilted backwards the seat base will move forwards if the seat back approaches trim panels.

1. Adjust the seat and the door rear view mirrors to the desired position.
 - Seat adjustment (Refer to 'Seat Controls', page 3.2).
 - Mirror adjustment (Refer to 'Door Mirrors', page 3.9).

2. Push both the memory button (M) and the desired setting button (1, 2 or 3) simultaneously, then release, to memorize the configuration.

By repeating these steps and pressing an unused button (1, 2 or 3), a second and third driving position can be stored in the memory.




 When making adjustments to a set driving position, reset the new position in the same memory channel. The previous memory is erased when a new driving position is entered.

Recalling a Memorized Position

Once in the seat press and hold button 1, 2 or 3 (depending on which position required) until all movement is stopped. The seat and door mirrors (when adjusting the driver's seat) move to the programmed position. If the button is released all movement will stop, press and hold again to continue movement.

Memory Using the Vehicle Key

When the vehicle is locked using the vehicle key, the driver's seat and both door rear view mirrors will remember their positions. The next time the vehicle is opened using the same vehicle key, the seat and door rear view mirrors will move to the memorized position.

 *The seats and door rear view mirrors only move if the seats and mirrors have been moved, i.e. the spare vehicle key has been used to open or close the vehicle.*

Emergency Stop

If the seat accidentally begins to move, press any seat control button to stop the seat.

Steering Wheel

Reach and Tilt

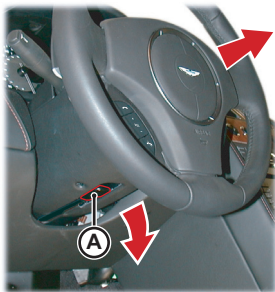
 **Warning**

- * **Do not adjust steering wheel whilst driving.**
- * **Make sure that the steering column is fully locked in position. The reach and tilt release lever must be fully up, in line with the steering column.**

Reach and tilt are adjusted by using the release lever (A).

Pull the release lever downwards and manoeuvre the steering wheel to the required position.

Hold the steering wheel in the required position and lock it by pulling the release lever up.



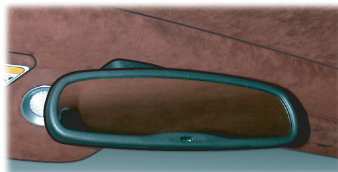
Interior Mirrors

Rear View Mirror

Adjust on its ball mounting until a satisfactory rear view is obtained.

Automatic Dimming

The rear view mirror will dim automatically if the glare from the headlamps of following vehicles becomes too bright.

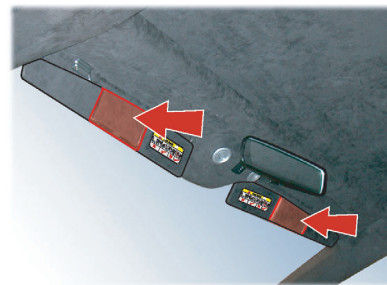


The mirror will return to normal view as unwanted glare reduces to an acceptable level.


If the mirror is dimmed when reverse gear is selected the mirror will revert to normal view.

Vanity Mirror


A vanity mirror is located in each sun visor.



Door Mirrors

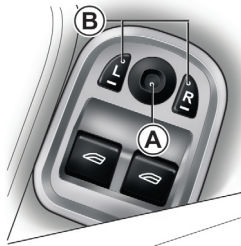
 The vehicle key must be at position 'I' or 'II' in the Ignition Control before the door mirrors can be adjusted.

To adjust the door mirrors select the left or right mirror (B).

 An amber LED indicates the active mirror.

Then move the joystick (A) up, down, left or right to adjust the selected mirror.

When the heated rear window is activated the heaters in the door mirrors will activate for 6.5 minutes.



Power Fold Door Mirrors

The Power Fold mirror function rotates the door mirror assemblies until folded flat against the doors (folded).

Insert the vehicle key to position 'I' or 'II' in the Ignition Control.

Move the mirrors to the folded position by pressing down and releasing both the left and right mirror select switches (B) together. The mirrors will motor to the folded position. Repeat to motor the mirrors back to the driving position.

Auto Fold


When this vehicle is locked using the vehicle key the mirrors will automatically fold in flat against the doors.

They return to the driving position once the vehicle key has been inserted into the Ignition Control.


To Set Auto Fold ON and OFF

Press **MENU** (C) and navigate to <Car settings...> (Enter) <Mirror settings...> (Enter) <Auto mirror fold flat enabled>.

Press **ENTER** to toggle between ON (X) and OFF. Then press and hold **BACK** to accept and return to the main screen.

 If the mirrors have been folded using the Power Fold function then the mirrors will stay folded until placed in the driving position using the Power Fold function again.



 Door mirror vibration can occur if the mirrors have been moved manually (folded or unfolded), either intentionally or accidentally. To reset the linkage operate the power fold function once to fold or unfold the mirrors.

Reverse Dip

This function provides a superior view of the rear of the vehicle while reversing.

When reverse gear is selected:


Automatic Mode - When reverse gear is selected the door mirrors automatically move to the first preset dip position. If the mirror requires further lowering, press down and release the joystick again. If the mirror is lowered too far, press the mirror joystick up and release.

Manual Mode - Press down and release the mirror joystick (A). This will lower the door mirrors to preset position 1 dip. If the mirror requires further lowering, press down and release the joystick again. If the mirror is lowered too far, press the mirror joystick up and release.

In Manual or Automatic mode the mirrors return to driving view when reverse gear is de-selected or when either mirror button (B) is pressed.

Reverse Dip Settings

Press **MENU** (C) and navigate to <Car settings...> (Enter) <Mirror settings...> (Enter) <Reverse mirror dip settings...>. Select <Auto (reverse gear selected)>, <Passenger only> or <Passenger and driver>.

Press **ENTER** to toggle between ON () and OFF. Then press and hold **BACK** to accept and return to the main screen.

<**Auto**> - If set to ON: The door mirrors dip automatically when reverse gear is selected. If set to OFF: The door mirrors stay in manual mode.

<**Passenger only**> - Only the Passenger door mirror dips.

<**Passenger and driver**> - Passenger and Driver door mirrors d

Memory Mirrors

The position of the driver and passenger door mirrors and seats can be memorized and recalled.

Details on memory door mirrors can be found in Memory Seats (Refer to 'Seat Memory Function', page 3.5).

Restraints System


The Restraints System provides an improved overall level of frontal crash protection to the front seat occupants and is designed to help further reduce the risk of airbag-related injuries. The system is able to analyze different occupant conditions and crash severity before activating the appropriate safety devices to help better protect a range of occupants in a variety of frontal crash situations.

A collection of crash sensors provide information to the Restraints Control Module (RCM). During a crash, the RCM may or may not activate the safety belt pre-tensioners or either none, one, or both stages of the dual-stage airbag supplemental restraints based on crash severity and conditions.

The fact that the pretensioners or airbags did not activate for both front seat occupants in a collision does not mean that something is wrong with the system.

Rather, it means the system determined the accident conditions (crash severity, belt usage, etc.) were not appropriate to activate these safety devices. Frontal airbags are designed to activate only in frontal and near-frontal collisions, not rollovers, side-impacts, or rear-impacts unless the collision causes sufficient longitudinal deceleration.

The system consists of:

- Driver and passengers safety belts with pretensioners and load limiting systems
- Driver and front passenger safety belt usage sensors
- Driver and front passenger dual-stage airbags
- Driver and front passenger side airbags
- Driver and front passenger seat position sensors
- Crash severity sensors
- Restraints Control Module (RCM)
- Restraint system warning symbol 

Dual-Stage Airbags

When activated, the airbags will deploy at either a normal or reduced level of inflation, depending on crash severity. Various sensors determine the direction and severity of an impact. The system analyses this information then deploys the appropriate airbags only.

Seat Position Sensors

Seat position sensors determine the position of the driver and front passenger seats. The information is used to tailor the airbag deployment activation depending upon seat position.

The system is designed to help protect smaller drivers sitting close to the driver airbag by providing a lower airbag output level.

Pre-tensioner and Load Limiting Systems

The driver and front passenger seat belts are equipped with pre-tensioner and load limiting systems.

In most moderate frontal or near frontal accidents, the front airbag and pre-tensioner systems will deploy simultaneously.



In some moderate frontal or near frontal accidents, only the pre-tensioner system will deploy.

The pre-tensioners take up slack in the seat belts as the airbags are expanding. The load limiting system releases belt webbing in a controlled manner to reduce belt force on the occupant's chest.

Front Safety Belt Usage Sensors


Safety belt usage sensors detect whether or not the driver and front passenger safety belts are fastened. The information is used to tailor the airbag deployment and safety belt pre-tensioner activation depending upon safety belt usage.

Crash Severity Sensors


Crash severity sensors enhance the ability to detect the severity of an impact. Positioned up front, they provide valuable information early in the crash event on the severity of the impact. This allows the Restraints System to distinguish between different levels of crash severity and modify the deployment strategy of the dual-stage airbags and safety belt pretensioners.

Restraints Control Module

The Restraints Control Module (RCM) monitors its own internal circuits and the circuits for the airbag supplemental restraints, crash sensor(s), safety belt pretensioners, safety belt buckle sensors, and seat position sensors.

In addition, the RCM also monitors the restraints warning symbol in the instrument cluster. 

Determining if the System is Operational

 The warning symbol in the instrument cluster indicates the condition of the system.

A difficulty with the system is indicated by one or more of the following:

- The warning symbol will flash or stay ON
- The warning symbol does not come ON immediately after the ignition is switched ON

If either of these conditions occur, even intermittently, have the restraint system serviced at your Aston Martin Dealer immediately. Unless serviced, the system may not function properly in the event of a collision.

Seat Belts

Aston Martin strongly recommend the use of seat belts.

Warnings

** Wearing your seat belt is crucial to your safety. Not wearing a seat belt increases chance of serious injury or death in the event of an accident.*

** Be sure that you and your passengers always fasten their seat belts and use them properly even though airbags are provided.*

** Reclining the seat back decreases protection provided by the seat belt in the event of a crash. Adjust the seat back to an upright position.*

** Make sure that the seat back is locked in place. Otherwise it could move forward in the event of a sudden stop or crash and cause injury.*

** Seat belts are designed to bear upon the bony structure of the body, and should be worn low across the front of the pelvis, chest and shoulders; wearing the lap section of the belt across the abdominal area must be avoided.*

** Never place shoulder portion of belt under your arm or behind your back.*

** Always remove from your pockets rigid or breakable objects, i.e. spectacles or a mobile phone, which could be trapped under seat belts, possibly causing injury in the event of an accident.*

** Expectant mothers should seek medical advice on the most appropriate way to wear the seat belt.*

** Seat belts must be kept clean so that the retractor works correctly. Make sure that belt webbing is not twisted, looped, frayed or obstructed in any way. If in doubt about condition or operation of seat belt installation, have it checked by your Aston Martin Dealer.*

** No modifications or additions should be made by the user which will either prevent seat belt adjusting devices from operating, or prevent seat belt assembly from being adjusted to remove slack. Never install accessories on your seat belts.*

** Seat belts should be adjusted as firmly as possible, consistent with comfort, to provide the protection for which they have been designed. A slack belt will greatly reduce the protection afforded to the wearer.*

** Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals, and particularly with battery acid. Cleaning may safely be carried out using mild soap and water. The belt should be replaced if webbing becomes frayed, contaminated or damaged.*

** Seat Belts should not be worn with straps twisted.*


** It is essential to replace the entire seat belt assembly after it has been worn in a severe impact even if damage to the seat belt assembly is not obvious.*

** No modifications or additions should be made by the user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat belt assembly from being adjusted to remove slack.*

** Each belt assembly must only be used by one occupant; it is dangerous to put a belt around a child being carried on the occupants lap. Do not put an adult seat belt around two children.*


** When installed, the seat belt webbing must not contact any sharp edges which could abrade or cut the webbing during normal use or in an accident. If necessary, the webbing must be protected.*

This vehicle is installed with four, three point, inertia reel seat belts.

 Items 1, 2 and 3 indicate the three points of the seat belt. Item 3 is also the location of the belt buckle.


The inertia belt reels will automatically tension the belts to provide security with comfort. In the event of a collision or during severe braking, the belt reels will lock.



 A warning symbol in the instrument cluster will come ON for six seconds (approximately) when the ignition is switched ON if the driver's seat belt is not fastened. An audible warning will sound at the same time₁.

₁. Market area dependant

Seat Belt Fastening

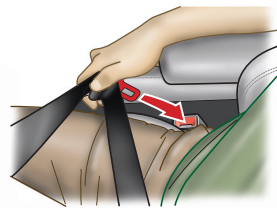
 When parked on an incline, the seat belt may lock as it is withdrawn. This is not a fault. If the mechanism locks, release the belt tension and then pull the belt very gently to avoid operation of the inertia lock.

Pull out the seat belt, drawing the tongue over the shoulder and across the chest.



Push the tongue into the belt buckle latch until a positive click is heard.

Pull upwards on the diagonal belt to make sure of a secure latching and to remove all slack from the belt.



Finally, double check that the lap belt is installed snugly, low down across the hips, and that there are no twists.



If it is necessary for an occupant to adjust their seat or seating position during a journey, the belt tension might be disturbed. The occupant should therefore (as soon as it is safe to do so) gently pull down the shoulder run of the seat belt to create some slack and then immediately release it to re-tension the belt for the new seating position.

Seat Belt Unfastening

Depress the button on the buckle. While holding the seat belt tongue allow the belt to slowly retract to its stored position.



Seat Belt Fastening (Child)

Make sure that there is no slack in the webbing and the restraint fits the child snugly across the rib cage and hips. These are the parts of the body most able to take the force of impact.

The lap strap should pass across the top of the child's thighs, bearing on the pelvis, not on the abdominal area.



ASTON MARTIN



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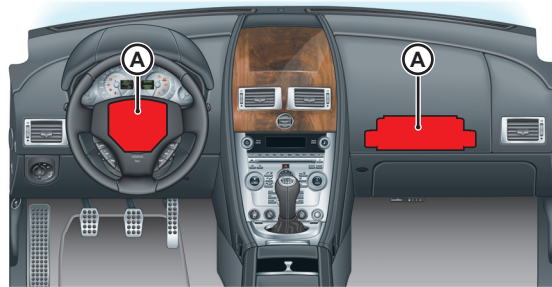
Airbags

Supplemental Restraints System (SRS)

The vehicle is equipped with driver and front passenger airbags. The airbags and seat belt pre-tensioners are electrically controlled by the Restraints system (Refer to 'Restraints System', page 3.11).

The front airbags (A) only deploy in a serious frontal collision. The side airbags (B (one airbag in each front seat)) only deploy according to which side has been impacted in a serious side collision.

The purpose of the driver and front passenger airbags is to provide **additional** protection for the front seat occupants in the event of a serious impact (frontal or side impacts). The airbags are supplementary to the seat belts.



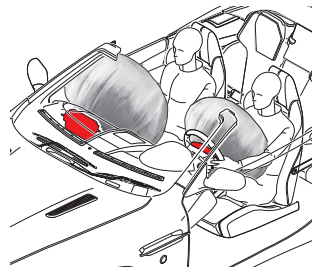
Important airbag safety labels are located on the sun visors and on the end of the instrument panel (passenger side). Make sure that the instructions on these labels are read and complied with prior to driving the vehicle.

Airbag Deployment

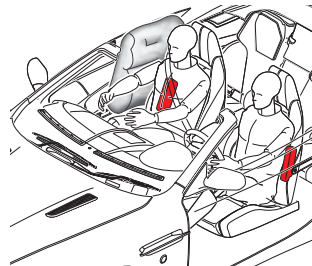
Airbags inflate rapidly and with considerable force, there is therefore a risk of death or serious injury such as fractures, facial and eye injuries or internal injuries, particularly to occupants who are not properly restrained by seat belts or are not sitting correctly when the airbags deploy. The risk of injury from a deploying airbag is greatest close to the trim covering the airbag.

The whole sequence of events from sensing the impact to full inflation of the airbag takes place in a fraction of a second.

Front Airbags - on a frontal impact.



Side Airbags - on a side impact (where the impact is on that side only).



Warnings

- * Do not use accessory seat covers. The use of accessory seat covers may prevent the deployment of the side airbags and increase the risk of injury in an accident.*
- * All occupants, including the driver, should always wear seat belts, whether or not an airbag is provided, to decrease the risk of injury or death in the event of a crash.*
- * No objects whatsoever should be attached to the centre cover of the steering wheel or the passenger fascia panel. Such objects could cause harm if the vehicle is in a collision severe enough to cause the airbags to deploy.*

Do not change, modify or tamper with the steering wheel, passenger side fascia or any other part of the airbag system. Such actions could disable the system or cause inadvertent airbag deployment.

The system will not deploy in the event of minor frontal or side impacts, such as contacts when parking. The airbag system is not designed to protect against rear impacts.

The noise and gas associated with the deployment of the airbags is not injurious to health.

Any work on the airbag system must only be carried out by an Aston Martin Dealer.

Child Seats and Passenger Airbags

Warning

*** Extreme Hazard: Do not use a rearward facing child restraint on a seat protected by an active airbag in front of it.**

Aston Martin strongly recommend not to install any child seat on the front passenger seat of this vehicle.

In the event of a serious frontal or side collision the vehicle airbag system is designed to deploy, to provide **additional** protection for the front seat occupants.

If a forward facing child seat is to be used in the front passenger seat, follow the child seat manufacturer's instructions to secure the child seat and **move the passenger seat to its rearmost and lowest position.**


Advanced Restraints System

The Advanced Restraints System provides the following, in addition to the Restraints System.

Front Passenger Sensing

Front passenger sensing is designed to meet the regulatory requirements of Federal Motor Vehicle Safety Standard (FMVSS)208 and is designed to disable the front passenger's front airbag under certain conditions.

The system works with sensors which are installed in the front passenger's seat. The sensors are designed to detect the presence of a properly seated occupant and determine if the front passenger's front airbag should be enabled or disabled.

 If it is necessary to modify the Advanced Restraints system to accommodate a person with disabilities, contact your Aston Martin Dealer at the phone number shown in the Dealer Directory of this Owner's Guide.

Front passenger sensing will **disable** the front passenger's front airbag if:

- The front passenger seat is unoccupied
- A child is present or a child is present in a child seat which is installed according to the manufacturer's instructions
- A front passenger takes their weight off of the seat for a period of time


If the front passenger seat is occupied and the sensing system has turned the passenger's front airbag OFF, the PASS AIRBAG OFF symbol (A) will come ON and stay ON to show that the front passenger front airbag is inactive.





**PASS
AIRBAG OFF**

Front passenger sensing will **enable** the front passenger's front airbag anytime the system senses that a person of adult size is sitting properly in the front passenger seat.

Passenger Seat	Airbag	PASS AIRBAG OFF Symbol
Empty	Not Active	OFF
Child + Child seat	Not Active	ON
Adult	Active	OFF

 In some cases a small child placed in a child seat will not activate the PASS AIRBAG OFF symbol. If this occurs the passenger airbag status will be as described above for an empty seat, i.e. passenger seat airbag 'Not Active' but the PASS AIRBAG OFF symbol will not come ON.

 The passenger sensing system may detect small or medium objects placed on the seat base. For most objects which are on the passenger seat, the passenger front airbag will be disabled. Even though the passenger airbag is disabled, the PASS AIRBAG OFF symbol may or may not come ON according to the table above.

 The PASS AIRBAG OFF symbol will come ON for a short period when the ignition is switched ON to confirm it is functional.

Seating Position

Warnings

** Even with the Advanced Restraints System, children aged 12 and under should be properly restrained in the back seat.*

** Always sit upright against your seat back, with your feet on the floor. Sitting improperly, out of position or with the seat back reclined too far can take off weight from the seat base and affect the decision of the front passenger sensing system, resulting in serious injury or death in a crash.*

** Improper installation of a child seat may cause the Passenger Sensing system to leave the front airbag active. Always make sure that child seats are correctly installed on the seat. Read the child seat manufacture's installation instructions.*

After all occupants have adjusted their seats and put on safety belts, its very important that they continue to sit properly. A properly seated occupant sits upright, leaning against the seat back, and centered on the seat cushion, with their feet comfortably extended on the floor. Sitting improperly can increase the chance of injury in a crash event. For example, if an occupant slouches, lies down, turns sideways, sits forward, leans forward or side ways, or puts one or both feet up, the chance of injury during a crash is greatly increased.

If a person of adult size is sitting in the front passenger's seat and the PASS AIRBAG OFF symbol is ON, it is possible that the person isn't sitting properly in the seat.

If this happens:

1. Switch the ignition OFF. Ask the person to place the seat back in the full upright position.
2. Have the person sit upright in the seat, centred on the seat cushion, with the person's legs comfortably extended.
3. Start the vehicle and have the person stay in this position for about two minutes. This will allow the system to detect that person and enable the passenger's front airbag.
4. If the PASS AIRBAG OFF symbol stays ON even after this, the person should be advised to ride in the rear seat.

⚠ Warnings

**** Do not stow objects in seat back document pocket, the seat base front pocket or hang objects off seat back if a child is in the front passenger seat.***

**** Do not place objects underneath the front passenger seat or between the seat and the center console.***

**** Check the PASS AIRBAG OFF indicator symbol for proper airbag status.***

**** Failure to follow these instructions may interfere with the front passenger seat sensing system.***

If you think that the status of the PASS AIRBAG OFF symbol is incorrect, check for the following:

- Objects
 - Lodged underneath the seat
 - Between the seat cushion and the center console
 - Hanging off the seat back
 - Stowed in the seat back document pocket
 - Placed on the occupant's lap
- Cargo interference with the seat
- Other passengers pushing or pulling on the seat
- Rear passenger feet and knees resting or pushing on the seat

These conditions may cause the weight of a properly seated occupant to be incorrectly interpreted by the front passenger sensing system. The person in the front passenger seat may appear heavier or lighter due to the conditions described.

If the PASS AIRBAG OFF symbol is ON, do the following:

The driver and adult passengers should check for any objects that may be lodged underneath the front passenger seat or cargo interfering with the seat.

If objects are lodged or cargo is interfering with the seat take the following steps to remove the obstruction:

1. Switch the ignition OFF.
2. Check for any objects lodged underneath the front passenger seat or cargo interfering with the seat.
3. Remove the obstruction(s) (if found).
4. Start the vehicle.
5. Wait at least two minutes and verify that the PASS AIRBAG OFF symbol is no longer ON.

If the PASS AIRBAG OFF symbol stays ON, this may or may not be a problem due to the front passenger sensing system.

Do not attempt to repair or service the system. Take the vehicle immediately to the nearest Aston Martin Dealer.

 **Warning**

*** Any alteration or modification to the front passenger seat may affect the performance of the front passenger sensing system.**

Determining if the System is Operational

The warning symbol in the instrument cluster indicates the condition of the system.

A difficulty with the system is indicated by one or more of the following:

- The warning symbol will either flash or stay ON
- The warning symbol will not come ON immediately after the ignition is switched ON

If either of these conditions occur, even intermittently, have the restraint system serviced at your Aston Martin Dealer immediately. Unless serviced, the system may not function properly in the event of a collision.

Child Safety


A child, regardless of age, should always be restrained when travelling in a vehicle.

Warnings

** Do not allow children to travel in a vehicle without restraint. An appropriate child seat or harness should always be used.*

** Each seat belt assembly must be used by only one occupant. It is dangerous to put a seat belt around a child being carried on the occupants lap.*

** Accident statistics show that children are generally safer when properly restrained in the rear seat than in the front seat. A suitable child restraint, properly installed and used, provides the highest degree of protection for infants and small children in most accident situations.*

 Make sure that an installed child seat does not rest against the door, that the child sits properly in the seat and does not lean close to, or against, the door or window.

Child Seats and Passenger Airbags

Warning

** Extreme Hazard. Do not use a rearward facing child restraint on a seat protected by an active airbag in front of it.*

Aston Martin strongly recommends not to install any child seat on the front passenger seat of this vehicle.

In the event of a serious frontal or side collision the vehicle airbag system is designed to deploy, to provide **additional** protection for the front seat occupants.

If a forward facing child seat is to be used in the front passenger seat, follow the child seat manufacturer's instructions to secure the child seat and **move the passenger seat to its rearmost and lowest position.**

Warnings

** Do not seat a child aged 12 or younger, or weighing 79.4 lb (36 kg) or less in the vehicle without an appropriate child seat or booster cushion. Please confirm that any child seat or booster cushion you may fit in the vehicle has been designed for use in this model, and that it conforms to local market requirements.*

** Aston Martin has not tested any child restraint systems for this vehicle, and does not recommend any specific child restraint system.*

** The front passenger airbag must be deactivated when using a child seat in the front passenger seat. Always check the status of the front passenger airbag (Refer to 'Front Passenger Sensing', page 3.20).*

Use of Child Safety Seats

Child safety seats must be in conformity with Federal Motor Vehicle Safety Standard 213. Look for the statement on the box and seat.

Look for the following when selecting a child restraint system:

- It should have a label certifying that it meets the applicable Motor Vehicle Safety Standards
- Carefully read the instructions supplied with the restraint. Be sure you understand them and can install and use the device properly and safely in the vehicle

- Make sure that the child restraint system is appropriate for the child's weight and development. The label required by the standard or regulations, or instructions for infant restraints, usually provide this information
- An infant or child that is not properly restrained can be seriously injured or killed in a crash. Seat belts are designed for adults and larger children; infants and smaller children must be restrained in an approved child safety seat.
- Children could be endangered in a crash if their child restraints are not properly secured in the vehicle.

If you choose to use a child safety seat, follow the manufacturer's instructions. Never hold a baby or child on your lap while riding in the vehicle.

Automatic Locking Retractors (ALR)

This vehicle has Automatic Locking Retractor (ALR) seat belts installed to the front passenger seat and the rear seats.

This system is designed to securely hold child seats. The ALR system temporarily locks the seat belt that is securing a child seat.

Warning

**** Always follow the child seat manufacturer's instructions. Not following the child-seat manufacturer's instructions when installing the child seat is dangerous.***


ALR Operation

Gently pull out the relevant inertia reel seat belt until fully extended. The ALR system will only engage at the maximum extension point of the seat belt.

Thread the belt tongue through the child seat as instructed by the child seat manufacturer. Engage the tongue into the belt buckle.

Adjust the tongue position on the belt if necessary to make sure that the lower belt run is tight and then allow the upper run of the seat belt to fully retract until the child seat is securely held. The ALR system will be heard 'clicking' as the seat belt retracts. When fully retracted, pull down on the upper run of the belt to check that the ALR lock has engaged.

To remove the child seat, release the belt as normal and allow it to retract through the seat frame.

 *When parked on an incline, the belt may lock as it is withdrawn. This is not a fault. If the mechanism locks, release the belt tension and then pull the belt very gently to avoid operation of the inertia lock.*

The ALR system will disengage when the belt is fully retracted. The belt may then be worn when required as a normal inertia reel belt. Once the ALR is disengaged, the belt must be fully extended to re-engage the system on the next occasion that a child seat is installed.

Tether Anchorages

A tether is a strap that connects the top of a child seat to a tether anchor point on the vehicle to reduce excessive movement of the child seat in the event of a collision.

The purpose of a tether strap is to provide **additional** protection for the child seat occupant in the event of a serious impact. The tether strap is supplementary to the seat belts. Your vehicle has a tether anchor point for each passenger seat.

Warnings

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

** An infant or child that is not properly restrained can be seriously injured or killed in a crash. Seat belts are designed for adults and larger children; infants and smaller children must be restrained in an approved child safety seat.*

** Always follow the child seat manufacturer's instructions. Not following the child seat manufacturer's instructions when installing the child seat is dangerous.*

Correct Assembly of Tether Anchorages

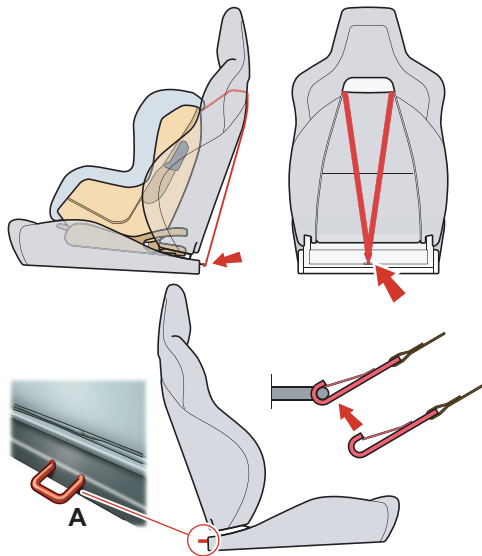
Front Passenger Seat

A tether anchor point is located at the base, rear of the front passenger seat (A).

Move the seat forward to access the tether anchor point. Route the tether strap through the aperture in the seat back as shown.

Engage the tether clip to the anchor point at the bottom of the passenger seat back (A) and make sure that the locking spring has fully closed to prevent accidental disengagement.

Always make sure that the tether strap length is adjusted to remove any slack.



Rear Passenger Seats

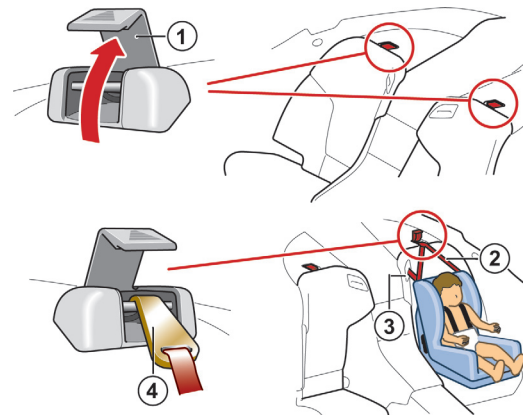
(2+2 Seating Only)

Tether anchor points are located behind the top of the rear seats.

Engage the attachment clip in the orientation shown and make sure that the locking spring has fully closed to prevent accidental disengagement of the tether strap.

Always make sure that the tether strap length is adjusted to remove any slack.

- 1 Tether anchor point
- 2 Tether strap
- 3 Seat belt
- 4 Attachment clip



Deployable Rollbars (Volante)

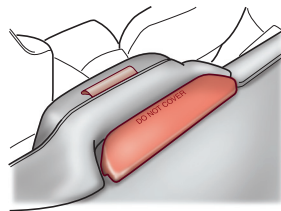
Warnings

- * Do not place any objects on the top of the deployable rollbar covers behind the rear seat backs.*
- * Do not allow any person to sit on the deployable rollbar covers at any time.*
- * Do not attempt to service or modify the deployable rollbar system.*
- * Do not attempt to reset the deployable rollbar system if it deploys.*
- * If the Roof is closed and the deployable rollbars deploy they will break through the rear glass.*

The deployable rollbar system comprises an electronic roll sensor unit integrated into the main crash sensor and two 'U' shaped roll bars, concealed behind the rear seat (Refer to 'Deployable Rollbars', page 6.9).

If the deployable rollbar system has been deployed, proceed to your nearest Aston Martin Dealer to check for any damage and to reset the system.

Warning Labels



The following warning labels are located on the deployable rollbar system.

- 1** 'Rollbar'
- 2** 'Do Not Cover'

Interior Storage

Glovebox

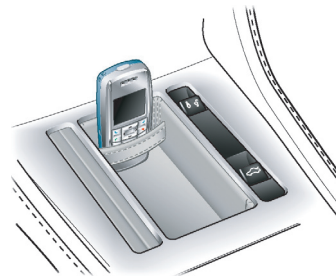
Press the glovebox button (A) to open. Push up to close.

 *Vehicle Guidebook storage location.*



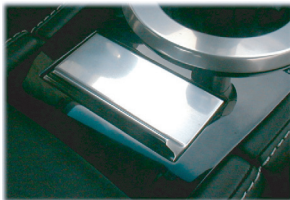
Trinket tray, including mobile phone pocket, coin or credit card holder

(Automatic transmission only).



Trinket box

(Non smoking option).
Lift the lid to open.



Armrest cubby box

Including iPod, USB ports, an auxiliary socket and an accessory socket.



Cup holder

A Cup holder is provided in the Armrest Cubby box. The holder rotates through 180°.

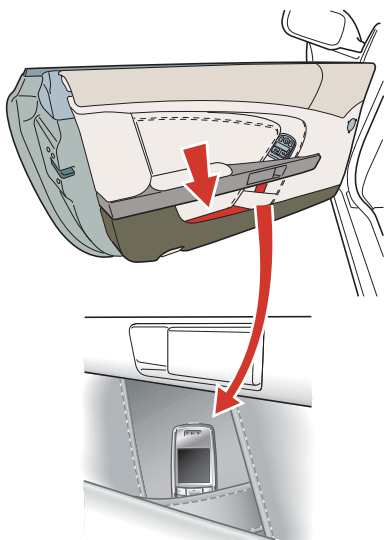
Warnings

** Only use the cup holder when safe to do so.*

** Do not place hot drinks in the cup holder while the vehicle is in motion. There is a risk of scalding.*

** Use soft cups only. Hard cups and objects can cause personal injury in a collision.*




**Door pockets,
including mobile
phone pocket****Seat Pockets**

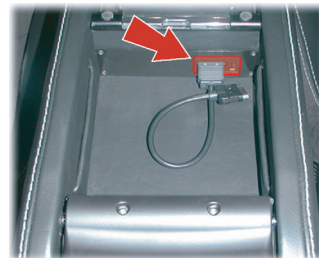
! *Do not place items in the seat pockets if using a child restraint on the same seat (Refer to 'Advanced Restraints System', page 3.20).*

**Media Devices**

A dedicated Apple iPod¹ player port is provided in the armrest cubby box, along with a USB port for the connection of USB storage devices and an auxiliary socket for other media devices.

 *iPod batteries and USB devices which require a power source are charged while connected.*


After connecting the Apple iPod or other music device it can then be operated via the vehicle audio system (Refer to 'iPod and USB Connection', page 8.29).



¹ iPod is a trademark of Apple Inc.

Accessory Sockets

Music devices connected using the Auxiliary socket will not be operated by the vehicle audio system (Refer to 'Auxiliary Functions', page 8.32) or have their batteries charged.

 A music device, connected by the auxiliary socket, can be powered using the accessory socket mounted in the armrest cubby box.

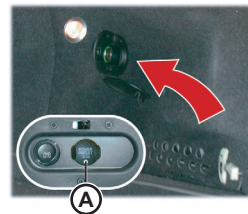
Warnings


*** Damage to electrical circuits will result if more than 10 amps is drawn from the accessory socket.**

*** Only connect accessories which are designed for use in a motor vehicle.**

*** Prolonged use of accessory socket when vehicle is stationary may seriously discharge battery.**

Accessory sockets are mounted in the armrest cubby box and trunk right sidewall (A) and may be used to power any 12 volt vehicle accessory requiring a current of less than 10 amps. The trunk mounted accessory socket is a constant live.



 On vehicles installed with the non-smoking option a second accessory socket is provided in the trinket box.

Read the manufacturer's instructions and make sure that you do not connect any device which would exceed current rating of the accessory socket.



Ashtray and Cigar Lighter (Option)

The cigar lighter may be used when the vehicle key is in position 'I' or 'II' in the Ignition Control. Push down until it clicks. The lighter will pop up when ready for use.



Remove the ashtray by opening the lid and pulling the glass tray upwards. Install the tray by placing it into position and push down.



⚠ Warning

*** The cigar lighter is heated to 'Red Heat' when in use. Take care to avoid burns. Do not allow children to play with the cigar lighter.**

Electric Windows

⚠ Warning

*** Misuse of the window switches, especially by children, can result in injury due to entrapment in the window closure. Drivers must advise all occupants of the possible danger and make sure that all obstructions are clear before raising the window.**

To raise and lower the windows the vehicle key must be at position 'I' or 'II' in the Ignition Control.

📖 Volante Only. Due to wind pressure when traveling at very high speeds the door windows may not close correctly.

📖 The windows can be operated up to one minute after the vehicle key is removed from the Ignition Control.

Lower - Lightly press and release the window switch (A) to lower the window in stages. Press firmly and release to lower the window with one touch.

Raise - Pull back and hold to raise the window in one movement. Pull back and release the window switch (A) to raise the window in stages.

If power to the electric windows has been interrupted for any reason, they will fail to operate correctly until reset (Refer to 'Headlamp Alignment', page 11.45).



Door Sealing

Warning

*** Make sure that all occupants are clear when the window mechanism is operating.**


To minimize wind noise and make sure of a watertight window seal a door sealing system is used to be sure of a tight fit of the door glass to the seals around the top of the door opening.

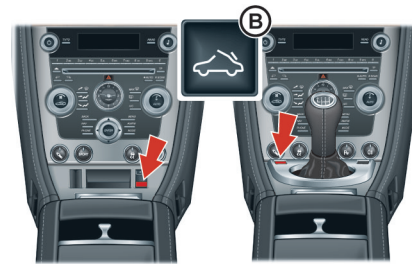
When a door is opened, the window glass automatically lowers a few millimeters to clear the door seal. As the door is closed, the window glass automatically, after a pause, raises against the body frame rubber seals.

Rear Quarter Windows

Volante Only

When the Roof is fully raised or fully lowered the rear quarter windows can be raised and lowered independently of the Roof.

 *The door windows also raise and lower with the rear quarter windows. When the Roof switch is released use the door window switches to raise or lower the door windows.*



To raise or lower the rear quarter windows push and hold the Roof switch (B):

- Push forwards if the Roof is fully raised



- Push rearwards if the Roof is fully lowered

Release the switch and push again to change direction.



When lowering the window press the Roof switch forwards and release for 'One touch' operation.

When raising the rear quarter windows, if the door windows were also lowered they will stop rising when half way up until the rear quarter windows are fully raised, then continue. If the door windows are to stay half raised, keep the Roof switch pressed until the rear quarter windows are fully raised then release.

Reading Lamps

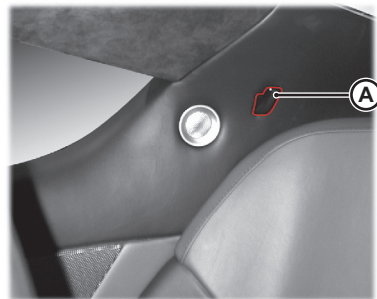
Both reading lamps are controlled by the individual switches mounted on the Center Stack (A).

Unless switched OFF and ON at 'A' they will continue to operate up to four minutes after the ignition is switched OFF.



Coat Hooks

Coat hooks (B) are provided in the rear environment (one each side).



Umbrella

An umbrella (C), complete with holder, is provided in the rear of the trunk.



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Controls

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1 FUEL FLAP RELEASE - Press to open the fuel flap. Close the fuel flap by pressing down on the flap until the lock engages.

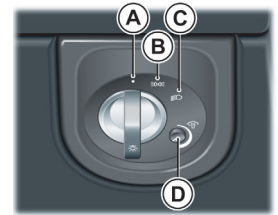


Filler Flap Emergency Release - (Refer to page 4.20)

2 MASTER LAMP SWITCH -

A - All external lamps OFF.

B - Side lamps, side marker lamps, rear lamps and licence plate lamps ON.



C - Headlamps ON, in addition to the side, side marker, rear and licence plate lamps.

D - The level of instrument illumination can be adjusted using the rotary control. Clockwise rotation increases the brightness of the illumination.

Push the rotary control in and release to enable the control. Push in and release to lock the control.

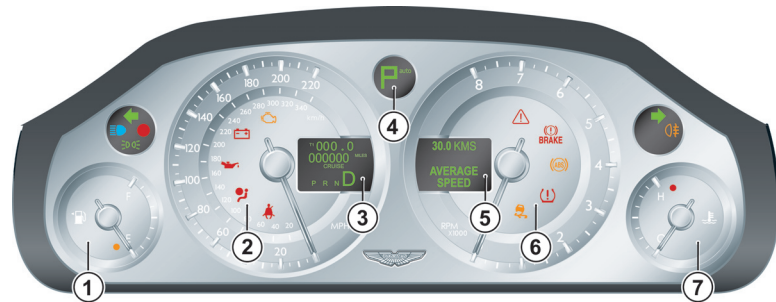
- 3 **INSTRUMENT CLUSTER** - (Refer to page 4.4).
- 4 **CENTRE STACK** - (Refer to page 4.11).
- 5 **GLOVEBOX SWITCH** - Press to open the glovebox. Push the glovebox lid up to close.



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- 1 **FUEL GAUGE** - Indicates how much fuel is in the fuel tank. Refuel as soon as possible when the low fuel symbol comes ON.
- 2 **SPEEDOMETER** - Indicates vehicle road speed.

3 **MESSAGE CENTRE (LEFT)** - Displays the following:

Trip Meter - The Trip Meter shows distances travelled since last reset of trip meters T1 and T2 (B). Toggle between T1 and T2 by pressing **T1/T2** (A) for less than three seconds. Press **T1/T2** for more than three seconds to reset the trip meter on display.



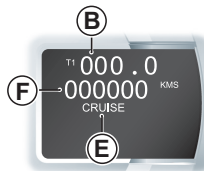
Sport Mode Status (Auto Only) - Shows 'Sport' (C) when sport mode is activated.

3 Gear Range (Auto Only) - Indicates the transmission position and current gear selection (D). Possible transmission positions and gear selection are in bold. Items not in bold are not selectable.

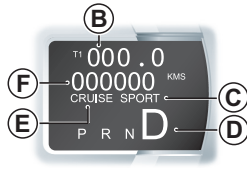
Cruise Status - Shows 'Cruise' (E) when cruise control is activated (Refer to 'Cruise Control', page 4.22).

Odometer - Shows the total distance covered by the vehicle (F).

Manual



Automatic



4 AUTOMATIC TRANSMISSION -

GEAR POSITION INDICATOR DISPLAY

(GPID) - Indicates the current transmission position when in **Auto Drive** mode and the current gear selection when in **Touchtronic** mode (Refer to 'Auto Drive Mode', page 5.4).



MANUAL TRANSMISSION -

GEAR SELECTION INDICATOR DISPLAY

(GSID) - Indicates the optimum time to shift gear. A red 'R' will show when the transmission is in reverse (Refer to 'Manual Transmission', page 5.10).



5 MESSAGE CENTRE (RIGHT) - Displays the following:

Driver Information and Warnings Messages appear if an unsatisfactory condition is detected. Message priority is indicated by a red or amber triangle above the message centre.

- **Red** Potential personal danger or danger of damage to the vehicle
- **Amber** Advisory, indicate possible degraded vehicle performance

Warning messages will be displayed when the ignition is ON and will cycle automatically.

- 5 View or acknowledge messages at any time by pressing the **Read** button (G).

Service Intervals

'Time for Regular Service' will be displayed when a regular vehicle service is due. This message will show at ignition ON for two minutes. It will continue display at ignition ON until the regular service has taken place.





Trip Computer

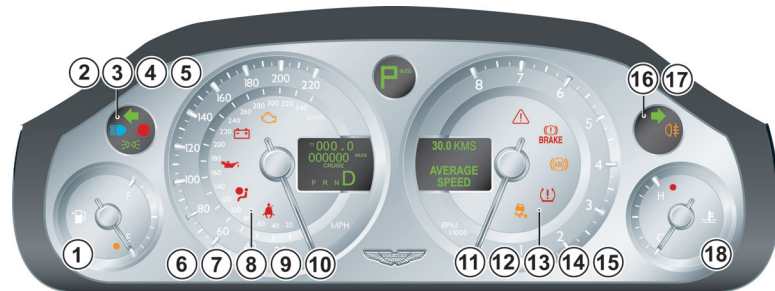
The message centre (right) defaults to the trip computer when there are no messages to show (Refer to 'Ambient Temperature', page 4.25).




- 6 **TACHOMETER** - Indicates engine speed in revolutions per minute x 1000.
- 7 **ENGINE COOLANT TEMPERATURE GAUGE** - Shows the temperature of the engine coolant.

Information and Warning Symbols


- 1  **LOW FUEL WARNING** - Comes ON when only approximately 2.0 Galls (9 ltr) is available. At 2 Galls (9 ltr) and 1 Galls (5 ltr) an audible 'beep' will sound and the 'estimated distance' message will show (for 20 seconds) in the message centre (right).
- 2  **LEFT TURN DIRECTION INDICATORS** - Flashes with the indicator lamps or hazard warning lamps (Ignition ON).
- 3  **HEADLAMPS** - Indicates the main beam of the headlamps is in use.
- 4  **SIDE LAMPS** - Indicates that the side lamps, dip or main beams are ON.





- 5  **PATS** - If this symbol flashes continuously at ignition ON the vehicle will stay immobilized. If the symbol is ON continuously at ignition ON the vehicle will start but PATS has gone into 'Fail Safe' mode (Refer to 'Passive Anti-Theft System (PATS)', page 2.13).

 **Warning**

* **Stop immediately if the Check Engine symbol flashes, do not drive the vehicle. Contact your Aston Martin Dealer.**


- 6  **CHECK ENGINE** - Steady amber indicates a fault in the engine management system. Continue driving only if there are no audible, visible or physical indications of degraded engine performance. Consult your Aston Martin Dealer as soon as possible.
- Flashing amber indicates a major fault in the engine management system. Stop immediately. Contact your Aston Martin Dealer.

7  **IGNITION WARNING** - Comes ON when the ignition is ON and goes OFF when the engine is started and battery charging commences. Also comes ON if battery charging fails whilst driving.

8  **OIL PRESSURE WARNING** - Comes ON when the engine oil pressure falls below minimum. Do not continue driving if this symbol stays ON. Contact your Aston Martin Dealer immediately.


 **Warning**


** Do not drive the vehicle if the SRS warning symbol stays ON. Have the system checked by an Aston Martin Dealer.*

9  **SUPPLEMENTARY RESTRAINT SYSTEM (SRS)** - At vehicle key position 'I' and 'II' or on vehicle start up, this symbol comes ON for a few seconds as a readiness indicator. If it does not come ON, or if it does not go OFF after a few seconds, or if it comes ON whilst driving, the airbag self-diagnostic system has detected a fault.

 **Warning**


** Do not drive the vehicle if the seat belt warning symbol stays ON. Have the system checked by an Aston Martin Dealer.*

10  **SEAT BELT WARNING** - This warning symbol will come ON and a chime will sound for six seconds if the driver's seat belt is not fastened when the ignition is switched ON.

11  **WARNING TRIANGLE** - Indicates Red or Amber depending on warning or information message priority.



 **Warning**





** If the Brake Warning symbol stays ON, after fully releasing the parking brake, do not drive the vehicle. Have the system checked by an Aston Martin Dealer.*

- 12  **BRAKE WARNING** - At ignition ON this symbol will come ON when the parking brake is applied. It will go OFF when the parking brake is fully released. If the symbol stays ON, after fully releasing the parking brake, it indicates that either the brake fluid level is low or that the brake pads require regular maintenance (Refer to 'Footbrake', page 5.11).

 **Warning**

** If the ABS Warning symbol stays ON, do not drive the vehicle. Have the system checked by an Aston Martin Dealer.*


- 13  **ABS WARNING** - Indicates a concern in the ABS control circuits. Continue driving only if there are no audible, visible or physical indications of degraded brake performance. Consult your Aston Martin Dealer as soon as possible if this symbol stays ON.
- 14  **TIRE PRESSURE** - During vehicle start up, this symbol will come ON, briefly, as a readiness indicator. It will come ON again if tire pressure falls below specification (Refer to 'Tire Pressure Monitoring', page 4.25).

- 15  **DYNAMIC STABILITY CONTROL** - At ignition ON or on vehicle start up, this symbol will come ON, as a readiness indicator. If, while DSC is active, the DSC symbol stays ON or it comes ON whilst driving, the DSC system has detected a fault. A DSC fault message will be displayed in the message centre (right). Consult your Aston Martin Dealer as soon as possible. (Refer to 'Dynamic Stability Control (DSC)', page 5.14).
- 16  **RIGHT TURN DIRECTION INDICATORS** - Flashes with the indicator lamps or hazard warning lamps (Ignition ON).
- 17  **REAR FOG** - Indicates if the rear fog lamps are ON.
- 18  **HIGH COOLANT TEMP** - Indicates when engine coolant temperature exceeds 248°F (120°C).

Engine Oil Level Sensing

! *The electronic engine oil level sensing system does not replace the need for the owner to regularly check their engine oil using the dipstick. Check the engine oil level every fourth fuel tank fill or weekly - which ever is the soonest.*

This vehicle has an electronic engine oil level sensing (OLS) system which records the engine oil level each time the fuel tank is filled with 25 litres or more of fuel.

 *The system may not record an oil level if the engine oil temperature is low or if the time to refuel is not sufficient for a consistent oil level to be recorded.*

For the correct engine oil refer to Fluids in the Specifications chapter (Refer to 'Fluids', page 12.11).

If the engine oil level is low the message OIL LEVEL LOW ADD 1L will show in the message centre (right) along with an amber warning triangle and a chime sound. The engine oil level is low and should be topped up with one litre of engine oil as soon as possible.

Press the **READ** button to acknowledge the message. The message will clear when the ignition is set to OFF and then ON.

! *Running the engine with engine oil below the minimum mark on the dipstick can cause serious engine damage.*


The engine oil level **must** be checked and topped up as soon as possible (Refer to 'Engine Oil Level', page 11.11).

Low Outside Temperature

Warning

** Even if the 'Ice Warning' message does not show, there is no guarantee that at low temperatures the road is free from ice.*

At temperatures below 39°F (4°C) the message 'Ice Warning' is displayed in the message centre (right), this indicates to the driver that frost or ice is likely to form on road surfaces.

The amber warning triangle  will also come ON. The the message and warning triangle will continue to show until the outside temperature rises to a safer level.

Warning Symbol Indications

As the ignition is switched ON, the electronic control units complete a self check to make sure of correct operation.

During these checks the following information and warning symbols will come ON for five seconds and 'System Check' will appear on the message centre (right).



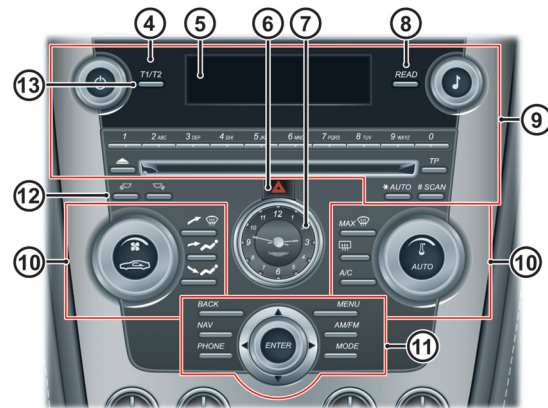
Under normal circumstances most warning symbols will go OFF at the end of the individual system check if system checks are satisfactory.

Centre Stack

- 1 SATELLITE NAVIGATION SCREEN** - Opens when the Satellite Navigation system is ON (Refer to 'Satellite Navigation', page 10.1).
- 2 IGNITION CONTROL** - Insert the vehicle key for ignition positions '0', 'I', 'II' and engine start (Refer to 'Ignition Control', page 4.14).
- 3 AUTOMATIC TRANSMISSION CONTROLS** - Park, Reverse, Neutral and Drive controls (Refer to 'Automatic Transmission', page 5.4).
- 4 PASSENGER AIRBAG INDICATION** - Indicates the passenger airbag status (Refer to 'Advanced Restraints System', page 3.20).



- 5 **DISPLAY** - Presents options, menus and information.
- 6 **HAZARD WARNING LAMPS** - Press to activate the hazard warning lamps. Press again to deactivate.
- 7 **CLOCK** - To set the time press **MENU**. Go to <Car settings...> (Enter) <Clock>.
- 8 **READ** - Press to view and acknowledge messages.
- 9 **AUDIO CONTROLS** - (Refer to 'Audio', page 8.1).
- 10 **CLIMATE CONTROL** - (Refer to 'Climate Control', page 7.1).
- 11 **MODE AND MENU NAVIGATION** - Select functions and move back in the menus. Use the joystick to navigate for menus, music tracks, radio stations. Press to accept.



- 12 **READ LAMPS** - Driver and passenger reading lamps.
- 13 **T1/T2** - Select between two trip meters (Refer to 'Trip Computer', page 4.21)
- 14 **ADAPTIVE DAMPING** - The Adaptive Damping System (ADS) defaults to 'Road' mode at each ignition ON. Press and release for 'Track' mode (button LED ON) (Refer to 'Adaptive Damping', page 5.17).
- 15 **DYNAMIC STABILITY CONTROL** - The DSC system is always ON when the ignition is ON. Press and hold for approximately four seconds to switch OFF. Press and release to switch ON (Refer to 'Dynamic Stability Control (DSC)', page 5.14).

- 16 **PARKING ASSIST** - Defaults to active at each ignition cycle. Press and release to activate and de-activate parking assist. (Refer to 'Rear Parking Assist', page 5.19). (Refer to 'Front and Rear Parking Assist (Option)', page 5.20).
- 17 **REAR FOG LAMPS** - Used in conjunction with the dipped beam when fog or mist is causing restricted visibility. They **must** be switched OFF when visibility clears to reduce glare to the drivers of following vehicles.
- 18 **MASTER VEHICLE LOCK** - Press to lock both doors and disable the trunk lid lock switch. Pull up to unlock. (Refer to 'Master Lock Switch', page 2.7).

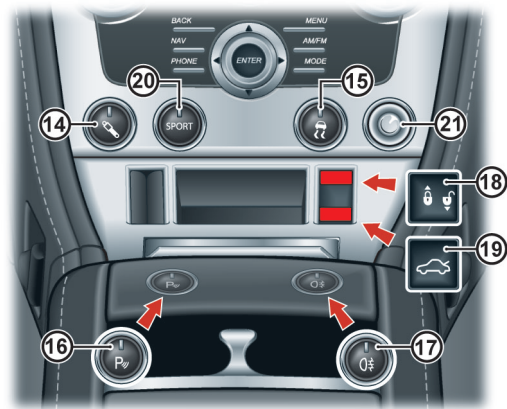
Manual Transmission



- 19 **TRUNK OPEN** - Pull up to open the trunk. On Volante models this switch becomes the Roof open and close switch (Refer to 'Convertible Roof (Volante)', page 6.1).

- 20 SPORT MODE** - Press the Sport button once to enter sport mode and press again to exit sport mode (Refer to 'Driving', page 5.1).
- 21 LAMY PEN HOLDER** - Pull the pen from its holder. Gently push back into its holder.

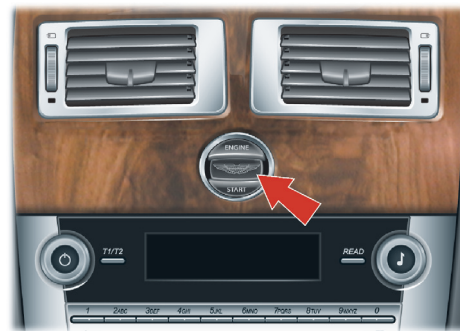
Automatic Transmission¹



¹ Items 10, 12, 20 and 21 are mirrored on left hand drive vehicles

Ignition Control

To access vehicle functions and to start the engine, the vehicle key must be inserted in to the Ignition Control.



⚠ Warning

*** Only use the vehicle key in the Ignition Control. Do not place any objects, including fingers, into the Ignition Control other than the vehicle key. Objects other than the vehicle key may cause the Ignition Control unit to fail.**

⚠ The vehicle key must only be inserted into the Ignition Control with the two indents first, as shown. Attempting to insert the larger end first the key may damage the Ignition Control.

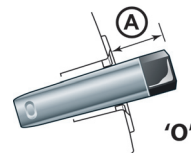


Position '0' (Ignition OFF)

Auxiliaries OFF (Audio, Satellite Navigation, Hands-Free phone not available), steering lock engaged. Seats can be adjusted.

Gently insert the vehicle key, indents first, into the Ignition Control. Press in until the key clicks into place (approximately 20 mm (0.75 in) A) then release. The key is docked at this point.

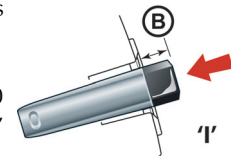
Remove by pulling the vehicle key from the Ignition Control.



Position '1' (Ignition OFF and Accessories ON)

Auxiliaries ON (Audio, Satellite Navigation, Hands-Free phone available), steering lock engaged.


- If already in position '0' gently press the key until the infotainment centre and the instrument cluster lights come ON (a further 0.5 in (10 mm) (B)) and release for position '1'
 - Or insert the key into the Ignition Control and move straight to position '1'. Press in until the infotainment centre and the instrument cluster lights come ON
- Remove by pulling the vehicle key from the Ignition Control.



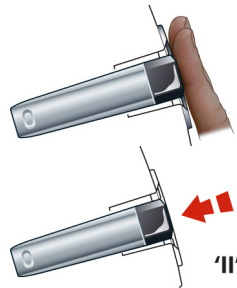
Position 'II' (Ignition ON)

Ignition and all other electrical systems ON, steering lock OFF.


! *Do not depress the brake (automatic) clutch (manual) pedal unless intending to start the engine (Refer to 'Starting the Engine', page 5.2).*


 *Insert the key to position 'II' by using the flat of a finger, as shown.*

- If the key is already in position '0' or 'I' gently press the key until it is flush with the Ignition Control bezel and release.



- Or insert the key into the Ignition Control and move straight to position 'II'. Gently press the key until it is flush with the Ignition Control bezel and release.

 *To start the engine from this position fully press the brake (automatic) clutch (manual) pedal down and press the key fully in.*

 *If the vehicle key is pressed **fully** into the Ignition Control and released for position 'II', the key must be returned to position 'I' to start the engine.*

The Instrument cluster symbols will come ON, the vehicle systems will wake up and the steering lock will release.

Remove the vehicle key from position 'II' by pressing the key fully in **twice**, without depressing the brake (automatic) clutch (manual) pedal, and release. The key will gently return to position 'I'. Pull the key from the Ignition Control. Once in position 'I' after 10 seconds the steering lock will engage.

Starting the Engine

(Refer to 'Starting the Engine', page 5.2).

Preventing Unnecessary Battery Drain

If the vehicle key is left in the Ignition Control (position '0'), some vehicle circuits will stay active and unnecessary current will be drawn from the battery.

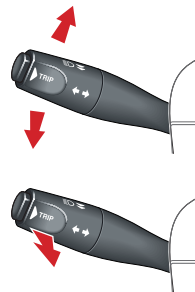
A temporary label is installed on all new vehicles to remind drivers to remove the vehicle key whenever the ignition is switched OFF (Refer to 'Vehicle Battery Charge', page 11.32).



Left Side Stalk

Turn Signals - Up indicates a right turn. Down indicates a left turn. Hold against spring pressure to indicate a lane change. Returns to the centre position on completion of a manoeuvre.

Main and Dipped Beam Switching - Pull forwards and latch for main beam. Pull forwards again and latch to return to dipped beam. Pull forwards and release without latching, at any time while the vehicle key is in the Ignition Control, to flash main beam ON and OFF.



Pull forwards and release without latching, when the vehicle key is removed, to activate Homesafe (Refer to 'Homesafe', page 2.11).

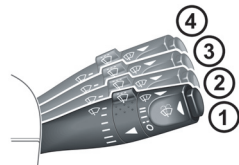
Trip Computer - Repeated pressing of the trip function button (A) cycles through the trip computer displays. (Refer to 'Trip Computer', page 4.21).




Right Side Stalk

Windshield Wiper Control -

- 1 OFF.
- 2 Intermittent Wipe.
- 3 Normal Speed Wipe.
- 4 Fast Wipe.



Demand Wipe - Pull the stalk forwards.

 The windshield wipers will return to their park position if the ignition is switched OFF or the hood is unlatched, regardless of the right stalk position.

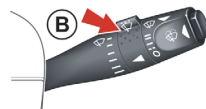
Speed Sensitive Wipe - If the wipers are at fast wipe, when the vehicle slows down (below 7 mph (11 km/h)) the wipers will go to normal wipe speed.

If the wipers are at normal speed when the vehicle slows down (below 7 mph (11 km/h)) the wipers will go to intermittent wipe (position 2).

As soon as the vehicle speeds up (above 9.5 mph (15 km/h)) the wipers will return to their original setting.

Windshield Wiper Delay Control -

Intermittent wipe time delay increases or decreases in six steps (B). Sixth position gives the shortest delay between wipes.



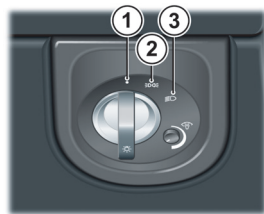
Windshield Washer Control - Press the button (C) for more than one second to activate the windshield washers. Operation continues until the button is released. When released the washers stop immediately but the wipers continue for a few strokes, ending with a pause and then a final wipe. If used during normal wiper operation, the wipers operate continually irrespective of the washer operation.



Headlamp Washers - Headlamp washers will operate automatically, once per journey (each ignition cycle), if the windshield washers are operated and the headlamps are ON.

Master Lamp Switch

⚠ If Homesafe (Refer to 'Homesafe', page 2.11) has been activated with the master lamp switch at position three (headlamps ON), the main beam will stay ON. Make sure the master lamp switch is at position 1 before exiting.



- 1 All external lamps OFF.
- 2 Side lamps, side marker lamps, rear lamps and licence plate lamps ON.
- 3 With the vehicle key at position 'II' in the Ignition Control, Headlamps ON, in addition to the side, side marker, rear and licence plate lamps.

Lamps ON Warning

If the vehicle side lamps are ON, and the drivers door is opened after the vehicle key has been removed from the Ignition Control, an audible warning will sound for a period of five minutes. To stop the audible warning switch the lamps OFF. The audible warning will also stop when the driver's door is shut - the lamps will stay ON.

Day Time Running Lamps

(Canada only)

The dipped beams and side lamps are permanently ON.


Headlamp Levelling

The weight of items placed in the trunk and passengers may change the beam angle of the headlamps. The headlamps are continuously monitored and automatically adjusted to compensate.

Instrument Brightness

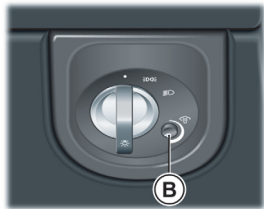
During the daylight hours the level of instrument brightness defaults to maximum brightness and is not adjustable. During the twilight and night time hours a Twilight sensor (A (located in the Centre Stack)) automatically reduces the level of brightness to a preset level.



 If the Twilight sensor is covered the level of brightness will stay low as if in night time mode.

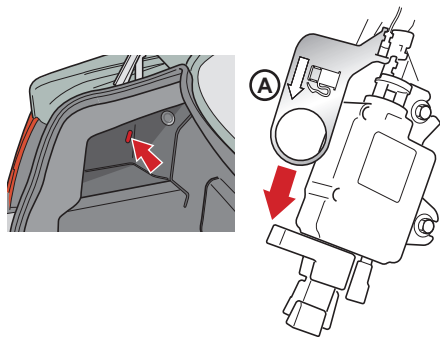
The level of brightness can be further reduced by using the rotary control (B). If the brightness level has been adjusted, the twilight and night time brightness level will return the previous setting on the rotary control, each time the sensor picks up the twilight hours.

Push the rotary control in and release to enable the control. Push in and release to lock the control.



Filler Flap Emergency Release

If the filler flap will not open when the release button is pressed, open the filler flap manually. Reach through the left trunk trim to access the manual fuel filler flap release. Pull the lever (A) to open the filler flap.




Vehicle Horn

To sound the horn press the centre pad of the steering wheel at any of the positions shown.



Trip Computer

Press the button (A) for less than three seconds cycles through the trip computer functions one at a time. Trip Computer information is viewed in the message centre (right).

 If an information message displays, after reading and acting on the information provided press the Read button (B) to return to the trip display.



Range - Estimated travel distance with fuel available (no reset). The minimum distance displayed will read 15 mile (20 km). Below this distance will show '---

Average Fuel - Average fuel consumption since last reset. Press A for more than three seconds but less than five seconds to reset. Press A for five seconds or more will reset both the average fuel consumption and average speed. 'Infocenter is Reset' will be displayed in the message centre (right). Press the **READ** button acknowledge the message.

30
MILES
TO EMPTY
TANK

30.0 MPH
AVERAGE


Instantaneous Fuel - Indicates the fuel consumption over the last three seconds of travel (no reset).


Average Speed - Shows the average speed since last reset. Press A for more than three seconds but less than five seconds to reset. Press A for five seconds or more will reset both the average speed and average fuel consumption. 'Infocenter is Reset' will be displayed in the message centre (right). Press the **READ** button acknowledge the message.

30.0 MPG
INSTANT.

30.0 MPH
AVERAGE
SPEED

Present Speed - Indicates the present vehicle speed.

 *Driver aid only.*

 *Trip computer default screen.*

Blank Screen - Blank screen will show.



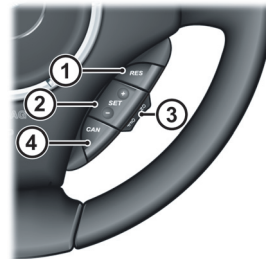
Display Units

With the ignition ON press the Read button (C) and the Trip Computer control (D) together for three seconds to change the trip computer display units.



Cruise Control

Cruise control can be used to maintain a selected vehicle speed, above 22 mph (35 km/h), without having to use the accelerator.




- 1 **RES** - Resume the set speed retained in memory.
- 2 **SET** - Set the speed or accelerate and decelerate.
- 3 **ON/OFF** - Switches cruise control ON and OFF.
- 4 **CAN** - Cancels cruise control but retains the set speed in memory.

Operation


Warning

*** Only use cruise control when conditions are favorable, for example, straight, dry, open roads with light traffic.**

Use the **ON/OFF** (3) switch to activate or deactivate cruise control. When cruise control is active 'Cruise' will show in the message centre (left) (Refer to 'Instrument Cluster', page 4.4).

 *Under certain conditions cruise control will automatically switch OFF (Refer to 'Cruise Control Automatic Switch OFF', page 4.24).*

When travelling at the desired speed, which must be above 22 mph (35 km/h), press **SET** (+ or -) (2). Cruise control will engage and maintain that speed without the need to use the accelerator pedal.

 *Cruise control will automatically disengage when the brake pedal is pressed or when the vehicle speed falls below 22 mph (35 km/h).*

Changing the Set Speed


There are three ways to change the set speed:


- Accelerate or decelerate to the desired speed then press **SET** (+ or -).
- Accelerate or decelerate the speed by pressing and holding **SET** (+ or -) until the desired speed is obtained, then release the switch.
- Accelerate or decelerate the speed in steps of 1 mph (2 km/h) by briefly pressing and releasing **SET** (+ or -) until the desired speed is obtained.


Resuming the Set Speed

If the vehicle is accelerated above the set speed, then the set speed will be resumed when the accelerator pedal is released.

If **CAN** (4) is pressed, or the brake or clutch pedal is pressed, the cruise control will disengage but the set speed memory will be retained. Press **RES** (1) and the vehicle will return to the set speed.

 **RES should only be used if the driver is aware of the set speed and intends to return to it.**

 **It is not recommended to resume set speed when a low gear is selected as excessive engine speeds will occur.**

 Cruise control will not resume at speeds below 22 mph (35 km/h). **RES** will not operate if the ignition has been switched OFF.

Cruise Control Automatic Switch OFF

Cruise control will automatically switch OFF and clear the memory when:

- The ignition is switched OFF
- A fault occurs. The cruise control system will switch OFF and cannot be used until the fault is cleared
- The parking brake is applied
- Maximum vehicle speed is reached


Cruise control will automatically switch OFF but the set speed will stay in the memory when:


- The **CAN** button is pressed
- The brake pedal is pressed
- Vehicle speed falls below 22 mph (35 km/h)

- Neutral, Park or Reverse gear positions are selected
- The difference between the actual and set speed is too great
- When the set speed is above 90 mph (144 km/h); cruise control will disengage automatically after approximately 20 minutes
- The accelerator pedal is used to accelerate beyond the set speed for too long a period


Ambient Temperature

The ambient temperature (outside temperature) is displayed in the top right corner of the Infotainment centre display.

 If the vehicle has been travelling a while and then is stopped in a shaded or enclosed area the ambient temperature may rise, this is due to the heat from the engine bay. The ambient temperature display will reflect the true ambient temperature once the vehicle is moving again or the engine bay cools down.

 If required the display units can be changed from °C to °F or °F to °C (Refer to 'Display Units', page 7.8)

Tire Pressure Monitoring

 **Warning: Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.**

Each tire should be checked monthly when cold and set to the correct pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label (if your vehicle has tires of a different size than the size shown on the vehicle placard or tire inflation pressure label, you should make sure of the correct tire pressure for those tires).

As an added safety feature, your vehicle has been equipped with a Tire Pressure Monitoring System (TPMS) that sets a tire pressure telltale (warning) symbol to ON (A) when one or more of the tires is significantly under or over inflated. At the same time an image of vehicle in the message centre (right) will show which tire(s) have low or high air pressure and the current tire pressure. When the tire pressure telltale comes ON, stop and check your tires as soon as possible, and inflate or deflate them to the correct pressure.

Please note that the TPMS is not a substitute for correct tire maintenance, and it is the driver's responsibility to maintain correct tire pressures, even if under-inflation has not reached the level to set the TPMS tire pressure telltale symbol to ON.

Malfunction Telltale

Your vehicle has also been equipped with a TPMS malfunction telltale to show when the system is not operating correctly. The TPMS malfunction telltale is combined with the tire pressure telltale.

When the system detects a malfunction, the telltale will flash for approximately one minute and then stay ON. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.



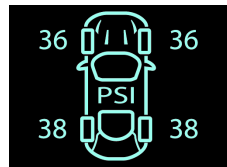
When the malfunction telltale is ON, the system may not be able to detect or send tire pressure as intended. TPMS malfunctions can occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from operating correctly.

Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to make sure that the replacement or alternate tires and wheels allow the TPMS to continue to function correctly.

Operation

⚠ When a tire pressure warning is detected reduce the vehicle speed to an appropriate safe level and stop at the first safe and convenient place to inspect the tire(s).

At each ignition ON there is a short delay before tire pressures are received, from the wheel and tire transmitters, and shown in the message centre (right).



If the tire telltale symbol comes ON while driving, reduce speed to 30 mph (48 km/h) and stop in safe place as soon as possible. Check the status of the tire(s) in the message centre (right):

Telltale Symbol

Constant

Message centre (right)

CHECK TYRES (for ten seconds) followed by an image which shows which tire(s) is affected and the current tire pressures.



Fault

Tire pressure below or above specification

Action

Check the tire pressure of the affected tire(s). Set the tire pressure to the manufacturer's recommended pressure, as shown on the tire label located on the edge of driver's door or the B-Pillar.

Telltale Symbol

Message centre (right)

Fault

Possible Cause

Action

Flashing for 75 seconds then constant

TYRE SYSTEM FAULT (for ten seconds) followed by an image which shows which tire(s) is affected and the current tire pressures or which transmitter is at fault.



System failure or tire transmitter fault

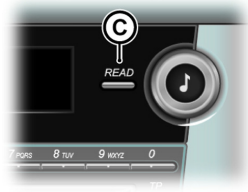
- The TPMS sensors have become defective
- Wheels and tires have been installed which do not have TPMS sensors
- An unapproved accessory is interfering with the TPMS
- A general fault has been detected in the TPMS

Continue at a reduced speed of 30 mph (48 km/h) maximum. Have the control unit and the tire transmitters checked at the earliest opportunity. Consult your Aston Martin Dealer

Display Units

The display can be set to show metric or imperial units.

With the ignition ON press the **READ** button (C) and the Trip Computer button (D) together for three seconds to change the trip computer display units.



ASTON MARTIN



ASTON MARTIN



ASTON MARTIN



ASTON MARTIN



ASTON MARTIN

Driving

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Manual Transmission	5.10	Front and Rear Parking Assist (Option).....	5.20
Footbrake	5.11	Driving Techniques	5.22

Driving Safety

- Always wear your seat belt
- Never drive under the influence of alcohol or drugs
- Always obey all speed and traffic laws and regulations. Never drive faster than the posted speed limit or than conditions allow
- Be particularly careful driving on slippery or wet surfaces
- This vehicle is a high performance vehicle and has handling characteristics you may not be accustomed to. Familiarize yourself with the vehicle and always drive prudently, being aware of your own limitations and the limitations of the vehicle. As with other vehicles of this type, failure to operate the vehicle properly can result in accident and injury
- Follow the maintenance schedule prescribed in this guide
- Never allow the vehicle to be driven by inexperienced drivers


Starting the Engine

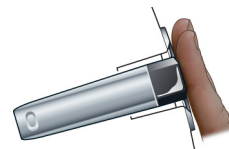
Warning

*** Only use the vehicle key in the Ignition Control. Do not place any objects, including fingers, into the Ignition Control other than the vehicle key. Objects other than the vehicle key may cause the Ignition Control to fail.**

! The vehicle key must only be inserted into the Ignition Control with the two indents first, as shown. Attempting to insert the larger end first the key may damage the Ignition Control.



 Insert the key to position 'II' by using the flat of a finger, as shown. Check that the parking brake is applied.



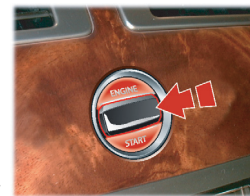
Insert the vehicle key into the Ignition Control and gently press the key until it is flush with the Ignition Control bezel and release (position 'II').


Fully press the:

Automatic Only - Brake pedal down.

Manual Only - Clutch pedal down.

The Ignition Control will show red.




 The engine will not start until the Ignition Control shows red. The Ignition Control will show red (Ignition Control active) only if the brake (automatic) or clutch (manual) pedal is fully pressed down and the steering lock has released.

Press the key fully into the Ignition Control, hold in until the engine starts and release.

The vehicle key will sit flush with the Ignition Control bezel while the engine is running. The Ignition Control will show a white light when the engine is running, and then fade out.



 **Do not press the vehicle key while driving. If the key is pressed in and released the engine will stop. If the key is removed from the Ignition Control while driving the engine will stop but the steering lock will not engage until the vehicle has come to a complete stop.**

If the engine fails to start the vehicle key must be returned to position '1' to crank the engine again.

Press the key fully in, without depressing the brake (automatic) or clutch (manual) pedal, and release. The key will gently return to position '1'. Start the engine start procedure again.

Engine Quick Start

1. Check that the parking brake is applied.
2. Fully press the brake (automatic) or clutch (manual) pedal down.
3. Insert the vehicle key into the Ignition Control and press the key fully in, hold in until the engine starts then release.

When moving straight to engine start the vehicle system will take short time (approximately 1.4 seconds) to complete a system check and release the steering lock before allowing the engine to crank.

Starting From Cold

The engine management system automatically compensates for cold or warm start conditions and makes appropriate adjustments to the fuel and air mixture and ignition timing.

Stopping the Engine

Press the vehicle key fully in and release. The engine will stop as the key returns to position '1'. Withdraw the vehicle key from the Ignition Control.



Automatic Transmission

The Automatic transmission has two drive modes.

Auto Drive Mode

In Auto Drive mode gearshifts are made using the Park, Reverse, Neutral and Drive (PRND) buttons mounted on the Centre Stack. While driving forward gearshifts are made automatically according to various driving parameters, i.e. road speed, current selected gear and accelerator demands. When the vehicle is stationary the transmission will select first gear, ready to move off immediately when the accelerator is pressed.

While in Auto Drive mode move to Touchtronic mode at any time by pulling back pulling back on either the upshift or downshift gearshift paddles, mounted behind the steering wheel (Refer to 'Touchtronic Controls', page 5.6).

As a paddle is pulled back a gearshift will occur, this will be an upshift or downshift according to which paddle is pulled.

Kick-Down

In Auto Drive mode Kick-down is used in circumstances where rapid acceleration is required, i.e. when overtaking. Kick-down is when the accelerator pedal is quickly and fully depressed, causing the transmission to change down to the lowest gear possible to achieve maximum acceleration. The gear engaged depends on the road speed at the time of kick-down.

Touchtronic Mode

In Touchtronic mode forward gears and Neutral are selected by using the paddles located behind the steering wheel. Reverse and Park selected by using the PRND buttons.

While in Paddle Shift mode move to Auto Drive mode at any time by pressing the **DRIVE** PRND button.

 *Neutral can also be selected by pressing the **NEUTRAL** PRND button.*




- 1 PARK** - Press and release to select Park once the vehicle is stationary. The transmission will mechanically lock. If the vehicle key is moved to position '0' or removed from the Ignition control while the vehicle is at a standstill, the transmission will automatically select Park.

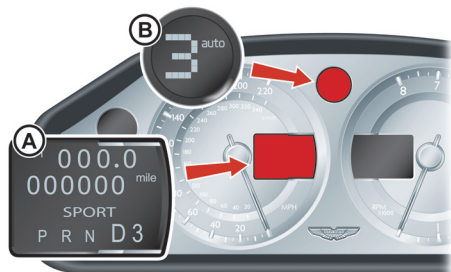
 **Always make sure that the parking brake is applied.**


 *It is not possible to select Park above 1 mph (2 km/h).*

- 2 REVERSE** - When stationary and with the footbrake applied, press to select Reverse. When Reverse is selected, **R** will show red in the Gear Position Indicator Display (GPID) (B) and an audible warning will sound.
- 3 NEUTRAL** - When stationary and with the footbrake applied, press to select Neutral.
- 4 DRIVE** - When stationary and with the footbrake applied, press to select forward gears.

 *If the brake pedal is not pressed the message centre (right) will display '**Press Brake Pedal**' and an audible warning will sound.*

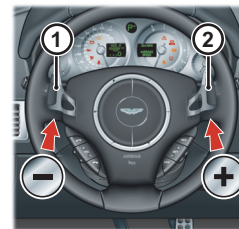
The message centre (left) (A) displays the current gear selection (R, D1, D2, etc.) while the Gear Position Indicator Display (GPID) (B) displays **D** (Drive), **R** (Reverse) or **P** (Park) according to current gear selection. The GPID will show 'auto'.



 *If the vehicle speed is less than 3 mph (5 km/h), Reverse may be selected from Drive, without pressing the brake pedal, to enable a vehicle 'rocking' i.e. to enable vehicle movement out of mud, snow, etc. If 3 mph (5 km/h) is exceeded then the transmission will automatically select Neutral.*


Touchtronic Controls

Neutral and forward gearshifts can be selected by pulling back and releasing the gearshift paddles mounted on the steering column.



Park and Reverse are selected by using the Centre Stack mounted PRND buttons.

- 1 Downshift Paddle.
- 2 Upshift Paddle.

 *Neutral can also be selected by pressing the **NEUTRAL** PRND button.*

From Neutral and with the footbrake applied pull back on either the upshift or downshift gearshift paddle to select first gear. If in Park or Reverse press the **DRIVE** PRND button first then pull back on a gearshift paddle to enter Touchtronic mode. As the vehicle speed increases and decreases, make upshifts and downshifts by pulling and releasing the upshift or downshift gearshift paddle.

If no gearshift has been requested by pulling back on a paddle, upshifts and downshifts will occur automatically if the engine speed rises or lowers to its maximum or minimum operating limits (unless the transmission is in Sport mode (Refer to 'Sport Mode', page 5.8)).

When stationary select Neutral by pulling back on both gearshift paddles simultaneously. When selecting Neutral from Park the brake pedal must be depressed.

The message centre (left) displays the actual gear currently selected (R, D1, D2, etc.). The GPID also displays the current gear selected but may display the target gear when a gearshift is requested (either **1, 2, 3, 4, 5, 6, R** (Reverse) or **P** (Park)). The GPID will show 'touch'.



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Sport mode can be selected while in Auto Drive or Touchtronic modes. Press the Sport button (A) once to enter Sport mode and press again to exit Sport mode. The Sport button LED will come ON and 'Sport' will display in the message centre (left) when sport mode is engaged.

When Sport mode is engaged while in:

Auto Mode - Upshifts and downshifts occur at higher engine speeds to provide a sportier drive.

When selecting Sport while in Auto Drive sixth gear a downshift to fifth gear will occur (this will not happen if Cruise Control is active). Sixth gear is inhibited until Sport mode is switched OFF.

Touchtronic Mode - Automatic upshifts are inhibited, the upshift paddle must be pulled back and released to make an upshift (downshifts will occur automatically if the engine speed lowers to its minimum operating limits).

To inform the driver that the current gear has reached its upper rev. limit the GPID gear indication will change from green to flashing red.



Maximum Engine Speed

The maximum safe engine speed is 6,850 rpm. If this speed is exceeded, fuel supply to the engine is reduced. As the engine speed reduces back to a safe level, fuel supply is progressively restored.

Park Override

If the vehicle fails to start or has broken down the Automatic transmission will move into Park. To tow or move the vehicle a Park Override lever is provided to manually disengage the Automatic transmission park lock.

⚠ Apply the parking brake before operating the Park Override lever. There is the danger that the vehicle will roll, depending on the incline of the road.

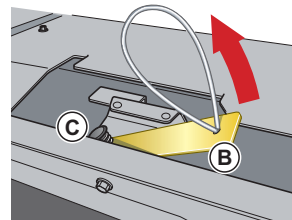
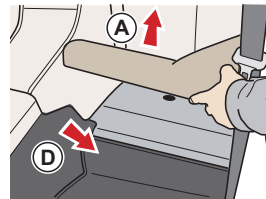
Operating the Park Override

Apply the parking brake. Remove the left rear seat base (2+2 seating (A)) or the trim panel (2+0 seating) and unscREW the two screws that secure the park override lever cover. Remove the cover.

Pull the Park Override lever (B) fully up on the ratchet, fully releasing the parking lock.

After towing or moving the vehicle apply the parking brake. Remove the Kickboard trim panel (D (velcro attachment)). Lift the Park Override lever slightly, reach through the opening at position D and press the ratchet release button. With the ratchet release button pressed lower the Park Override lever back to the stop. The parking lock is now engaged. Install the kickboard trim panel, the park override lever cover and the rear seat base or trim panel.

⚠ The warning message ('Gearbox Fault, Parklock Failure') in the message centre (right) must disappear and the GPID must change from N to P. Otherwise there is the danger that the vehicle will roll away.




Limp-home Mode

If a fault is detected the vehicle may go into one of three 'Limp Home' modes:

Electrical - 'Gearbox Fault Reduced Function' will be displayed in the message centre (right). Touchtronic and Sport modes may be disabled.

Gearshifts will still be possible but shift quality will be degraded. Contact your Aston Martin Dealer.

 In certain circumstances forward drive will be restricted to a fixed gear.

Reduced Engine Performance - 'Reduced Engine Perform' will display in the message centre (right). Engine performance will be restricted. Contact your Aston Martin Dealer.

Mechanical - 'Limphome No Gear Change Possible' will display in the message centre (right) and an audible warning will sound. If travelling forwards in Auto Drive or Touchtronic mode the vehicle will go into a locked gear (third or fifth depending on vehicle speed).

⚠ Do not attempt to change gear position while in mechanical limp home mode. If a gearshift request is detected at a speed below 12.5 mph (20 km/h) the engine will stop and the parking lock will engage.

⚠ At a speed above 12.5 mph (20 km/h) the request and any other transmission request will be rejected and the vehicle will continue in third or fifth gear.

If entering mechanical limp home mode in any position other than Auto Drive or Touchtronic mode the park lock will engage (Refer to 'Park Override', page 5.9). Contact your Aston Martin Dealer.

Manual Transmission

The manual transmission features a six speed gearbox.



Gearshifts

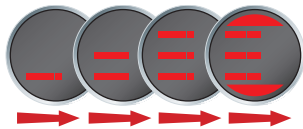
Press the clutch pedal, move the gear lever to the required gear position then slowly raise the clutch pedal.


Reverse gear is selected by overcoming spring resistance.

A red 'R' will show in the GSID when the transmission is in reverse.



To inform the driver that the current gear has reached its upper rev. limit the GSID will indicate revs increasing (one bar, two bars, three bars then three bars flashing). To avoid hitting the rev. limiter shift gear before or as the GSID reaches three flashing bars.



 For the first 1243 mile (2000 km) and when ever the engine temperature is below 104°F (40°C) the shift control will indicate early shift changes to protect the engine.

Maximum Engine Speed


The maximum safe engine speed is 7,200 rpm. If this speed is exceeded, fuel supply to the engine is reduced. As the engine speed reduces back to a safe level, fuel supply is progressively restored.


Footbrake


The footbrake operates through a vacuum boosted, dual (diagonal split) circuit, hydraulic system incorporating an Anti-lock Brake System (ABS).

Warning


*** In the event of a brake failure bring the vehicle to a halt as soon as it is safe to do so. Do not continue to drive.**

 **If vacuum boost fails or one circuit fails the footbrake will still operate but with greater pedal pressure, increased pedal travel and longer stopping distances.**


 **After a long drive over salted or gritted roads or if driving in heavy rain, through water or a vehicle wash, the braking action may be delayed and increased braking pressure may be required.**

 Vacuum boost is only available while the engine is running.

Brake Warnings

While driving, if the brake warning symbol  comes ON, it indicates either that:


- The parking brake is not fully released
- The brake pads require regular maintenance
- The brake fluid level has fallen below an acceptable level

 A warning message will show in the message centre (right).

Stop, as soon as possible in a safe and convenient place. Apply the footbrake and make sure that the parking brake is fully released. If the parking brake is fully released and the warning symbol stays ON, **do not drive** the vehicle. Contact the nearest Aston Martin Dealer. It is essential that the brake system is checked immediately, preferably by an Aston Martin Dealer.

 **Warning**

*** If the brake warning symbol comes ON, you should immediately be prepared for possible increased stopping distances and possible partial failure of the braking system.**

 *Brake Noise: The high performance brake system used on this vehicle is designed to provide optimal braking under all operating conditions. However, under all driving conditions an inherent characteristic of this braking system is some brake noise, i.e. wire brush noise. Certain combinations of speed, braking forces and ambient conditions may cause the brakes to squeal.*

Anti-Lock Braking System (ABS)

The anti-lock braking system (ABS) helps prevent the road wheels from locking and skidding during emergency braking. This also assists the driver in maintaining steering and directional stability.

If, in an emergency braking situation, the braking force applied begins to exceed the tire to road adhesion, the ABS is activated to prevent the road wheels locking. When this happens a pulsating effect is felt through the brake pedal. This is a normal ABS effect.

Safety

In all cases it is the drivers responsibility to drive safely according to the law and with due regard to prevailing conditions. The fact that a vehicle is equipped with ABS must never allow the driver to be tempted into taking risks which could affect his or her safety or that of other road users.

The addition of ABS cannot overcome the consequences of trying to stop in too short a distance, cornering at too high a speed, or the risk of aquaplaning (where the tires are prevented from contacting the road surface by a layer of water).


The driver should always take road conditions into account. A slippery road surface always requires more braking distance for a given speed, even with ABS. Possible extensions of stopping distance compared to locked wheels may occur during ABS operation on slushy snow, gravel, sand or certain heavily corrugated or ridged warning sections of road surfaces.

If any braking system malfunction occurs, immediately have the Braking and ABS systems checked by your Aston Martin Dealer.

ABS Warning

Warning

*** If the ABS warning symbol comes ON, you should be aware that wheels could lock during extreme braking or when braking on slippery surfaces.**

ABS is monitored for correct operation while the ignition is ON. If a fault is detected, the ABS warning symbol  will come ON and the ABS will be partly or fully disabled.

Normal braking will continue to function without ABS.

In the event of an ABS fault, consult your Aston Martin Dealer immediately.

Parking Brake

 **Always fully apply the parking brake before leaving the vehicle.**

To apply the parking brake:

Press the footbrake pedal firmly down. Keep the pedal pressed down and pull the parking brake lever up until resistance is felt. At this point depress the parking brake button and continue to pull the parking brake lever up to its fullest extent. Release the button and allow the parking brake lever to lower.

 **If the ignition is ON the parking brake warning symbol on the instrument cluster will come ON, indicating that the parking brake is applied .**


To release the parking brake:

Press the footbrake pedal firmly down. Keep the pedal pressed down and pull the parking brake lever up until resistance is felt. Pull up against the resistance and depress the release button. Keep the button depressed and push the lever down.

If the parking brake lever is not fully OFF, the parking brake warning symbol will stay ON.



! Always check that the brake warning symbol is OFF before moving off. Do not attempt to drive the vehicle if the brake warning symbol stays ON.

 An audible warning will sound if the vehicle is moving and the parking brake is still applied.

- If the vehicle is parked on a hill and facing **uphill**, select first gear and turn the steering wheel away from the curb
- If the vehicle is parked on a hill and facing **downhill**, select reverse gear and turn the steering wheel towards the curb

Dynamic Stability Control (DSC)

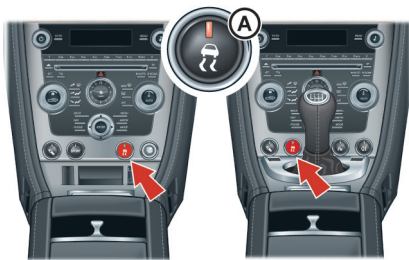
Warnings

- * It is the drivers responsibility to drive safely according to the law and with due regard to prevailing conditions.*
- * DSC must never allow the driver to be tempted into taking risks which could affect his or her safety or that of other road users. DSC cannot overcome consequences of applying too much engine power for prevailing conditions.*

Dynamic Stability Control (DSC) is a system designed to enhance driving safety by improving the vehicle handling when the tires are at the limits of their grip capabilities. This is achieved through the reduction of engine torque and strategic application of the brakes at individual wheels.


Driver Interface and Control


- !** Use tires of the same manufacturer, brand, tread pattern and correct size specified for this vehicle on all four road wheels. Do not mix worn tires.
- !** The DSC may not operate correctly when using tire chains or a temporary spare tire.
- !** If repair or replacement of the steering or other surrounding equipment is necessary, always refer to your Aston Martin Dealer. If the centre position of the steering deviates, the DSC may not operate correctly because there is a sensor in the steering which detects steering wheel position.




DSC has three modes of operation:

ON - The DSC system sets to ON each time the engine is started. DSC is controlling engine torque and applying strategic application of the brakes at individual wheels.


While the DSC system intervenes to correct the vehicle stability the  symbol, on the instrument cluster, will flash.

Track Mode - Press and hold the DSC button (A) for two seconds. 'DSC TRACK MODE SELECTED' will show in the message centre (right) and the  symbol will be ON in the instrument cluster. This raises the thresholds at which the DSC system intervenes. While the DSC system intervenes the symbol will flash.

OFF - Press and hold the DSC button for four seconds. 'DSC FUNCTION OFF' will show in the message centre (right) and the  symbol will show in the instrument cluster.

DSC is no longer controlling engine torque and applying strategic application of the brakes at individual wheels.

At any time while in Track mode or OFF, press and release the DSC button to start DSC.

 *The DSC button LED and the DSC symbol (instrument cluster) will come ON when the system is set to Track mode or OFF.*

Fault Indication

A malfunction in the DSC control system will be indicated by the following:

- The DSC symbol in the instrument cluster will be ON continuously
- A warning message will be displayed in the message centre (right) depending on the fault detected

If vehicle cruise control is engaged it will automatically disengage when traction control is operating.

Traction Control

Warnings

**** It is the drivers responsibility to drive safely according to the law and with due regard to prevailing conditions.***

**** Traction Control must never allow the driver to be tempted into taking risks which could affect his or her safety or that of other road users.***

**** Traction Control cannot overcome consequences of applying too much engine power for prevailing conditions.***


! Do not maintain engine power at such a level that traction control is activated for long periods (more than about one minute). This reduces fuel to the engine and may cause the exhaust catalyts to overheat. Overheating of the exhaust catalyts can destroy them.

Traction control is a function of DSC, and is operated in association with the DSC system.

Traction control prevents excessive wheel-spin at standing starts, or during acceleration. Wheel-spin is usually caused by excessive use of the accelerator pedal, or slippery, loose or bumpy road surfaces.

To prevent excessive wheel-spin and maintain vehicle stability in such situations the traction control system will:

- Brake the driven-wheel when it starts to slip
- And, or, adapt the engine torque to a level corresponding to the traction available on the road surface

 *These symptoms are normal and will clear as wheel spin is eliminated and normal engine power is restored.*

During activation, the DSC warning symbol will flash. The driver may experience a loss in power or temporary 'misfire' as engine power is reduced.


If traction control cuts in when driving on extended icy or slippery surfaces, reduce engine power as necessary until the DSC warning symbol goes OFF.

Traction control is always operational when DSC is ON.

Adaptive Damping

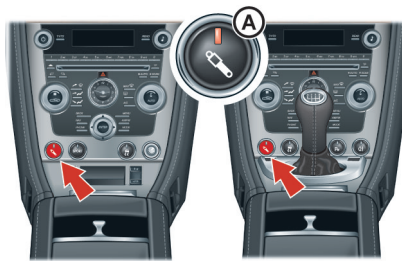
The Adaptive Damping System (ADS) is continuously operational, adjusting the damping characteristics at all four corners, according to vehicle body movement and monitored driver inputs.

Sensors on the vehicle constantly measure the vehicle body movement and driver inputs – braking, steering, vehicle speed and throttle displacement. This information is then supplied to the ADS control unit which calculates the optimal damper characteristic at each corner at any given moment.

 *ADS is independent of the Dynamic Stability Control system.*

ADS has two modes of operation:

Road Mode - At ignition ON the ADS system defaults to Road mode which provides an optimised ride for everyday driving.




Track Mode - Press and release the ADS button (A) to start Track mode, which provides damping characteristics optimised for smooth, track conditions.

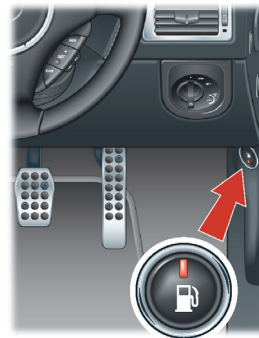
Press and release the ADS button at any time while driving to select Road (button LED OFF) or Track (button LED ON) mode.

Fuel Filling

Open the fuel flap by pressing the fuel flap release button.

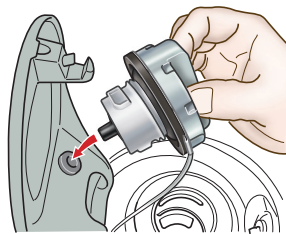
 *The vehicle alarm must be OFF to enable the fuel flap release button.*


If the filler flap will not open when the release button is pressed, open the filler flap manually (Refer to 'Filler Flap Emergency Release', page 4.20).



Rotate the cap counterclockwise past resistance, then lift off. Place the cap into its holder.

Install the cap by turning clockwise past resistance, until three 'clicks' are felt as the cap is fully tightened. Close and latch the fuel flap.



 *The fuel tank filler neck has a restricted opening which will only accommodate the fuel supply nozzle of unleaded fuel pumps.*

The fuel system will not permit overfill but there will be instances when the nozzle will shut OFF prematurely. If this happens wait five seconds after nozzle shut OFF before trying to re-initiate fill.

Fuel Cutoff

In the event of a vehicle accident the vehicle will enter Crash mode. Power to the fuel pumps will terminate, thereby reducing fire risk.

Catalytic Converters

Warnings

** Do not park over dry grass, leaves or other combustible material. Significant fire risk exists because of residual heat in the catalytic converters.*

** Do not drive through deep water. Rapid cooling of catalysts may cause them to break up.*

Catalytic converters convert harmful exhaust gasses into less noxious substances and so reduce environmental pollution.

They operate at high temperatures and continue to radiate a considerable amount of heat after switching the ignition OFF.


Leaded fuel will cause irreparable damage to catalytic converters. If leaded fuel is inadvertently added to the fuel tank **do not start the engine, do not drive the vehicle.**


Contact your Aston Martin Dealer immediately.


Rear Parking Assist

Warning


** Rear parking assist does not replace need for total vigilance and caution when parking or reversing.*

 *When parking or reversing make full use of rearward vision and all mirrors to be aware of persons or objects in the vicinity of the vehicle. Take appropriate measures to protect them from danger.*

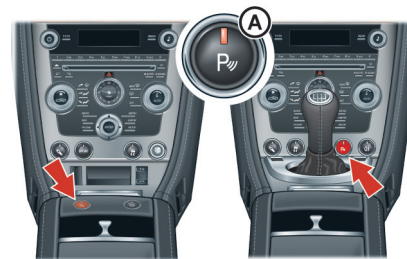
 *In heavy rain or similar adverse conditions, the rear parking assist sensors may not always be able to accurately measure distance to close objects. A fully laden vehicle or irregular obstacles may also cause inaccurate measurements.*

 *The 'beeps' start at approximately 5.5 ft (1.7 m) from any obstruction. The 'beep' becomes continuous at distances less than 1 ft (30 cm).*

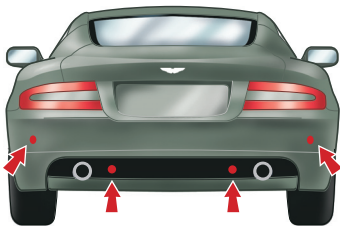
Rear parking assist assists in detecting obstructions as the vehicle is reversed towards them. The system is active when reverse gear is selected. When the system is operating an intermittent 'beep' signal will be heard. The 'beep' increases in persistence as the vehicle reverses to an obstruction.

 *If reversing into a confined area, i.e. a home garage, the rear parking assist **outer** sensors will detect the side walls 1 ft (30 cm) and, after three seconds, the 'Beep' sequence will stop. As reversing continues the rear parking assist **inner** sensors will detect the rear wall or obstruction and the 'Beep' sequence will start again.*

Press the parking assist button (A) to disable rear parking assist. The button LED will go OFF to show that the system is **disabled**.



The parking sensors should be kept clear of dirt, snow etc. to make sure of clean signals and accurate distance monitoring.




Front and Rear Parking Assist (Option)


! *It is always the driver's responsibility to detect obstacles and estimate the vehicle's distance from them. Some overhanging objects, barriers, thin obstructions or painted surfaces which could possibly cause damage to the vehicle may not be detected by the system. Always be vigilant when reversing.*

! *If, for example, you are driving within a confined space such as a home garage, the outer sensors will detect the side walls and after three seconds will switch the tone OFF. However, as movement continues, the inner sensors will eventually detect the rear wall and will start the tone again.*

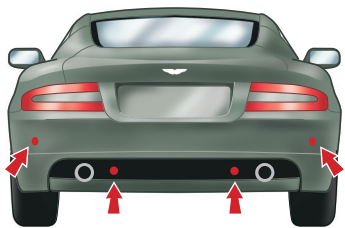
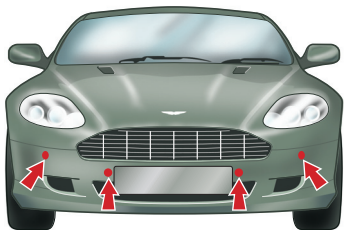
! *Do not clean the sensors with abrasive or sharp objects.*

! *The rear sensors are not active when the gear selector is in neutral, therefore care should be taken if moving the vehicle as the tone will not sound.*

 *For reliable operation, the sensors in the front and rear bumpers should be kept free from ice, frost and grime.*

 *When using a high pressure spray the sensors should only be sprayed briefly and not from a distance of less than 200 mm (8 in). Do not clean the sensors with abrasive materials.*

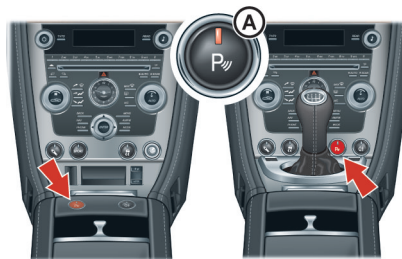
The parking assist system provides an audible warning, when driving forwards or rearwards, if objects are detected within range of the vehicle.



Operation

The Parking assist system defaults to inactive when the ignition is switched ON.

The system becomes active when reverse gear is selected, or if the Parking Assist button (A) is pressed at speeds below 15 km/h (9 mph).



The system will switch OFF when the vehicle moves forwards above 15 km/h (9 mph).


The parking button LED will come ON when the system is switched ON. The LED will flash if a fault is detected in the system.


! *In heavy rain or similar adverse conditions, the rear parking assist sensors may not always be able to accurately measure distance to close objects. A fully laden vehicle or irregular obstacles may also cause inaccurate measurements.*

📖 *If the system has a fault, when engaging reverse gear or turning the ignition ON, then a single three second tone will be heard (only once per ignition cycle) and the parking assist button LED will blink. The system is automatically disabled when a fault is detected.*

If an obstacle is detected at the front or rear of the vehicle, a series of beeps will be heard from the front or rear speaker respectively, which increases in rate as the vehicle nears the obstacle.

The beep becomes a continuous tone when an obstacle is detected at or within approximately 300 mm (12 in) from the rear or 250 mm (10 in) from the front of the vehicle.

 *Parking assist may sound spurious tones if it detects an ultrasonic frequency using the same band as the sensors.*

 *The system consists of inner and outer sensors. When manoeuvring forward into a Garage, etc., the front outer sensors will cease detection if they detect a stationary or receding object for three seconds or more, this allows detection directly at the front of the vehicle in this type of manoeuvre.*

Driving Techniques

Procedures for driving this vehicle may be unfamiliar to many new owners. Please take time to safely acquire the necessary new driving skills. Practise in safe, lower speed conditions before investigating the high performance potential of the vehicle. Please make sure of a safe and enjoyable entry into this new phase of Aston Martin motoring.

Performance Driving Courses are available to enable customers not only to understand the control functions of their vehicle but also the basic principles of Performance Driving.

Please contact your Aston Martin Dealer for further information.

Wet Conditions

When driving in wet conditions, water can build up under your tires so that they ride on a layer of water. This is called aquaplaning or hydroplaning. When this happens, you have little or no control.

Aquaplaning is more prone to happening at higher road speeds if there is a lot of water on the road and particularly if the tires are also under inflated or approaching minimum tread depth.

It is important to take bends or curves at a safe, reasonable speed, particularly when driving on wet or slippery road surfaces.

Slow down when it is raining.

Track Days


Before using this vehicle on Track Days contact your Aston Martin Dealer for vehicle set up, service parts and recommendations.

Driving Through Deep Water

⚠ *If in any doubt whether to drive through deep water, always take the side of caution to avoid potentially costly damage to the vehicle's engine or other essential systems.*

If driving on flooded roads, through deep or standing water is unavoidable, proceed with extreme caution, especially when the depth is not known. Never drive in water deeper than the lower edge of the front bumper.

Water can be splashed up into the engine air intakes located in the front upper grille and cause extensive damage to the engine or the vehicle may stall.

 *Waves caused by other vehicles or natural causes can also splash water in the engine air intakes.*

Running-In

This vehicle is fully hot tested during manufacture and no special running-in procedures are necessary. Nevertheless it is prudent to limit engine loads (e.g. by accelerating gently and by using lower gears on steep hills or when negotiating tight turns) during the first 1,000 mile (1,600 km).



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Convertible Roof (Volante)

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Roof Operation


Warnings


** Misuse of the Roof switch, especially by children, can result in injury due to entrapment in the Roof mechanism and locking points.*


** Before closing or opening the Roof, make sure that all occupants are clear of the Roof linkage, the windshield frame, door windows and rear quarter windows.*


 *The Roof will operate normally at temperatures above 14°F (-10°C).*


 *Before closing or opening the Roof, make sure that there are no objects placed on the rear sloping deck area which could interfere with the folded, stored Roof, especially the heated rear windshield glass. Even small objects can cause damage.*


 *Make sure that the Roof is always fully closed or fully opened.*

 *Do not store objects or items in the Roof storage area. Any objects or items stored there may cause damage to the Roof when attempting to open it. Even small objects can cause damage.*

 *Do not attempt to open the Roof if any objects are laying on top of the Roof.*

 *Continuous use of the Roof without the engine running will cause the vehicle battery to rapidly discharge.*

 *Avoid repetitive use of the Roof. This may cause the operating system to over heat and engage the thermal cut out. If this happens, wait ten minutes for the operating system to cool down before operating the Roof.*

 *Due to wind pressure when driving at very high speeds the door windows may not close correctly.*

Conditions for Operating the Roof

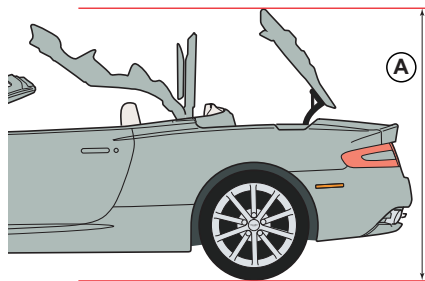
⚠ **Aston Martin recommend that the Roof is only operated while the vehicle is stationary.**

- The trunk must be shut
- The ignition must be ON (engine running or not)
- Sufficient headroom is available for the Roof to close or open.
- Outside temperature must be above 14°F (-10°C)

⚠ **Repeated operation of the Roof while the ignition is ON and the engine is not running will drain the vehicle battery.**

📖 *The trunk lid will lock and will stay locked during Roof opening and closing operations.*

📖 *Minimum headroom (A) required to close or open the Roof is 60 in (1531 mm).*




If the vehicle is moving while the Roof is being closed or opened, Roof movement will continue, **while the Roof switch is pressed**, until the Roof has locked in the closed or opened position.


⚠ **Warning**


*** Keep the vehicle road speed down to a minimum until the Roof has completed its operation.**


While operating the Roof the following warnings will activate, depending on the vehicle speed:

2.5 to 3 mph (4 to 5 km/h) - 'Stop Safely for Roof Operation' will be displayed in the message centre (right).

3 to 40 mph (5 to 65 km/h) - 'Stop Safely for Roof Operation' will be displayed in the message centre (right), the amber warning triangle  will show and a single audible warning will sound. Roof movement will continue.

Over 40 mph (65 km/h) - 'Roof Failure Possible' will be displayed in the message centre (right), the amber warning triangle  will show and a continuous audible warning will sound. Roof movement will continue.

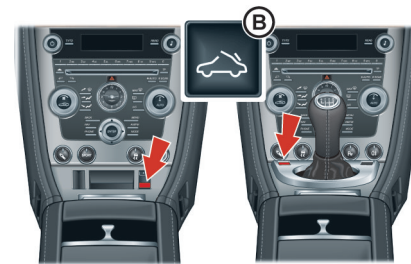
It is not possible to **start** Roof operation at speeds of 30 mph (50 km/h) or above. 'No Roof Operation Possible' will be displayed in the message centre (right), the amber warning triangle  will show and a single audible warning will sound.

 *While operating the Roof, if the Roof switch is released when travelling at 30 mph (50 km/h) or more, no Roof movement will be available until the vehicle speed drops below 30 mph (50 km/h).*

 **Warning**

*** Roof movement has not finished and locked until 'Roof Movement Complete' appears in the message centre (right).**

The Roof operation switch (B) is located on the centre console.



If at any time during the opening or closing procedure the switch is released – Roof movement will stop immediately.

'Roof Movement Paused' will appear in the message centre (right) and a continuous audible warning will sound until the Roof continues to lower or raise.

! *As soon as it is safe to do so continue the Roof movement. If the Roof is left in 'Pause' for ten minutes, hydraulic pressure will be lost. The Roof and Tonneau lid will relax and, gently, fall back. Powered Roof operation will be inhibited until the Roof has been manually fully opened or fully closed.*



Opening the Roof



Pull the Roof switch rearwards and hold until '**Roof Movement Complete**' appears in the message centre (right).

If the door and rear quarter windows are required to be opened continue to press the switch after '**Roof Movement Complete**' appears until the windows have opened.



Closing the Roof

! *Warning*

** Roof movement has not finished and locked until '**Roof Movement Complete**' appears in the message centre (right).*

Push the Roof switch forwards and hold until '**Roof Movement Complete**' appears in the message centre (right) and a single audible warning sounds.

If the door and rear quarter windows are required to be closed continue to press the switch after '**Roof Movement Complete**' appears until the windows have closed.



Rear Quarter Windows

The rear quarter windows can be opened and closed independently of the Roof.

When the Roof is fully opened or closed use the Roof switch to open or close the rear quarter windows:

Roof Fully Closed - Push and hold the Roof switch to open or closed the rear quarter windows. Release the switch when the window movement has stopped.

Roof Fully Opened - Pull back and hold the Roof switch to open or closed the rear quarter windows. Release the switch when the window movement has stopped.


Manual Operation


In the unlikely event of the Roof failing during closing or opening (after the locks have released), the Roof can be manually closed and locked.


Warning

*** Keep fingers clear of the Roof linkage when moving the Roof manually.**

 **Vehicle Security. If the Roof fails always close and lock the Roof.**


 **Do not open the Roof. Tonneau lid locks will not be available.**


 The message '**Roof Fail**' will show in the message centre (right).

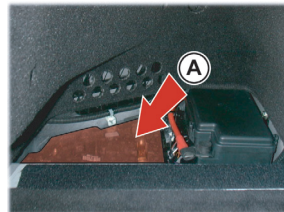
 The assistance of a second person may be required to close the Roof manually.

If the Roof fails, remove the vehicle key and wait for a minimum of five seconds.

Remove the allen key from the vehicle tool kit (A) and place in the vehicle cabin.

 The Allen key is required to lock the Roof in position.

 During this time the Roof hydraulics will relax allowing manual movement of the Roof. Some hydraulic fluid resistance will still be present in the operating rams. It may take considerable effort to fully close the Roof manually.

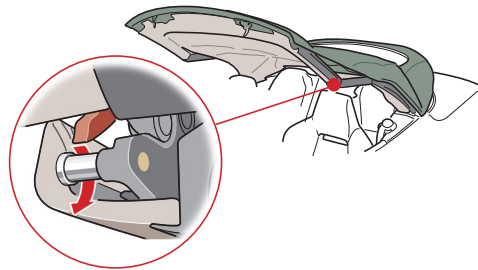


Close the Roof Manually:

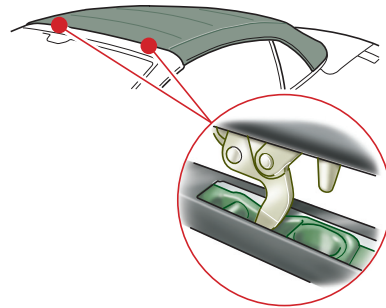
If the Tonneau Lid is Closed with the Roof on Top

Manually raise the Roof to the fully closed position.

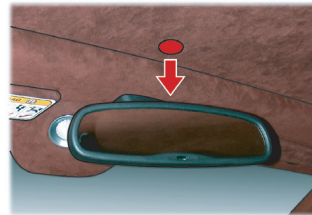
! *Make sure that the hook on the last Roof joint engages correctly on both sides.*



Remove the trim plug.

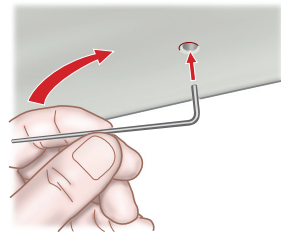


Make sure the two lock arms are located in their catches.



! *Locking the Roof manually may require the assistance of a second person to push down so the catches engage while the allen key is turned.*

Using the allen key provided in the vehicle tool kit, lock the Roof in position. Continue to turn the allen key until no more movement is possible.



! *Do not use power tools. The Roof manual lock and unlock mechanism may be damaged if power tools, i.e. an electric drill, are used to lock or unlock the Roof.*

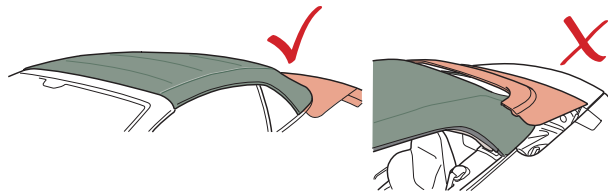
! *Many turns of the allen key will be required to lock the Roof.*

'Roof Movement Paused' will appear in the message centre (right) and a continuous 'beep' will activate until the Roof has been locked.


If the Tonneau Lid has Unlocked and the Roof is Underneath

! *Do not allow the Tonneau lid to rest on the Roof fabric.*

Manually lift the Tonneau lid. Continue to hold the Tonneau lid while closing the Roof. When the Roof rear has cleared the Tonneau lid, let the Tonneau lid slowly fall to close. Slowly raise the Roof to meet the top of the windscreen. The rear of the Roof will lay in position on the edge of the Tonneau lid.



Rear Quarter Windows

 Depending on the reason why the Roof fails, the rear quarter windows may not close when closing the Roof manually.

When the Roof has been manually closed and locked, switch the ignition to ON and attempt to close the rear quarter windows by operating the Roof close switch.



Roof Maintenance

If the Roof is left for prolonged periods in the opened position (folded), in certain circumstances (i.e. a wet or dirty Roof) permanent soiling along folds may occur in the Roof fabric.

Do not leave the Roof in the opened (folded) position for longer than necessary.

- ⚠ **Do not use automatic vehicle washes. Brushes, detergents and pressurized water jets may damage the Roof fabric.**
- ⚠ **Do not use power washers. Jets of water may damage the weather seals and the Roof fabric.**
- ⚠ **Do not use spot cleaners, chemical diluents or any organic cleaners. If in doubt, contact your Aston Martin Dealer.**

Roof Fabric Maintenance

(Refer to 'Convertible Roof Fabric (Volante)', page 11.49)

Deployable Rollbars

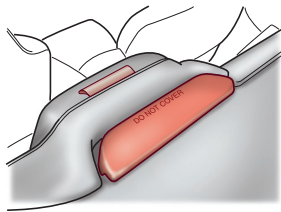
⚠ Warnings

- * Do not place any objects on the top of the deployable rollbar covers behind the rear seat backs.**
- * Do not allow any person to sit on the deployable rollbar covers at any time.**
- * Do not attempt to service or modify the deployable rollbar system.**

The Volante is equipped with a deployable rollbar system, which is in addition to and independent of the airbag system.

📖 The deployable rollbar system and the airbag system react independently. The deployable rollbars and the airbags may deploy together or alone, depending on the type of impact.

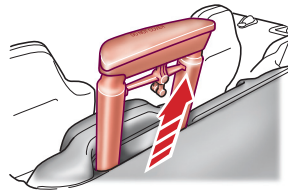
The deployable rollbar system comprises an electronic roll sensor unit integrated into the main crash sensor and two 'U' shaped roll bars, concealed behind the rear seat, which will deploy in the unlikely event of the vehicle rolling over.



The electronic roll sensor constantly monitors the vehicle attitude and road loads.

On sensing an impending roll over situation the electronic roll sensor sends a signal to the deployable rollbars, triggering a release.

The deployable rollbars then extend upward.



⚠ Warnings

*** If the Roof is closed the deployable rollbars will break through the rear glass.**

*** Do not attempt to reset the deployable rollbar system after it has deployed. It is a 'single use' system, if reset it will not deploy a second time.**

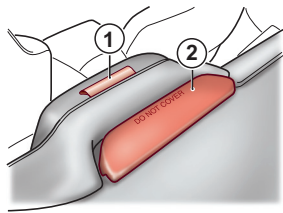
⚠ Extreme manoeuvres may cause the system to predict a roll over and deploy the rollbars for protection of the occupants. If such driving events are anticipated by the customer (e.g. Track day driving) the Roof should be retracted to allow the rollbars to deploy without damaging the vehicle.

If the deployable rollbar system has been deployed, proceed to your nearest Aston Martin Dealer.

Wind Deflector

Warning Labels

The following warning labels are located on the deployable rollbar system,



- 1 'Rollbar'
- 2 'Do Not Cover'

A wind deflector can be installed to enhance comfort when driving with the Roof down.

- Wind noise and turbulence are greatly reduced
- Heat retention is increased, offering open air cruising on colder days
- It easily installs to existing mounts within your vehicle
- The wind deflector can be left in place with the Roof closed or opened and stores easily within the trunk
- Easily folded and stowed away when not used

⚠ **Take care when adjusting the driver or passenger seat position with the wind deflector installed. Make sure that the seats do not come into contact the wind deflector.**

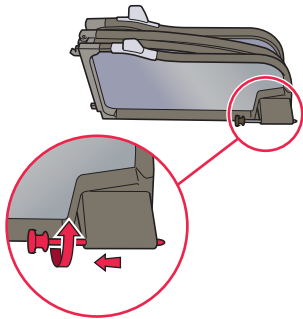
⚠ **The wind deflector is not designed as a load carrier. Do not place objects or items on the wind deflector in either the closed or opened position.**

Storage

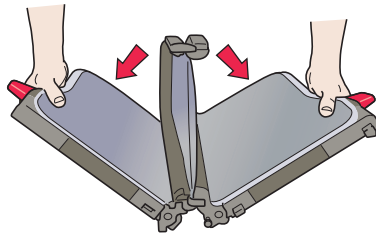
When the wind deflector is not required, remove it from the vehicle and place it in its storage bag. Place the storage bag in the vehicle trunk.

Installation

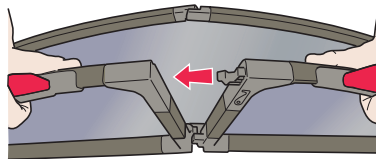
1. Remove the deflector from its storage bag. Make sure that the location pins are retracted. If not retracted pull the pins back and twist (left or right) to lock.



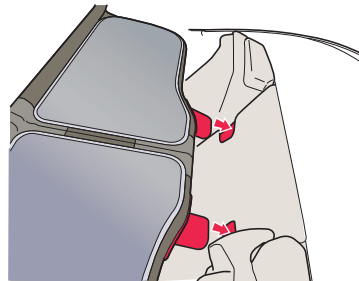
2. Unfold.



3. Open out and 'snap' connect.

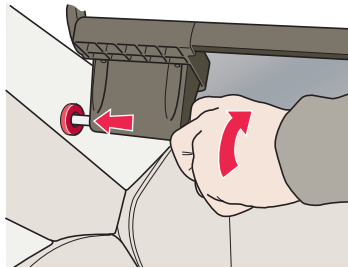


4. Locate the two tabs in to the openings provided in the rear seat backs.



5. With the tabs located line up the location pins and locate the two locking pins either side in the openings provided.

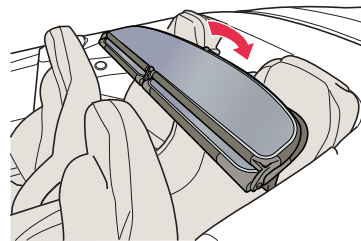
Twist the pins (left or right) to release and make sure they locate correctly.



Operation

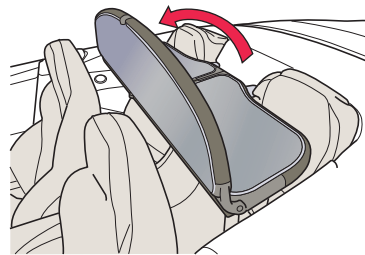
Lowered

Grab the top of the raised section and lower until a locating 'click' is heard.



Raised

Grab the rear of the top section and pull upwards (90°) until a locating 'click' is heard.



Removal

Remove the wind deflector from the vehicle by reversing the procedure to install.



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Climate Control

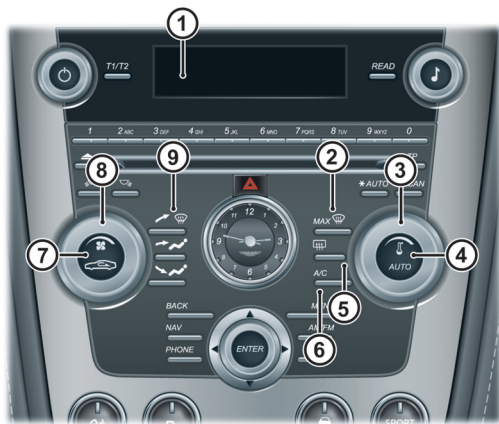
Contents


Operating Tips	7.2
Control Switches	7.3
Airflow Modes.....	7.4
Automatic Operation	7.6
Manual Operation.....	7.7
Solar and Temperature Sensors	7.8
Display Units.....	7.8

Operating Tips

- A solar sensor is installed on top of the instrument panel, this should not be covered when driving
 - The intake grille of the in-vehicle temperature sensor is located in the driver's knee bolster, close to the centre console. To make sure of optimum temperature control this grille should not be obstructed
 - Moisture which forms on the evaporator in the air conditioning unit is discharged via a drain tube onto the road. After stopping, small puddles of water may form underneath the vehicle. This is normal and does not indicate a system malfunction
 - Operate the climate control system with the engine running
- Clear all obstructions like leaves, snow and ice from the hood and the air inlet in the front grille to improve the system efficiency
 - Windows may fog up easily in humid weather. Use the climate control system to demist the windows
 - To help demist the windows, operate the air conditioner to dehumidify the air
 - Use the 'outside air' position in normal conditions. The 'recirculated air' position should be used temporarily when driving on dusty roads or for quick cooling or heating of the interior
 - If the vehicle has been parked in direct sunlight during hot weather, open the windows to let warm air escape, then close the windows and run the climate control system
- Run the climate control system at least once a month to keep internal parts lubricated
 - Have the climate control system checked before the weather gets hot. If the climate control system is low on refrigerant or has a malfunction, consult your Aston Martin Dealer
 - The vehicle is equipped with a pollen filter. It is necessary to change the filter periodically as indicated in scheduled maintenance. Consult your Aston Martin Dealer

Control Switches



- 1 **DISPLAY** - Presents options, menus and information.
- 2 **MAX**  - Press for maximum defrost or demist. Press again to switch OFF. Outside air intake is automatically selected and air conditioning is automatically started.
- 3 **TEMPERATURE** - Set the required in vehicle temperature. Turn clockwise for hot and counterclockwise for cold. The selected temperature is shown on the **DISPLAY**.
- 4 **AUTO** - Press for automatic climate control operation (Refer to 'Automatic Operation', page 7.6).
- 5 **A/C** - When in Manual mode press and release to turn the air conditioning ON. Press the button again to turn the air conditioning OFF.


- 6 **HEATED REAR WINDOW** - Press to activate the rear window heater. Switches OFF after 20 minutes if not manually switched OFF. When the heated rear window is activated the door mirror heaters will work for 12 minutes, then switch OFF.
- 7 **AIR CIRCULATION** - Controls the source of air entering the vehicle. Press to select recirculated air (button LED ON). Press again to select outside air as source.
Use the recirculated air position when going through tunnels, driving in congested traffic (high engine exhaust areas) or when maximum cooling is required.
On start up the default position is outside air as source. Use this position for normal conditions and demisting.

⚠ Warning

*** Do not select recirculated air in cold or rainy weather, it may cause the interior glass to mist up.**

8 FAN SPEED - Turn the fan speed dial to set the required fan speed (clockwise for fast speed and counterclockwise for low speed). The fan speed is displayed on the **DISPLAY**.

9 AIRFLOW - Select the required airflow. The selected airflow mode is shown on the **DISPLAY** (Refer to 'Airflow Modes', page 7.4).

 Air conditioning may not function when the outside temperature approaches 0°C (32°F) (Indicator stays ON even when system is OFF).

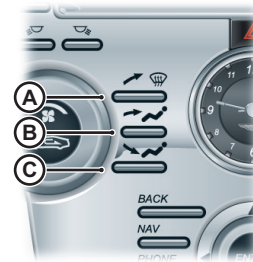
Airflow Modes

Press and release each button to activate or deactivate an airflow mode. By pressing one or more buttons at a time, seven airflow modes are available.

Mode	Button(s)
Windshield and Door Windows ^a	A
Face Only	B
Feet Only ^b	C
Windshield, Door Windows and Face	A+B
Windshield, Door Windows and Feet ^c	A+C

- a. In addition a small bleed of air is directed into the face vents.
 b. In addition a small bleed of air is directed to the face vents, the windshield and door windows.
 c. In addition a small bleed of air is directed into the face vents.

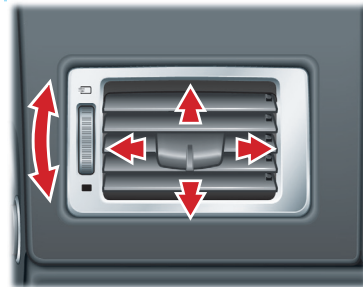
Mode	Button(s)
Face and Feet	B+C
Windshield, Door Windows, Face and Feet	A+B+C





Adjusting the Vents

To adjust the air flow vents:





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Automatic Operation


Press **AUTO**. Using the **TEMPERATURE** dial set the required in-vehicle temperature (read the actual temperature setting in the top left of the **DISPLAY**). The **A/C** button LED will come ON.


Adjustments to fan speed, air flow and air recirculation will be made automatically according to the set temperature, interior and exterior conditions.


 When using the air conditioner, mist may come out from the vents. This is not a sign of trouble but a result of humid air being suddenly cooled.

 If resetting climate control functions other than the fan speed, the fan speed will stay set as in automatic mode. Adjustments to the fan speed will cancel Auto Mode.


Defrost and Demist

 **To defrost or demist the windshield on vehicle start up in extreme cold weather conditions, run the engine at 1500 rpm. Always make sure that Neutral (manual) or Park (automatic) is selected and the parking brake is applied.**

Press **MAX** . The outside air intake is automatically selected, the temperature is set to maximum and A/C is started.

 If the engine is cold the A/C will not start up until the engine has started to warm up.

To cancel Automatic defrost or demist either:


- Press **MAX**  again
- or
- Press **AUTO**
- or
- Press any of the airflow mode buttons


Heating and Cooling


1. Set the required fan speed.
2. Set the required temperature.
3. Select the required air flow.



If dehumidifying is required, press the **A/C** button (button LED ON).

To cease dehumidifying press **A/C** button (button LED OFF).


 When using the air conditioner, mist may come out from the vents. This is not a sign of trouble but a result of humid air being suddenly cooled.


 Setting the temperature to maximum high or low will not provide the required temperature at a faster rate. To prevent cool air blowing from the vents when heating immediately after starting a cold engine, the amount of airflow is reduced until the air warms up.


 The vehicle heater will continue to produce the selected temperature regardless of in-vehicle conditions.


 When maximum cooling is required, set the **TEMPERATURE** dial to the extreme cold position and press the **AIR CIRCULATION** button to the re-circulated air position ( will show in the **DISPLAY**), then set a fast fan speed.

Defrost and Demist

 **To defrost or demist the windshield on vehicle start up in extreme cold weather conditions, run the engine at 1500 rpm. Always make sure that Neutral (manual) or Park (automatic) is selected and the parking brake is applied.**

1. Press **A/C**.
2. Press the   airflow button.
3. Set the required temperature and fan speed.

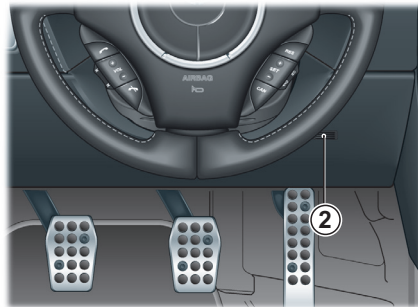
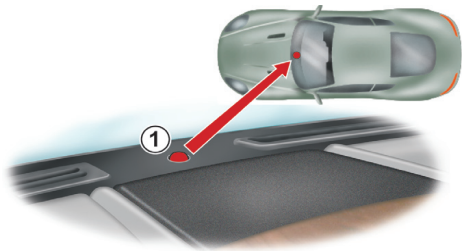
 If the engine is cold the A/C will not start up until the engine has started to warm up.

 For maximum defrost or demist set the temperature and fan speed dials to maximum.

Solar and Temperature Sensors

The automatic air conditioner function measures inside and outside temperatures, and sunlight. It then sets temperatures inside the passenger compartment accordingly. To make sure of effective operation do not obscure the following sensors.

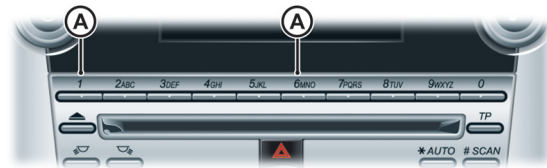
- 1 Solar sensor.
- 2 In-vehicle temperature sensor.



Display Units

To change the **DISPLAY** units from °C to °F or °F to °C.

Press and hold in buttons 1 and 6 (A). Insert the vehicle key in the Ignition Control and move to position 'II' (ignition ON), then release the two buttons.



Audio

Contents

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Introduction

The Audio system is an integrated part of the Infotainment system.

Aston Martin Audio System

Radio - AM and FM radio. 10 AM and 20 FM presets.

Satellite Radio (Option)

CD - Six CD autochanger.

Power Output - 700W.

Dolby Pro-Logic II

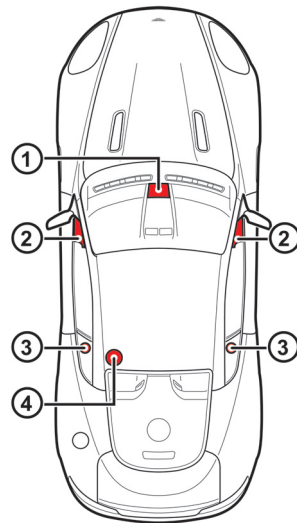
iPod®¹ - Connection port.

USB Device - Connection port.

Auxiliary Input - Connection port.

Speakers

- 1 100W centre-fill speaker.
- 2 Two door-mounted 100W speakers, each with mid-range and tweeter units.
- 3 Two rear environment 100W speakers, each with mid-range and tweeter units.
- 4 200W subwoofer housed under the rear environment left seat.



¹ iPod is a trademark of Apple Inc.

Bang & Olufsen Audio System

Radio - AM and FM radio. 10 AM and 20 FM presets are available.

Satellite Radio (Option)

CD - Six CD autochanger.

iPod₁ - Connection port.

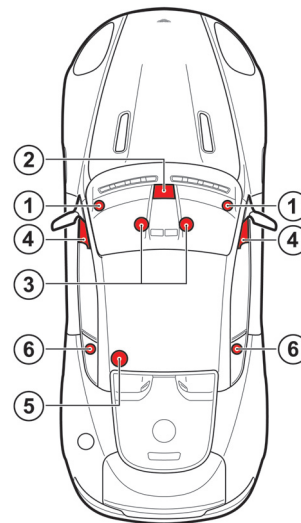
USB Device - Connection port.

Auxiliary Input - Connection port.

Power Output - 974W.

Speakers

- 1 Two ¾ in (19 mm) (soft dome) tweeters incorporating Acoustic Lens Technology (ALT).
- 2 Centre: Two speakers: One 3½ in (90 mm) midrange in closed cabinet and one ¾ in (19 mm) (soft dome) tweeter.
- 3 Footwell: Two 5½ in (140 mm) woofers in closed cabinets.
- 4 Two 3½ in (90 mm) midrange speakers in closed cabinets.
- 5 One 8 in (200 mm) subwoofer housed in closed cabinet under the rear environment left seat.
- 6 Rear environment: Four speakers: One 3½ in (90 mm) midrange + one ¾ in (19 mm) (soft dome) tweeter in each rear quarter.

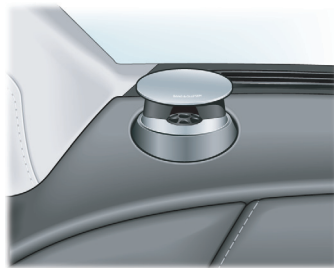


¹. iPod is a trademark of Apple Inc.

Acoustic Lens Technology

Acoustic Lens Technology (ALT) gives a wide (180°) horizontal dispersion of high frequencies. This prevents the loss of critical sound and gives listeners an improved sense of space, staging and realism, even when not sitting in the optimal location¹ for listening to two-channel stereo reproductions.

Two motorized acoustic lenses, mounted on either side of the dashboard, rise when the system is switched ON and stay raised until the Audio system is switched OFF.



Audio Essentials

- 1 ON/OFF** - Press for audio ON and OFF.
- 2 VOLUME** - Volume control.
- 3 KEYPAD** - Use the numbers as menu short-cuts. Press the number corresponding to the menu number.
- 4 DISPLAY** - Presents options, menus and information.
- 5 SOUND** - Press and hold to enter sound setting mode. Press repeatedly to move through settings. Rotate to set. When in iPod or USB mode a press and release will enable file viewing.
- 6 TUNING** - Rotate to navigate through menu options.
- 7 MENU** - Opens the main menu.
- 8 AM/FM** - Press to select radio as audio source.

¹ For the optimal location to listen to two-channel stereo reproductions, the listener should be sitting equidistant from both loudspeakers on the apex of an equilateral triangle.



- 9** *MODE* - Press repeatedly to select audio source.
- 10** *ENTER* - Select in the menu, activate a selection.
- 11** *JOYSTICK* - Press up or down to navigate in the menus. Press left or right to set levels when adjusting the Equalizer.
- 12** *BACK* - Press to move back one action. Press and hold to move back to the default screen.

Steering Wheel Controls


- 13** *VOLUME* - Volume control.

Operation

The audio system is available with the vehicle key at least in position 'I' and stays active until the vehicle key is removed from the Ignition Control.

If the audio system is ON when the ignition is switched OFF and the vehicle key removed, it will automatically start the next time the vehicle key is moved to position 'I'.

Press **ON/OFF** to switch the Audio system ON. Press again to switch the Audio system OFF.

 *When the Audio system is switched ON the volume will be at the same level it was when the Audio system was switched OFF.*

The **JOYSTICK**, **ENTER** and **BACK** will not operate if Satellite Navigation is active (**NAV** button LED ON) either press:

- The **NAV** button to de-activate Satellite Navigation (**NAV** button LED OFF)
- Or press any Audio button other than **BACK**, **ENTER** and **JOYSTICK**

to access controls for Audio.

 *Pressing the **AM/FM** or **MODE** buttons will move the current audio source.*

Sound Source

To select radio, at any time while the Audio system is ON, press the **AM/FM** button repeatedly to navigate between the radio bands.

To select other audio sound sources (CD, iPod, USB, AUX, SAT 1 or SAT 2) press the **MODE** button repeatedly to navigate through the sound source choices.

Battery Protection Mode

Using the Audio system, with the vehicle key at position 'I' (ignition OFF) will drain the battery charge. A warning message will show in the message centre (right) when the battery charge is low (Refer to 'Battery Protection Mode', page 11.34).


Menus


The Audio menu is only available when audio is ON. Press **MENU** to access the main menu. The menu for the active audio source (i.e. radio, CD, iPod, etc.) will be available.

Search Path

Menu paths are indicated for each operation in the following format:

<FM Menu...> (Enter) <Advanced radio settings...> (Enter)

 In this chapter when asked to 'Press' a button, this means 'Press and release'. When this is not the case it will be clear in the text.

Several menu options will require a cross in a box  to activate an option. Once the menu item is highlighted press **ENTER** to either place a cross in the box or delete the cross. Then press and hold **BACK** to accept and return to the main screen.

Active Sound Control

This vehicle has a speed-dependent volume feature known as Active Sound Control (ASC). This adjusts the volume automatically depending on the speed of the vehicle.

Press **MENU** and navigate to sound source menu <AM, FM, CD, iPod, USB, AUX, SAT 1 or SAT 2 menu...> (Enter) <Audio settings...> (Enter) <Auto. volume control>. Select <Low>, <Medium> or <High> (Enter).

Original Settings

Radio Functions

Resets all radio settings to the original factory settings.

Press **MENU** and navigate to <FM Menu...> (Enter) <Advanced radio settings...> (Enter) <Reset all...> (Enter). Press **ENTER** again to confirm.

Sound Settings

Resets all sound settings to the original factory settings:

Press **MENU** and navigate to sound source menu <AM, FM, CD, iPod, USB, AUX, SAT 1 or SAT 2 menu...> (Enter) <Audio settings...> (Enter) <Reset all...> (Enter). Press **ENTER** again to confirm.

Aston Martin Audio Sound Settings


To access sound settings:

- Press and hold **SOUND** to enter sound setting mode. Then press repeatedly until the required sound setting is shown on the **DISPLAY**.

or

- Press **MENU** and navigate to the sound source menu <AM, FM, CD, iPod, USB, AUX, SAT 1 or SAT 2 menu...> (Enter) <Audio Settings...> (Enter) <Sound settings...> (Enter).

Rotate the **TUNING** dial to the desired setting.

 *The level for the centre speaker can only be set if either Dolby Pro-Logic II or 3 Channel has been selected from the sound source menu.*

Bass - Level for Bass

Treble - Level for Treble

Fader - Balance between the front and rear speakers

Balance - Balance between the left and right speakers

Surround - Level for surround sound

Subwoofer - Level for subwoofer

Centre - Level for centre speaker

Surround - Level for surround sound


Setting the Surround Sound

Press **MENU** and navigate to the sound source menu <AM, FM, CD, iPod, USB, AUX, SAT 1 or SAT 2 menu...> (Enter) <Audio Settings...> (Enter) <Surround (AM, FM, CD, iPod, AUX, SAT 1 or SAT 2)...> (Enter). Select <Dolby Pro-Logic II>, <3 Channel> or <Off> (Enter).

Press and hold **BACK** to return to the main display.

The symbol for Dolby Pro-Logic II is shown on the **DISPLAY** if <Dolby Pro-Logic II> is selected. '3CH' is shown on the **DISPLAY** if <3 Channel> is selected.

<Off> means the system is in normal stereo mode.

 *Dolby Pro-Logic II is not available in Radio mode.*

Equalizer

Fine adjustment of the sound from the speakers:

Press **MENU** and navigate to the sound source menu <AM, FM, CD, iPod, USB, AUX, SAT 1 or SAT 2 menu...> (Enter) <Audio Settings...> (Enter) <Equaliser...> (Enter).

Move the **JOYSTICK** left or right to set the level. Use the **JOYSTICK** (up or down) to select the next frequency. Five frequencies can be adjusted.

Press **ENTER** to save any changes and exit. Press **BACK** to exit without saving any changes.

Dolby Surround Pro-Logic II

Dolby Surround Pro-Logic II, with its centre speaker in the dashboard, provides more realistic sound reproduction.

The normal left and right stereo channels are divided into left-centre-right. In addition, ambient surround sound is produced through the rear speaker channels.

Dolby Surround Pro-Logic II and the Dolby icon are trade-marks of Dolby Laboratories Licensing Corporation. The Dolby Pro-Logic II Surround System is manufactured under license from Dolby Laboratories Licensing Corporation.



Not available in Radio mode.



ASTON MARTIN

Bang & Olufsen Audio Sound Settings

To access sound settings press and hold **SOUND** to enter sound setting mode. Then press repeatedly until the required sound setting is shown on the **DISPLAY**. Rotate the **TUNING** dial to the desired setting.

Bass - Level for Bass

Treble - Level for Treble

Fader - Balance between the front and rear speakers

Balance - Balance between the left and right speakers

Surround - Level for surround sound

Sound Focus


The focus of the sound from the Audio system can be optimised for either the Driver or Driver and Passenger.

Select:

Driver - The focus of the sound is optimised for the Driver only.

Front - The focus of the sound is optimised for both the Driver and the Passenger.

Auto - The Audio system automatically detects if Driver only or Driver and Passenger are present.

 *The Audio system detects seat occupancy by seat belt engagement.*

Radio Functions

- 1 **ON/OFF** - Audio ON and OFF.
- 2 **VOLUME** - Volume control.
- 3 **DISPLAY** - Presents options, menus and information.
- 4 **TUNING** - Rotate to manually search stations or navigate in the menus.
- 5 **TP** - Not used.
- 6 **SCAN** - Find and store the strongest stations.
- 7 **AUTO** - Automatic station search.
- 8 **MENU** - Opens the main menu.
- 9 **AM/FM** - Shift between FM1, FM2 and AM.
- 10 **ENTER** - Select in the menu, activate a selection.



- 11 JOYSTICK** - Press left or right to auto search the next station. Press and hold left or right to manually select a station. Press up or down to navigate in the menus or preset stations.
- 12 BACK** - Press to navigate back one in the menu. Press and hold to navigate back to the default screen. Cancel a selection.
- 13 KEYPAD** - Set station presets and menu shortcuts.


Steering Wheel Controls

- 14 SCROLL** - Navigate through the preset radio stations.
- 15 VOLUME** - Volume control.

Automatic Tuning

Select FM1, FM2 or AM using the **AM/FM** button. Press the **JOYSTICK** (left or right) to search for the next strong station.

Press left or right again to initiate a new search.

 *If no stations are found press either button again to cancel.*

Manual Tuning

There are two ways to tune into a station manually.

- Rotate the **TUNING** dial to set the desired frequency.
- Press and hold the **JOYSTICK** left or right.

The frequency rolls slowly in the selected direction and increases speed after a few seconds.

Release the button when the desired frequency appears on the **DISPLAY**. If the frequency needs adjusting, briefly touch one of the arrows.

Storing Stations

10 stations can be stored for FM1, FM2 or AM (a total of 30 stations). To store stations:

Tune to the desired station. Press and hold the **KEYPAD** button (0-9) where the station is to be stored. The sound will be muted for a couple of seconds and 'Station Stored' will show on the **DISPLAY**.


Select a stored station by either pressing a **KEYPAD** (0 to 9) button or use the **SCROLL** button to scroll through the station list.

Autostoring Stations

Up to ten AM or FM stations can be automatically tuned and stored in a separate memory.

Select FM1, FM2 or AM using the **AM/FM** button. Start the search by pressing and holding **AUTO** (more than two seconds).

'Autostoring.' appears on the **DISPLAY** and a number of strong stations (maximum ten) from the selected frequency band are stored in the autostore memory. If there are no stations that are sufficiently strong, 'No AST Found' appears on the **DISPLAY**.

 *If more than ten stations are found, the ten strongest are selected. This function is particularly useful if you are in an area in which you are unfamiliar with the radio stations and their frequencies.*

The stations are stored on the **KEYPAD** (buttons 0-9). When the radio is in autostore mode, 'Autostoring' is shown on the **DISPLAY**.

Return to the ordinary radio mode by pressing and releasing **AUTO** (less than 0.7 seconds). Pressing and releasing either **AUTO** or **BACK** will also cancel Autostoring.

Select an Auto stored station by pressing **AUTO**, then a **KEYPAD** (0 to 9) button or the **SCROLL** button to scroll through the station list.

Automatic Search for Transmitter


'PI seek' appears on the **DISPLAY** when reception is poor for the selected station. The radio automatically searches for the strongest transmission for that station. 'PI seek Back to cancel' is shown on the **DISPLAY** until the station is found.

Scanning

Scanning automatically searches for the next strong FM or AM station signals. When the radio finds a station, scanning pauses for approximately eight seconds, after which it continues.

Select FM or AM with the **AM/FM** button.

Press **SCAN**. 'Scan' appears on the **DISPLAY** and each found station will play for approximately eight seconds. Press **SCAN** or **BACK** to accept the station.

 *If no stations are found press either button again to cancel.*


Programme Type

Use the Programme Type (PTY) function to select between the various programme types.

PTY - ON or OFF

Press **MENU** and navigate to <FM Menu...> (Enter) <PTY...> (Enter) <Show PTY> (Enter).

When active the set station's programme type will be shown on the **DISPLAY**, e.g. Current affairs, Information, Drama, Rock music, etc.

 *Not all radio stations have a PTY designation.*

Searching for a Specific PTY

Press **MENU** and navigate to <FM Menu...> (Enter) <PTY...> (Enter) <PTY...>. Press **ENTER** for one or more of the listed programme types. The PTY symbol on the **DISPLAY** comes ON up when the first selection is made and the radio is set to stand-by for PTY. Press **BACK** to go back.

Navigate to <FM Menu...> (Enter) <PTY...> (Enter) <Search PTY> (Enter). If the radio finds a station with the selected programme type, this is played.

If a station with the selected programme type can not be found, the **DISPLAY** shows 'No Station Found' and the radio returns to the previous frequency.

PTY is then on stand-by until the selected programme type is broadcast. When this happens, the radio automatically switches to the station broadcasting the selected programme type.

Clear All PTY

Press **MENU** and navigate to <FM Menu...> (Enter) <PTY...> (Enter) <Clear all PTY...> (Enter).

The PTY symbol disappears from the **DISPLAY** and the radio returns to normal mode.

Automatic Frequency Updating

The Automatic Frequency (AF) Updating function is normally activate and makes sure that the radio tunes to the strongest available transmitter.

AF - ON or OFF

Press **MENU** and navigate to <FM Menu...> (Enter)
<Advanced radio settings...> (Enter) <AF> (Enter).

When active 'AF' is shown on the **DISPLAY**.

Radio Menu

Aston Martin Audio

- 1) FM Menu...
 - 1) News
 - 2) PTY...
 - 1) Select PTY...
 - 2) Search PTY
 - 1) Clear all PTY...
 - 2) Select PTY station
 - 3) Show PTY (ON or OFF)
 - 3) Radio text
 - 4) Advanced Radio Settings...
 - 1) TP...
 - 1) TP station...
 - 2) TP search
 - 2) News station...
 - 3) AF
 - 4) Regional
 - 5) EON...
 - 6) Reset all...
 - 5) Auto. volume control

- 6) Audio Settings...
 - 1) Surround FM...
 - 2) Equalizer...
 - 3) Auto. volume control
 - 4) Sound settings...
 - 5) Reset all...

1) AM Menu...

- 1) Audio Settings...
 - 1) Surround AM...
 - 2) Equalizer...
 - 3) Sound settings...
 - 4) Auto. volume control
 - 5) Reset all...

Bang & Olufsen Audio

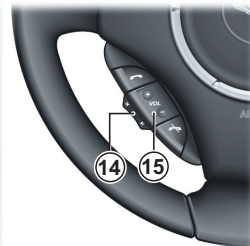
- 1) FM Menu...
 - 1) News
 - 2) PTY...
 - 1) Select PTY...
 - 2) Search PTY
 - 3) Clear all PTY...
 - 4) Select PTY station
 - 3) Show PTY (ON or OFF)
 - 3) Radio text
 - 4) Advanced Radio Settings...
 - 1) TP...
 - 1) TP station...
 - 2) TP search
 - 2) News station...
 - 3) AF
 - 4) Regional
 - 5) EON...
 - 6) Reset all...
 - 5) Auto. volume control...

1) AM Menu...

- 1) Auto. volume control...

Satellite Radio Functions

- 1 ON/OFF** - Press for audio ON and OFF.
- 2 VOLUME** - Volume control.
- 3 DISPLAY** - Presents options, menus and information.
- 4 KEYPAD** - Station presets and menu short-cuts.
- 5 TUNING** - Rotate to manually search stations or navigate in the menus.
- 6 SOUND** - Press for less than three seconds to display song category menu.
- 7 SCAN** - Automatic station search.
- 8 AUTO** - Select radio text.
- 9 MENU** - Opens the main menu.
- 10 MODE** - Select SAT 1 or SAT 2.



- 11 **ENTER** - Select in the menu, activate a selection.
- 12 **JOYSTICK** - Press left or right once to move to the next or previous station. Press to navigate in the menus or select preset stations.
- 13 **BACK** - Press to navigate back one in the menu. Press and hold to navigate back to the default screen. Cancel a selection.

Steering Wheel Controls

- 14 **SCROLL** - Navigate the channel list.
- 15 **VOLUME** - Volume control.

SIRIUS ID

The SIRIUS ID is required when contacting the SIRIUS Call Centre. It is used to activate your account and when making any account transactions. The SIRIUS ID is sometimes referred to as the Electronic Serial Number (ESN).

To access the 12 digit SIRIUS ID:

Press MENU and navigate to <Sirius menu...> (Enter)
<Advanced sirius settings...> (Enter) <Sirius ID> (Enter).

Selecting Satellite Radio Mode

Press **ON/OFF** to switch ON the audio system. Press **MODE** repeatedly to select SAT 1 or 2.

Activating Satellite Radio

Tune to a satellite channel that has no audio, which means that the channel is unsubscribed and the text 'Call 888-539-SIRIUS to Subscribe' is displayed.


Call SIRIUS at 1-888-539-SIRIUS (7474). When asked for the SIRIUS ID number press **AUTO** to display this number.


'Updating Subscription' will be displayed while the subscription is being updated, after which the **DISPLAY** will return to the normal view.

Selecting a Channel Category

With Audio active, press the **MODE** button repeatedly to select SAT 1 or 2. Press **ENTER** to access the song category menu.

Using the **JOYSTICK** navigate through the list of categories and press **ENTER** to select a category. Move left or right to select a channel. Audio starts after a few seconds.

 *The category 'All' is default, which enables you to navigate through the entire list of available satellite channels.*

 *Channel categories are automatically updated several times a year. This takes approximately two minutes and will interrupt normal broadcasting. A message will be displayed while updating is in progress. Information on channel or feature updates is available at www.sirius.com.*

Selecting a Channel

There are three ways of tuning in a channel:

- By pressing and holding the **JOYSTICK** (up or down) or the **SCROLL** button. The scrolling function begins slowly and increases speed after approximately 5 seconds. Release the to listen to the currently tuned channel
- By rotating the **TUNING** dial to navigate through the available channels
- Through direct channel entry

Direct Channel Entry


The SIRIUS satellite channels are numbered consecutively throughout all of the categories.

To access a channel directly:

Press MENU and navigate to <Sirius menu...> (Enter)
<Direct channel entry> (Enter).

Use the **KEYPAD** to enter the channel's number. Press **ENTER**. The radio will tune to this channel, even if it belongs to a category other than the currently selected one.

The numbers of skipped or locked channels will not be displayed.

 If a channel is locked, the access code must be entered before the channel can be selected (Refer to 'Unlocking a Channel', page 8.21).

Scanning

Press **SCAN** to automatically search through the list of satellite channels.

Storing a Channel

A total of 20 satellite channels can be stored; 10 channels each for SAT 1 and 2. A long press on one of the **KEYPAD** numbers stores the currently tuned channel on that key.

Pressing on a **KEYPAD** number while the radio is in SAT 1 or 2 mode will tune to the preset satellite channel stored on that button, regardless of the currently selected channel category.

Song Seek and Song Memory

The Song Seek and Song Memory functions provide both audio and visual notification when SIRIUS is broadcasting your favorite songs. Song Seek enables you to store the name of the song for future advance notification when that song is being played. The Song Memory feature makes it possible to view all of the current songs that are stored in memory.

Song Memory

Up to ten songs can be saved in the system's memory.

When the song is playing press **MENU** and navigate to *<Sirius menu...>* (Enter) *<Add song to song mem>* (Enter).

If a new song is selected when the memory is full, a prompt to delete the last song on the list will show. Press **ENTER** to delete the last song on the list. The remaining songs in the list will move down one position, and the newly added song will be placed at the top of the list.

View Song Memory List

Press **MENU** and navigate to *<Sirius menu...>* (Enter) *<Advanced sirius settings...>* (Enter) *<Song memory>* (Enter).

Scroll through the song list using the **JOYSTICK**₁. Press the **TUNING** dial twice to delete the song if required.

¹. The **TUNING** dial can also be used.

Song Seek

When a satellite radio channel plays one of the songs stored in the song memory, the listener will be alerted by a text message and an audible signal.

Press **ENTER** to listen to the song or **EXIT** to cancel.

To activate or deactivate the song seek function:

Press **MENU** and navigate to *<Sirius menu...>* (Enter) *<Song seek>* (Enter).

When the song has ended, the radio will stay tuned to the channel on which the song was played.

Radio Text

The type of text information displayed about the song currently playing can be changed. Use the **AUTO** button or the menu to display the Artist, Title, Composer, or switch radio text OFF.

Skip Options

This function is used to remove a channel from the list of available channels.

Skip Current Channel

Press **MENU** and navigate to *<Sirius menu...>* (Enter) *<Advanced sirius settings...>* (Enter) *<Skip options>* (Enter) *<Channel Skip List>* (Enter). Select a category in the list and press **ENTER**.

Skip channels in the list by pressing **ENTER**.

Unskip all Channels

This permanently removes all channels from the skip list and makes them available for selection.

Press **MENU** and navigate to *<Sirius menu...>* (Enter) *<Advanced sirius settings...>* (Enter) *<Skip options>* (Enter) *<Channel Unskip all channels>* (Enter).

Temporarily Unskip all Ch.

This function will temporarily unskip all channels and make them available for selection. The channels stay on the skip list and will again be skipped the next time the ignition is switched ON.

Press **MENU** and navigate to <Sirius menu...> (Enter)
<Advanced sirius settings...> (Enter) <Skip options> (Enter)
<Temporarily Unskip all Ch.> (Enter).

Channel Lock

Access to specific channels can be restricted (locked). A locked channel will not provide audio, song titles, or artist information. Channels must be unlocked to be available for selection.

 *All channels are initially unlocked at delivery.*

Locking a Channel

Press **MENU** and navigate to <Sirius menu...> (Enter) <Lock Options> (Enter) <Channel Lock List> (Enter). Enter the channel access code₁ and press **ENTER**. Select a category in the list and press **ENTER**. Lock channels in the list presented by pressing **ENTER**.

The channel is now locked and a checked box will be displayed to indicate this. It will be necessary to enter the channel access code in order to listen to a locked channel.

Unlocking a Channel

A channel's access code₁ is required to unlock a channel.

Press **MENU** and navigate to <Sirius menu...> (Enter)
<Advanced sirius settings...> (Enter) <Lock options> (Enter)
<Channel lock list> (Enter).

₁. The default code is 0000. If the code has been forgotten, view the access code (Refer to 'View Access Code', page 8.23).

Unlock all Channels

This removes all channels from the locked list and makes them available for selection.

Press **MENU** and navigate to *<Sirius menu... >(Enter)>*
Advanced sirius settings... >(Enter)> *Lock options >(Enter)>*
Channel Unlock all channels >(Enter).

Temporarily Unlock All Ch.

This function will temporarily unlock all channels. The channels stay on the locked list and will again be locked the next time the ignition is switched ON.

Press **MENU** and navigate to *<Sirius menu...> (Enter)*
<Advanced sirius settings...> (Enter) *<Lock options> (Enter)*
<Temporary unlock all ch.> (Enter).

Change Code

This function makes it possible to change the channel access code. The default code is 0000.

To change the code:

Press **MENU** and navigate to *<Sirius menu...> (Enter)*
<Advanced sirius settings...> (Enter) *<Lock options> (Enter)*
<Change Code> (Enter). Enter the current code and press **ENTER**.

Enter the new code and press **ENTER**. Confirm the new code and press **ENTER**.

If an incorrect code is entered, the text 'Incorrect Code!' is displayed.

View Access Code

If the access code has been forgotten:

Press **MENU** and navigate to <Sirius menu...> (Enter)

<Advanced sirius settings...> (Enter) <Sirius ID> (Enter).

Press and hold **ENTER** for two seconds. The current code will be displayed.

Your Aston Martin dealer can also provide you with assistance.

SIRIUS Menu

Aston Martin Audio

- 1) SIRIUS menu...
 - 1) Add song to memory
 - 2) Direct channel entry
 - 3) SIRIUS radio text
 - 4) Song seek
 - 5) Advanced SIRIUS settings...
 - 1) Song memory
 - 2) Skip options
 - 1) Channel skip list
 - 2) Unskip all channels
 - 3) Temporally unskip all ch.
 - 3) Lock options
 - 1) Channel lock list
 - 2) Unlock all channels
 - 3) Temporally unlock all ch.
 - 4) Change code
 - 4) SIRIUS ID

- 6) Audio settings...
 - 1) Surround SIRIUS...
 - 2) Equalizer...
 - 3) Auto volume control...
 - 4) Reset all

Bang & Olufsen Audio

- 1) SIRIUS menu...
 - 1) Add song to memory
 - 2) Direct channel entry
 - 3) SIRIUS radio text
 - 4) Song seek
 - 5) Advanced SIRIUS settings...
 - 1) Song memory
 - 2) Skip options
 - 1) Channel skip list
 - 2) Unskip all channels
 - 3) Temporally unskip all ch.
 - 3) Lock options
 - 1) Channel lock list
 - 2) Unlock all channels
 - 3) Temporally unlock all ch.
 - 4) Change code
 - 4) SIRIUS ID
 - 5) Auto volume control...
 - 6) Reset all

CD Changer Functions

Audio

- 1 **ON/OFF** - Audio ON and OFF.
- 2 **VOLUME** - Volume control.
- 3 **DISPLAY** - Presents options, menus and information.
- 4 **KEYPAD** - Buttons 1- 6 to select CD and menu shortcuts.
- 5 **TUNING** - Rotate to manually change CD tracks or navigate in the menu.
- 6 **TP** - Not used.
- 7 **SCAN** - 10 seconds of each track is played. Press once again to select a track.
- 8 **MENU** - Opens the main menu.
- 9 **MODE** - Select CD.



- 10 **ENTER** - Select in the menu, activate a selection.
- 11 **JOYSTICK** - Press left or right to move to the next or previous track. Press left or right and hold to search within a track or the whole CD. The search continues as long as the Joystick is pressed. Press up or down to navigate in the menus.
- 12 **BACK** - Press to navigate back one in the menu, press and hold to navigate back to the default screen. Cancel a selection.
- 13 Opening for CD.
- 14 **EJECT** - Eject CD.

Steering Wheel Controls

- 15 **SCROLL** - Navigate through the music tracks.
- 16 **VOLUME** - Volume control.

⚠ **Use only 4 3/4 in (12 cm). CDs. Do not use CDs with adhesive disc labels. The heat from the CD player can cause the label to come loose from the disc. The CD player could be damaged.**

⚠ **Do not use CDs that are warped or appear warped (critical measurement for CD warp is 0.7 mm (0.03 in) - anything more than this may cause problems). The CD player will not be able hold the CD correctly (because of the warp), this may cause a jam in the CD player.**

📖 *If the quality of the CD does not comply with the requirements of standard EN60908 or if it has been recorded using poor equipment, sound quality may be poor or playback interrupted.*

Loading CDs

The CD changer can hold up to six discs.

Press the **MODE** button repeatedly to select CD. Select an empty position using the **KEYPAD** (buttons 1 to 6) or use the **JOYSTICK** (up or down). The **DISPLAY** shows which positions are empty. Insert a CD into the changer.

Make sure that 'Insert disc' is displayed before inserting a new disc.

Selecting a CD

Select the CD to play using **KEYPAD** buttons 1-6 or the **JOYSTICK** (up or down). The number of the disc and track are shown on the **DISPLAY**.

Changing Tracks

Press the **JOYSTICK** (left or right), the **SCROLL** button, or rotate the **TUNING** dial to play the next or previous track. The track number is shown on the **DISPLAY**.

Fast Forward or Reverse

Press and hold the **JOYSTICK** (left or right) to search forwards or backwards within a track or the whole disc. Searching continues for as long as the button is depressed.

Random Play

Plays tracks from a CD or CDs in random order.

Press **MENU** and navigate to <CD Menu...> (Enter) <Random...> (Enter) Select <Off>, <Single disc> or <All discs> (Enter) for the player to randomly choose from none, one or all CDs.

'RND' or 'RND ALL' is shown on the **DISPLAY** while the function is active. Press the **JOYSTICK** (left or right) or **SCROLL** button to select the next or previous random track.

Press **BACK** to deactivate random play.

Scan

Press **SCAN** to play the first ten seconds of each track. While a scan is in progress press **SCAN** again or **BACK** to play a track.

Pause Mode

When the volume is at zero, play will pause. Reactivate play by turning up the volume.

Disc Text - ON or OFF


Some CDs have title information. The information is displayed as text on the **DISPLAY**.

Press **MENU** and navigate to <CD Menu...> (Enter) <Disc text> (Enter).

If information is stored on the disc, this is shown on the **DISPLAY**.


Ejecting one CD

Press **EJECT**.

 *For traffic safety reasons, the CD stays out for 12 seconds. The player will then draw back in the disc and switch to pause mode. Press CD to reactivate the player.*

Ejecting all CDs

Press and hold **EJECT** (for longer than two seconds). The entire magazine is emptied, CD by CD. 'Eject all' is shown on the **DISPLAY**.

 *This function can only be activated when the vehicle is stationary and is interrupted if the vehicle starts to move. For traffic safety reasons, the ejected CD stays out for 12 seconds. It must then be removed, or the function is cancelled.*

CD Changer Menu

Aston Martin Audio

1) CD Menu...

- 1) Random...
- 1) Off
- 2) Single disc
- 3) All discs
- 2) News
- 3) Disc text
- 4) Audio Settings...
- 1) Surround CD...
- 2) Equalizer...
- 3) Auto. volume control...
- 4) Sound settings...
- 5) Reset all

Bang & Olufsen Audio

1) CD Menu...

- 1) Random...
- 1) Off
- 2) Single disc
- 3) All discs
- 2) News
- 3) Disc text
- 4) Auto. volume control...

iPod and USB Functions

- 1 ON/OFF** - Press for audio ON and OFF.
- 2 VOLUME** - Volume control.
- 3 DISPLAY** - Presents options, menus and information.
- 4 KEYPAD** - Buttons 0 – 9 track selection and menu shortcuts.
- 5 TUNING** - Rotate to manually to change tracks or navigate in the menus.
- 6 TP** - Not used.
- 7 SCAN** - 10 seconds of each track is played. Press once again to select a track.
- 8 MENU** - Opens the main menu.
- 9 MODE** - Select USB, iPod.



10 ENTER - Open the file system, select in the menu, activate a selection.

11 JOYSTICK - Press left or right to move to the next track or previous. Press left or right and hold to search within a track or the whole music folder. The search continues as long as the Joystick is pressed. Press up or down to navigate in the menus.

12 BACK - Press to move back one action. Press and hold to move back to the default screen.

Steering Wheel Controls

13 SCROLL - Navigate through the music tracks.

14 VOLUME - Volume control.

iPod and USB Connection

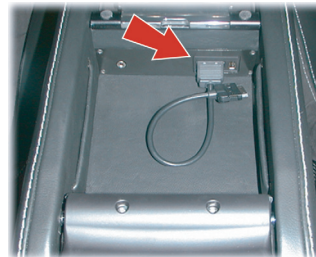
Locate the iPod cable or the USB socket in the armrest cubby box.

Connect the iPod player cable to the iPod cable.
or


Connect the USB device to the USB port.


If not already ON, switch ON the audio system.

Repeatedly press the **MODE** button until either 'iPod' or 'USB' shows on the **DISPLAY**.




The iPod or USB device can now be operated by the Infotainment system.

 The iPod controls will not operate while connected to the vehicle audio system. All functionality will be from the vehicle Audio system.

 *The iPod port is compatible with generation three iPods onwards.*

 *The USB port is only compatible with USB storage devices, e.g. Memory Sticks.*

 *On initial connection and on every engine start the system will synchronize with the connected device. This will take a short while to complete.*

Playing Tracks

Once the mode has been set to either iPod or USB play automatically start.

Selecting Tracks

Press **ENTER** to display the music folder list. Using the **JOYSTICK** (up or down) or the **TUNING** dial navigate through the folder list or music tracks. Press **ENTER** to open a folder or play a track.

Pause Mode

Press **MUTE** to pause play. Press again to resume play. When the volume is at zero, play will pause. Reactivate play by turning up the volume.

Fast Forward and Rewind

Press and hold down the **JOYSTICK** (left or right) to search within a track or the whole music folder. The search continues as long as the button is depressed.

Changing Tracks

Press the **JOYSTICK** (left or right), or the **SCROLL** button, or rotate the **TUNING** dial to play the next or previous track.

Scan

Press **SCAN** to play the first ten seconds of each track. While a scan is in progress press **SCAN** again or **BACK** to play the required track.

Random

Plays tracks from the music folder(s) in random order. Press **MENU** and navigate to <iPod Menu...> or <USB Menu...> (Enter) <Random...> (Enter). Select <Off>, <Folder> or <All> (Enter) for the player to randomly choose from none, one or all music folders.

iPod and USB Menu

'RND' or 'RND ALL' is shown in the **DISPLAY** while the function is active.

Press the **JOYSTICK** (left or right) or the **SCROLL** button to select the next or previous random track.

Aston Martin Audio

1) iPod Menu..., USB Menu...

- 1) Random...
 - 1) Off
 - 2) Folder
 - 3) All
- 2) News
- 3) Track Information
- 4) Audio Settings...
 - 1) Surround iPod or USB...
 - 2) Equalizer...
 - 3) Auto. volume control...
 - 4) Sound settings...
 - 5) Reset all

Bang & Olufsen Audio

1) iPod Menu... or USB Menu...

- 1) Random...
 - 1) Off
 - 2) Folder
 - 3) All
- 2) News
- 3) Track Information
- 4) Auto. volume control...



ASTON MARTIN

Auxiliary Functions

Audio



- 1 **ON/OFF** - Press for audio ON and OFF.
- 2 **VOLUME** - Volume control.
- 3 **DISPLAY** - Presents options, menus and information.
- 4 **KEYPAD** - Menu short-cuts.
- 5 **TUNING** - Rotate to navigate in the menus.
- 6 **TP** - Not used.
- 7 **MENU** - Opens the main menu.
- 8 **MODE** - Select AUX.
- 9 **ENTER** - Select in the menu, activate a selection.
- 10 **JOYSTICK** - Press up or down to navigate in the menus.
- 11 **BACK** - Press to move back one action. Press and hold to move back to the default screen.
- 12 **VOL** - Volume control on the steering wheel.

Steering Wheel Controls

12 **VOLUME** - Volume control.

The auxiliary input socket is provided to connect audio devices which can not be connected using the iPod or USB connections.


When an audio device is connected to the Infotainment system using the auxiliary socket all control of the device will stay with the device.

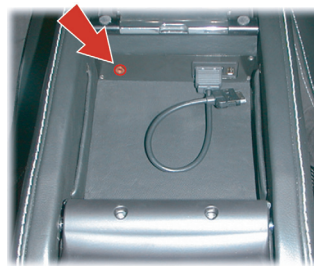
Audio Device Connection

Locate the Auxiliary socket in the armrest cubby box and connect the audio device to the auxiliary socket using a suitable cable.

If not already ON, switch ON the audio system. Repeatedly press the **MODE** button until 'AUX' shows on the **DISPLAY**.

The media device will now play through Infotainment system.

 *Only volume control will be available from the vehicle audio system. All other functionality will be from the Audio device.*



Audio Device Volume

The vehicle audio system volume can be set at a higher or lower starting volume for the audio device.

Press **MENU** and navigate to <AUX menu...> (Enter) <AUX input volume...> (Enter). Rotate the **TUNING** dial to set the volume level.

Press and hold **BACK** to return to the main display.

AUX Menu

Aston Martin Audio

1) AUX Menu...

- 1) AUX input volume...
- 2) News
- 3) Audio Settings...
 - 1) Surround AUX...
 - 2) Equalizer...
 - 3) Auto. volume control...
 - 4) Sound settings...
 - 5) Reset all

Bang & Olufsen Audio

1) AUX Menu...

- 1) AUX input volume...
- 2) News
- 3) Auto. volume control...



ASTON MARTIN



ASTON MARTIN

Hands-Free Phone


Contents


Introduction.....	9.2	Removing a Paired Phone	9.10
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Hands-Free Phone Active.....	9.4	Calls.....	9.11
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Connecting a Phone.....	9.6	Last Ten Numbers	9.13
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Introduction

A mobile device equipped with Hands-Free (Bluetooth) capability can be connected wirelessly to the vehicle's Hands-Free phone system. The vehicle's Hands-Free phone system then provides remote control of a range of the mobile phone's functions. The mobile phone can always be operated by its own keys regardless of whether or not it is connected.

The Hands-Free system is active when the vehicle key is in position 'I' or 'II'. If, during a call, the vehicle key is moved to position '0' or removed the call will transfer to the mobile phone after approximately six seconds.

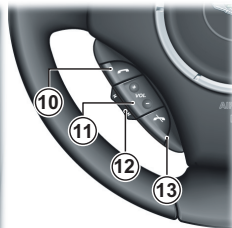
 **Automatic Transmission Only:** *The Hands-Free phone system uses the internal antenna of the mobile phone. Placing the mobile phone in the trinket tray may degrade the Hands-Free system performance.*

 *The Hands-Free phone system will not recognize a mobile phone, even if it is 'paired' (Refer to page 9.6), if the mobile phone does not have Bluetooth enabled. For more information refer to the user's guide for your mobile phone.*

 *The Hands-Free phone system does not support SMS (text messages).*

Hands-Free Functions




- 1 VOLUME** - Volume control.
- 2 DISPLAY** - Presents options, menus and information.
- 3 TUNING** - Navigate through phone book and menus.
- 4 MENU** - Opens the main menu.
- 5 ENTER** - Press to answer or make a call. Select in the menu, activate a selection.
- 6 JOYSTICK** - Navigate in the menus. Move forwards or backwards when entering text and digits.
- 7 PHONE** - Press to activate phone mode. Press and hold to deactivate phone mode.
- 8 BACK** - End a call. Navigate back in the menu. Cancel a selection. Erase the previous character when entering text and numbers.
- 9 KEYPAD** - Search through the phone book. Speed dial. Navigate in the menu.



Steering Wheel Controls

- 10 CALL** - Press to answer a call. Press to return to phone mode from audio when phone mode is active.
- 11 VOLUME** - Volume control during a call.
- 12 SCROLL** - Navigate in the menus.
- 13 CANCEL** - Press to end a call. Press to enter audio mode when phone mode is active.

Hands-Free Phone Active

When the Hands-Free system is active the  symbol will show in the **DISPLAY**. During a call this symbol will change to . When a mobile phone is connected to the Hands-Free system the  symbol will show in the **DISPLAY**.

If, after 30 seconds, the Hands-Free Phone has not been used, the Infotainment system will default to audio functions. Return to Hands-Free Phone functions by pressing **PHONE** or **CALL**.


Menus


The phone menu is only available when the Hands-Free phone system is active. Press **PHONE** to activate. Press **MENU** to access the main menu.

Search Path

Menu paths are indicated for each operation in the following format:

<Phone menu...> (Enter) <Phone settings...> (Enter)
<Sounds and volume...>

 *In this chapter when asked to 'Press' a button, this means 'Press and release'. When this is not the case it will be clear in the text.*

Several menu options will require a cross in a box  to activate an option. Once the menu item is highlighted press **ENTER** to either place a cross in the box or delete the cross. Then press and hold **BACK** to accept and return to the main screen.


Call Menu

Press **MENU**, **ENTER** or **CALL** during an ongoing call to access the following functions

Mute microphone - The Hands-Free system microphone is muted.

Transfer call to mobile or Transfer call to vehicle - The call can be transferred to or from the mobile phone or the vehicle phone.

Phone book - Access the phone book during a call.

 *Some mobile phones will terminate the connection when the privacy function is used. This is normal. The vehicle system asks if you want to reconnect.*

Call Volume

During a call the call volume can be regulated using the **VOLUME** dial or button.

Audio System Volume

The audio source can be automatically muted for incoming calls:

Press **MENU** and navigate to <Phone menu...> (Enter)
<Phone settings...> (Enter) <Sounds and volume...> (Enter)
<Mute radio> (Enter) to activate or deactivate.

If mute radio is deactivated switch to one of the audio sources to control the audio system volume during an ongoing call.

Audio System Control

Not during a call.

While in Phone mode press **CANCEL** to return to the audio source. The steering wheel controls will then operate the audio volume and preset station or music track selection.

When the audio source is active while Phone mode is active press **CALL** to return to Phone mode.


Ring Volume

Press **MENU** and navigate to <Phone menu...> (Enter)
<Phone settings...> (Enter) <Sounds and volume...> (Enter)
<Ring volume> (Enter). Adjust using the **TUNING** dial.

Ring Signals

The vehicle system has integrated ring signals that can be selected:

Press **MENU** and navigate to <Phone menu...> (Enter)
<Phone settings...> (Enter) <Sounds and volume...> (Enter)
<Ring signal> (Enter) <Select Ring signal 1, 2, 3 etc.> (Enter).

 *The connected mobile phone's ring signal is not deactivated when one of the vehicles integrated signals is used.*


Connecting a Phone

A connection between the vehicle Hands-Free system and a mobile phone is called a 'Paired Link'. When a paired link is set up the Hands-Free system remembers the mobile phone's ID.

Once the Hands-Free system and the mobile phone are paired, the Hands-Free system automatically connects every time the ignition is switched ON if the Hands-Free system is active (Press **PHONE** to activate) on the vehicle and the mobile phone.


A mobile phone can be paired either using the vehicle Hands-Free system or by using the mobile phone.

This system supports paired links with up to five phones.


 *The process of initiating a Hands-Free connection with a phone varies per phone manufacturer. For more information refer to the user's guide for your mobile phone.*

Disconnecting

The mobile phone will **automatically** disconnect when it moved out of the Hand-Free system's range or Bluetooth is made unavailable on the mobile phone.

The mobile phone will **manually** disconnect when the Hands-Free system is deactivated. Press and hold **PHONE** until  disappears from the **DISPLAY**. The function is also deactivated when the ignition is switched OFF.

If the mobile phone has been disconnected during an ongoing call, the call will transfer to the mobile phone.

 *Some mobile phones require that the transfer is confirmed from the phone's keypad.*



Initial Pairing

Use this procedure when pairing the first mobile phone to the Hands-Free system.

Press **PHONE** to activate the Hands-Free system.

The **DISPLAY** will show 'No Paired Phones. Press **ENTER** to Add a Phone. Press **EXIT** to cancel.' Press **ENTER**.

The Hands-Free system will be asked if Bluetooth is in discoverable mode (refer to the mobile phone manufacturer's instructions). If yes, press **ENTER**. After a short while, a list of phones which are in range and in discoverable mode will be displayed.

 If the  symbol is showing in the **DISPLAY** when the ignition is ON, initial pairing can be completed using the mobile phone (Refer to 'Pairing Using the Mobile Phone', page 9.9).


Press the **JOYSTICK** (up or down), **SCROLL** button or rotate the **TUNING** dial to navigate to the required mobile phone and press **ENTER**.

The **DISPLAY** will then ask for a passkey to be entered into the mobile phone. The mobile phone will prompt for the passkey. Enter the passkey into the mobile phone.

The **DISPLAY** will show 'Phone Connecting...' then, if successful, 'Synchronizing'.


Once synchronizing has completed, the mobile phone is ready for use.


 If the passkey is not entered after 20 seconds, the screen will timeout.

 Synchronizing automatically places all the mobile phone contacts onto the vehicle system. This function can be deactivated (Refer to 'Phone Book', page 9.12)

Pairing Additional Phones


Pairing Using the Hands-Free System

 *Disconnect any in use phones before pairing additional phones. If a phone is connected to the Hands-Free system pairing a new phone will not be possible until the Hands-Free system has no active Bluetooth connections.*

 *If, after 30 seconds, the Hands-Free Phone has not been used, the Infotainment system will default to audio functions. Return to Hands-Free Phone functions by pressing **PHONE** or **CALL**.*

Check that the mobile phone has Bluetooth active and visible. Check that the Hands-Free system is active ( symbol will show in the **DISPLAY**).


The Hands-Free system automatically searches for the last used phone. If the last used phone is not found a list of paired phones will be displayed along with <Add phone>. Select <Add phone> to pair a new phone to the system.

 *If the last used phone is found press **MENU** and navigate to <Phone Menu...> (Enter) <Bluetooth...> (Enter) <Change phone...> (Enter) <Add Phone...>.*


Press **ENTER**. The Hands-Free system will asked if Bluetooth is in discoverable mode (refer to the mobile phone manufactures instructions). If yes press **ENTER**. After a short while a list of phones which are in range and in diccoverable mode will be displayed.

Press the **JOYSTICK** (up or down), **SCROLL** button or rotate the **TUNING** dial to navigate to the required mobile phone and press **ENTER**.


The **DISPLAY** will then ask for a passkey to be entered into the mobile phone. The mobile phone will prompt for the passkey. Enter the passkey into the mobile phone.


 *If the passkey is not entered after 20 seconds the screen will timeout.*

The **DISPLAY** will show 'Phone Connecting...' then, if successful, 'Synchronizing'. Once synchronizing has completed the mobile phone is ready for use.

 *Synchronizing automatically places all the mobile phone contacts onto the Hands-Free system. This function can be deactivated (Refer to 'Phone Book', page 9.12)*

Pairing Using the Mobile Phone

 Disconnect any in use phones before pairing additional phones. If a phone is connected to the Hands-Free system pairing a new phone will not be possible until the Hands-Free system has no active Bluetooth connections.

Check that the Hands-Free system is active ( symbol will show in the **DISPLAY**).


Follow the mobile phone manufactures instructions to search and connect to a new bluetooth device. The phone will search for discoverable Bluetooth devices in its range.

Select 'ASTON MARTIN' from the device list. The phone will prompt for a passkey.


Press **MENU** (on the vehicle) and move to <Phone menu...> (Enter) <Bluetooth...> (Enter) <Connect from Mobile Phone> (Enter). The **DISPLAY** will then show a passkey, enter the passkey into the mobile phone.

The **DISPLAY** will show 'Phone Connecting...' then, if successful, 'Synchronizing'.

Once synchronizing has completed the mobile phone is ready for use.

 If 'ASTON MARTIN' does not appear check that the Hands-Free system is active and search again.

 If the passkey is not entered after 20 seconds the screen will timeout.

 Synchronizing automatically places all the mobile phone contacts onto the vehicle system. This function can be deactivated (Refer to 'Phone Book', page 9.12)

Removing a Paired Phone

Using the Hands-Free system

Press **MENU** and navigate to <Phone menu...> (Enter) <Bluetooth...> (Enter) <Remove Phone> (Enter).

A list of paired phones will be displayed. Navigate to the required phone and press **ENTER** to delete or **BACK** to cancel.


Selecting a Phone


Using the Mobile Phone

If not active, press **PHONE** to activate the Hands-Free system.

Using the Mobile phone, follow the manufacturer's instructions to search and connect to a Bluetooth device. The phone will search for discoverable Bluetooth devices in its range. Select 'ASTON MARTIN' from the device list.

Select Connect.

 *The phone to be selected must have Bluetooth active, visible and in close proximity to the Hands-Free phone system.*

 *If 'ASTON MARTIN' does not appear check that the Hands-Free system is active and search again. If 'ASTON MARTIN' still does not appear the mobile phone may not be paired (Refer to 'Pairing Additional Phones', page 9.8).*

Using the Vehicle Hands-Free system

With the Hands-Free system already active, press **MENU** and navigate to <Phone Menu...> (Enter) <Bluetooth...> (Enter) <Change Phone> (Enter). A list of paired phones will be displayed (along with *Add phone*). Navigate to the required phone and press **ENTER** to change or **BACK** to cancel.

Or

Press **PHONE** to activate the Hands-Free system. The system will then scan for the last used mobile phone. If found and it is the mobile required then press **ENTER**. If the last phone is not found the **DISPLAY** will show a list of paired phones within range (with Bluetooth active). Navigate to a phone and press **ENTER** to select that phone.

Making a Call

Press **PHONE**, or **CALL** on the steering wheel controls.

- Press the **JOYSTICK** (up or down), **SCROLL** button, or rotate the **TUNING** dial to select a contact from the phone book. Press **CALL** or **ENTER** to call.

Or

- Dial the number using the keypad and press **CALL** or **ENTER** to call. Press **BACK** to delete a number. Press and hold **BACK** to delete the whole number.

Ending Calls

To end a call press **CANCEL** or **BACK**.

Reject a Call

Press **CANCEL** or **BACK** while the phone is ringing.

Calling Using Voice Recognition

If the mobile phone supports voice dialling:

Press, hold and release **CALL** or **ENTER**. The amount of time require to hold in **CALL** or **ENTER** is dependant on the mobile phone.

Once 'Voice Tag Dialling' shows on the **DISPLAY**, allow one to two seconds before saying a name. The vehicle system will call the contact.

Receiving Calls

To answer an incoming call press **CALL** or **ENTER**.

Automatic Answer

The automatic answer function means that calls are accepted automatically after four rings.

Press **MENU** and navigate to <Phone menu...> (Enter)
<Phone settings...> (Enter) <Call options...> (Enter)
<Automatic answer> (Enter) to activate or deactivate.

Phone Book

The mobile phone's phone book is synchronized automatically to the vehicle system at each connection.

If it is not required to synchronize to phone book:

Press **MENU** and navigate to <Phone menu...> (Enter) <Phone settings...> (Enter) <Synchronizing phone book> (Enter) to activate or deactivate

If the phone book contains a caller's contact information, this is shown in the **DISPLAY**.



If the mobile phone does not support copying of the phone book, 'List is empty' is shown when copying is finished.

Contact Search

Searching for contacts is only performed in the connected mobile phone's phone book. Either:

Press the **JOYSTICK** (up or down), **SCROLL** button, or rotate the **TUNING** dial to bring up the contact list. Navigate to the contact. Press **CALL** or **ENTER** to call.

Or

Use the **KEYPAD** to search the phone book. Press and hold a key (2 to 9) which relates to the first letter of the contact's name. This starts a search in the phone book based on the key's first letter. Navigate to the contact. Press **CALL** or **ENTER** to call.

Or

Press **PHONE**. Press **MENU** and navigate to <Phone menu...> (Enter) <Phone book...> (Enter) <Search> (Enter). Using the **KEYPAD**, enter the first few letters of the contact name, press **ENTER**.

Navigate to a contact. Press **CALL** or **ENTER** to call.

Voice Mailbox


To enter a voice mailbox number:

Press **MENU** and navigate to <Phone menu...> (Enter) <Phone settings...> (Enter) <Call options...> (Enter) <Voice mail number> (Enter) <Enter the number> (Enter).

Or

Press and hold **KEYPAD** number 1 to go to <Voice mail number>. Enter the number and press **ENTER**. Use the stored number by pressing 1 for several seconds.

To change the voice mail number go to *Voice mail number*. Press and hold **BACK** to delete the whole number or press and release to delete individual numbers. Once the number has been deleted then enter a new number.

 *If the mobile phone has the voice mail number already stored then this will be placed into the system when synchronizing during pairing.*

Last Ten Numbers

Last Ten Dialed Numbers

Press **ENTER**. Use the **JOYSTICK** (up or down), **SCROLL** button, or rotate the **TUNING** dial to navigate to the required number. Press **CALL** or **ENTER** to call that number.

Last Ten Missed and Received Numbers

Press **MENU** and navigate to <Phone menu...> (Enter) <Last 10 missed calls> or <Last 10 received calls> (Enter).

Use the **JOYSTICK** (up or down), **SCROLL** button, or rotate the **TUNING** dial to navigate to the required number. Press **CALL** or **ENTER** to call that number.

 *Last ten dialed will also be available.*

Telephone Menu

1) Phone Menu...

- 1) Last 10 missed calls
- 2) Last 10 received calls
- 3) Last 10 dialed calls
- 4) Phone book...
 - 1) Search
 - 2) Copy fr. mobile phone
- 5) Bluetooth...
 - 1) Change Phone...
 - 2) Remove Phone
 - 3) Connect from mobile phone
- 6) Phone settings...
 - 1) Call options...
 - 1) Automatic answer
 - 2) Voice mail number
 - 2) Sounds and volume...
 - 1) Ring volume
 - 2) Ring signals...
 - 3) Mute Radio
 - 3) Synchronizing phone book



ASTON MARTIN



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Satellite Navigation

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Introduction

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Important Safety and Product Information

⚠ Warning: Failure to avoid the following potentially hazardous situations could result in an accident or collision resulting in death or serious injury.

⚠ Always use your best judgement, and operate the vehicle in a safe manner. Do not become distracted by the navigation system while driving, and always be fully aware of all driving conditions. Minimise the amount of time spent viewing the screen while driving and use voice prompts when possible.

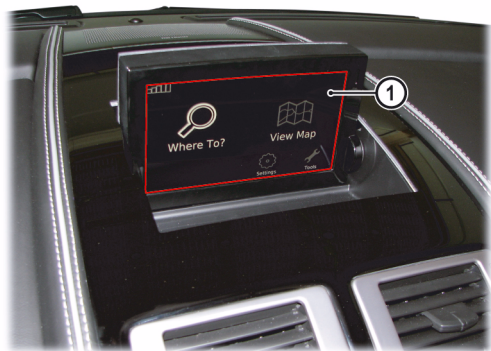
⚠ Do not input destinations, change settings, or access any functions requiring prolonged use of the navigation system controls while driving. Bring the vehicle to a halt in a safe and legal manner before attempting such operations.

⚠ When navigating, carefully compare information shown on the screen to all available navigation sources, including road signs, road closures, road conditions, traffic congestion, weather conditions, and other factors that may affect safety while driving. For safety, always resolve any discrepancies before continuing navigation, and defer to posted road signs and road conditions.

⚠ The navigation software is designed to provide route suggestions. It is not a replacement for driver attentiveness and good judgement. Do not follow route suggestions if they suggest an unsafe or illegal manoeuvre or would place the vehicle in an unsafe situation.

Map Data Information

Garmin uses a combination of governmental and private data sources. Virtually all data sources contain some inaccurate or incomplete data. In some countries, complete and accurate map information is either not available or is prohibitively expensive.



[1] SCREEN: Shows maps and provides detailed information on route type, distance, etc.

[2] BACK: Press to return to the previous menu or to undo a choice.

[3] NAV: Press to enable or disable Satellite navigation controls.


[4] JOYSTICK: Navigate through different menu options, traffic messages, etc.

[5] ENTER: Press to confirm, select or navigate from one submenu to the next submenu.

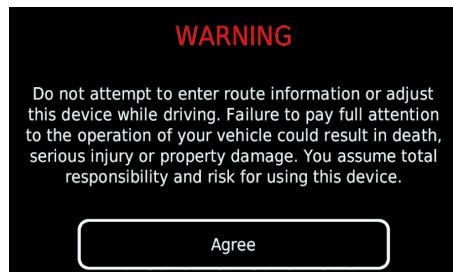
[6] MAP ZOOM: Press the rocker switch up or down to zoom the map in or out.



How to Set the Navigation System ON and OFF

 The screen shots shown in this manual may not exactly match the screens on your navigation system. The images used are intended for reference only.


1. Set the vehicle key to ignition position I or II.
2. Press **NAV** (LED ON). The navigation **SCREEN** will open and the disclaimer screen will show. Press **ENTER** to agree.




While the **NAV** button LED is ON the **BACK**, **ENTER** and **JOYSTICK** functions only operate the Navigation system. To use these functions for Audio or Hands-Free phone functions either:

- Press the **NAV** button again (button LED OFF). or
- Press any Audio button other than **BACK**, **ENTER** and **JOYSTICK**.

Press **NAV** (button LED ON) again to return to Navigation controls.

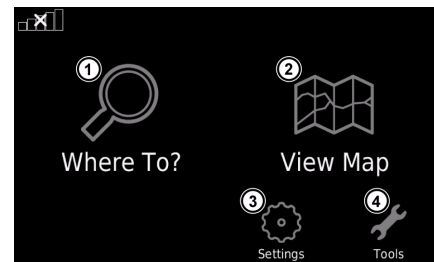
 Pressing the **AM/FM** or **MODE** buttons will move the current audio source.

 The navigation system can be accessed if the ignition is set to **OFF**. Always set the vehicle key to position 0 in the ignition control, and remove the vehicle key when the system is not in use to prevent the battery from discharging.

Navigation System OFF

At any time press and hold the **NAV** button until the system screen starts to close.

Menu Navigation



[1] : Find a destination (Refer to 'Find a Location', page 10.6)

[2] : View the map (Refer to 'Location Map', page 10.7).

[3] : System settings (Refer to 'System Settings', page 10.15).

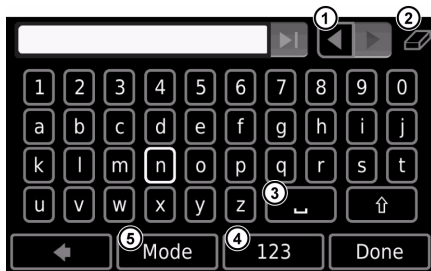
[4] : System tools (Refer to 'Tools', page 10.14)

On-Screen Buttons

Select and hold  to quickly return to the navigation menu.

Select  or  to scroll the screen.

On-Screen Keyboard



[5]  or : Move the cursor.

[6] : Delete a character.

[7] : Add a space.

[8] **123**: Enter numbers and special characters, such as punctuation marks.

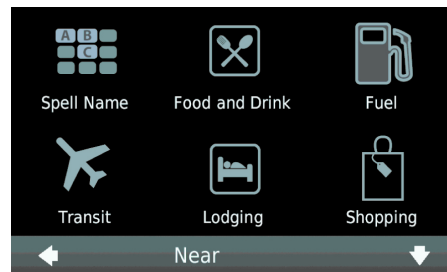
[9] **MODE**: Select the keyboard language.

Find a Location

The Where To? menu provides several different categories you can use to search for locations.

Points of Interest

The detailed maps loaded in the navigation system contain millions of points of interest, such as restaurants, hotels, and transportation.




Point of Interest by Category

From the navigation menu, select *<Where To?> Enter <Points of Interest>*. Select a category.

If necessary, select a subcategory. Select an item.

Point of Interest by Spelling the Name

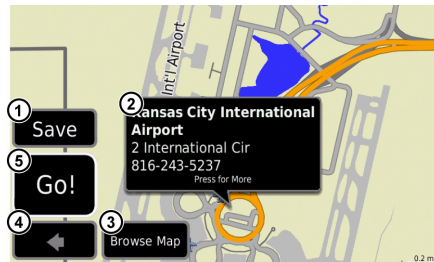
 *Narrow the search results by selecting a category prior to selecting Spell Name.*

From the navigation menu, select *<Where To?> Enter <Points of Interest> Enter <Spell Name>*.

Enter all or part of the name, and select *<Done>*.

Select an item.

Location Map



After a destination is selected, the location shows on the map.

[1] : Save this location to Favourites.

[2] : View more information for the location.

[3] : Explore the map.

[4] : Return to the previous screen.

[5] : Create a route to this location.

Map Zoom

To zoom in or out, select the up or down on the **MAP ZOOM** rocker switch mounted on the steering column.

Start a Route to a Location

Select a location. Select *<Go!>*.

Set a Home Location

Set your home location for the place you return to most often.

From the navigation menu, select *<Tools> Enter <My Data> Enter <Set Home Location>*.

Select *<Enter Your Address>*, *<Use Your Current Location>*, or *<Choose from Recently Found Locations>*.

Go Home


From the navigation menu, select *<Where To?> Enter <Go Home>*.

Edit Home Location

From the navigation menu, select <Where To?> Enter <Favourites> Enter <Home>.

Select <Press for More> Enter <Edit>. Select an option.

Find an Address


 Depending on the version of the maps loaded in your navigation system, the button names and the order of steps could be different from the steps below.

From the navigation menu, select <Where To?> Enter <Address>.

If necessary, change the state, country, or province.

To enter a city name or postal code, select <Spell City>, enter the name or code, and select <Done>.

To search all cities, select <Search All>.

 Not all map data provides postal code searching.

Enter the address number, and select <Done>.

Enter the street name, and select <Done>.

If necessary, select the street and or the address (Refer to 'Location Map', page 10.7).

Location by Browsing the Map

From the navigation menu, select <Where To?> Enter <Browse Map> (Refer to 'Location Map', page 10.7).

Review Recently Found Places

The navigation system stores the last 50 locations.

From the navigation menu, select <Where To?> Enter <Recently Found>.

Clear the List of Recently Found Locations

From the navigation menu, select <Where To?> Enter <Recently Found> Enter <Clear> Enter <Yes>.

All items in the list are removed, but this does not delete the actual location from your navigation system.

Find an Aston Martin Dealership

From the navigation menu, select <Where To?> Enter <Dealerships>. Select a dealer.

Enter Coordinates

If you know the geographic coordinates of your destination, you can use the navigation system to navigate to your destination using the latitude and longitude coordinates.

From the navigation menu, select <Where To?> Enter <Coordinates>.

Enter the coordinates, and select <Done>. Select <Next>.


Change the Map Coordinate Format

From the navigation menu, select <Where To?> Enter <Coordinates> Enter <Format>. Select a format.

Location Using a Phone number

From the navigation menu, select <Where To?> Enter <Phone Numbers>.

Enter a phone number, and select <Done>. If an exact match is found for the phone number, the location is shown.

 Searching by phone numbers is not available in all regions and on all maps.

Location in a Different area

From the navigation menu, select *<Where To?>* Enter *<Near>*.

Select *<Where I Am Now>*, *<A Different City>*, *<A Recent Destination>*, *<A Favourite Destination>*, *<My Current Route>*, or *<My Destination>*. Select *<OK>*.


Find a Different City

The navigation system lists all cities within a 20 mile radius of your current location.

From the navigation menu, select *<Where To>* Enter *<Cities>*.

Select an option:

- Select a city from the list of nearby cities that show
- Select *<Spell>* to enter the name of a city that does not appear on the list. Select an option.

 *The navigation system will navigate you to the centre of the selected city.*

Favourites

You can save places in your Favourites so you can quickly find them and navigate to them. Your home location is also stored in Favourites.

Save Current Location

From the main menu, select *<Tools>* Enter *<Where Am I?>*. Select *<Save Location>*.

Save Found Places

After searching for and finding a destination, you can save it as a Favourite. From the location map, select *<Save>* Enter *<OK>*.

Find Favourites

From the navigation menu, select *<Where To?>* Enter *<Favourites>*.

Edit Favourites

From the navigation menu, select *<Where To?>* Enter *<Favourites>*.

Select the location.

Select *<Edit>*.

Select an item to edit:

<Change Name> - Enter a new name.

<Change Map Symbol> - Select a new symbol used to mark this location on the map.

<Change Phone Number> - Enter a different phone number.

<Change Categories> - Select another category for the location.

Delete Favourites

From the main menu, select *<Tools>* Enter *<My Data>* Enter *<Delete Favourite(s)>*.

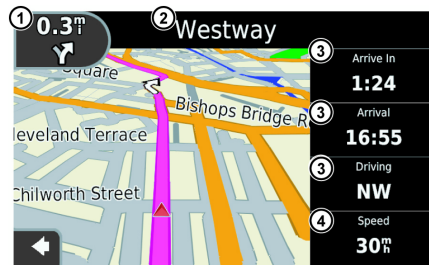
Select a Favourite. Select *<Delete>* Enter *<Yes>*.

Map Features

⚠ The speed limit icon feature is for information only and does not replace the driver's responsibility to abide by all posted speed limit signs and to use safe driving judgment at all times.

Garmin will not be responsible for any traffic fines or citations that you may receive for failing to follow all applicable traffic laws and signs.

The route is marked with a magenta line. A checkered flag marks the destination. As you travel, the navigation system guides you to the destination with voice prompts, arrows on the map, and directions at the top of the map. If you depart from the original route, the system recalculates the route and provides new directions. A current speed icon may show as you travel on major roadways.



[1] : Show the next turn, or upcoming junction, when available (Refer to 'Viewing the Turn List', page 10.11).

[2] : Show the turn list.

[3] : Change the data display.

[4] : Show information about the trip.

Viewing Trip Information

The navigation system shows the current speed and provides statistics about your trip.

To view trip information from the map, select the Speed field. If you make frequent stops, leave the navigation system ON so it can accurately measure elapsed time during the trip.

Resetting Trip Information

From the trip information page, select <Reset>.

Select an option:

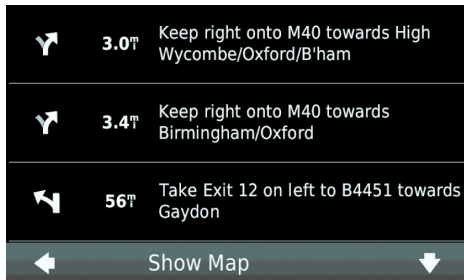
<**Reset Trip Data**> - Reset the trip information.

<**Reset Max. Speed**> - Reset the maximum speed.

Select <OK>.

Viewing the Turn List

When navigating a route, you can view all of the turns for the whole route and the distance between turns.

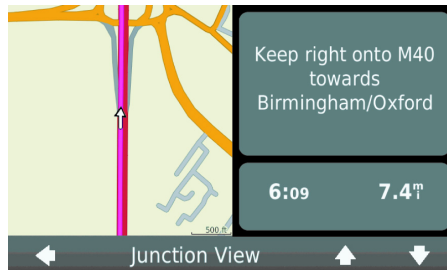


From the map, select the text bar on the top of the map. Select an option:

- Select a turn on the list to view information about the turn
- To view the entire route on the map, select <Show Map>

Viewing the next Turn

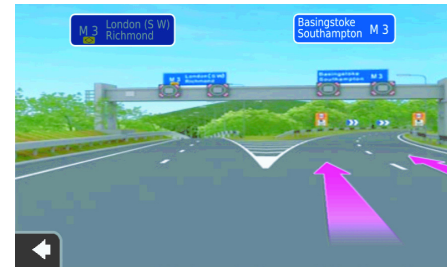
Before you can view the next turn in a route, you must be navigating a route.



From the map, select the next turn icon. The next turn screen is shown on the map, along with the distance and time left before you reach the turn.

Junction View

When available, the navigation system may show a view of the upcoming junction and in which lane you should be driving will show. This feature is not available for all junctions.



Before you can view the junction, you must be navigating a route.

From the map, select the next turn icon. You can also view junctions from the turn list.

Make Changes to the Current Route

Add stops, remove points, or change your destination while on route.

Add One Point to Current Route

From the navigation menu select *<Where To?>*. Search for and select the extra stop.

Select *<Go!>*. Select *<Add as a Via Point>* to add this stop before your destination.

Add or Remove Multiple Points to the Current Route

From the navigation menu, select *<Tools> Enter <Routes>*.

Select *<Active Route> Enter <Add or Remove Points>*.

Select the point or points to add or remove:

<+> - Add a point.

<-> - Remove a point.

Select *<Yes>*.

Changing the Destination of a Route

While navigating a route, select  to return to the navigation menu.

Select *<Where To?>*. Search for the location.

Select *<Go!>*. Select *<Start New Route>*.

Detour

When navigating a route, you can use detours to avoid obstacles ahead of you, such as construction zones.

While navigating a route, select  to return to the navigation menu. Select *<Detour>*.

If the current route is the only reasonable option, the navigation system might not calculate a detour.

Stopping the Route

While navigating a route, select  to return to the navigation menu. Select *<Stop>*.

Traffic

Garmin is not responsible for the accuracy or timeliness of the traffic information.

Your navigation system can receive FM Traffic Message Channel (TMC) traffic content, which provides information on nearby traffic incidents and construction. The subscription is automatically enabled and does not require an additional subscription purchase. Traffic information is not available in all areas.

Traffic Information

When you are within a traffic coverage area, your device will show traffic information. The navigation system must be in data range of an FM station transmitting traffic information.

Traffic Icon

When traffic information is being received, a traffic icon appears on the map. The traffic icon changes colour to show the severity of traffic conditions.


Colour	Severity	Meaning
Green	Low	Traffic is flowing freely
Yellow	Medium	Traffic is moving but there is a delay. There is moderate traffic congestion
Red	High	Traffic is not moving or moving very slowly. There is a severe delay

Traffic on Route

When calculating a route, the navigation system examines the current traffic and automatically optimises the route for the shortest time. If a severe traffic delay occurs on route while you are navigating, the device automatically recalculates the route.

You might still be routed through traffic if no better alternative routes exist.


Manually Avoiding Traffic on Your Route

From the map, select .

Select <Traffic On Route>. If necessary, use the arrows to view other traffic delays on your route. Select <Avoid>.

View the Traffic Map

The traffic map shows colour-coded traffic flow and delays on nearby roads.

From the map, select .

Select <Traffic Map> to view the traffic incidents on a map.

Search for Traffic Delays

From the map, select .

Select <Traffic Search> to view a list of roads with traffic delays.

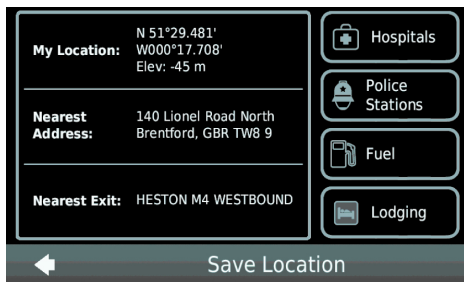
Select an item in the list to view delays on the road. If there is more than one delay, use the arrows to view additional delays.

Tools

The Tools menu provides many features that are helpful when you are travelling.

View Current Location Information

Use the Where Am I? page to view information about your current location. This feature is helpful if you need to tell emergency personnel your location.



From the navigation menu, select *<Tools> Enter <Where Am I?>*.

Find Nearby Services

From the navigation menu, select *<Tools> Enter <Where Am I?>*.

Select *<Hospitals>*, *<Police Stations>*, *<Lodging>*, or *<Fuel>* to view the nearest locations in that category.

Use Help

From the navigation menu, select *<Tools> Enter <Help to get information about using your navigation system>*.

Search Help Topics

From the navigation menu, select *<Tools> Enter <Help> Enter <Search>*.

Clear the Trip Log

From the navigation menu, select *<Tools> Enter <My Data>*.

Select *<Clear Trip Log>*.

Routes

Up to 10 routes can be saved.

Create and Save a Route

From the navigation menu, select *<Tools> Enter <Routes> Enter <New>*.

Find a location (Refer to 'Find a Location', page 10.6) as your starting point, and select *<Select>*. Find a location for your ending point, and select *<Select>*.

If necessary, find and select additional locations to add them as stops along the route. The navigation system calculates and saves the route.

Navigate a Saved Route

From the navigation menu, select *<Tools> Enter <Routes>*.

Select a saved route. Select *<Go!>*.

Refer to Location Map (Refer to 'Location Map', page 10.7) for more information.

Edit a Saved Route

From the navigation menu, select *<Tools> Enter <Routes>*.
Select a saved route. Select *<Edit>*.

Select an item to edit:

<Change Name> - Enter a new name.

<Add or Remove Points> - Add or remove points from the route, change the order of points along the route, and automatically order the points.

<Manually Reorder Points> - Change the route order of the points.

<Optimally Reorder Points> - To edit the route using the map.

<Recalculate> - Recalculate the route.

<Delete> - Remove this route.

Changes are automatically saved when you exit any of the route edit pages.

Delete a Route

Select *<Tools> Enter <My Data> Enter <Delete Selected Route(s)>*.

Select a route(s) to delete. Select *<Delete>*.

World Clock

From the navigation menu, select *<Tools> Enter <World Clock>*.

Select a city name. Enter a new city name. Select *<Done>*.

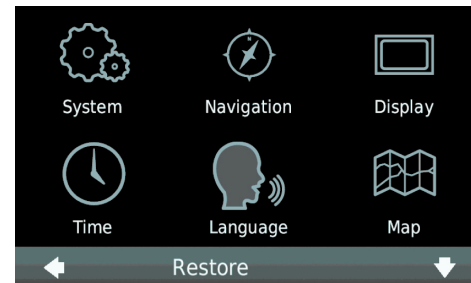
If necessary, select a city option.

Calculator

From the navigation menu, select *<Tools> Enter <Calculator>*.

Customising the Navigation System

1. From the navigation menu, select *<Settings>*.
2. Select the setting you want to change.



System Settings

From the navigation menu, select *<Settings> Enter <System>*.

GPS Simulator - Sets on the simulator to set the GPS mode to OFF and simulate navigation.

Units - Change the units of measure for distance.

Keyboard Layout - Selects QWERTY for a layout similar to a computer keyboard, or selects ABCDE for an alphabetical layout.

About - Shows the navigation system software version number, the unit ID number, and information on other software features.

Restore - Restores the system settings to factory default.

Navigation Settings

From the navigation menu, select *<Settings> Enter <Navigation>*.

Route Preference - Change the preference for calculating a route.

Avoidances - Change the road types to avoid.

Voice Prompts - Receive voice prompt directions.

Restore - Restores the original navigation settings.

Map Settings

From the navigation menu, select *<Settings> Enter <Map>*.

Map Detail - Adjust the amount of detail shown on the map. More detail can result in a slower map redraw rate in some areas or at wider zoom levels.

Map View - Change the map perspective.

- **Track Up:** Shows the map in two dimensions (2-D) with the direction of travel at the top.
- **North Up:** Shows the map in 2-D with north at the top.
- **3-D:** Shows the map in three dimensions (3-D) with the direction of travel at the top.

Vehicle - Change the icon used to show your position on the map

Trip Log - Show or hide the log of your travels.

Map Data Layout - Change the amount of data visible on the map.

Info - Shows the maps and the version of each map loaded on the navigation system. Select a map to enable (check mark) or disable (no check mark) that map.

Restore - Restore the original map settings.

Changing the Vehicle Icon

Select *<Settings> Enter <Map> Enter <Vehicle> Enter <Change>*.

Select the icon you want to use, and select *<Done>*.

Clearing the Trip Log

From the navigation menu, select *<Tools> Enter <My Data> Enter <Clear Trip Log>*.

Display Settings

From the navigation menu, select <Settings> Enter <Display>.

Colour Mode - Set a light background (Day), a dark background (Night), or automatically switches between the two based on the sunrise time and the sunset time for your current location (Auto).

Language Settings

From the navigation menu, select <Settings> Enter <Language>.

Voice - Set the language for voice prompts.

Text - Set all on-screen text to the selected language.

Keyboard - Set the language for the keyboard.

Restore - Restore the original language settings.

Proximity Points alerts Settings

From the navigation menu, select <Settings> Enter <Proximity Points> Enter <Change> Enter <Audio>.

Proximity Alerts - Set the alerts ON or OFF when you approach safety cameras.

Restore - Restore the original proximity points settings.

Security Settings


From the navigation menu, select <Settings> Enter <Security>.


Safe Mode - Set Safe Mode ON or OFF.

Restore - Restore the original security settings

Information

When the navigation system has acquired satellite signals, the signal strength bars on the navigation menu are white

. The more white bars, the stronger the GPS signal. If the navigation system is not receiving GPS signals, the bars

will show red .

For more information about GPS, go to www.garmin.com/aboutGPS.

View Detailed GPS Signal Information

From the navigation menu, select <Tools> Enter <Satellite Status>.

Safety Cameras

! *Garmin is not responsible for the accuracy of, or the consequences of using, a custom POI or safety camera database.*

Safety camera information is available in some areas. For these areas, the navigation system includes the locations of hundreds of safety cameras. Your navigation system alerts you when you are approaching a safety camera and can warn you if you are driving too fast.

Contact Information

Contact your Aston Martin dealership if you have questions while using your navigation system (Refer to 'Find an Aston Martin Dealership', page 10.8).

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You agree not to export from anywhere any part of the Data provided to you or any direct product thereof except in compliance with, and with all licenses and approvals required under, applicable export laws, rules and regulations.

Indemnity.

You agree to indemnify, defend and hold Garmin and its licensors (including their respective licensors, suppliers, assignees, subsidiaries, affiliated companies, and the respective officers, directors, employees, shareholders, agents and representatives of each of them) free and harmless from and against any liability, loss, injury (including injuries resulting in death), demand, action, cost, expense, or claim of any kind or character, including but not limited to attorney's fees, arising out of or in connection with any use or possession by you of the Product (including the Data).

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Term.

This Agreement is effective until such time as (i) if applicable, your subscription term is either terminated (by you or by Garmin) or expires, or (ii) Garmin terminates this Agreement for any reason, including, but not limited to, if Garmin finds that you have violated any of the terms of this Agreement. In addition, this Agreement shall terminate immediately upon the termination of an agreement between Garmin and any third party from whom Garmin licenses the Data.

Entire Agreement.

These terms and conditions constitute the entire agreement between Garmin (and its licensors, including their licensors and suppliers) and you pertaining to the subject matter hereof, and supersedes in their entirety any and all written or oral agreements previously existing between us with respect to such subject matter.

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(b) For North American NAVTEQ Data and other non-European Union NAVTEQ Data

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The above terms and conditions shall be governed by the laws of Kansas, without giving effect to (I) its conflict of laws provisions, or (ii) the United Nations Convention for Contracts for the International Sale of Goods, which is explicitly excluded.

You agree to submit to the jurisdiction of Kansas for any and all disputes, claims and actions arising from or in connection with the Data provided to you hereunder.

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ASTON MARTIN



ASTON MARTIN

Maintenance

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Introduction

Each item in the Service Schedules must be performed on time as failure to do so may void the New Vehicle Warranty or other warranties. It is the owner's responsibility to see that the vehicle is maintained properly and in accordance with the manufacturer's service schedules.

Due to the sophistication of the various systems and the specialized equipment required to maintain your vehicle, owner maintenance should be restricted to the routine procedures described in this Owner's Guide. If you think that your vehicle is not functioning properly, please return it to an Aston Martin Dealer to be checked professionally.

Restraint Systems

Aston Martin recommend that the inflatable (airbags) restraint systems and seat belt components installed to this vehicle are replaced at 10 (ten) year intervals from the date of manufacture on the certification label.

Electronic Fuel Injection

Warnings

**** Any modifications or additions to the fuel system not specifically designed by Aston Martin are prohibited. If carried out, they may cause damage to the fuel system which in some circumstances could result in fire. All Service Action Campaigns must be undertaken by an Aston Martin Dealer.***

**** If the fuel system is allowed to run dry irreparable damage to the fuel pumps may occur.***

The electronic fuel injection system requires special equipment and test facilities to set up and maintain so that the vehicle gives maximum performance coupled with economy, reliability and safe vehicle emissions. You are, therefore, strongly advised to entrust all service work to an Aston Martin Dealer.

Parts and Lubricants

⚠ *This vehicle's warranty may be invalidated if damage is caused by the use of improper engine oil. Low quality or obsolete oils do NOT provide the protection required by modern, high performance engines. Failure to use engine oil that meets the required specification (Refer to 'Fluids', page 12.12) could cause excessive engine wear, a build up of sludge and deposits, and increased pollution. It could also lead to engine failure.*

When undertaking a servicing task only parts, materials, lubricants, etc. that are specifically recommended by Aston Martin should be used. Failure to do so can result in damage to your vehicle and may invalidate your New Vehicle Warranty or other warranties (Refer to 'Warranty', page C.1).

Emission Warranty

The emission control systems installed to vehicles for certain markets are covered by a separate warranty. A statement of the provisions is given in the Warranty section of this Owner's Guide. **You are advised to familiarize yourself with all warranty conditions at the earliest opportunity after taking delivery of your vehicle.**

⚠ Warnings

- * Protect yourself against dangerous substances (Refer to 'Dangerous Substances').**
- * Keep hands, hair, tools, items of clothing and jewelry clear of all drive belts, pulleys and operating mechanisms. The cooling fans may operate even though the engine is not running.**
- * Do not breathe exhaust fumes. Exhaust fumes contain carbon monoxide. Carbon monoxide is a dangerous gas, which is colorless and odorless and can cause unconsciousness and may be fatal. Never start or leave the engine running in an enclosed, unventilated area.**
- * Do not work beneath the vehicle with a vehicle lifting jack as the only support. Place suitable stands under the vehicle.**

** Avoid skin contact with all exhaust system and engine components, engine fluids and escaping steam. They may be hot and will burn you.*

** Keep children and pets clear of the vehicle. Do not allow anyone inside the vehicle unless specifically working to your instructions.*

** Whenever possible work in the engine compartment with the engine cool, the ignition switched OFF and the vehicle battery disconnected.*

** Petrol is highly flammable and, in confined spaces, is also explosive and toxic. In the event of spillage, switch OFF the engine, use no naked flame or light. Do not smoke. Do not inhale fumes.*

To avoid personal injury, the following safety precautions must be observed when the hood is open and the engine is running or the ignition is switched ON.

Dangerous Substances

Warnings

** Many liquids and other substances used in motor vehicles are poisonous and should under no circumstances be consumed and should, so far as possible, be kept from contact with the skin. These substances include battery electrolyte, antifreeze, oil, brake and clutch fluid, petrol, windshield washer additives, lubricants, refrigerant and various adhesives.*

** Particular care should be taken to avoid unnecessary contact with used engine oil. Always read carefully the instructions printed on labels or stamped on components and follow them carefully. Such instructions are included for reasons of your health and personal safety. Never disregard them.*

** Dangerous substances should be kept out of reach of children.*

Engine Oils

Warning

** Prolonged and repeated contact with used engine oils can cause serious skin disorders, including dermatitis and cancer. Avoid excessive contact, wash thoroughly after contact. Keep out of reach of children. When your oil is changed, be sure that it is done by an experienced person. In addition, observe all laws regarding the disposal of waste oil and toxic fluids.*

Protect The Environment

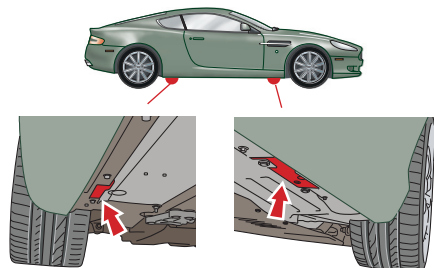
Warning

** It is illegal to pollute drains, water courses, or soil. Use authorized waste disposal facilities, including civic amenity sites and garages providing facilities for receipt of used oil. If in doubt, contact your local authority for advice.*

Vehicle Jacking

This vehicle is not supplied with a vehicle jack. If this vehicle is to be raised using a vehicle jack make sure that the following jacking points are use.

 **Do not raise the vehicle by placing a vehicle jack under the suspension arms.**



Warnings

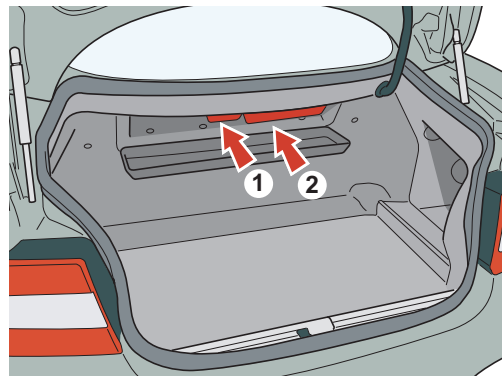
- * Make sure that no persons are in the vehicle before jacking commences.*
- * Make sure that the parking brake is set and that the vehicle is in Park (Automatic) or 1st Gear (Manual).*
- * Make sure that the vehicle is parked on firm and level ground to make sure a secure base for the jack.*

Emergency Items

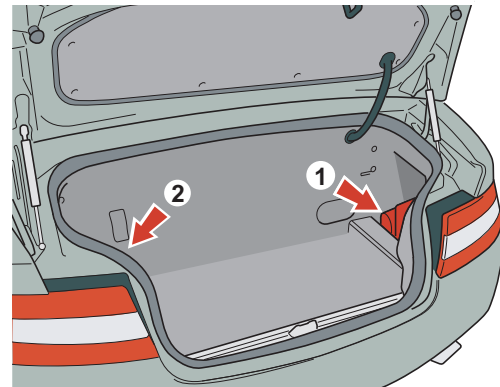
The following emergency items are located in the trunk.

- 1 First Aid Kit (Option).
- 2 Tire Sealant Kit (Refer to 'Tire Sealant Kit', page 11.26).

Coupe Trunk



Volante Trunk



Owner Maintenance

In the interests of safety and reliability, it is advisable to carry out the following checks at the intervals suggested (more frequently if your vehicle is heavily used or operating in adverse conditions), and always before starting on a long journey. Refer to the following pages for advice and check procedures.

Before Use Check:

- Operation of lamps, horn, indicators, wipers, washers and warning symbols
- Check there is sufficient fuel for the intended journey, particularly at night and before entering Highways
- Operation of the seat belts
- Operation of the brakes
- Check for fluid deposits underneath the vehicle

Weekly Checks

(daily if covering high mileage or touring)

- Tires
- Coolant level
- Brake fluid level
- Power steering level
- Operate Air Conditioning system
- Windshield washer fluid level
- Check operation of windshield washers

Engine Oil Level

Check the engine oil level every fourth fuel tank fill or weekly - whichever is the soonest.

! *It is important to check the engine oil level regularly. Running the engine with engine oil below the lower mark or above the upper mark can cause serious engine damage.*

Tool Kit

A vehicle tool kit is located underneath the trim panel in the left side of the floor.

The tool kit consists of:
Towing Eye - (Refer to 'Transporting and Towing', page 11.29).



Screwdriver - For the removal of the front licence plate when installing the front towing eye.

Allen Key - For manual operation of the Convertible Roof (Volante only).

Road Wheel Lock Nut Socket (option) - For the removal of a road wheel(s) when servicing or maintenance is required.

Bulbs - (Refer to 'Bulbs', page 11.41).

Battery Conditioner

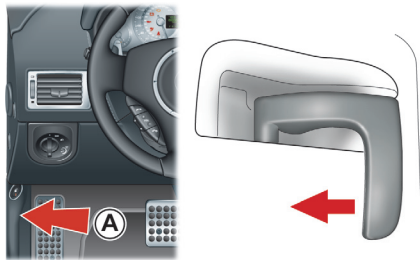
(Refer to 'Battery Conditioner', page 11.32)

Opening and Closing the Hood

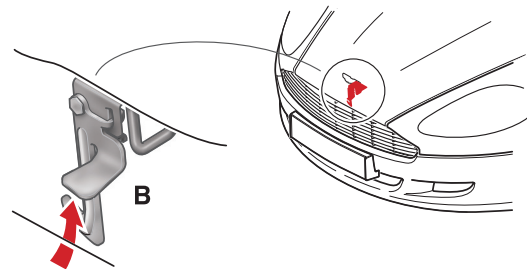
Opening


⚠ **Take care not unintentionally to pull on or catch the hood release lever.**

Pull lever (A (left side footwell)) to release the hood latch. The hood will rise but stay secured by the hood secondary catch.



Lift slightly on the hood front edge whilst pulling upward on the hood secondary catch (B) to release it. Lift the hood until fully open. The hood is held open by two gas struts.

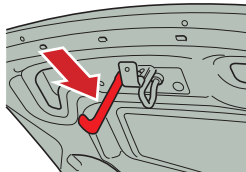



 If the windshield wipers are switched ON, they will temporarily rest in the park position while the hood is unlatched.

Closing

Warning


*** Do not pull on the hood secondary safety catch to assist in closing the hood. This may displace the hood secondary safety catch. If the secondary safety catch is displaced it may not work correctly.**




 Do not press down hard on a hood that has not closed correctly. This may damage the hood.

Lower the hood until it starts to fall under its own weight. At that point let the hood fall to close.

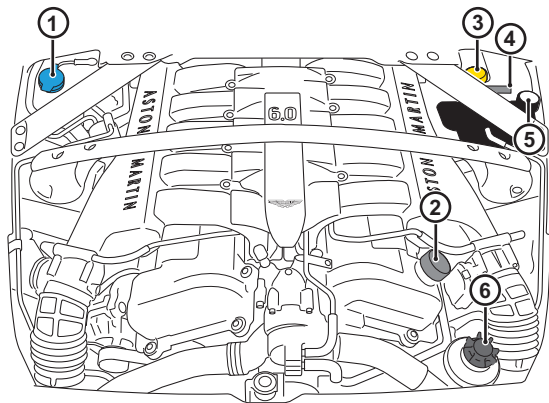
If the hood does not shut, open the hood again and repeat the closure procedure, this time assist using light hand pressure as the hood falls.

 Before closing the hood, remove any tools, cleaning cloths, etc. from the engine compartment. Make sure that no one is obstructing the 'closing' area and that hands, clothing etc. are clear.

 If the hood does not fully close the warning message 'hood not fully closed' will appear in the message centre (right).



ASTON MARTIN



⚠ Warning

** Engine components may be hot and could cause severe burns.*

- 1 Washer Fluid Reservoir.
- 2 Engine Oil Filler Cap.
- 3 Brake Fluid Reservoir.
- 4 Engine Oil Dipstick.
- 5 Engine Coolant Reservoir.
- 6 Power Steering Fluid Reservoir.

Windshield Wash Fluid Level

Top up as required. In winter, to prevent the windshield wash fluid freezing, increase the fluid concentration (refer to the manufacturers recommendations on the windshield wash fluid container).



When the level of windshield wash fluid is low an information message will show in the message centre (right) and the amber warning symbol will come ON.

State or local regulations may restrict the use of volatile organic compounds (VOCs), which are commonly used as anti-freeze agents in windshield washer fluid.

A windshield washer fluid with limited VOC content should be used only if it provides adequate freeze resistance for all regions and climates in which the vehicle will be operated.

Windshield Washer Jets

Washer jet housings are located on the rear edge of the hood. Each housing contains two washer jets.

windshield washer jets are set during manufacture and should not need adjustment. However, if adjustment is required, adjust up or down so that the fluid strikes between a third and half way up the windshield.

Engine Oil Level

Warning

*** Engine oil or components may be hot and could cause severe burns.**

! Running the engine with engine oil below the lower mark or above the upper mark can cause serious engine damage.

! This vehicle's warranty may be invalidated if damage is caused by the use of improper engine oil. Low quality or obsolete oils do NOT provide the protection required by modern, high performance engines.

! Failure to use engine oil that meets the required specification (Refer to 'Fluids', page 12.12) could cause excessive engine wear, a build up of sludge and deposits, and increased pollution. It could also lead to engine failure.

- The vehicle should be on level ground
- Check the oil level when the engine completely cold
- Check the engine oil level every fourth fuel tank fill or weekly - whichever is the sooner


Oil level check:

1. Withdraw and wipe the dipstick clean, using a lint free cloth.

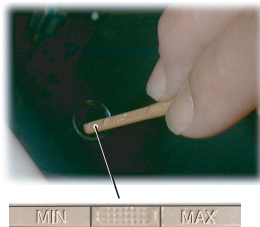


- Fully insert the dipstick with the Min. and Max. marking on the blade upwards (facing towards the engine). Withdraw again.



 Approximately two pints (one liter) is required to bring the level from Min. to Max.

- The oil level should read between the Min. & Max. marks.




- If required remove the filler, top up to the Max. mark with the recommended engine oil.
- Wait for approximately two minutes for the oil to settle, then check the level again. Add oil if required. **Do not overfill.**
- Replace the filler cap securely, replace the dipstick & press it home.

Brake Fluid Level

 **Warning**

*** Do not drive the vehicle if the brake fluid level is below the Min. mark.**

 **Make sure brake fluid does not contact the paint work during the topping-up operation. Serious paint work damage can result. If a spillage does occur, immediately flush any brake fluid from the paint work with clean, fresh water and then wipe with a clean damp cloth.**

Wipe the reservoir cap clean before removing to prevent ingress of contaminants.

The brake fluid level should read between the Min. and Max. marks.




- Remove the reservoir cap. Top up to the indicated Max. level.
- Install the reservoir cap securely.

Engine Coolant Level Check

Warning

*** Do not remove the filler cap until the coolant system has cooled. Scalding can be caused by escaping steam or coolant.**

 Use a cloth or glove to protect hands and protect face and arms adequately.

1. Remove the pressure cap to check the coolant level. The correct coolant level is to the top of the reservoir tank. Top up with the correct anti-freeze mix (Refer to 'Fluids', page 12.12), if required.




2. Make sure the filler cap is secure after topping up.

Do not over tighten.

If required to remove the pressure cap before the engine is cold, **use gloves or a protective cloth** and slowly loosen the pressure cap. Allow residual pressure to slowly drop. Continue to turn the pressure cap until it is released.

Power Steering Fluid Level

 **Make sure power steering fluid does not contact the paint work during topping up. Serious paint work damage can result. If a spillage does occur, immediately flush any power steering fluid from the paint work with clean fresh water, then wipe with a clean damp cloth.**

Always check the reservoir level when the engine is cold and with the front road wheels in the straight ahead position.

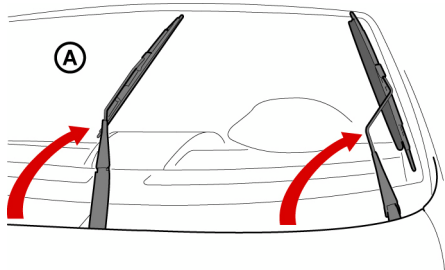
Wipe the reservoir cap clean before removing to prevent an ingress of contaminants.



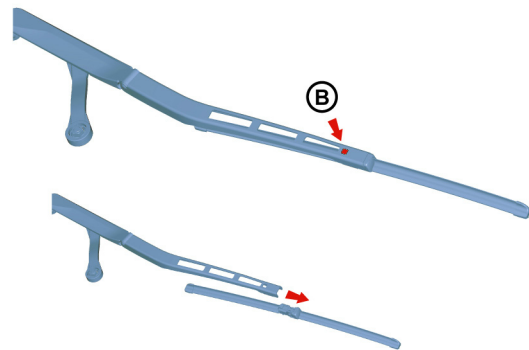
1. Remove the reservoir cap and wipe the dipstick clean with a lint free cloth. Replace and remove again. The fluid level should read between the Min. and Max. marks.
2. If required, top-up fluid level. **Do not overfill.**

Windscreen Blade Replacement

To replace the windscreen wiper blades the wiper arms must be set at 90° to the vehicle (A). Press and hold in buttons 2 and 6 on the Infotainment keypad. Insert the vehicle key in the ignition control and move to position 'II' (ignition ON). This will manoeuvre the wiper blade arms to the 90° position. Return the vehicle key to position '0'.



Lift the wiper arm(s) up, press at point B and remove the worn wiper blade(s). Install the new wiper blade(s) and lower the wiper arm(s).



After replacing the wiper blade either:

- Move the vehicle key back through to position 'II' to lower the wiper arms. Return the vehicle key to position '0' or remove
- Operate the wiper stalk - the wiper arms will complete the request and then park

Brake Pad 'Bedding-in'

! Failure to 'bed-in' new brake pads will result in reduced brake performance and possible brake judder or squeal.

After the installation of new brake pads, brake performance will be reduced, as the brake rotors and pads need to be 'Bedded-in'. For the first few hundred kms (miles) of new brake pad use, avoid excessive braking (hard stops from high speed, alpine descents, etc.).

Wheels and Tires

Tires of the correct type, manufacturer and dimensions, with correct cold inflation pressures are an integral part of every vehicle's design. Regular maintenance of tires contributes not only to safety, but to the designed function of the vehicle. Road-holding, steering and braking are especially vulnerable to incorrectly pressurized, badly installed or worn tires.

Tires of the correct size and type, but of different make have widely varying characteristics.

Only install tires approved by Aston Martin (Refer to 'Tires', page 12.6).


Tire Pressures

Make sure that correct tire pressures are carefully maintained (Refer to 'Tires', page 12.6). Road holding, steering, braking and tire wear are especially vulnerable to incorrect tire pressures.

Check tire pressures regularly and before starting any journey. Re-inflate any tire with a low pressure at the earliest opportunity.

Pressures increase slightly when the tires are hot. For an accurate reading, pressures should be checked when the tires are cold. After adjusting the tire pressures, make sure that the valve caps are securely replaced to provide an additional air seal and to prevent the ingress of dirt.

Tire Service

 *Because of the high performance potential of this vehicle, Aston Martin strongly recommend replacement of any damaged or worn tire.*

The recommended tires for this vehicle are asymmetrical and must be installed to the wheel with the tire mark 'Outside' on the outside of the wheel rim.

They are also of different sizes on the front and rear axles, therefore complete wheels cannot be swapped from one side of the vehicle to the other or between axles.

Damage

Tires should be examined at regular intervals for wear and damage. Inspect the tire treads and sidewalls for damage, i.e. bulges in the tread or the sidewalls, cracks in the tread groove and separation in the tread or the sidewalls. If damage is observed or suspected have the tire inspected by a tire professional.

Stones or other objects which have become lodged in the tire treads should be carefully removed.


Flat Spots

It is a characteristic of high performance tires that temporary flat spots' may develop if the vehicle is left standing in high or low ambient temperatures for any length of time.

These 'flat spots' will manifest themselves as minor vibrations when the vehicle is first driven from cold. As the tires warm up to operating temperature, normal tire shape should be restored and the vibrations cease. If vibrations persist, consult your Aston Martin Dealer.

Age

Tires degrade over time, even when they are not being used. It is recommended that tires generally be replaced after six years of normal service. Heat caused by hot climates or frequent high loading conditions can accelerate the aging process.

 *State or local regulations on tire life may apply.*

New Tires

New tires should not be installed to the front wheels in combination with worn rear tires, as rear end stability will be affected. When new tires are required consult your Aston Martin Dealer for advice if the rear tires are also worn.

Each wheel and tire unit must be balanced dynamically to make sure of efficient steering, optimum tire wear and maximum ride comfort. Because of the potentially high speeds, it is essential that wheel balancing is carried out when new tires are installed.

'Running-In' New tires

When new tires have been installed, speed should be limited, particularly during the first 50 mile (80 km) or so of driving. Fast cornering, hard braking, and harsh acceleration should also be avoided during this period.

Tread Wear Indicators

Tread wear indicators (A) are incorporated into the construction of all tires. These indicators are integral moulded ribs spaced at regular intervals around the circumference of the tire and extend across the full width of the tread, in all primary grooves.

When a tire has worn causing one or more of the indicators to be flush with the outer face of the tread the tire has reached its wear limit. It then becomes illegal in certain countries and must be replaced.



Uniform Tire Quality Grades

The following information relates to the tire grading system developed by the National Highway Traffic Safety Administration, which grades tires by tread wear, traction and temperature performance.

All passenger vehicle tires must conform to federal safety requirements in addition to these grades.

Tread Wear

The tread wear grade is a comparative rating based on the wear rate of a tire tested, under controlled conditions, on a specified government test course. For example, a tire graded 150 would wear one and a half times (1½) as well, on the government course, as a tire graded 100.

The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the normal due to variations in driving habits, service practices and differences in road characteristics and climate.

Traction

The traction grades, from highest to lowest, are AA, A, B, and C. The grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

⚠ Warning

** The traction grade assigned to this tire is based on straight-ahead braking traction tests and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.*

Temperature

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel.

Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger vehicle tires must meet under the Federal Motor Safety Standard No. 109.

Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

⚠ Warning

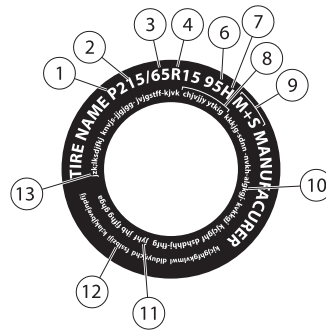
** The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, under inflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.*


Tire Sidewall Information

Both U.S. and Canada Federal regulations require tire manufacturers to place standardized information on the sidewall of all tires. This information identifies and describes the fundamental characteristics of the tire and also provides a Tire Identification Number for safety standard certification and in case of a recall.


Information on 'P' Type Tires

'P215/65R15 95H' is an example of a tire size, load index and speed rating. The definitions of these items are listed below.




 *The tire size, load index and speed rating for your vehicle may be different from this example.*


- 1 P** - Indicates a tire, designated by the Tire and Rim Association (T&RA), that may be used for service on cars, SUVs, minivans and light trucks.

 *If your tire size does not begin with a letter this may mean it is designated by either ETRTO (European Tire and Rim Technical Organization) or JATMA (Japan Tire Manufacturing Association).*


- 2 215** - Indicates the nominal width of the tire in millimeters from sidewall edge to sidewall edge. In general, the larger the number, the wider the tire.
- 3 65** - Indicates the aspect ratio which gives the tire's ratio of height to width.
- 4 R** - Indicates a 'radial' type tire.
- 5 15** - Indicates the wheel or rim diameter in inches. If you change your wheel size, you will have to purchase new tires to match the new wheel diameter.
- 6 95** - Indicates the tire's load index. It is an index that relates to how much weight a tire can carry. You may find this information in your Owner's Guide. If not, contact a local tire dealer.

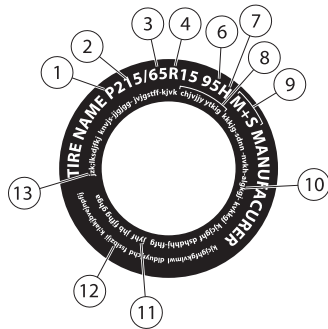
 *You may not find this information on all tires because it is not required by federal law.*

- 7 H** - Indicates the tire's speed rating. The speed rating denotes the speed at which a tire is designed to be driven for extended periods of time under a standard condition of load and inflation pressure. The tires on your vehicle may operate at different conditions for load and inflation pressure. These speed ratings may need to be adjusted for the difference in conditions. The ratings range from 81 mph (130km/h) to 186 mph (299 km/h). These ratings are listed in the following chart.

 *You may not find this information on all tires because it is not required by federal law.*

Letter Rating	Speed Rating
M	81 mph (130 km/h)
N	87 mph (140 km/h)
Q	99 mph (159 km/h)
R	106 mph (171 km/h)
S	112 mph (180 km/h)
T	118 mph (190 km/h)
U	124 mph (200 km/h)
H	130 mph (210 km/h)
V	149 mph (240 km/h)
W	168 mph (270 km/h)
Y	186 mph (299 km/h)

 For tires with a maximum speed capability over 149 mph (240 km/h), tire manufacturers sometimes use the letters ZR. For those with a maximum speed capability over 186 mph (299 km/h), tire manufacturers always use the letters ZR.



8 TIRE IDENTIFICATION NUMBER (TIN) - (Also known as 'DOT Code') The Tire Identification Number (TIN) begins with the letters 'DOT' and indicates that the tire meets all federal standards. The next two numbers or letters are the plant code designating where it was manufactured, the next two are the tire size code and the last four numbers represent the week and year the tire was built. For example, the numbers 317 mean the 31st week of 1997.

After 2000 the numbers go to four digits. For example, 2501 means the 25th week of 2001. The numbers in between are identification codes used for traceability. This information is used to contact customers if a tire defect requires a recall.

- 9 **M+S OR M/S** - Mud and Snow.
or AT - All Terrain.
or AS - All Season.

- 10 **TIRE PLY COMPOSITION AND MATERIAL USED** -
 Indicates the number of plies or the number of layers of rubber-coated fabric in the tire tread and sidewall. Tire manufacturers also must indicate the ply materials in the tire and the sidewall, which include steel, nylon, polyester, and others.

- 11 **MAXIMUM LOAD** - Indicates the maximum load in kilograms and pounds that can be carried by the tire. Refer to the Safety Compliance Certification Label, which is located on the B-Pillar or the edge of the driver's door, for the correct tire pressure for your vehicle.

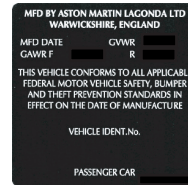
- 12 **TREAD WEAR, TRACTION AND TEMPERATURE GRADES** - (Refer to 'US Department of Transportation', page 11.17).

- 13 **MAXIMUM PERMISSIBLE INFLATION PRESSURE** - (Refer to 'Maximum Permissible Inflation Pressure', page 11.23)

Vehicle Loading

Properly loading this vehicle will provide maximum return of vehicle design performance. Before loading this vehicle, familiarize yourself with the following terms for determining the vehicle's weight ratings from the vehicle's Safety Compliance Certification Label (A)

A



USA



Canada

MFD Date - Month and Year the vehicle was manufactured (e.g. 01 / 06 = January 2006)

GVWR - Gross vehicle weight (curb weight + full payload)

GAWR F - Maximum load on the front axle

GAWR R - Maximum load on the rear axle or the Tire label (B).

B

TIRE AND LOADING INFORMATION			
SEATING CAPACITY		TOTAL 4	FRONT 2 REAR 2
The combined weight of occupants and cargo should never exceed 300 kg or 661 lbs.			
TIRE	SIZE	COLD TIRE PRESSURE	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION
FRONT	235/40 ZR19	250 kPa (36 PSI)	
REAR	275/35 ZR19	260 kPa (38 PSI)	
SPARE	NONE		


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Seating Capacity - Indicates the maximum number of occupants.

Payload - Make sure the payload (cargo + occupants) does not exceed this limit ((Refer to 'Payload', page 11.22))

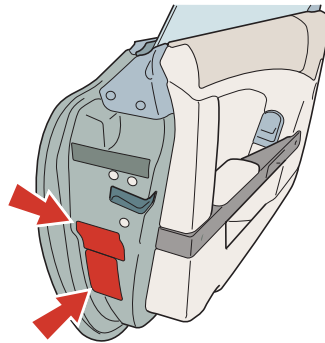
Tire size - The size of tires to be used on this vehicle (Refer to 'Wheels and Tires', page 11.15).

Cold inflation pressure - The maximum recommended tire inflation pressure (Refer to 'Wheels and Tires', page 11.15).

 The illustrations shown are examples and may not accurately describe the labels on this vehicle.

Both labels are located on the vehicle door opening edge.

Payload - The payload is the combined weight of cargo and passengers that the vehicle is carrying. The maximum payload for your vehicle can be found on the Tire Label on the edge of the driver's door. Look for 'The Combined Weight of Occupants and Cargo Should Never Exceed XXX kg OR XXX lb' for maximum payload.



The payload listed on the Tire Label is the maximum payload for the vehicle as built by the assembly plant. If any after market or Aston Martin Dealer installed equipment has been installed on the vehicle, the weight of the equipment must be subtracted from the payload listed on the Tire Label in order to determine the new pay load.

Gross Vehicle Weight - the maximum recommended weight for a vehicle, including: the weight of the vehicle itself, fuel and other fluids, passengers, and all cargo.

Determining the Correct Load Limit


1. Locate the statement 'The combined weight of occupants and cargo should never exceed XXX kg or XXX lb' on the vehicle's tire label.
2. Determine the combined weight of the driver and passengers that will be riding in the vehicle.
3. Subtract the combined weight of the driver and passengers from XXX kg or XXX lb
4. The resulting figure equals the available amount of cargo and luggage load capacity. **For example**, if the 'XXX' amount equals 661 lb and there will be four 150lb passengers in the vehicle, the amount of available cargo and luggage load capacity is 61lb ($661 - 600 (4 \times 150) = 61$ lb). In metric units ($300 - 272 (4 \times 68) = 28$ kg.).

5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

Maximum Permissible Inflation Pressure

The maximum permissible inflation pressure is the tire manufacturer's maximum permissible pressure or the pressure at which the maximum load can be carried by the tire. This pressure is normally higher than the manufacturer's recommended cold inflation pressure which can be found on the Safety Compliance Certification Label or Tire Label.

The cold inflation pressure should never be set lower than the recommended pressure on the Safety Compliance Certification Label or Tire Label.

 *The recommended cold inflation tire pressures for this vehicle can also be found in the Specifications chapter of this Owner's Guidebook (Refer to 'Tires', page 12.6)*

Safety Practices

Driving habits have a great deal to do with your tire mileage and safety.

- Observe posted speed limits
- Avoid fast starts, stops and turns
- Avoid potholes and objects on the road
- Do not run over curbs or hit the tire against a curb when parking

Warnings

**** If your vehicle is stuck in snow, mud, sand, etc., do not rapidly spin the tires; spinning the tires can tear the tire and cause an explosion. A tire can explode in as little as three to five seconds.***

**** Do not spin the wheels at over 35 mph (56 km/h). The tires may fail and injure a passenger or bystander.***

Highway Hazards

No matter how carefully you drive there's always the possibility that you may eventually have a flat tire on the highway. Drive slowly to the closest safe area out of traffic. This may further damage the flat tire, but your safety is more important.

If you feel a sudden vibration or ride disturbance while driving, or you suspect your tire or vehicle has been damaged, immediately reduce your speed. Drive with caution until you can safely pull off the road. Stop and inspect the tires for damage. If a tire is under-inflated or damaged, deflate it, remove wheel and replace it with your spare tire and wheel.

If you can not detect a cause, have the vehicle towed to the nearest repair facility or tire dealer to have the vehicle inspected.

Tire Terminology

Tire Label - A label showing the OE (Original Equipment) tire sizes, recommended inflation pressure and the maximum weight the vehicle can carry.

Tire Identification Number (TIN) - A number on the sidewall of each tire providing information about the tire brand and manufacturing plant, tire size and date of manufacture. Also referred to as DOT code.

Inflation Pressure - A measure of the amount of air in a tire.

Standard Load - A class of P-metric or Metric tires designed to carry a maximum load at 35psi (37psi (2.5bar) for Metric tires). Increasing the inflation pressure beyond this pressure will not increase the tire's load carrying capability.

Extra Load - A class of P-metric or Metric tires designed to carry a heavier maximum load at 41psi (43psi (2.9bar) for Metric tires). Increasing the inflation pressure beyond this pressure will not increase the tire's load carrying capability.

kPa - Kilo pascal, a metric unit of air pressure.

PSI - Pounds per square inch, a standard unit of air pressure.

Cold Inflation Pressure - The tire pressure when the vehicle has been stationary and out of direct sun light for an hour or more and prior to the vehicle being driven for 1 mile (1.6km).

Recommended Inflation Pressure - The cold inflation pressure found on the Safety Compliance Certification Label or Tire Label (found on the edge of the driver's door).

Bead Area of the Tire - Area of the tire next to the rim.

Sidewall of the Tire - Area between the bead area and the tread.

Tread Area of the Tire - Area of the perimeter of the tire that contacts the road when mounted on the vehicle.

Rim - The metal support (wheel) for a tire or a tire and tube assembly upon which the tire beads are seated.

Winter Tires

The tires installed as original equipment are designed with a rubber compound, tread pattern and width specially suited for high speeds in normal road conditions, but they are less suitable during extremes of low temperatures, snow and ice. The use of winter tires will considerably improve handling during these conditions.

 Only use Aston Martin approved winter tires.

Winter Tires


Winter tires must be used in vehicle sets, that is, installed on all four wheels. Four special wheel rims and winter tires (Refer to 'Winter Tires', page 12.6) are required for severe weather driving. Do not exceed the tire speed rating when using winter tires.


 **Warning**

*** Maximum speed with winter tires is 150 mph (240 km/h).**


Snow (Chains) Spiders


These are available from your Aston Martin Dealer for temporary use when driving in heavy snow conditions. Snow spiders should only be installed to the rear (driven) wheels.


 **The maximum speed when using snow spiders is 30 mph (48 km/h). Remove the snow spiders immediately the roads are clear of snow.**


 Make sure the installation instructions supplied with the snow spiders are kept in a safe place.

Tire Sealant Kit

 **Warning: Do not use the system to seal a tire that was damaged while driving with insufficient air pressure (e.g. cuts, cracks, bumps or similar damage). Do not use the system to seal tires with side wall damage. Only punctures in the tread area of tires may be sealed.**


 **Warning: Do not stand directly beside the tire while the compressor is pumping. Watch the side wall of the tire. If there are any cracks, bumps or similar damage set the compressor to OFF. The journey should not be continued. Contact your nearest Aston Martin Dealer.**

 **Warning: If a tire pressure of 26 psi (1.8 bar) cannot be reached then the tire can not be sealed. Do not attempt to re-inflate the tire. Contact your Aston Martin Dealer.**

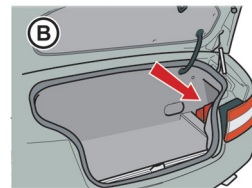
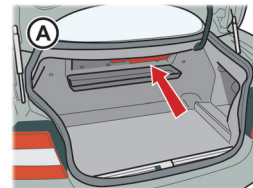
 **Warning: If the pressure in the tire after driving for 2 mile (3 km) is below 19 psi (1.3 bar) the tire has not been effectively sealed. The journey should not be continued. Contact your nearest Aston Martin Dealer.**

⚠ Warning: After a longer period of rest, the tire pressure should be rechecked. 58 psi (4 bar)

⚠ The tire sealant kit only provides temporary mobility. Always refer to local laws and regulations on the use and repair of tires that have been treated with any form of temporary mobility aid. Consult a tire specialist for advice.

 Inform the tire specialist that the tire contains sealant.

Location



A - Coupe

B - Volante

Operation

Remove the Tire Sealant Kit from its location in the trunk. Follow the instructions detailed on the lid.

Read the following instructions and warnings carefully before using the Tire Sealant Kit. Compliance with these instructions is vital to make sure of vehicle and user safety.

Noncompliance with these instructions means risking severe damage and hazardous vehicle behavior which can lead to a road accident involving damage to property or injury to persons.

- Make sure that the vehicle is parked far enough from traffic so that there is no danger from passing vehicles and so that you do not disrupt the traffic. Warn other vehicles using the warning triangle
 - The system should only be used between temperatures of – 40°F and 158°F (– 40°C and 70°C)
 - A maximum speed of 50 mph (80 km/h) may not be exceeded at any time after sealing the tire with the system
 - The system provides only a **temporary emergency repair** for continuing the journey up to 125 mile (200 km) or to the nearest Aston Martin Dealer
 - If the nearest Aston Martin Dealer is over a **125 mile (200 km)** away arrange for collection under the Aston Martin Emergency Service scheme
 - The system will effectively seal a tire that was punctured by an object with a diameter of up to 1/4" (6mm). It is possible that a tire, especially with greater damage, will not be sealed. Do not remove objects that punctured the if they are still lodged in the tire
 - The sealant bottle needs to be exchanged before it expires. **Do not** use the system after the expiry date on the sealant bottle or casing has been reached. Contact your nearest Aston Martin Dealer
 - Do not attempt to inflate other objects without using a system adapter and do not inflate objects with a volume greater than 1.8 ft³ (50 liter) (air mattresses, rubber boats, etc.). Do not let the system pump air for more than 10 minutes without stopping it and allowing it to cool down
- Both the hose and the bottle of sealant need to be replaced after using the system. Sealant deposits in a used hose may impair proper functioning of the system. New bottles of sealant can be purchased from your Aston Martin Dealer.
- Dispose of **empty** sealant bottles together with normal household waste.
- Remains of liquid sealant** must be handed over to your dealer or disposed of in compliance with local waste disposal regulations.

Transporting and Towing

The recommended method for moving a defective vehicle is to have it transported in a purpose built, covered, vehicle transporter.

! When moving the vehicle by transporter make sure that the vehicle is not lashed down, to the transporter, by the suspension control arms.

! Power braking and power steering are not available with the engine turned OFF. Substantially higher brake pedal pressures and steering effort are required.

! If a transmission fault is present, this vehicle must be transported.

The front towing eye is only for emergency use when moving the vehicle for **short distances**, e.g. If it is causing an obstruction or if it requires winching onto a transporter.

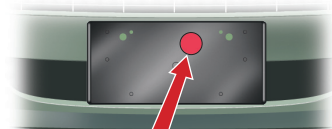
If moving the vehicle in such a situation:

1. Remove the towing eye from its storage location in the trunk.
2. Use the screwdriver, provided in the tool kit, to remove the front licence plate, then install the towing eye to the exposed female threads.

 *The towing eye incorporates a left hand thread.*

 *Protect vehicle paint work when installing the towing eye.*

3. Select 'Neutral'. Move the vehicle key to position 'II' (ignition ON), this releases the steering lock.
4. When being towed use the parking brake or footbrake very gently as required to prevent excessive slack in the tow rope.



Vehicle Battery

Warnings


** Battery posts, terminals and related accessories contain lead and lead compounds. Wash hands after handling.*


** Do not allow flames, sparks or lighted substances to come near the battery. Batteries normally produce explosive gases which can cause personal injury. When working near the battery, always shield your face and protect your eyes. Always provide proper ventilation.*

** When lifting a plastic-cased battery, excessive pressure on the end walls could cause acid to flow through the vent caps, resulting in personal injury and damage to the vehicle or battery. Lift the battery with a battery carrier or with your hands on opposite corners.*

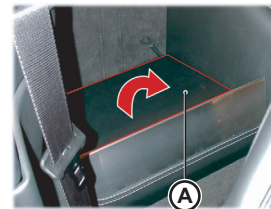
** Keep batteries out of reach of children.*

** Batteries contain sulfuric acid. Avoid contact with skin, eyes or clothing. Shield your eyes when working near the battery to protect against possible splashing of acid solution. In case of acid contact with skin or eyes, flush immediately with water for a minimum of 15 minutes and get prompt medical attention. If acid is swallowed, get medical help immediately.*

 *The engine must never be run with the vehicle battery disconnected.*

 *Apart from vehicle recovery, this vehicle must not be driven if the vehicle battery is incapable of starting the engine. In this case the vehicle battery must be replaced. Contact your Aston Martin Dealer.*

The vehicle battery is maintenance free and should only require checking by your Aston Martin Dealer during regular vehicle services. To access the vehicle battery, remove the trim panel (A), located in the right rear environment.



Vehicle Battery Disposal

It is the responsibility of the vehicle owner when disposing of automotive batteries to do it in an environmentally correct manner.

The incorrect disposal of a vehicle (lead-acid) battery can be extremely hazardous to health and the environment. Most batteries contain heavy metals and when disposed of incorrectly, these heavy metals may leak into the ground. This can contribute to soil and water pollution and endanger wildlife.

Follow your local authorized standards for disposal. Call your local authorized recycling centre to find out more about recycling automotive batteries.



Do not dispose of your vehicle battery in the household waste.

Warnings

The following warnings are located on the vehicle battery.




⚠ DANGER/POISON			
 SHIELD EYES EXPLOSIVE GASES CAN CAUSE BLINDNESS OR INJURY	 NO • SPARKS • FLAMES • SMOKING	 SULFURIC ACID CAN CAUSE BLINDNESS OR SEVERE BURNS	FLUSH EYES IMMEDIATELY WITH WATER  GET MEDICAL HELP FAST
KEEP OUT OF THE REACH OF CHILDREN DO NOT TIP: KEEP VENT CAPS TIGHT AND LEVEL			

Vehicle Battery Charge


Various systems, for example, the clock, security systems and Infotainment centre system continue to drain battery power even with the ignition switched OFF.

A **new fully charged** battery has the ability to start this vehicle, if left unused, for up to 45 days without the battery conditioner being used (Refer to 'Battery Conditioner', page 11.32).

 *In cold climates this time may be reduced.*

Battery charge can be drained excessively in a number of ways:

- If the vehicle is unused for long periods of time

 *Aston Martin recommend that if this vehicle is to be left unused for ten (10) days or more the battery conditioner (mains power available) should be used.*

- If the vehicle is used regularly but only for short journeys, e.g. less than 30 mile (48 km) a journey
- If electrical systems are in use without the vehicle engine running
- If the vehicle key is left in the Ignition Control for long periods of time without the engine running


Excessive battery drain would ultimately mean that the battery would not be able to start the engine.

Battery Conditioner


If this vehicle is not going to be used for a period of time, and **mains power is available**, use the battery conditioner to maintain the battery charge level.

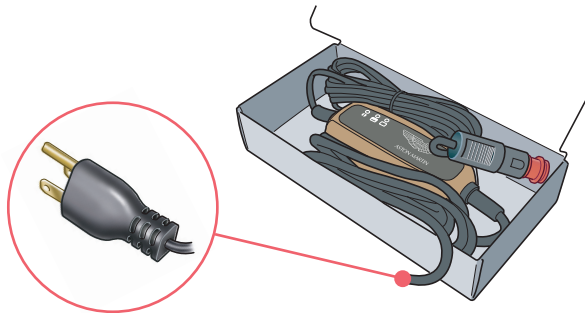
Warnings

- * **Do not attempt to start the vehicle with the battery conditioner connected to the mains supply.**
- * **Do not smoke. Prevent flames and sparks. Explosive gasses are given off by batteries during charging.**

 **For indoor use only. Disconnect mains supply before making or breaking battery connections.**

! Make sure the vehicle is in a secure area.

 The battery conditioner supplied with the vehicle is suitable for use on all types of 12 volt lead acid batteries.




! The battery conditioner is designed for conditioning of partially or fully charged batteries. It will not effectively charge a discharged battery.

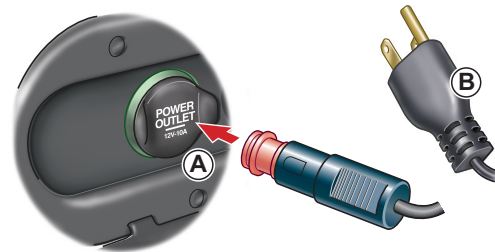
When connected the battery conditioner will maintain a small trickle charge to keep the battery in a fully charged state. The battery conditioner may be left in this state indefinitely.

To Connect the Battery Conditioner

1. Insert the accessory socket plug into the accessory socket (A).
2. Insert the mains plug (B) into the mains supply.

Gently close, but do not latch, the trunk lid. This avoids possible damage to the trunk water seal from the battery conditioner power cable.

 With the trunk left open the vehicle doors can be locked and armed (Refer to 'Vehicle Locked - Trunk Open', page 2.9).



To remove the battery conditioner first disconnect from the mains supply, then from the vehicle accessory socket.

Battery Protection Mode

! *Replace the battery as soon as possible, if the battery is not capable of starting the engine.*

Using the vehicle electrical systems, i.e. the infotainment system, with the vehicle key at position 'I' (ignition OFF) will drain the battery charge. Eventually the battery will drain to such a low level that it will not start the engine.

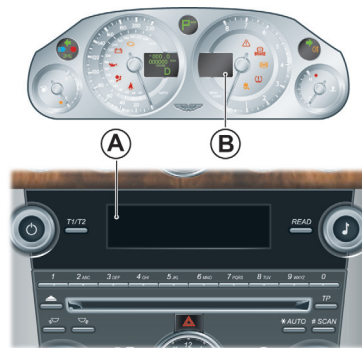
To avoid this happening, a series of safety mechanisms shut down non-essential electrical systems before excessive battery drain takes place.

FAQ

What is the first indication of battery protection mode?

A - 'Warning - Low Battery' (For 10 seconds).

B - 'Low Battery'.



What should I do next?

Turn OFF all unnecessary electrical systems to reduce battery drain. Start the engine to recharge the battery. Run the engine for a reasonable length of time.

What happens if I ignore the warning messages?

After approximately two to ten minutes (dependent on the rate of battery charge drain) the following messages will appear:

A - 'Infotainment will be shut down 2 minutes' (For 10 seconds).

B - 'Low Battery Power Save'.

If the audio is ON the sound will mute for 10 seconds and a short 'Beep' will be heard when the message is first displayed.

What should I do if these messages are displayed?

Turn OFF all unnecessary electrical systems. Start the engine to recharge the battery. Run the engine for a reasonable length of time.

What happens if I ignore second warning messages?

The infotainment system will shut down in two minutes. No other electrical system will be shut down. This significantly reduces the rate of battery drain. The following functionality will be lost:

- CD Player
- Navigation System

What should I do if the infotainment system shuts down?

Start the engine to recharge the battery. Run the engine for a reasonable length of time.

The infotainment system will not operate without the engine running until the battery has regained its charge. With the engine running the infotainment system will start up.

What is a reasonable length of time to run the engine?

The vehicle battery normally requires a journey of approximately 30 mile (48 km) to recharge. Additionally, use the battery conditioner to restore the vehicle battery charge.

What if I cannot restart the engine?

If the battery has been run down to a point where it will not start the engine then an external battery charger¹ will be required or your vehicle will require a 'jump start' (Refer to 'Electrical Start From Another Vehicle', page 11.36).

¹. A battery conditioner is designed for conditioning of partially or fully charged batteries. It will not effectively charge a discharged battery.

Electrical Start From Another Vehicle

(Jump Start)

⚠ Warning

*** The donor vehicle must have a 12 volt battery and a negative (-), black earth terminal to make sure that the correct battery polarity is maintained.**

⚠ Apart from vehicle recovery, this vehicle must not be driven if the vehicle battery is incapable of starting the engine. In this case the vehicle battery must be replaced.

⚠ If the voltage or earth of the donor vehicle is different or not known, do not attempt starting in the way described.

If this vehicle will not start due to a discharged battery, it may be started, **for vehicle recovery**, by connecting the battery from another vehicle (donor) to this vehicle (recipient).

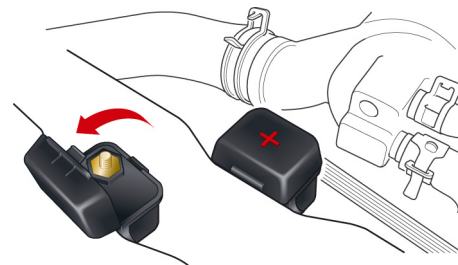
Jump Start Procedure

⚠ Remove rings, metal watch bands and any other jewelry.

⚠ Turn all electrical motors and ancillaries in both vehicles OFF.


⚠ Switch all lamps OFF except those needed to protect vehicles or illuminate work area.

1. Position the vehicles so that the connecting cables will reach into the recipient engine bay. Apply the parking brake and switch the ignition OFF.
2. Access the jump start terminal in the recipient engine bay.
3. Connect the + ve (red) cable between the '+ve' (red) terminal of the donor battery and the jump start terminal of the recipient vehicle.



4. Connect the '-ve' (black) cable between the '-ve' (black) terminal of the donor battery and a good earth (-ve) point in the recipient engine bay (i.e. alternator mounting bracket).
5. Start the donor vehicle engine and run at about 1500 - 2000 rpm.


6. Start the engine of the recipient vehicle.

 *Recharge time will depend on the initial 'state of health' of discharged battery.*

7. Once both vehicles are running remove the jump start cables (first the '- ve' (black) cable from both vehicles and then the '+ve' (red) cable from both vehicles).

Allow the recipient engine to run until the discharged battery is sufficiently recharged (15 to 20 minutes) to start the engine without assistance.

Switch OFF and restart the recipient engine. Take the vehicle on a long run to fully charge the battery.

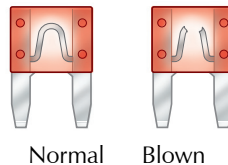
 *If this vehicle will not start consult your Aston Martin Dealer.*

Contact your Aston Martin Dealer to have the battery checked or replaced.

Fuses

The electrical system is protected by fuses. If any lamps, accessories, or controls don't work, inspect the appropriate circuit protector.

If a fuse has blown, the inside element will be melted. If the same fuse blows again, avoid using that system and consult your Aston Martin Dealer as soon as possible.

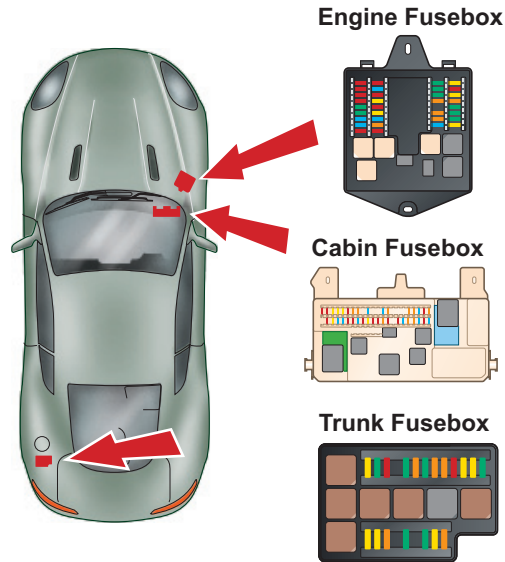


Fusebox Location

Engine Bay fuse box - Passenger Side.

Cabin fuse box - Passenger Footwell.

Trunk fuse box - Left side of trunk.



Engine Bay Fuses			Engine Bay Fuses			Engine Bay Fuses		
Fuse	Rating	Function	Fuse	Rating	Function	Fuse	Rating	Function
F1	10A	Keep alive power PCM (Bank B)	F11	15A	Horn	F22	5A	Not available
F2	10A	Clock	F12	10A	Keep alive power PCM (Bank A)	F23		Not available
F3	10A	Not available	F13	20A	Injectors 1-6 / Mass air flow sensor (MAF) (Bank A)	F24	5A	Not available
F4	20A	Engine management (PCM A)	F14	10A	Vapor Management Valve (VMV) (Bank A)	F25	5A	Not available
F5	20A	Engine management (PCM B)	F15	25A	Starter motor solenoid	F26	20A	Headlamp wash pump
F6	15A	Exhaust Gas Oxygen (HEGO) sensors / Catalyst monitor sensor (CMS) (Bank B)	F16	15A	Coils 1-6 / Suppressor solenoids (Bank A)	F27	25A	Not available
F7	15A	Coils 7-12 / Suppressor solenoids (Bank B)	F17	5A	Glove box release solenoid	F28	10A	ABS module, Steering angle sensor / Vehicle key reader
F8	10A	Engine coolant level sensor	F18	15A	Exhaust Gas Oxygen (HEGO) sensors / Catalyst monitor sensor (CMS) (Bank A)	F29	25A	Not available
F9	20A	Injectors 7-12 / Mass air flow sensor (MAF) (Bank B)	F19	30A	ABS module / Battery feed	F30	5A	Not available
F10	10A	A/C clutch	F20	30A	ABS module / Battery feed	F31	30A	Not available
			F21	30A	Not available	F32	30A	Wiper motor (slow)

Engine Bay Fuses		
Fuse	Rating	Function
F33	30A	Wiper motor (fast)
F34	20A	Electric steering column lock
F35	60A	Cooling fan module

Cabin Fuses		
Fuse	Rating	Function
F43	10A	Multi media module display / Media player / Integrated audio module
F44	10A	Airbag module
F45	15A	Not available

Cabin Fuses		
Fuse	Rating	Function
F46	5A	Deployable Rollbars (Volante) / Convertible Roof switch (Volante) / Driver Information / Master lamp switch / Glovebox solenoid/ Master locking switch / Centre console module
F47	5A	Glovebox switch / Fuel flap release / Garage door opener / Interior lamps (front / footwell / rear) / Trunk lamps / Seat switches / Trunk accessory socket illumination
F48	15A	Front windshield washer relay and pump
F49	10A	Airbag module / Power seats
F50	5A	Not available
F51	10A	Dynamic stability control / Diagnostic inputs / Parking aid module / Adaptive damping
F52	5A	Not available

Cabin Fuses		
Fuse	Rating	Function
F53	10A	Headlamp levelling module / Power steering module
F54	10A	Engine fuse box, Trunk fuse box / Tire pressure sensing
F55	20A	Accessory socket / Cigar Lighter
F56	10A	Centre console module / Sounder module / Hands-Free phone module
F57	15A	Diagnostic connectors / Brake pedal switch
F58	10A	High beam (right side) / Headlamp Levelling module
F59	10A	High beam (left side)
F60	15A	Drivers seat heater


Cabin Fuses		
Fuse	Rating	Function
F61	15A	Passenger seat heater
F62	20A	A/C module
F63	20A	Adaptive damping
F64	5A	Global positioning system module
F65	5A	Multi media module / Multi media display / Integrated audio module / AM/FM antenna amplifiers
F66	10A	Auxiliary socket module
F67	15A	Spare
F68	5A	Not available
F69	5A	Convertible Roof module (Volante)

Cabin Fuses		
Fuse	Rating	Function
F70	15A	Not available
F71		Not available
F72		Not available
F73	5A	Not available
F74	15A	Fuel pump
F75		Not available
F76		Not available
F77	15A	Trunk power socket
F78		Not available
F79	5A	Reversing Lamps / Parking Aid Module / Garage Door Opener
F80	5A	Not available
F81	20A	Ignition Control

Cabin Fuses		
Fuse	Rating	Function
F82	25A	Passenger door module
F83	25A	Driver door module
F84	30A	Passenger seat power and switch pack
F85	30A	Driver seat power and switch pack
F86	5A	Ignition Control

Trunk Fuses		
Fuse	Rating	Function
F1	5A	Convertible deck lid lock motors (Volante)
F2	20A	Not available
F3	30A	Heated rear windshield
F4	20A	Rear quarter glass motor (left side (Volante))
F5	30A	Audio amplifier
F6	20A	Rear quarter glass motor (right side (Volante))
F7	5A	Not available
F8	30A	Fuel pump module (Bank B)
F9	30A	Fuel pump module (Bank A)
F10	30A	Convertible Roof module (Volante)
F11	20A	Not available

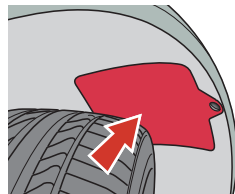
Trunk Fuses		
Fuse	Rating	Function
F12	20A	Transmission control module (Automatic)
F13	10A	Not available
F14	5A	Not available
F15	5A	Transmission control module (Automatic)
F16	30A	Convertible Roof pump (Volante)
F17	5A	Trunk lamps / Trunk power socket illumination
F18	30A	Audio amplifier
F19	5A	Not available
F20	10A	Not available
F21	30A	Convertible deck lid lock motors (Volante)
F22	20A	Exhaust by-pass valve and vacuum pump

Bulbs	
Bulb Kit	
Specification	Type
Main beam	12V 65W (H9)
Front direction indicators	12V 27W (3457 AK)
Footwell lamp	12V 5W (W5W)
Licence plate / Door lamp	12V 5W (WC5W (Festoon))
 Headlamp Units: Condensation. The headlamp units will generate condensation under certain conditions. However, this should clear after approximately 10 minutes.	

Headlamp Bulbs

Access to the headlamp bulbs is through an access panel in each wheel arch liner.

Turn the steering to the opposite lock from the headlamp unit with the defective bulb. Using a flat blade, i.e. a screwdriver or a small coin, release the screw on the access panel. Remove the access panel.

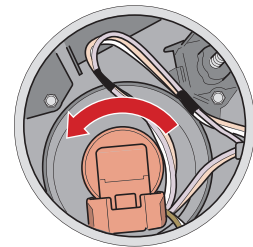
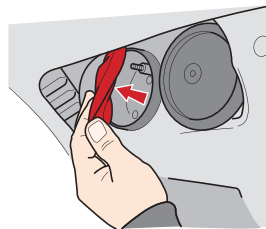


Main Beam Bulb

Warning

** Handle a halogen headlamp bulb carefully and keep out of children's reach. Grasp the bulb by only its plastic base and do not touch the glass. The oil from your hand could cause the bulb to break the next time the headlamps are operated.*

1. Remove the rubber cover.
2. Rotate the headlamp bulb unit a quarter turn counterclockwise. Withdraw the unit and disconnect the wiring harness plug.



3. Connect a new bulb unit, insert the new bulb unit and turn a quarter turn clockwise to lock. Install the rubber cover and access panel.

Dipped Beam Bulb

Warning

** High Intensity Discharge (HID) bulbs produce a very high voltage. They should only be serviced by an Aston Martin Dealership.*

High Intensity Discharge (HID) bulbs are used for dipped beam.

HID systems produce a brilliant white light by establishing a high-voltage electrical arc between two electrodes within a sealed glass tube. Once the arc is established, the voltage lowers to normal operating conditions.

HID bulbs are not renewable. Refer to your Aston Martin Dealer if a HID bulb fails to operate.

Front Indicator, Parking and Side Marker Lamps

If a front indicator, parking lamp or a side marker lamp bulb fails to operate, contact your Aston Martin Dealer.

Licence Plate Lamps

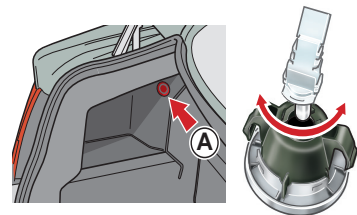
1. Lever the lamp unit from the licence plate side pod.
2. Remove the defective bulb from its holder and replace with a new one.
3. Push and clip the lamp unit back into in position.



Trunk Lamp

1. Taking care not to damage the vehicle trim, lever out the lens unit (A).
2. Twist, counterclockwise, and remove the bulb holder. Replace the defective bulb.
3. Install the bulb holder and clip the lens unit into its housing.


Bulb specification -
(Refer to 'Bulbs', page 12.7)



Rear Lamps

The Indicators, Stop and Tail, Reversing and Rear Fog LEDs are contained in a sealed lamp cluster unit, one either side of the vehicle. The lamp cluster is not repairable.

The high level mounted stop lamp unit consists of LEDs and is not repairable. If a rear lamp fails contact your Aston Martin Dealer.

 LEDs can last tens of thousands of hours and are resistant to heat, cold, shock and vibration.

Interior Lamps

- 1 Map
- 2 Rear Environment
- 3 Footwell
- 4 Door

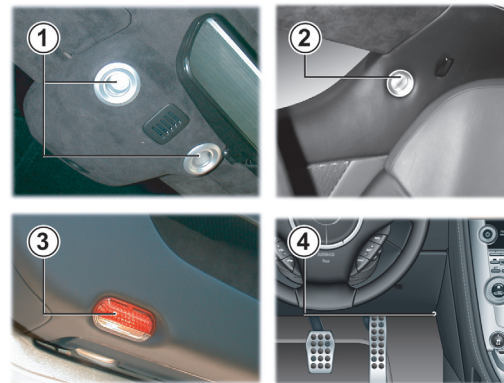
1. Taking care not to damage the vehicle trim, lever out the lens unit.

2. Replace the defective bulb.

Door lamp only: Open the access flap and replace the defective bulb

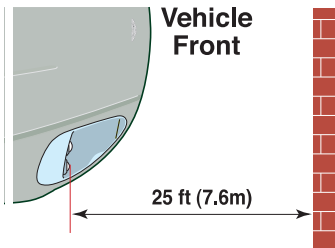
3. Press the lens unit into its housing until it clips into position.

Bulb specification - (Refer to 'Bulbs', page 12.7).



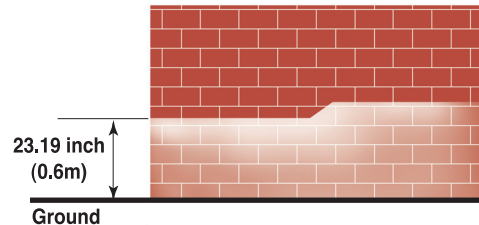
Headlamp Alignment

Headlamp aim check and adjustment must be completed with the vehicle parked on a flat surface facing a vertical wall at a distance of 25 ft (7.6 m) to the outboard internal lens, with no additional loads in the vehicle.



Check

1. Switch ON the dipped beam, ensuring that only the outer lamp each side is ON.
2. Measure the height of the left side of the beam pattern projected onto the wall. This should measure 23.19 in. (0.60 m) from the ground for a correctly aimed lamp. This must be completed for both right and left headlamps.



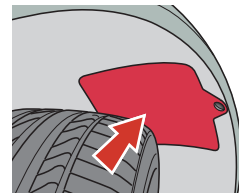
Adjustment

⚠ Warnings

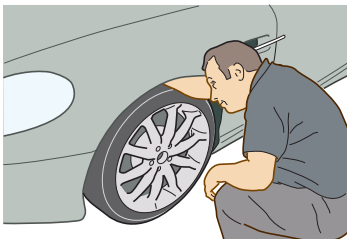
- * **Never allow anyone to turn the steering wheel whilst working in the road wheel arch.**
- * **Never remove the bulb access caps without reading the bulb replacement instructions.**

Should either headlamp require adjustment:

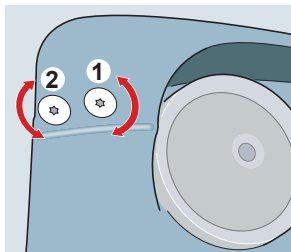
1. Remove the access panel. Turn the retaining screw 90° counterclockwise using a flat bladed screw driver or coin and pull out the access panel.



- Adjust the headlamp aim by turning the adjusters using a T-20 torx driver.



- Horizontal aim
- Vertical aim



- Replace the access panel by snapping into place and installing the retaining screw, and turning 90° clockwise.

Check the vertical beam angle by reversing the vehicle backwards 12 ft (3.6 m) and repeating the check procedure. The beam height should have reduced by 1 in (25 mm).

Door Window Reset

If power to the electric windows has been interrupted for any reason, they will fail to operate correctly until reset.

- Sit in the driver's seat. Close both doors, insert the vehicle key into the Ignition Control and move to position 'II' (ignition ON).
- Press firmly and hold the window switch until the window is at the maximum down position. Continue to hold the button for five seconds then release.
- Pull back and hold the window switch until the window is in the maximum up position. Continue to hold the switch for a further five seconds, then release.
- The window is now reset. Repeat for the second window.


Checks and Maintenance

Door drain holes

Check the drain holes in the bottom face of each door periodically and clear if necessary with, i.e. a short length of wire or a pipe cleaner.

Paint Work

Modern water based paints are much safer and more environmentally friendly than solvent based paints. Water based paints are however more susceptible to contamination and marking by corrosive substances. The following list is not exhaustive but does indicate the most common contaminants which may adversely affect your paint work:

 *Other groups of contaminants may be added to this list as experience of water based paints and finishes increases.*

- Bird Droppings
- Tree Sap
- Insect Remains
- Antifreeze
- Oils and Greases

Wash such substances from the vehicle using clean warm water with vehicle shampoo, at the earliest opportunity, especially in sunny weather which can accelerate contamination.

Washing

Warning

*** Washing and polishing agents containing silicone should not be applied to glass. This will reduce the efficiency of the wipers, causing smears which will reduce visibility, particularly during darkness and in the rain.**

Commercially operated automatic vehicle washes, jet washes and power-operated mops are not recommended. The detergents used are, generally, of a high PH content which may, over time, damage the vehicle paint work.

Prolonged usage of automatic vehicle washes and power-operated mops will also cause fine scratches in the paint surface.

For best results, do not wash the vehicle in strong sunlight. Allow the vehicle to cool before washing. Do not use household soaps or detergents. Do not direct hoses at full force around the door and trunk lid seals.

When washing the vehicle, first hose it down first to remove all dust and mud residue.

When dust and mud have been removed wash gently with a soft sponge using cold or warm water with a mild neutral detergent as directed by the manufacturers.

Rinse thoroughly with a hose to remove all traces of soapy water. Finally dry with a chamois leather, which should be rinsed regularly in clean water.

To delay the onset of corrosion developing on the brake components Aston Martin recommend that after washing this vehicle, the vehicle should be driven a short distance to make sure that all water and washing product has dried off.

Wash and clean the vehicle's front grill in the same way as the paint work, but make sure that the front grill is dried off completely leaving no water droplets on the grill (wipe the front grill last using a chamois leather): Chrome polish or other abrasive cleaners must not be used.

Aston Martin recommends the use of 'AUTOGLYM' vehicle care products or preparations of similar reputable manufacture for adding to the washing water.

During the winter months, it is advisable to wash the vehicle more frequently, paying particular attention to the underside to combat the detrimental effects of any salt and sand contamination picked up from treated roads.

Road Wheels

To avoid possible damage to the alloy road wheels, wheel nuts & wheel centre trims, from a build up of brake dust wash and clean the alloy road wheels frequently, using a mild soapy water solution only. Do not use chemical alloy road wheel cleaners, as they can often have a high acid or alkaline content and could cause discolouration. Always clean one wheel at a time and do not allow the cleaning solution to dry on the wheel. Fully flush off with clean water.

Headlamp Lenses

Only use a mild soapy water solution when washing the Headlamp Lenses. Do not use cleaning materials which contain solvents.

Cleaning materials which contain solvents, i.e. Tar remover, Petrol/Gasoline, Waxes or Polishes, may damage the headlamp lens.

Polishing

Approximately twice a year, a good quality polish should be applied and then buffed, using a soft lint-free cloth.

Alloy wheel rims should be treated with a cleaner which is specifically manufactured for this purpose.


Convertible Roof Fabric (Volante)

! Do not use automatic vehicle washes. Brushes, detergents and pressurized water jets may damage the Roof fabric.

! Do not use power washers. Jets of water may damage the weather seals and the Roof fabric.

! *Do not use spot cleaners, chemical diluents or any organic cleaners. If in doubt, contact your Aston Martin Dealer.*


To maintain the appearance and condition of the Roof fabric the cleaning and reproof recommendations given below should be followed. This is of particular importance in the case of light colored Roof fabrics.


 *Do not leave the Roof in the opened (folded) position for longer than necessary. In certain circumstances permanent soiling along folds may occur.*

Cleaning

Carefully vacuum clean the Roof fabric to remove any loose particles. Gently, and evenly, wash the Roof fabric using a mild soap solution and a soft brush.

Rinse the Roof fabric thoroughly with clean water to remove any traces of soap. Allow the Roof fabric to completely dry before operating the Roof.

 *Remove bird droppings as soon as possible. The organic acids in bird lime can adversely affect the Roof fabric.*

 *A hard brush will damage the fabric fibres.*

Reproofs

Due to its construction the Roof fabric will stay watertight without re-proofing. However to retain the appearance of the Roof, to reduce soiling and to improve the drying time Aston Martin recommended that the Roof is re-proofed annually, by your Aston Martin Dealer.

Upholstery, Carpets and Seats

The seats and soft trimmed components of this vehicle are covered in natural leather hide.

In general, this natural leather upholstery requires little attention. The seats should be brushed with a soft brush from time to time and may be cleaned occasionally with a cloth dampened in soap and water. **Do not** use detergents, quick cleansers or furniture polishes.

Several times a year, a leather conditioner or preservative should be used. Appropriate care materials are obtainable from your Aston Martin Dealer.

⚠ Warning

*** Fumes from cleaning solvents may be dangerous in confined spaces. Make sure that the vehicle is well ventilated and follow the manufacturer's printed instructions when using these products**

Alcantara roof linings and other soft trimmed areas may be brushed with a soft brush. Stains from water based substances such as coffee, tea or soft drinks should be cleaned as soon as possible with mild soap and water. Please consult your Aston Martin Dealer for instructions on the removal of more difficult stains such as oil, grease or ballpoint ink.

Carpets should be cleaned regularly with a vacuum cleaner. Any stains or grease marks should be removed with a good quality solvent suitable for use on carpets.

Care and Maintenance of Seat Belts

⚠ Do not allow seat belts to be retracted until they are completely dry.

To make sure that restraint webbings are in proper working order, regularly check the seat belts. Look for fraying, cuts, burns and similar problems. Make sure that the latches and buckles function correctly. If a seat belt is not in good condition or is not working properly, consult your Aston Martin Dealer.


Any seat belt that has been worn during a serious collision should be replaced by an Aston Martin Dealer.

To clean the seat belts, use mild soap and water; do not use bleach, solvents or dyes as they can weaken the material. Allow the seat belts to dry thoroughly before use.

Under Hood Cleaning

Under hood cleaning using high pressure hoses or steam cleaners should not be carried out. The electronic control module connections and fuse boxes can be damaged by indiscriminate use of high pressure cleaning equipment.

Recommendations


 *These recommendations apply to new and pre-owned cars either in Dealer or Customer ownership.*

If your vehicle is not to be used for periods in excess of three months it should be stored in a dry, well ventilated building.

1. Drive your vehicle for a sufficient distance to warm the oil in the engine and the transaxle; this makes sure of complete lubrication of the internal components.
2. Check the engine coolant level. Top up if necessary with the correct antifreeze and water solution.
3. In order to take the weight off the tires, raise the vehicle with a jack and place supports under the front and rear suspension.

4. If the vehicle is not raised from the ground, increase the tire pressures to 50 psi (3.4 bar, 340 kpa). Cover the tires to exclude any light. Rotate the wheels ¼ turn every month to avoid tire flat spots.

5. **Volante only.**
Close the Roof.

 *Do not leave the Roof in the opened (folded) position for longer than necessary. In certain circumstances permanent soiling along folds may occur.*

6. If mains power is available, connect and switch the battery conditioner ON to maintain the battery in a fully charged state.

7. Once a month:

- 7.1 Disconnect the Battery Conditioner (if in use).
- 7.2 Start and run the engine until it is fully warmed up.
- 7.3 Check there are no fluid leaks.
- 7.4 Switch the ignition OFF.
- 7.5 Connect the Battery Conditioner.
- 7.6 Check and correct tire pressures if necessary.

When returning the vehicle to normal service, set the tire pressures to normal specification before driving on the road.

Extended Storage

For storage periods exceeding six months the following measures are recommended;

 *Do Not Drain Fuel System.*

1. Run the engine until there is as small a quantity of fuel in the tank as is practical for storage purposes.
2. Add engine oil to the remaining fuel in the tank to make sure of a concentration of 2% (i.e. 20ml per 1 liter of fuel), then run engine for not less than ten minutes to circulate mixture thoroughly through the entire fuel system.
3. Inspect rubber connections of coolant system and have them renewed if necessary.

4. Wash the vehicle bodywork thoroughly and repair any paint blisters or patches of corrosion in order to prevent any further deterioration.
Apply a suitable polish.
5. Clean the carpets and upholstery thoroughly. Treat all leather upholstery with an application of a leather conditioner or preservative.
6. If the storage building is dry leave vehicle windows slightly open. If there is any tendency towards dampness close vehicle doors and windows and place an anti-moisture compound such as Silica desiccant bags in an open metal container inside vehicle.
7. Cover vehicle with a cotton or fabric cover.


Re-commissioning after Storage

Provided that the vehicle has been stored in accordance with the recommended procedure, the following points only should require attention before using your vehicle on the road.

1. Check the tire pressures, inflate if necessary, lower the vehicle to ground.
2. Drain the engine sump and the final drive unit, install a new engine oil filter element, then fill the engine and the final drive unit with approved oils. Check the coolant level and, if necessary, top-up with the correct antifreeze to water solution.
3. Check all fluid levels and top-up as necessary. Fill the fuel tank.

! *Starting the engine without sufficient lubrication can cause serious engine damage. Make sure engine oil pressure is established before allowing the engine to start.*

4. Obtain engine oil pressure:

- 4.1 Press and hold the accelerator **hard to the floor** (this will temporarily inhibit the fuel injection during cranking).
- 4.2 Fully press the brake (automatic) or clutch (manual) pedal down. Insert the vehicle key into the Ignition Control and move through to engine start. Allow the engine to crank until the oil pressure symbol () (on the instrument pack) extinguishes, indicating oil pressure in the engine.
- 4.3 Release the vehicle key and accelerator pedal.

5. Start the engine normally and check that the oil pressure and ignition warning symbols go OFF as the engine starts, indicating correct oil pressure and battery charging.

6. Raise the hood and check for leaks of fuel, oil and coolant.

7. **Volante only.**

Check the operation of the Roof and check for oil leaks. If the Roof does not operate correctly during first use, operate the Roof a few times (with the engine running to keep the battery at full voltage). If the Roof still does not operate correctly contact your Aston Martin Dealer.

8. Carefully test drive your vehicle and check the operation of all functions.

Braking performance can be impaired, initially, due to a fine film of corrosion on the brake rotor surface. Drive conservatively and, when **safe to do so**, frequently apply the brakes until rotor surfaces have been cleaned. Full braking performance should then be restored.

If in any doubt about the condition of your vehicle, have it checked by your Aston Martin Dealer.

Specifications

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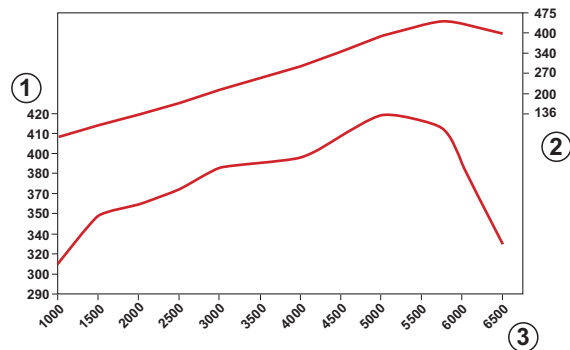
Engine	12.2	Bulbs.....	12.7
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Engine				Performance	
All alloy, quad overhead cam 48 valve V12		Stroke	3.13 in. (79.5 mm)	Manual Transmission	
Fuel	Recommended Premium Unleaded Gasoline 93 Octane (R+M)/2 for optimum performance 91 Octane (R+M)/2 Premium Unleaded Gasoline minimum	Spark Plugs	NGK - PTR6E-13	Max Power	470 bhp (350.5 kw) @ 6000 rpm
Fuel Delivery System	Multi-point sequential fuel injection	Spark Plug Gap	0.05 in. (1.3 mm) (\pm 0.004 in. (0.1 mm))	Max Torque	442.5 lb/ft (600 Nm) @ 5000 rpm
Capacity	5935 cc	Compression Ratio	10.7:1	Max Speed	
Firing Order	1 - 7 - 5 - 11 - 3 - 9 - 6 - 12 - 2 - 8 - 4 - 10	Ignition	'Coil on Plug' ignition system	Coupe	190 mph (305 km/h) (where permitted)
Idle Speed	Manual Transmission - 750 rpm Automatic Transmission - 650 rpm	Emission control	Eight Oxygen sensors (four per exhaust branch) 2 three-way catalytic convertors (one per exhaust branch) Evaporative loss purge	Volante	190 mph (305 km/h) (where permitted)
Bore	3.504 in. (89.0 mm)	Lubrication	Wet sump pressurized lubrication	0-60 mph	4.6 seconds
				0-100 km/h	4.8 seconds
				Max Engine Speed	7000 rpm

Automatic Transmission

Max Power	470 bhp (350.5 kw) @ 6000 rpm
Max Torque	442.5 lb/ft (600 Nm) @ 5000 rpm
Max Speed	
Coupe	190 mph (305 km/h) (where permitted)
Volante	190 mph (305 km/h) (where permitted)
0-60 mph	4.3 seconds
0-100 km/h	4.5 seconds
Max Engine Speed	6850 rpm

Power and Torque Graph



- 1 Torque (lb/ft)
- 2 Power (bhp)
- 3 Engine speed (rpm)

Electrics

Alternator	Denso SC2 200 Amps
Voltage Regulation	14.4V \pm 0.5V @ 68°F (20°C)
Battery	Varta 90AH.

Transmission**Automatic Transmission**

ZF 6HP26 six speed with 'Shift by Wire' (SBW) gear shift technology.

Gear	1st	2nd	3rd	4th	5th	6th
Ratios	4.17:1	2.34:1	1.52:1	1.14:1	0.87:1	0.69:1
	Reverse					
	3.40:1					

Manual Transmission

Graziano six speed transmission with integrated shifter bellcrank system (cable operated)

Gear	1st	2nd	3rd	4th	5th	6th
Ratios	3.15:1	1.97:1	1.44:1	1.15:1	0.94:1	0.76:1
	Reverse					
	2.39:1					

Final Drive

	Manual	Automatic
Ratio	3.54:1	3.15:1

Limited slip differential.

Steering

Rack and pinion, servotronic speed-sensitive power-assisted steering. Column tilt and reach adjustments.

Turns lock to lock	3.0	
Turning Circle	37.5 ft (11.5 m) (Curb to Curb)	
Toe-In	Front	0.08° (± 0.07°) (5' (±4'))
	Rear	0.33° (+ 0.17° / - 0.0°) (20' (+10' / - 0.0'))

With the vehicle at its design weight. Refer to your Aston Martin Dealer.

Suspension

Front Aluminum independent double wishbone incorporating anti-dive geometry. Coil over aluminum monotube dampers and anti-roll bar.

Rear Aluminum independent double wishbone incorporating longitudinal control arms, coil over aluminum monotube dampers and anti-roll bar.

Features

Dynamic Stability Control (DSC) and Adaptive damping.

Brakes

Ventilated and grooved steel rotors all round.

Front Rotors 14 in. (355 mm) diameter

Rear Rotors 13 in. (330 mm) diameter

Calipers Radial-mounted four-piston monobloc.

Parking brake Lever and cable operated independent parking brake callipers on each rear brake rotor.

Anti Lock Braking System (ABS), Electronic Brakeforce Distribution (EBD), Emergency Brake Assist (EBA), Dynamic Stability Control (DSC) and Traction Control (TCS).

Wheels

⚠ Warning

*** Install winter wheels and tires to both axles before the start of severe winter weather conditions.**

Standard Wheels

Front Aston Martin aluminum alloy wheels, 8.5J x 19

Rear Aston Martin aluminum alloy wheels, 9.5J x 19

SportPack Wheels¹

Front Lightweight forged aluminium alloy wheels, 8.5J x 19"

Rear Lightweight forged aluminium alloy wheels, 9.5J x 19"

¹. Two wheel designs available.

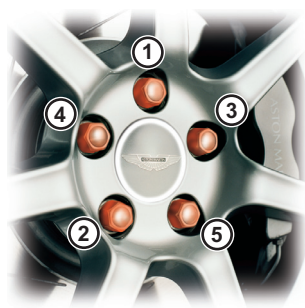
Winter Wheels

Front	Aston Martin aluminum alloy wheels, 8 x 18
Rear	Aston Martin aluminum alloy wheels, 9 x 18

Wheel Nut Torque

Tighten every second nut until all five nuts are tightened. Tighten all wheel nuts in two stages.

- To 60 lb/ft (80 Nm) in one continuous movement.
- To 133 lb/ft (180 Nm) in one continuous movement.




Tires

⚠ Warning

*** Install winter wheels and tires to both axles before the start of severe winter weather conditions.**

Tires installed to this vehicle shall have a maximum load rating not less than 1389 lb. (630 kg) (front) and 1565 lb. (710 kg) (rear), or a load index of 92 (front) and 96 (rear) and a speed category of ZR.

 *The Original Equipment tires installed to this vehicle are an approved specification, designated by 'AM9' on the sidewall.*

Front	Bridgestone RE050 235/40 ZR 19
Rear	Bridgestone RE050 275/35 ZR 19

Pressures (Cold Inflation)

Front	36 psi (2.5 bar / 250 kPa)
Rear	38 psi (2.6 bar / 260 kPa)

Winter Tires

⚠ Warning

*** Maximum speed with winter tires is 150 mph (240 km/h).**

Front	Pirelli W240SN 225/45 R18
Rear	Pirelli W240SN 255/40 R18
Front	Pirelli Sotto Zero 235/40 ZR19
Rear	Pirelli Sotto Zero 275/35 ZR19

Pressures (Cold Inflation)

Front	36 psi (2.5 bar / 250 kPa)
Rear	38 psi (2.6 bar / 260 kPa)

Snow chains may only be installed to the driven (rear) road wheels. Consult your Aston Martin Dealer.

Tire Ratings

Treadwear	180
Traction	Traction AA
Temperature	A

Bulbs

	Rating	Type
Headlamp dipped beam	35W	D1S HID
Headlamp main beam	65W	H9
Front Indicator lamps	27W	3457 AK
Parking lamp / Footwell lamps	5W	W5W
Door lamps	5W	C5W
Side Repeater	5W	WY5W
Side marker (front and rear) / Rear quarter lamps / Trunk lamp / Reading lamps	3W	W3W
High Mounted Stop Lamp		LED
Licence plate lamps	5W	C5W

The rear lamp cluster is a sealed unit. If any rear cluster lamp fails to operate contact your Aston Martin Dealer.

Vehicle Specification**Body**

- Two door Coupe with 2+2 seating
- Two door Volante with 2+2 seating

Extruded aluminum bonded body structure with aluminum and composite body panels. Extruded aluminum door side impact beams.

Towing

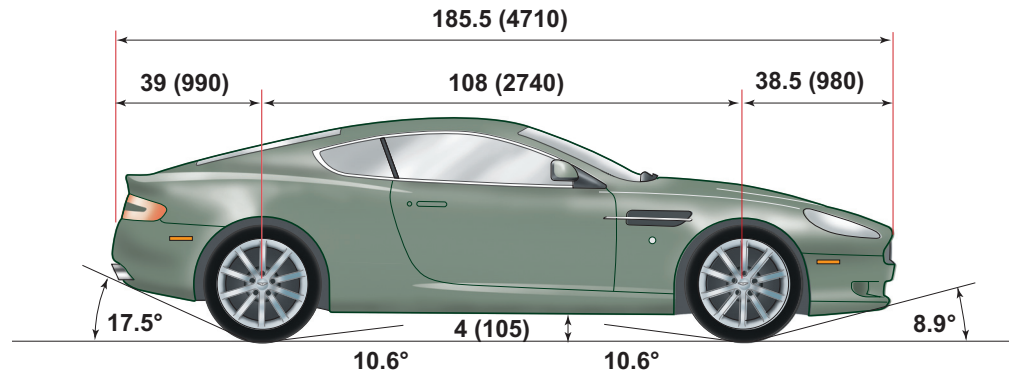
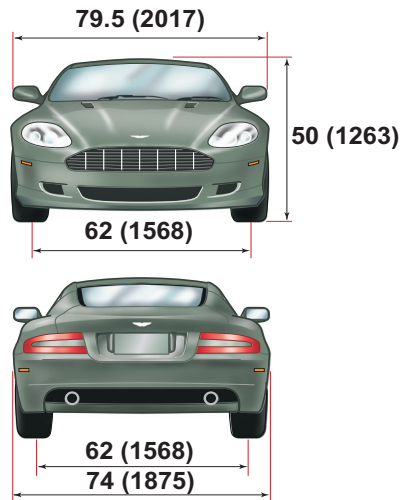
This vehicle is not engineered to tow any form of caravan, boat or trailer.

No towing devices are approved for installing to this vehicle, other than a front towing eye to aid recovery or loading of this vehicle onto a transporter.


Exterior Dimensions

Specifications

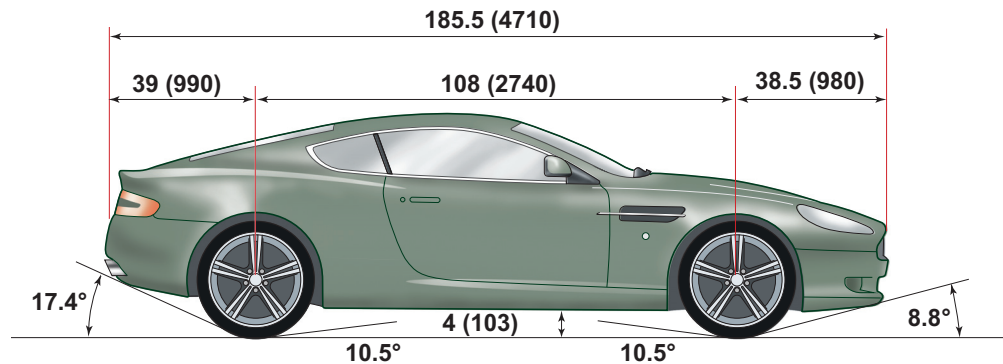
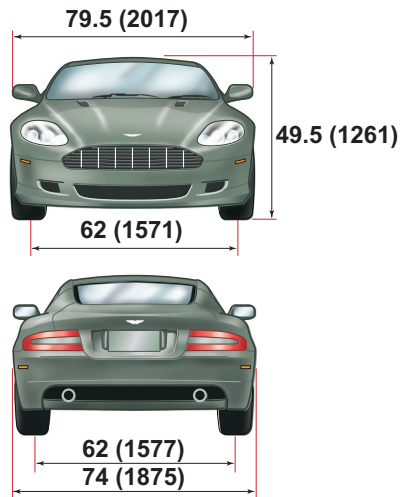
Coupe




Inch (mm).

 Ride height is measured at GVW.

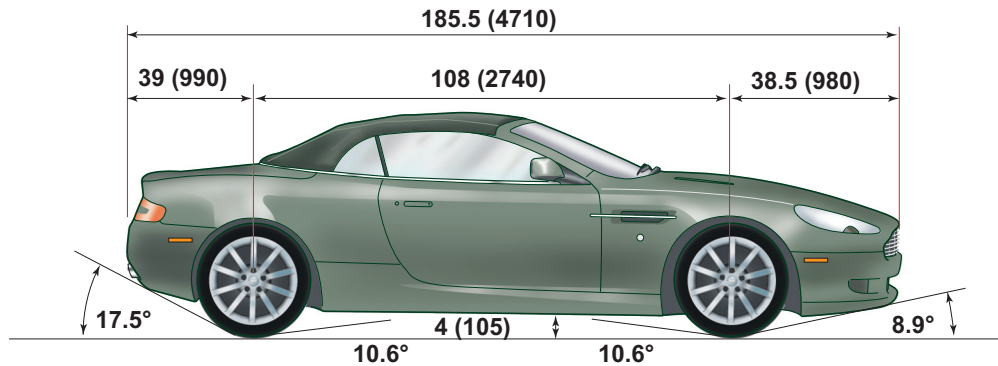
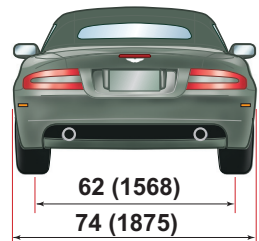
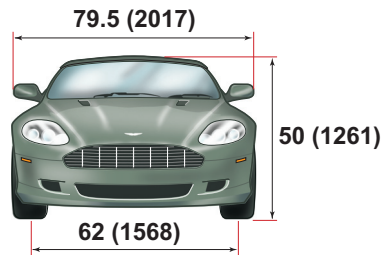
Coupe SportPack



Inch (mm).

 Ride height is measured at GVW.

Volante



Inch (mm).

Ride height is measured at GVW.

The minimum headroom required to open or close the Convertible Roof is 60 inch (1531 mm).

Vehicle Weights

Curb Weight

	Manual	Automatic
Coupe	3880 lb (1760 kg)	3970 lb (1800 kg)
Volante	4000 lb (1815 kg)	4090 lb (1855 kg)

Gross Vehicle Weight (GVW)

	Manual	Automatic
Coupe	4540 lb (2060 kg)	4630 lb (2100 kg)
Volante	4665 lb (2115 kg)	4750 lb (2155 kg)

Trunk Maximum Load

88 lb (40 kg) evenly distributed

Interior Dimensions

Effective Headroom

Coupe	Front	36.7 in (932 mm)
	Rear	31.3 in (796 mm)
Volante	Front	36.3 in (921 mm)
	Rear	31.5 in (800 mm)

Shoulder Room

Front	54.8 in (1392 mm)
Rear	47.2 in (1200 mm)

Hip Room

Front	55.5 in (1410 mm)
Rear	48.9 in (1242 mm)

Effective Legroom

Front	43 in (1086 mm)
Rear	27.4 in (695 mm)

Trunk Volume

Coupe	6.6 cu/ft (186 ltr)
Volante	4.8 cu/ft (138 ltr)

Exterior Features

- Door mirrors
 - Heated, electrically adjusted
 - Position memory system
 - Powerfold system
 - Auto fold system
- Electrically operated door windows
- Heated rear window
- Reversing Sensors

Interior Features

- Hand crafted leather trim
- Walnut fascia veneer (alternative options)
- Polished aluminum and painted alloy details
- Air-conditioning
- Alarm system interacting with the central locking system and PATS immobilizer system
- Driver and front passenger dual-stage airbags and front occupant side airbags
- Ten-direction electrically adjusted front seats (including height adjustment)
- Position memory front seats (including door rear view mirrors)

- Heated front seats (two heat levels)
- Organic electroluminescent (OEL) displays
- Infotainment centre
 - Aston Martin Audio system with radio, 6 CD autochanger and 700W power output with Dolby Pro Logic II
 - Bang & Olufsen Audio system with radio, 6 CD autochanger and 974W power output (option)
- Hands-Free phone system
- Menus for Audio, Hands-Free phone system, Satellite Navigation system, Vehicle Security
- Hard Disk Drive (HDD) Satellite Navigation system

Fluids

Engine oil

Mobil 1 Recommended (0W-40) and (0W-30)

However, if these oils are not available, a fully synthetic 0w-30 or 0w-40 oil meeting the specifications detailed below can be used. No other viscosity grades or specifications are acceptable.

⚠ To achieve the required high performance of synthetic lubricants, do not mix with mineral oils.

0W-30

Authority	Standard
-----------	----------

API	SL / SJ / EC / CF
ACEA	A1 / A5 / B1 / B5
ILSAC	GF3

0W-40

Authority	Standard
-----------	----------

API	SL / SJ / EC / CF
ACEA	A3 / B3 / B4
ILSAC	GF3

Only use oils 'Certified For Gasoline Engines' by the American Petroleum Institute (API).

An oil with this trademark symbol conforms to the current engine and emission system protection standards and fuel economy requirements of the International Lubricant Standardization and Approval Committee (ISLAC), comprised of U.S. and Japanese automobile manufacturers.



Engine coolant	50% water, 50% Havoline OAT
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⚠ Do not mix OAT anti-freeze with glycol based antifreeze.

Automatic transmission fluid	Shell ATFM 1375-4
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Automatic transmission final drive oil	Shell Spirax ASX 75W-90
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Manual gearbox oil and Final drive	Castrol BOT270A _a
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Brake and Clutch fluid	Castrol Super Response Dot 4
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Power steering fluid	Pentosin CHF 11S
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A/C refrigerant	HFC134A
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^a. Only available from Aston Martin Dealers.

Capacities

	Quarts (Liters)
Engine sump (incl. filter)	11.5 (11)
Engine cooling system	15.8 (15)
Screen washer reservoir	7.3 (6.9)
Power Steering reservoir	1.4 (1.3)
Automatic Gearbox and Cooler	10.2 (9.7)
Automatic final drive and Cooler	1.7 (1.6)
Manual Gearbox, Final drive and Cooler	5.3 (5.0)
	Gallons (Liters)
Fuel Tank	21 (80)

 *Approximately 20.5 Gallons (78 liters) usable.*



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Service

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Pre-delivery Inspection

This free series of checks is carried out on the vehicle by the Selling Dealer before delivery. The checks make sure that you receive a vehicle which matches the high quality standards set by Aston Martin Limited.

Make sure that the entry is stamped and signed as completed. The following checks will be made:

(1) Levels and Leaks

Engine oil.	Windshield washer fluid.
Power steering oil.	Fuel system.
Brake and Clutch fluid.	Transaxle (leak check only).
Engine coolant level.	Battery.
Engine coolant specific gravity.	

(2) Mechanical Functions

Gear selection (manual).	Seat adjuster rails.
Clutch operation (manual).	Hood release and catch.
Throttle pedal operation.	Door operation and locks.
Parking brake operation.	Storage compartments.
Steering column adjustment and lock operation.	Rear view mirror.
	Trunk release and catch.

(3) Electrical Checks

Battery condition.	Infotainment centre operation (Audio, Satellite Navigation and Hands-Free phone).
Auto transmission gear selection functions.	All speakers.
Heated rear window.	Reversing lamps.
Windshield washers.	License plate lamps.
Windshield wipers.	Side and headlamps.
A/C controls.	

(3) Electrical Checks

Brake lamps	Interior lamps.
Hazard warning lamps.	Cigar lighter (option).
Instrument illumination and dimmer.	All seat functions.
Gauges and warning symbols.	Door window mechanisms.
Centre stack controls.	Door and trunk courtesy lamps.
Centre console controls.	Central locking system.
Horns.	Filler flap lock operation.
Reset clock (if necessary).	Door mirror adjustments.
Rear fog lamps.	Clutch pedal start inhibit (Manual).
Blower motor.	Brake pedal start inhibit (Automatic).
Seat belt warning system.	
Security system and Vehicle key.	Record battery open-circuit voltage.

* Scheduled operation time.

(4) Wheels and Tires

Install locking road wheel nuts (option).	Tire orientation.
Check road wheel nuts torque.	Check color coded valve collars (Tire pressure monitoring)
Tire pressures.	

(5) Road Test

Engine.	Gear shift operation in all modes.
Clutch (Manual).	Noise, vibration or harshness.
Transaxle.	A/C performance.
Steering.	Instruments operation.
Brakes.	Seat belt and buckle operation.
Wheel balance.	Steering wheel alignment.
Dampers.	Traction control and DSC.
Exhaust by-pass system.	ABS operation.

(6) Final Checks

Drive belt tensioner operation.	Fuel and fluid leaks.
Fuel and brake pipe security.	Security of cooling hoses.
	Exhaust catalyst security.

(7) Hand-over Preparation

Check function of all locks and vehicle keys.	Install carpets.
Clean bodywork and road wheel arch liners. Inspect, rectify.	Remove interior protection.
Clean off all transit labels.	Check Owner's Guide.
Valet Vehicle.	Check tools.
De-grease windshield.	Install License plates.
	Tire sealant kit.
	Towing eye.

Odometer:

Applicable Service Actions checked:	YES	NO
-------------------------------------	-----	----

Open Service Actions completed:	YES	NO
---------------------------------	-----	----

Dealer Stamp

Free

Pre-delivery Inspection***4.75 Hours**

Signature..... Date.....

Service Periods

Vehicle servicing is every 10,000 mile (16,000 km) or 12 months, whichever ever occurs first.

10,000 mile (16,000 km) or 12 month

20,000 mile (32,000 km) or 24 month

30,000 mile (48,000 km) or 36 month

12 Month To maintain the hydraulic brake system performance, the brake fluid is renewed every 12 months to clear the system of absorbed water vapor.

The following service schedules are recommended for this vehicle. The schedules may be modified if necessary. Please consult your Aston Martin Dealer for details of any service schedule updates.

	10000mls 16000km 12 months	20000mls 32000km 24 months	
Pre-Maintenance			
	x	x	Pre-Maintenance Road Test Evaluation
	x	x	Install vehicle protection kit and fender covers
	x	x	Check Bulletins, Field Service Actions and Recall status
	x	x	Renew engine oil
	x	x	Renew engine oil filter
	x	x	Check for engine oil leaks
	-	x	Renew air cleaner elements
	x	-	Check manual transaxle for leaks. Top up if required

10000mls	20000mls
16000km	32000km
12 months	24 months

Fluids, Filters and Leaks Checks

Every 60,000 mile (96,000 km) or six years	Every 100,000 mile (160,000 km) or 10 years	Check and top up manual transaxle oil level
Every 40,000 mile (64,000 km) or four years		Renew manual transaxle oil. Clean filter
x	x	Check auto gearbox for leaks and top up if required
-	-	Check differential for leaks, top up if required (automatic)
-	x	Renew differential oil and clean the filter (automatic)
Every 100,000 mile (160,000 km) or five years		Renew engine coolant - check S.Gravity
x	x	Check and top-up engine coolant
x	x	Check cooling and heating systems for leaks
x	x	Check for fuel leaks

10000mls	20000mls
16000km	32000km
12 months	24 months

	12 Month		Renew brake and clutch fluid
x		x	Check and top-up brake and clutch fluid reservoir
x		x	Check and top-up power steering reservoir
x		x	Check power steering system for leaks
x		x	Check brake hoses, pipes and unions for leaks
x		x	Check suspension dampers for leaks
x		x	Top-up windshield and headlamp washer reservoir
x		x	Check exhaust system for leaks
x		x	Check operation of exhaust by-pass valves
x		x	Check A/C system for leaks
-		x	Renew pollen filter

10000mils	20000mils
16000km	32000km
12 months	24 months

Mechanical Function Checks

10000mils	20000mils	
x	x	Lubricate all door locks and hinges
x	x	Lubricate hood secondary catch
x	x	Check security of the hood catch. Check that the hood secondary catch moves freely over its whole travel and returns smartly under spring pressure.
x	x	Check and adjust drive belt tension, renew if necessary
x	x	Adjust parking brake cables, if required
x	x	Check parking brake security
x	x	Check condition of parking brake pads
x	x	Inspect brake pad wear and condition of rotors and callipers. Replace brake pads and wear warning leads if 60% worn
x	-	Check wiper blade inserts. Renew if necessary

10000mils	20000mils	
16000km	32000km	
12 months	24 months	

10000mils	20000mils	
-	x	Renew wiper blades
x	x	Inspect coolant radiator and A/C condenser. Clean if required
x	x	Check condition and operation of all seat belts
x	x	Check security of exhaust system mountings and heat shields
x	x	Check brake hoses, pipes and unions
x	x	Check power steering pipes and unions for corrosion and mechanical defects
x	x	Check security and condition of fuel hoses
x	x	Check cooling system hoses security and condition
x	x	Check A/C hoses security and condition

10000mls 16000km 12 months	20000mls 32000km 24 months	
x	x	Check condition and security of steering unit joints and gaiters
x	x	Check security and condition of suspension ball joints, gaiters and bushes
x	x	Check security and condition of suspension fixings
-	x	Check tightness of driveshaft bolts
x	x	Check interior rear view mirror for security and function
-	x	Check the condition of wheel arch liners
Electrical Function Checks		
Every 70,000 mile (112,000 km)		Renew spark plugs
x	x	Check and record battery voltage
x	x	Clean and grease battery connections
-	x	Check and if necessary adjust headlamp alignment
x	x	Check operation of all lamps

10000mls 16000km 12 months	20000mls 32000km 24 months	
x	x	Check operation of ABS warning lamp
x	x	Check operation of all warning indicators
x	x	Check audible warnings including security system
x	x	Check operation of the horns
x	x	Check operation of the windshield wipers
x	x	Check exterior rear view mirrors for security and function
x	x	Check service interval indicator. Reset
x	x	Check and operate electric windows
x	x	Check and operate powerfold mirrors
x	x	Check windshield washers and jets

10000mils	20000mils	
16000km	32000km	
12 months	24 months	

Wheels and Tire Checks

10000mils	20000mils	
x	x	Check for correct tire size, type and orientation
x	x	Check color coded valve collars for correct location (Tire pressure monitoring)
x	x	Check and report tire tread depth
x	x	Check tires for uneven, excessive wear or damage
x	x	Check and adjust tire pressures
x	x	Check torque of road wheel nuts
x	x	Check road wheel rims for inner and outer damage.
x	x	Check operation of tire pressure sensors
x	x	Check 'use by' date of tire repair kit

Anti Corrosion Check

10000mils	20000mils	
x	x	Check body panels and underbody for corrosion starting from the inside - out (excluding stone chips).

10000mils	20000mils	
16000km	32000km	
12 months	24 months	

Gear Change Modes (Automatic)

10000mils	20000mils	
x	x	Auto
x	x	Sport
x	x	Touchtronic
x	x	Reverse

Final Checks

10000mils	20000mils	
x	x	Degrease windshield
x	x	Carry out road test - including operation of all auto gearbox modes
x	x	Check ABS and Traction Control operation
x	x	Check operation of all seat belts and buckles
x	x	Check that fuel filler bowl rain drain is clear

Service Record

The following service records cover the regular services at 10,000 mile (16,000 km) or 12 months, which ever occurs first, intervals. Make sure that at each service the appropriate entry is stamped and signed as completed.

Vehicle
Identification
Number:

Date of Delivery:

Odometer:

Applicable Service Actions checked: YES NO

Open Service Actions completed: YES NO

Odometer:

Applicable Service Actions checked: YES NO

Open Service Actions completed: YES NO

Dealer Stamp

**10,000 mile (16,000 km) or
12 month**

*3.85 Hours

Signature..... Date.....

Dealer Stamp

**20,000 mile (32,000 km) or
24 month**

*5.00 Hours

Signature..... Date.....

Odometer:

Applicable Service Actions checked: YES NO

Open Service Actions completed: YES NO

Dealer Stamp

**30,000 mile (48,000 km) or
3rd year**
*3.85 Hours

Signature..... Date.....

Odometer:

Applicable Service Actions checked: YES NO

Open Service Actions completed: YES NO

Dealer Stamp

**40,000 mile (64,000 km) or
4th year**
*5.00 Hours

Signature..... Date.....

Odometer:

Applicable Service Actions checked: YES NO

Open Service Actions completed: YES NO

Dealer Stamp

**50,000 mile (80,000 km) or
5th year**
*3.85 Hours

Signature..... Date.....

Odometer:

Applicable Service Actions checked YES NO

Open Service Actions completed YES NO

Dealer Stamp

**60,000 mile (97,000 km) or
6th year**

*5.15 Hours

Signature..... Date.....

Odometer:

Applicable Service Actions checked YES NO

Open Service Actions completed YES NO

Dealer Stamp

**70,000 mile (113,000 km) or
7th year**

*6.30 Hours

Signature..... Date.....

Odometer:

Applicable Service Actions checked YES NO

Open Service Actions completed YES NO

Dealer Stamp

**80,000 mile (129,000 km) or
8th year**

*5.00 Hours

Signature..... Date.....

Anti Corrosion Inspection

Service

Date:

Date:

Date:

Odometer:

Odometer:

Odometer:

Dealer Stamp

**Anti Corrosion Inspection
12 Month**

Signature..... Date.....

Dealer Stamp

**Anti Corrosion Inspection
2nd Year**

Signature..... Date.....

Dealer Stamp

**Anti Corrosion Inspection
3rd Year**

Signature..... Date.....

DBG

Date:

Date:

Date:

Odometer:

Odometer:

Odometer:

Dealer Stamp

**Anti Corrosion Inspection
4th Year**

Signature..... Date.....

Dealer Stamp

**Anti Corrosion Inspection
5th Year**

Signature..... Date.....

Dealer Stamp

**Anti Corrosion Inspection
6th Year**

Signature..... Date.....

Date:

Date:

Date:

Odometer:

Odometer:

Odometer:

Dealer Stamp

**Anti Corrosion Inspection
7th Year**

Signature..... Date.....

Dealer Stamp

**Anti Corrosion Inspection
8th Year**

Signature..... Date.....

Dealer Stamp

**Anti Corrosion Inspection
9th Year**

Signature..... Date.....

Date:

Odometer:

Dealer Stamp

**Anti Corrosion Inspection
10th Year**

Signature..... Date.....

Replacement of Airbag Units

Every 10 years from the date of vehicle registration, all airbag units must be replaced. To make sure that this is completed correctly and safely, this work should be carried out by your Aston Martin Dealership.

Date:

Odometer:

Dealer Stamp

**Airbag Replacement
10 Year**

Signature..... Date.....

Replacement of Seat Belt Pre-tensioners

Every 10 years from the date of vehicle registration, all seat belt pre-tensioners must be replaced. To make sure that this is completed correctly and safely, this work should be carried out by your Aston Martin Dealership.

Date:

Odometer:

Dealer Stamp

**Seat Belt Pre-Tensioners Replacement
10 Year**

Signature..... Date.....



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Assistance

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Aston Martin Roadside Assistance

In the event of a breakdown caused by a defect covered under the New Vehicle Limited Warranty, the Aston Martin Roadside Assistance scheme will provide the Aston Martin owner with emergency roadside assistance at no cost. The scheme also provides the following benefits:

- Exclusive 24-Hour Toll-Free Assistance Line
- 24-Hour Emergency Towing
- 24-Hour Roadside Assistance
- 24-Hour Emergency Lockout Service (up to US \$100 per callout)
- Sign and Drive Service
- 24-Hour Emergency Trip Interruption Benefits
- 24-Hour Aston Martin Dealer Locator Service
- Repaired Vehicle Reunite Service
- Assistance Experience Survey Card

The Aston Martin Roadside Assistance scheme benefits provide for towing to the nearest approved dealer. Should the vehicle breakdown occur 150 or more miles (241 or more km) from the nearest approved dealer and 150 or more miles (241 or more km) from the primary residence of the owner or operator, the owner or operator is entitled to trip interruption benefits. Trip interruption benefits include lodging and meals for up to 2 nights, and alternative transportation. Trip interruption benefits are limited to a maximum of US \$500 per interruption.

The term of the Aston Martin Roadside Assistance scheme runs concurrent with the Aston Martin New Vehicle Limited Warranty. The plan does not cover the following:

- Rental fleet vehicles
- Breakdowns caused by accident, vandalism, racing or abuse
- Additional towing costs for towing to other than the nearest approved dealer to the breakdown site

Expenses for such items as entertainment, recreation, and non-essential goods and services are excluded from trip interruption benefits.


How Does the Plan Work?

The national toll-free assistance telephone number is shown on your Roadside Assistance Membership Card and on the label on the drivers side door pillar.

If your Aston Martin vehicle suffers a breakdown whilst driving, proceed as follows:

Have your Aston Martin Roadside Assistance Membership Card ready.

Call the toll-free number: **1- 888 - 59ASTON**. It is available 24 hours a day.

 *In the event of requiring roadside assistance, it may be beneficial to have the relevant telephone numbers entered into your telephone 'phone book'.*

Provide the Roadside Assistance Service Representative with:

- Your name
- The Vehicle Identification Number (VIN), which is printed on your Roadside Assistance Membership Card. The VIN is also printed on a decal on the drivers side dashboard. This decal may be viewed from outside the car by looking in through the front windshield
- The vehicle location
- Where you are calling from, including a telephone number on which you may be contacted

The Roadside Assistance Service Representative will work with you to find the best solution to your concern.

Please stay with the vehicle until assistance arrives.

Further Information

See the separate brochure provided for full details of the Aston Martin Roadside Assistance scheme. The terms of the scheme may be changed without notice.



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Aston Martin Warranty

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1 Aston Martin Warranties

This chapter contains information essential for the understanding of the Aston Martin warranties and for the implementation of any necessary Warranty rectification. It is recommended that you read this chapter carefully to familiarize yourself with the benefits available under the various warranties.

1.1 Warranty Communications

Any communications regarding Warranty should initially be addressed to your Aston Martin Dealer. If necessary, you may communicate with Aston Martin at the appropriate address listed.

National After Sales Manager
Aston Martin Lagonda of North America Inc.
9920 Irvine Centre Drive
Irvine
CA 92618

Warranty Department
Aston Martin Lagonda Limited
Banbury Road
Gaydon
WARWICK
Warwickshire
CV35 0DB
England

1.2 Warranties

All Aston Martin warranties are issued by Aston Martin Lagonda Limited on behalf of Aston Martin Lagonda of North America Inc., the sole authorized United States agent of Aston Martin vehicles.

The warranties provided herein are for the benefit of the original purchaser and any subsequent owner during the relevant Warranty Period (defined below) in the Serviced Countries (defined below).

An Aston Martin vehicle is built and homologated to support the Region for which it is manufactured and is compliant with the local regulatory requirements of that Region. As a result, the warranties cover Aston Martin vehicles that are built for and supplied to the Region.

For the purposes of this Owner's Guide, 'Region means one of the following territories:

- the Americas, including the United States, Canada, and South America; or
- the United Kingdom, Europe, Russia and South Africa; or
- the Middle East, North Africa and India; or
- Asia Pacific, including China, Japan, Taiwan, Hong Kong, Singapore, Australia and New Zealand.

'Serviced Countries' means either: (a) any country in the Region from which your Aston Martin vehicle was purchased, where there is an Aston Martin authorised dealer or repairer; or (b) any country agreed in writing with Aston Martin.

The warranties provided herein are for the benefit of the original purchaser and any subsequent owner during the relevant Warranty Period (defined below). The warranties cover Aston Martin vehicles that are built for and supplied to the Region.

The Warranty period for all Warranties (defined below) for vehicles begin on the date of first retail sale, or on the date of entry into demonstrator service, whichever comes first.

A summary of all Aston Martin warranties applicable to this vehicle (together the Warranties) are as follows:

a) New Vehicle Limited Warranty

Bumper to bumper- Three years, unlimited mileage.

b) Vehicle Anti-Perforation Corrosion Warranty

Period of cover - Ten years, unlimited mileage.

c) Vehicle Emission Warranties (Federal)

Emissions Defects Warranty- Three years or 36,000 miles of vehicle use

*Certain emission parts*¹- Eight years or 80,000 miles of vehicle use

Emissions Performance Warranty- Two years or 24,000 miles of vehicle use

¹. Catalytic convertor, the electronic emissions control unit and / or the onboard emissions diagnostic device (required eight years or 80,000 mile (129,000 km) coverage per Clean Air Act).

d) Vehicle Emission Warranties (Californian Vehicles)

Emissions Defect Warranty (Short Term)- Three years or 50,000 miles of vehicle use

*Emissions Defect Warranty (Long Term)*²- Seven years or 70,000 miles of vehicle use

Emissions Performance Warranty- Three years or 50,000 miles of vehicle use

1.3 Changes to Vehicles

Aston Martin and its authorized dealers (the ‘**Dealers**’) reserve the right to make changes in or additions to vehicles built or sold by them at any time without incurring any obligation to make the same or similar changes or additions to vehicles previously built or sold.

². These specific parts were selected on the basis of their estimated replacement cost at the time your vehicle was certified by the California Air Resources Board (CARB) for sale in California.

1.4 Reservation of Rights

Aston Martin and its Dealers reserve the right to provide post-Warranty repairs, conduct recalls, or extend the Warranty coverage period for certain vehicles or vehicle populations, at Aston Martin’s sole discretion. The fact that Aston Martin provided such measures to a particular vehicle or vehicle population, does not in any way obligate Aston Martin to provide similar accommodations to other owners of similar vehicles.

1.5 Condition

As a fundamental condition of the Warranties, you are responsible for correctly using, maintaining and caring for your vehicle in accordance with the Aston Martin Owner's Guide (the '**Owner's Guide**'). Aston Martin recommends that you maintain copies of all maintenance records and receipts for review by Aston Martin.

2 New Vehicle Limited Warranty

2.1 Warranty Limitations

This New Vehicle Limited Warranty is the only express Warranty applicable to your vehicle. Aston Martin neither assumes, nor authorizes anyone to assume for it, any other obligation or liability in connection with this Warranty. No person, including Aston Martin employees or Dealers, can modify or waive any part of this Warranty.

a) Limitation of Remedies

Under this Warranty, it is agreed that the sole exclusive remedy against Aston Martin and its authorized Dealers shall be for the repair or replacement of defective parts as provided herein. The sole purpose of this exclusive remedy shall be to provide for the free repair and replacement of defective parts in the manner prescribed in this Warranty.

This exclusive remedy shall not be deemed to have failed its essential purpose so long as Aston Martin, through its authorized Dealers, is willing and able to repair or replace defective parts in the prescribed manner.

Aston Martin and its Dealers are not responsible to you for any time or income that you lose, any inconvenience you might be caused, the loss of your transportation or use of your vehicle, the cost of rental vehicles, fuel, telephone, travel, meals or lodging, the loss of personal or commercial property, the loss of revenue, or for any other incidental or consequential damages you may have.

Punitive, exemplary, or multiple damages can not be recovered unless applicable law prohibits their disclaimer. You may not bring any warranty-related claim as a class representative, a private attorney general, a member of a class of claimants or in any other representative capacity.

Aston Martin shall not be liable for any damages caused by delay in delivery or furnishing of any products and /or services.

b) Implied Warranties and Consequential Damages

Under the law of some States, you as the owner may be entitled to the benefit of the implied warranties of merchantability or fitness for intended purpose. These implied warranties are limited to the extent allowed by law to the time period covered by the written warranties, or the applicable time period provided by State Law, whichever period is shorter.

Some States do not permit a limitation on how long an implied warranty will last, or on the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives owners specific legal rights, and they may also have other rights that vary from State to State.

3 New Vehicle Limited Warranty Statement

3.1

Aston Martin warrants that during the Warranty period, if an Aston Martin vehicle is correctly operated and maintained by the user in accordance with the Maintenance chapter of the Owner's Guide, repairs required to correct defects in materials or workmanship will be performed without charge; any component covered by this Warranty found to be defective in materials or workmanship, will be repaired, or replaced, without charge. Your Aston Martin Dealer will repair the vehicle with genuine approved Aston Martin parts.

3.2 Warranty Coverage

The New Vehicle Limited Warranty covers any original or OEM component of the Aston Martin vehicle that is defective during the basic Warranty period, with the exception of tires, the items listed under section 4.4, normal maintenance items and regularly scheduled maintenance parts and labor. The Warranty includes any part scheduled for routine replacement during the Warranty period only if it is defective. If a part fails at the same time it is due for replacement it is not covered by the Warranty.

4 What is not Covered under the Warranties

4.1 Excluded Categories of Vehicle

The following categories of vehicle are excluded from the provisions of the Warranties:

- Vehicles sold for hire
- Vehicles used for motor sport, competition and track events (except Aston Martin organized and managed events)
- Vehicles that are incorrectly maintained

4.2 Damage Caused by Accident, Alteration or Misuse

The Warranties do not cover:

- Damage caused by collision, fire, flood, theft, freezing, vandalism, riot, explosion, or objects striking the vehicle
- Misuse of the vehicle, such as driving over curbs, overloading, racing, or using the vehicle as a stationary power source
- Alterations or modifications of the vehicle (including changes to the body, chassis, or components) carried out on the vehicle, at any time during its lifetime, by non-approved repairers or body repair centers and shops, tampering with the vehicle, tampering with the emission systems or with other parts that affect these systems

- Disconnection or alteration of the odometer, or where the actual mileage cannot be determined due to the odometer being inoperative for an extended period of time
- Use of contaminated or incorrect fuel or fluids or application of unauthorized chemicals by the customer

4.3 Damage Caused by Use or the Environment

Surface rust, deterioration and damage of paint, trim, upholstery and other appearance items that result from use and / or exposure to the elements are not covered under any of the Warranties.

The Warranties do not cover:

- Stone chips, scratches
- Lightning, hail damage
- Dints or dents
- Windstorm damage
- Road salt, tree sap
- Earthquake damage
- Bird and insect droppings
- Freezing, water or flood damage
- Cuts, burns, punctures or tears
- Windshield stress cracks
- Rodent damage

- Incorrect polishing of paint surface

4.4 Damage Caused by Failure to Maintain or Incorrect Maintenance

Damage caused by failure to maintain the vehicle, incorrect maintenance of the vehicle, or using the wrong fuel, oil, lubricants, or fluids is not covered under the Warranties. Refer to the Specifications chapter of the Owner's Guide for correct fluid levels, and for information on the correct ways to maintain your vehicle.

Examples of important maintenance procedures that need to be done correctly are:

- Oil changes
- Cleaning and polishing
- Oils, lubricants and other fluids
- Engine tune-up
- Oil & air filters
- Wiper blades
- Brake pads and lining
- Tire rotation, inflation
- Clutch linings
- Wheel alignments and tire balancing

4.5 Other Items and Conditions Not Covered by the Warranties

The Warranties do not cover:

- The installation or use of a non-Aston Martin part (other than a certified emissions part) or any part (Aston Martin or non-Aston Martin) designed for off-road use only installed after the vehicle leaves the control of Aston Martin, if the installed part fails or causes an Aston Martin part to fail
- Damage to, or caused by, non-approved accessories such as alarms, telephones
- Damage to, or caused by, non-approved snow chains or towing devices
- Damage caused by failure to maintain adequate levels of fuel in your vehicle
- Vehicles that have been labeled or branded as being 'dismantled', 'fire', 'flood', 'junk', 'rebuilt', 'reconstructed', 'salvaged' – this will void the Warranties
- Vehicles that have been determined as a 'total loss' by an insurance company, or other official body – this will void the Warranties

- Service adjustments, wear items and alignments after one (1) year or 10,000 miles, whichever occurs first
- Use of alternative fuels: Aston Martin does not recommend or approve of the use of Liquid Petroleum gas or Compressed Natural gas. Damage caused by the use of alternative fuels or fuel additives is not covered by the vehicle warranty
- Normal wear or worn out tires. Tires will not be replaced (unless required by a warranty repair) for wear or damage including a) tire damage from road hazard such as cuts, snags, bruises, bulges, puncture, and impact breaks; and b) tire damage due to under or over inflation, tire chain use, racing, spinning (including when stuck in snow or mud), incorrect mounting or dismounting, or tire repair
- Vehicles that have had the odometer disconnected, altered, or inoperative for an extended period of time with the result that the actual mileage cannot be determined


4.6 Wear and tear Items

Items that are subject to wear and tear are generally divided into two categories, namely those specified for replacement or adjustment during scheduled maintenance and those that require replacement or adjustment dependent upon conditions of use.

a) Scheduled Maintenance Items

The items listed below are covered by the Vehicle Warranty up to the first scheduled change point that replacement or adjustment is required during scheduled maintenance operations.


- Drive Belts
- Spark Plugs
- Oil, air, pollen and fuel filters

 *The period of warranty cover for any item may not exceed the time and distance limitation of the vehicle warranty.*

b) Other Items


The items listed below are recognized as having a limited service life or are subject to wear or damage. However, these items are covered by the vehicle warranty for up to one year or the first service, whichever ever occurs first.

- Wiper Blades
- All Light bulbs

 *Xenon headlamp light bulbs and instrumentation light bulbs are covered by the full vehicle warranty.*

- Wheel alignment and balancing

- Adjustments, including but not limited to: headlamp and hinged panel adjustments, suspension tightening, steering geometry adjustments, emission and fuel systems checks and parking brake cable adjustments
- Remote transmitter batteries

 *Brake pads, brake rotors and other friction related components are not covered when replacement is due to wear and tear, but they are covered against manufacturing defects for the duration of the Vehicle Warranty.*

c) Consumables

Replacement or 'top-up' of consumable fluids, e.g. oils, anti-freeze, brake fluid, windshield wash solution and refrigerant, is only covered when they are used as part of a warranty repair.

5 Customer Satisfaction Campaigns

In order to maintain a high level of customer confidence and satisfaction with Aston Martin products, Aston Martin may periodically determine that certain service procedures are necessary, and will assume costs for same, in whole or in part, independent of the New Vehicle Limited Warranty. When repairs to your vehicle are covered by the terms of one of these policy adjustments, your Aston Martin Dealer will advise you of the extent to which Aston Martin will pay either for parts, or for labor, or both.

If you have a question regarding a possible extra-Warranty adjustment, an authorized Aston Martin Dealer or Aston Martin can provide the details when the year, model and vehicle identification number (VIN) are supplied.

Aston Martin reserves the right to make modifications in vehicles manufactured or sold by them at any time without incurring any obligation to make the same or similar modifications in vehicles previously manufactured or sold by them.

6 Anti-Perforation Corrosion Warranty

The vehicle bodywork is protected by an Anti-Perforation Corrosion Warranty. Should any part of the bodywork of the Aston Martin vehicle be perforated the panel(s) affected by the perforation will be repaired or replaced. The term 'perforation' means a hole that penetrates from the inner surface of a body panel or box section outwards. A pre-condition of supporting this Warranty is an annual Dealer inspection.

7 Emissions Defect Warranty

7.1 Federal Requirements

Aston Martin provides coverage under the Emissions Defect Warranty (including labor and diagnosis) for repairs of emissions related parts which become defective on vehicles with the following years of service or mileage (whichever occurs first):

Parts	Years in Service	Mileage
Emissions Related Parts	3	36,000
Certain Emissions Parts ¹	8	80,000

¹ Means the catalytic converter, the electronic emissions control unit (PCM) and / or the onboard emissions diagnostic device.

During the Warranty coverage period, Aston Martin warrants that:

- Your vehicle or engine is designed, built and equipped to meet (at the time it is sold) the applicable emissions regulations of the US Environmental Protection Agency (EPA)
- Your vehicle or engine is free from defects in factory-supplied Materials or workmanship that could prevent it from conforming with applicable EPA regulations
- You will not be charged for repair, replacement, or adjustment of defective Emissions Related Parts (defined under section 8.2 (What is Covered))

8 Emissions Performance Warranty

8.1 Federal Requirements

If your vehicle is registered in a State where the State or Local Government has an EPA - approved inspection and maintenance program, any repairs which are required on your vehicle may also be covered under the Emissions Performance Warranty if your vehicle has the following years service or mileage (whichever occurs first) and if you meet certain conditions noted below:

Parts	Years in Service	Mileage
Emissions Related Parts	2	24,000
Certain Emissions Parts ¹	8	80,000

¹. Means the catalytic converter, the electronic emissions control unit (PCM) and / or the onboard emissions diagnostic device.

Under the Emissions Performance Warranty, Aston Martin will repair, replace, or adjust (with no charge for labor, diagnosis, or parts) any emissions control device or system, if you meet all of the following conditions:

- You have maintained and operated your vehicle according to the instructions on correct care and scheduled maintenance contained in the Owner's Guide

- Your vehicle fails to conform, during the warranty coverage period to the applicable national EPA standards, as determined by an EPA approved inspection and maintenance program
- You are subject to a penalty or sanction under local, State or Federal Law because your vehicle has failed to conform to the emissions standards (a penalty or sanction includes being denied the right to use your vehicle)
- Your vehicle has not been tampered with, misused, or abused
The Emissions Performance Warranty will not apply to your vehicle if the diagnosis on your vehicle shows your vehicle will pass the applicable State or Local Government test using test procedures and standards set by the EPA


8.2 What is Covered

If the following parts contain an emissions- related defect (an **'Emissions Related Part'**) they will be covered by both the Emissions Defect Warranty (set out in section 7) and the Emissions Performance Warranty:

- Air and Fuel Feedback Control System and Sensor
- Air Induction System
- Altitude Compensation System
- Catalytic Converter

- Cold Start Enrichment System
- Controls for Deceleration
- Electronic Ignition System
- Electronic Engine Control Sensors and Switches
- Engine Coolant Thermostat Assembly
- Engine Control Module
- Evaporative Emission Control System
- Exhaust Gas Recirculation (EGR) Valve, Spacer, Plate and Associated Parts
- Exhaust Heat Control Valve
- Exhaust Manifold and gasket
- Fuel Filler Cap and Neck Restrictor
- Fuel Injection System
- Fuel Injector Supply Manifold
- Fuel Tank & Fuel Delivery Module
- Ignition Coil or Control Module
- Intake Manifold
- Malfunction Indicator Lamp (MIL)
- System PCV System and Oil Filler Cap
- Secondary Air Injection Valve, Secondary Air Injection pump and Associated Parts
- Spark Control Components

- Spark Plugs and Ignition Coils and Wires
- Throttle Body Assembly
- Transmission Control Module
- Volume Air Flow Sensor

 *Some items and equipment in this list may not be installed to this vehicle and therefore may not be applicable.*

Also covered by the Emissions Defect Warranty and the Emissions Performance Warranty are all emissions-related bulbs, hoses, clamps, brackets, tubes, gaskets, seals, belts, connectors, and wiring harnesses that are used with components in the list of parts set out above.

8.3 Parts Replaced on Regular Maintenance Schedules

Parts that should be replaced on a certain recommended maintenance schedule, remain under warranty until, (a) the first replacement time that is specified under Service in your Owner's Guide or, (b) the time or mileage limits of the Federal Defect and Performance Warranties (whichever occurs first). Aston Martin maintains a complete list of parts covered by Emissions Warranties. For more details about the specific parts covered by the Emissions Defect Warranty, contact Aston Martin or Aston Martin Lagonda of North America Inc. 1.1 Warranty Communications

8.4 What is Not Covered

Aston Martin may deny you coverage under the Emissions Warranties if your vehicle or a part does not contain an emissions-related defect or has failed due to abuse, neglect, incorrect maintenance, unapproved modifications, or it concerns any items included in section 4 (What is not covered under the Warranties).

9 California Emissions Warranties

9.1 Your Warranty Rights and Obligations

This Warranty is applicable if your vehicle is both:

- a) Registered in California, or other States adopting California emission and warranty regulations¹.
- b) Certified for sale in California as indicated on the vehicle emission control information label.

Aston Martin and the California Air Resources Board are pleased to explain the emission control system Warranty on your Aston Martin vehicle.

In California, new motor vehicles must be designed, built, and equipped to meet the State's stringent anti-smog standards.

Aston Martin must warrant the emission control system on your vehicle for the periods of time listed under the Manufactures' Warranty Coverage, provided there has been no abuse, neglect, or incorrect maintenance of your vehicle.

¹ Other States adopting California emissions and warranty regulations: Passenger car & light-duty trucks (up to 8,500 pounds GVWR) – California, Connecticut, Maine, Massachusetts, New Jersey, Oregon, Pennsylvania, Rhode Island, Vermont, Washington and any other States that adopt the California emissions and warranty regulations from time to time.

Your emission control system may include parts such as the fuel injection system, the ignition system, catalytic converter, and the engine computer. Also included may be hoses, belts, connectors, and other emissions-related assemblies.

Where a warrantable condition exists, Aston Martin will repair your vehicle at no cost to you including diagnosis, parts, and labor.

9.2 Manufacturer's Warranty Coverage

For vehicles eligible for coverage under the California Emissions Warranty, if your vehicle is:

a) Three years in service or has mileage of 50,000 mile (whichever first occurs):

- If your vehicle fails a Smog Check inspection, all necessary repairs and adjustments will be made by Aston Martin to make sure that your vehicle passes the inspection. This is your **Emission Control System Performance Warranty**
- If an emission related part (as defined in section 9.4) on your vehicle is defective, the part will be repaired or replaced by Aston Martin. This is your **Short-Term Emission Control System Defects Warranty**

b) Seven years in service or has mileage of 70,000 mile (whichever first occurs):

- If an emission related part (as defined in section 9.5) on your vehicle is defective, the part will be repaired or replaced by Aston Martin. This is your **Long-Term Emission Control System Defects Warranty**.

9.3 Owner's Warranty Responsibilities

As the vehicle owner or lessee, you are responsible for the performance of the required maintenance listed in the Owner's Guide. Aston Martin recommends that you retain all receipts covering maintenance on your vehicle, but Aston Martin cannot deny warranty coverage solely for the lack of receipts or for your failure to check the performance of all scheduled maintenance.

You are responsible for presenting your vehicle to an Aston Martin Dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

Aston Martin may deny warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance, or unapproved modifications.

If you have any questions regarding your warranty rights and / or responsibilities, or if you want to report what you believe to be violations of the terms of this Warranty, you may contact Aston Martin Lagonda of North America Inc. After Sales Department:

Tel: (949) 379 3104

or the California Air Resources Board at:


State of California Air Resources Board
9528 Telstar Avenue
El Monte
California 91731

9.4 What is Covered under the Short Term Emission Control System Defects Warranty

The parts in the following list are covered by Emission Control System Defects Warranties, which apply to every California model vehicle manufactured from, and including, 2004.

- Air and Fuel Feedback Control System and Sensor
- Air Induction System
- Altitude Compensation System
- Catalytic Converter
- Cold Start Enrichment System
- Controls for Deceleration
- Electronic Ignition System
- Electronic Engine Control Sensors and Switches
- Engine Coolant Thermostat Assembly
- Engine Control Module
- Evaporative Emission Control System
- Exhaust Gas Recirculation (EGR) Valve, Spacer, Plate and Associated Parts
- Exhaust Heat Control Valve
- Exhaust Manifold and gasket
- Fuel Filler Cap and Neck Restrictor
- Fuel Injection System
- Fuel Injector Supply Manifold
- Fuel Tank & Fuel Delivery Module
- Ignition Coil or Control Module
- Intake Manifold Malfunction Indicator Lamp (MIL) System
- PCV System and Oil Filler Cap
- Secondary Air Injection Valve, Secondary Air Injection pump and Associated Parts
- Spark Control Components

- Spark Plugs and Ignition Coils and Wires
- Throttle Body Assembly
- Transmission Control Module
- Volume Air Flow Sensor

 *Some items and equipment in this list may not be installed to this vehicle and therefore may not be applicable.*

9.5 What is Covered under the Long Term Emission Control System Defects Warranty

Part Description	V8 Vantage	DB9 / DBS / Rapide
Camshaft Position Sensor	x	
Carbon Canister	x	x
Catalytic Converters	x	x
Engine Control Module	x	x
Exhaust Gas Oxygen Sensors	x	
Exhaust Manifolds	x	x
Fuel Delivery Module	x	x
Fuel Level Sender		x
Fuel Rail Assembly	x	x
Fuel Tank	x	x
Inlet Manifold	x	
Rear Exhaust Muffler	x	
Secondary Air Injection Hoses	x	
Secondary Air injection Pump	x	
Throttle Assembly	x	x

10 How do I get Service under the Emissions Warranties

To get service under your Emissions Warranties, take your vehicle to any Aston Martin Dealer as soon as possible after it has failed an EPA - approved test or a California Smog Check inspection. You must show the Dealer the document that states your vehicle has failed the test.

The Dealer will decide whether the repair is covered by the Warranty. If the Dealer cannot make a decision with regard to coverage under your Emissions Warranty, the Dealer shall forward the query to Aston Martin.

Aston Martin shall procure to make a final decision within 30 days after you bring your vehicle in for repair (The decision will be made within a shorter time if the law requires you to have the vehicle repaired more quickly in order to avoid additional penalties.).

However, if you request a delay, agree to a delay, or if a delay is caused by an event for which neither Aston Martin nor your Aston Martin Dealer is responsible, the deadline for determination does not have to be met by Aston Martin.

If a question about Emissions Warranty coverage is referred to Aston Martin, you will be notified by Aston Martin in writing if your claim for Emissions Warranty coverage is denied. The notice will explain the basis for denying your claim.

11 How do I handle Emergency Repairs to make sure they do not affect the Emissions Warranties

Aston Martin strives to make sure that services are available to conduct emergency repairs on your vehicle when necessary. However, occasionally, Aston Martin may not be able to perform emergency repairs for reasons outside of its control.

If your vehicle requires an emergency repair on Emission Related Parts and an Aston Martin Dealer is 'unavailable or unable to perform the necessary repairs' (defined below), you may, but only as a last resort, procure repairs by someone other than an authorized Aston Martin Dealer (a '**Third Party**').

If the Dealer or, failing a decision by the Dealer, Aston Martin, determines that such repair is covered under Warranty, Aston Martin will reimburse you for the cost of such repairs, including diagnosis.

Make sure that you obtain and take the following to your Aston Martin Dealer within 30 days of the repairs having been performed:

- a) The parts that are replaced, and
- b) A receipt for the work

The term 'unavailable or unable to perform the necessary repairs' means:

- If you have informed Aston Martin of the required emergency repairs and either Aston Martin or the Aston Martin Emergency Service roadside assistance service provider is unable to take your vehicle to an accessible authorized Aston Martin Dealer
- If an authorized Dealer is unable to perform the necessary repairs
- If an authorized Dealer does not have the warranted part required to perform the necessary repairs

Aston Martin shall only reimburse you if the repairs are conducted by a Third Party within 30 days from the time you first bring your vehicle to the Dealer for repairs and the time it is repaired by the Third Party.

Any repair that is not completed within the 30 day period may (at Aston Martin's discretion) constitute an emergency and any equivalent replacement part may be used in an emergency situation. If Aston Martin determines that the repair is covered under Warranty, Aston Martin will reimburse you for the repair expenses if:


- a) It does not exceed the Aston Martin's suggested retail price for all warranted parts that are replaced and

- b) The labor charges do not exceed the Aston Martin's recommended time allowance for the Warranty repair and the labor charges are reasonable and similar to those charged by a repairer of similar geographical location

12 What Replacement Parts should I use

Aston Martin recommends that you use genuine Aston Martin replacement parts. However, when you are having non-Warranty work done on your vehicle, you may choose to use non-Aston Martin parts of equivalent specification.

If you decide to use non-Aston Martin parts, make sure that they are equivalent to Aston Martin parts in performance, quality and durability. If you use replacement parts that are not equivalent to Aston Martin parts, your vehicle's emissions control systems may not work as effectively, and you may jeopardize your Emissions Warranty coverage.

 *The maintenance, replacement, or repair of emissions control devices or systems, the cost of which is not covered by the Warranties, can be performed by any automotive repair establishment or individual using non-Aston Martin parts.*

For vehicles within the Warranty period, Aston Martin will repair at no cost to the owner, under the Federal Emissions Warranty, covered emission failures caused by correctly installed Aston Martin parts or non-Aston Martin parts that have been 'certified' by the U.S. Environmental Protection Agency (EPA). Aston Martin is not responsible for the cost of repairing any emission failures caused by non-Aston Martin parts that have not been 'certified' by the EPA.

13 Preserve Your Emissions Warranty

If you do not maintain your vehicle correctly, Aston Martin may have the right to deny you coverage under any of its Emissions Warranties. To have repairs made under the Emissions Warranties, you may be required to show that you have followed Aston Martin's instructions on correctly maintaining and using your vehicle, in accordance with the instructions set out in the Owner's Guide. Make sure that you save your service receipts and keep accurate records of any maintenance work performed.

If you are not satisfied with the handling of a Warranty matter, you may contact Aston Martin Lagonda of North America Inc. If you need more information about getting service under the Federal Emissions Performance Warranty, or if you want to report what you believe to be violations of the terms of this Warranty, you may contact:

Director Vehicle Program and Compliance Division (6505J)
Environmental Protection Agency
401 M Street, S.W
Washington
DC 20460

14 Customer Satisfaction

If you are not satisfied with any Warranty repairs performed by an authorized Aston Martin Dealer and feel that you have a legitimate Warranty concern that is not being addressed to your satisfaction, follow the steps recommended below for the best resolution.

Step 1: Raise your concerns with the authorized Dealer Service Manager.

If you feel it would help clarify any concern, you should accompany the Service Manager on test drive of vehicle to demonstrate your issues and concerns. Often simply voicing your concerns directly to a manager or with the trained technician results in a satisfactory repair.

Step 2: If you are still not satisfied, contact dealership owner or General Manager.

Often raising an unresolved issue to a General Manager will benefit all involved and bring a focussed effort from all parties involved.


Step 3: If you are still not satisfied, bring concerns to Aston Martin Lagonda of North America Inc. Regional After Sales Manager or Operations Manager.

All authorized Aston Martin Dealers have the contact details of the relevant After Sales and Operations Managers. Ask for the Aston Martin contact information and it will be gladly supplied.

Step 4: If you are still not satisfied, either:**a) Seek arbitration**

All disputes relating to the Warranty or the Extended Service Contract shall be resolved by binding arbitration under the Rules of Commercial Arbitration of the American Arbitration Association including its Supplementary Procedures for Consumer Related Disputes, before a single arbitrator who shall be bound by the terms of this Document. To maintain the highest quality of service and for staff training purposes, telephone calls to Aston Martin may be monitored and / or recorded.

b) If your dispute is in the State of California, contact the Better Business Bureau (BBB)

 *The BBB program is only in effect in the State of California, but steps one through three should be followed for quickest result.*

As a final step to make sure that your concerns are being fairly considered, Aston Martin has agreed to participate in a dispute settlement program administered by the BBB, at no cost to the customer.

Refer to section 15 for further details of the BBB.

15 The Better Business Bureau (BBB) Auto Line Program

(California only)

The Better Business Bureau (BBB) works with manufacturers and their customers in an attempt to reach a mutually acceptable resolution of any Warranty related concerns. If a Warranty concern has not been resolved using the three-step procedure outlined in Customer Satisfaction (Refer to '14 Customer Satisfaction', page C.15), you may be eligible to participate in the BBB Auto Line Program.

The BBB Auto Line Program consists of two parts – mediation and arbitration. During mediation, a representative of the BBB will contact both you and Aston Martin to explore options for settlement of the claim. If an agreement is not reached during mediation and your claim is eligible, you may participate in the arbitration process and the BBB will schedule an arbitration hearing so that you can present your case in an informal setting before an impartial person. The arbitrator will consider the testimony provided and make a decision after the hearing.

You are not bound by the decision, but should you choose to accept the BBB Auto Line decision, Aston Martin shall abide by the accepted decision as well.

Disputes submitted to the BBB Auto Line Program are usually decided within 40 days after you file your claim with BBB. If you wish to use the program and you qualify for participation, you will be required to provide the following information:

- Your name and address
- The vehicle identification number (VIN)
- The make, model and year of your vehicle
- A description of the problem with your vehicle

BBB AUTO LINE will also ask you for other information that may help resolve your concerns, such as the purchase price of your vehicle, the vehicle's current mileage, and copies of repair orders.

Upon receipt of such information, BBB will review the claim for eligibility under the Program Summary Guidelines.

You are required to resort to BBB AUTO LINE before exercising rights or seeking remedies under the Federal Magnuson-Moss Warranty Act, 15 U.S.C. § 2301 et seq. To the extent permitted by the applicable State 'Lemon Law', you are also required to resort to BBB AUTO LINE before exercising any rights or seeking remedies under the 'Lemon Law'. If you choose to seek remedies that are not created by the Magnuson-Moss Warranty Act or the applicable State 'Lemon Law', you are not required to first use BBB AUTO LINE.

For more information about BBB AUTO LINE, including current eligibility standards, call 1-800-955-5100, visit the BBB website at www.lemonlaw.bbb.org, or write to the BBB at:

BBB AUTO LINE
4200 Wilson Boulevard
Suite 800 Arlington
VA 22203

16 State Warranty Enforcement Laws

These State laws (sometimes called ‘**lemon laws**’) allow owners to receive a replacement vehicle or a refund of the purchase price, under certain circumstances. The laws vary from State to State.

To the extent your State Law allows, Aston Martin requires that you first send us a written notification of any defects or non-conformities that you have experienced with your vehicle. This will give us the opportunity to make any necessary repairs before you pursue the remedies provided by your State’s law.

In other States, where not specifically required by State Law, Aston Martin requests that you send us written notification to:

National After Sales Manager
Aston Martin Lagonda of North America Inc.
9920 Irvine Center Drive
Irvine CA 92618

17 Aston Martin Extended Service Contract

You may purchase an Aston Martin Extended Service Contract (ESC) which shall protect your vehicle for an extended period after the expiry of your New Vehicle Limited Warranty.

The ESC provides:

- a) Protection against covered repair costs¹.
- b) Aston Martin Emergency Assistance roadside support.
- c) Zero deductible, which means that you will not pay for covered repairs in the case of a legitimate claim.
- d) 12 or 24 months coverage across the USA and Canada.

Aston Martin offers various ESC products of varying levels of cover dependent upon the age and mileage of the vehicle. All vehicles must pass an Aston Martin multi-point inspection prior to the registration of an ESC on a vehicle.

Please note that the ESC Terms and Conditions shall apply. For a full list of the ESC Terms and Conditions, or if you would like to arrange such cover, talk to your nearest participating Aston Martin Dealer.

¹. Wear items, neglect, force majeure and damage caused by outside influence are excluded, and shall be left to the sole discretion of Aston Martin.

Owner Details

Name::

Address::

:

:

Zip Code::

Signature:

Date:

(Dealer Stamp)

Vehicle Details

Registration Plate No.:

VIN No.:

Engine No.:

Warranty Start Date:

If the vehicle is sold, the benefits of any un-expired portion of the warranties can be transferred to the new owner.
The new owner should complete a 'tear off' sheet (next page) and send the new details to:

Aston Martin Warranty Department
Aston Martin Lagonda Limited
Banbury Road,
Gaydon,
WARWICK
Warwickshire,
CV35 0DB,
England



ASTON MARTIN

Owner Warranty Transfer (3)	Owner Warranty Transfer (2)	Owner Warranty Transfer (1)
Registration plate No.:	Registration plate No.:	Registration plate No.:
VIN No.:	VIN No.:	VIN No.:
Recorded mileage (mile):	Recorded mileage (mile):	Recorded mileage (mile):
Date of Purchase:	Date of Purchase:	Date of Purchase:
Name:	Name:	Name:
Address:	Address:	Address:
:	:	:
:	:	:
:	:	:
Zip Code:	Zip Code:	Zip Code:
Telephone No.:	Telephone No.:	Telephone No.:
Signature:	Signature:	Signature:
Date:	Date:	Date:



ASTON MARTIN



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ASTON MARTIN

Owner Warranty Transfer (6)	Owner Warranty Transfer (5)	Owner Warranty Transfer (4)
Registration plate No.:	Registration plate No.:	Registration plate No.:
VIN No.:	VIN No.:	VIN No.:
Recorded mileage (mile):	Recorded mileage (mile):	Recorded mileage (mile):
Date of Purchase:	Date of Purchase:	Date of Purchase:
Name:	Name:	Name:
Address:	Address:	Address:
:	:	:
:	:	:
:	:	:
Zip Code:	Zip Code:	Zip Code:
Telephone No.:	Telephone No.:	Telephone No.:
Signature:	Signature:	Signature:
Date:	Date:	Date:



ASTON MARTIN



ASTON MARTIN



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Dealer Directory

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This section lists all Aston Martin Dealers worldwide, where Sales and Service are provided by companies with the facilities, knowledge and factory trained personnel.

Every effort has been made to make sure that the information provided in the Dealer Directory is accurate and up-to-date. However changes amongst holders of the Aston Martin franchise may occur. Neither Aston Martin nor any listed Importer or Dealer shall in any circumstances be held liable for any inaccuracy, or the consequences thereof.

Dealers listed here all aim to conform to Aston Martin standards of excellence in both Sales and Service. However, all vehicles sold as Aston Martins are required to meet local legislation requirements.

Should service be required in a country other than that in which this vehicle was originally purchased, every effort will be made to meet the owner's requirements, but the availability of certain parts may be affected by differences in vehicle and component specifications. If the nearest Aston Martin Dealer is unable to help, contact Aston Martin directly:

Aston Martin Lagonda Limited

Banbury Road, Gaydon, WARWICK, CV35 0DB

Telephone: (+44) (0)1926 644300

Facsimile: (+44) (0)1926 644733

Web Site: www.astonmartin.com

E-Mail: enquiries@astonmartin.com

Aston Martin Dealers are independent traders, they are not the Company's Agents, and therefore have no authority to bind the Company or to enter into any financial or other commitments on the Company's behalf.

Only Aston Martin Dealers are authorised to carry out warranty work.

Australia

Adelaide

Solitaire Aston Martin

32 Belair Rd., Hawthorn, Adelaide, SA 5062

Telephone: (+61) 8 8152 5100

Facsimile: (+61) 8 8152 5120

Web Site: www.solitaire.com.au

E-Mail:

Perth

Barbagallo Aston Martin

354 Scarborough Beach Rd., Osborne Park, Perth, WA 6017

Telephone: (+61) 8 9231 5999

Facsimile: (+61) 8 9242 3717

Web Site: www.barbagallo.com.au

E-Mail: astonmartin@barbagallo.com.au

Queensland

Sunshine Aston Martin

179 Nerang Rd., Southport, Queensland, 4215

Telephone: (+61) 7 5582 7888

Facsimile: (+61) 7 5532 3361

Web Site: www.sunshineastonmartin.com.au

E-Mail: sales@sunshineastonmartin.com.au

Sydney

Trivett Classic Garage Pty. Ltd.

32-38 Yurong St., East Sydney, NSW 2010

Telephone: (+61) 2 8338 3993

Facsimile: (+61) 2 8338 2169

Web Site: www.astonmartinsydney.com.au

E-Mail: astonmartin@trivett.com.au

Victoria

Trivett Classic Aston Martin Melbourne

80 City Road, Southbank, Victoria 3006

Telephone: (+61) 3 8866 3111

Facsimile: (+61) 3 8866 3100

Web Site: www.astonmartinmelbourne.com.au

E-Mail: astonmartinmelbourne@trivett.com.au

Austria**Salzburg****Aston Martin Salzburg**

Wasserfeldstraße 17a, 5020 Salzburg

Telephone: (+43) 662 887 8820

Facsimile: (+43) 662 887 882 88

Web Site: www.astonmartin.atE-Mail: salzburg@astonmartin.at**Vienna****Aston Martin Wien**

Motorcity SCS, Autoallee 7, 2334 Vosendorf b. Wien

Telephone: (+43) 1 698 1200 0

Facsimile: (+43) 1 698 1200 88

Web Site: www.astonmartin.atE-Mail: wien@astonmartin.at**Belgium****Antwerp****Aston Martin Antwerp**

Autolei 322, 2160 Wommelgem

Telephone: (+32) (0) 3 354 3856

Facsimile: (+32) (0) 3 354 5867

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Web Site: www.astonmartinnaples.com

E-Mail:

Aston Martin Orlando

4249 Millenia Blvd, Orlando, FL 32839

Telephone: (+1) 407 472 4880

Facsimile: (+1) 407 472 4899

Web Site: www.astonmartinorlando.com

E-Mail:

Aston Martin of Tampa Bay

320 East Fletcher Ave., Tampa, FL 33612

Telephone: (+1) 813 371 8200

Facsimile: (+1) 813 371 8182

Web Site: www.astonmartinoftampa.comE-Mail: info@astonmartinoftampa.com**Aston Martin Palm Beach**

915 South Dixie Highway, West Palm Beach, FL 33401

Telephone: (+1) 561 659 6206

Facsimile: (+1) 561 832 7176

Web Site: www.palmbeachmotorcars.com

E-Mail:

The Collection

200 Bird Rd., Coral Gables, FL 33146

Telephone: (+1) 305 476 2050

Facsimile: (+1) 786 924 5516

Web Site: www.thecollection.com

E-Mail:

Georgia**Aston Martin of Atlanta**

11875 Alpharetta Highway, Roswell, GA 30076

Telephone: (+1) 678 802 5007

Facsimile: (+1) 678 802 5019

Web Site: www.astonmartinofatlanta.com

E-Mail:

Illinois**Lake Forest Sports Cars Limited**

990 North Shore Drive, Lake Bluff, IL 60044

Telephone: (+1) 847 295 6560

Facsimile: (+1) 847 295 8849

Web Site: www.ifsc.comE-Mail: sales@ifsc.com**Massachusetts****Aston Martin of New England**

85 Linden St., Waltham, MA 02452

Telephone: (+1) 781 547 5959

Facsimile: (+1) 781 547 5957

Web Site: www.astonmartin-lotus.comE-Mail: lotusmotor@aol.com

Michigan

Aston Martin of Troy

1767 Maplelawn, Troy, MI 48084

Telephone: (+1) 248 643 6900

Facsimile: (+1) 248 643 9261

Web Site: www.astonmartinoftroy.com

E-Mail: info@astonmartinoftroy.com

Missouri

Moore Aston Martin

14116 Manchester Rd., St. Louis, MO 63011

Telephone: (+1) 800 524 7278

Facsimile: (+1) 636 779 2024

Web Site: www.moorejaguar.com

E-Mail:

Nevada

Gaudin Aston Martin of Las Vegas

7200 West Sahara Ave., Las Vegas, NV 89117

Telephone: (+1) 702 284 7000

Facsimile: (+1) 702 221 4422

Web Site: www.jplv.net

E-Mail:

New Jersey

F.C. Kerbeck Aston Martin

100 Route 73 North, Palmyra, NJ 08065

Telephone: (+1) 856 829 8200

Facsimile: (+1) 856 829 7009

Web Site: www.fckerbeck.com

E-Mail: info@fckerbeck.net

Ray Catena Aston Martin

910 US Route 1, Edison, NJ 08817

Telephone: (+1) 732 205 9000

Facsimile: (+1) 732 205 9101

Web Site: www.raycatena-astonmartin.com

E-Mail:

New York

Aston Martin Long Island

Aston Martin Long Island Sales, 1060 Northern Blvd., Roslyn, NY 11576

Telephone: (+1) 516 478 4326

Facsimile: (+1) 516 478 4327

Web Site: www.astonmartinlongisland.com

E-Mail:

North Carolina**Aston Martin of Charlotte**

416 Tyvola Rd., Charlotte, NC 28217

Telephone: (+1) 704 535 7100

Facsimile: (+1) 704 536 1777

Web Site: www.fcicharlotte.com

E-Mail:

Foreign Cars Aston Martin

5603 Roanne Way, Greensboro, NC 27409

Telephone: (+1) 336 294 0200

Facsimile: (+1) 336 294 9109

Web Site: www.foreigncarsitalia.com

E-Mail:

Ohio**Midwestern Auto Group**

6335 Perimeter Loop Rd., Dublin, OH 43017

Telephone: (+1) 614 889 2571

Facsimile: (+1) 614 793 7971

Web Site: www.magastonmartin.com

E-Mail:

Texas**Aston Martin of Austin**

12989 Research Blvd., Austin, TX 78750

Telephone: (+1) 512 918 1007

Facsimile: (+1) 512 249 9477

Web Site: www.astonmartinofaustin.com

E-Mail:

Aston Martin Dallas

5333 Lemmon Ave., Dallas, TX 75209

Telephone: (+1) 214 522 1007

Facsimile: (+1) 214 353 3550

Web Site: www.astonmartindallas.com

E-Mail:

Star Motor Cars

7000 Katy Rd., Houston, TX 77024

Telephone: (+1) 713 868 6813

Facsimile: (+1) 713 868 6814

Web Site: www.starmotorcarsastonmartin.comE-Mail: amsales@starmotors.com

Wales

Virginia

Aston Martin Tysons

8545 Leesbueg Pike, Vienna, VA 22182

Telephone: (+1) 571 216 8244

Facsimile: (+1) 703 564 6345

Web Site: www.astonmartintysons.com

E-Mail:

Washington

Park Place Aston Martin

13710 NE 20th St., Bellevue, WA 98005

Telephone: (+1) 425 562 1000

Facsimile:

Web Site: www.parkplaceastonmartin.com

E-Mail:

South Glamorgan

Stratstone Cardiff

Cambria House, 156 North Rd., Cardiff, CF14 3BH

Telephone: (+44) (0) 2920 695700

Facsimile: (+44) (0) 2920 695718

Web Site: www.stratstone.com

E-Mail: cardiffastonmartin@stratstone.com



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Approved Repair Centres

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All Aston Martin Approved Repair Centres have been assessed and audited to Aston Martin Body Repair Centre standards in either Category A or B.

Category A - Repairs to the bonded aluminium structure and all paint related and light structural damage.

Category B - All paint related and light structural damage.

Australia

Cat A Exclusive Body Werks

23 George Street, Granville, Sydney, New South Wales 2142

Phone: +61 2 9760 0353

Associated Dealer: Trivett Classic Garage Pty Ltd.

Cat B File Finish

180 Christmas St, Fairfield, VIC 3078

Phone: +61 3 9555 3522

Associated Dealer: Trivett Classic Aston Martin Melbourne

Cat B Glenelg Crash Repairs

222 Brighton Road, Somerton Park, South

Phone: +61 (0)3 9415 8181

Associated Dealer: Solitaire Aston Martin

Cat A Gosney's

4 Anne Street, Southport, Gold Coast, Queensland 4215

Phone: 0061 7 5532 3166

Associated Dealer: Southport Motors

Cat B Lombardi Brothers

11 Charles Street, Bentley, Perth, Western Australia, 6106

Phone: +00 61 89356-1013

Associated Dealership: Barbagallo Aston Martin

Austria**Cat A Dingl Christian**

Wiener Strasse 28, 7052 Muellendorf

Phone: 0043268263822

Associated Dealership: Aston Martin Vienna

Cat B Kuhleitner, Karosserie - Spenglerei Kühleitner

5020 Salzburg, Samergasse 23

Phone: 0043 662 - 87 4 377

Associated Dealership: Aston Martin Salzburg

Belgium**Cat B Carroserie Adriaenssens**

Rijksweg 55, 2870 Nuurs

Phone: 031 886 6368

Associated Dealership: Aston Martin Belgium

Cat B Carroserie Van Den Eede H & B

Brandstraat 31, 2800 Willebroek

Phone: 0032 3 886 78 49

Associated Dealership: Aston Martin Belgium

Canada**Cat A Auto Bugatti**

11355 Cote de Liesse, Dorval, Quebec H9P 1B2

Phone: 001 514 636 7818

Associated Dealership: Decarie Motors

Cat B Burrard autostrasse Collision Ltd.

2185 Pine Street, Vancouver B.C.

Phone:

Associated Dealership: MCL Motor Cars

Cat B Grand Touring Collision Centre

1214 Caledonia Road, Toronto, Ontario

Phone: 001 416 783 3327

Associated Dealership: Aston Martin of Ontario

China**Cat A Aston Martin Beijing**

No 1 Jing Gang Lu, Jin Zhan Xiang, Chao Yang District, Beijing,

100018

Phone:

Associated Dealership: Aston Martin Beijing

Denmark**Cat B Brdr Elkjær**

Hejrevej 33, 2400 København NV

Phone: 0045 38 10 45 40

Associated Dealership: Aston Martin Denmark

Cat B Das Karrosseri

Krondalvej 11, 2610 Rødovre

Phone: 0045 44 84 84 85

Associated Dealership: Aston Martin Denmark

England

Cat B Abridge Body Centre

Abridge Body Centre Langston Road, Loughton, Essex, IG10 3TQ

Phone: 07818016350

Associated Dealership: Lancaster Seven Oaks

Cat B Ambassador Car Recovery Ltd.

Unit 6, Forsyth Road, Woking, Surrey, GU21 5SB

Phone: 01483 747752

Associated Dealership: HWM

Cat A Aston Martin Works Service

Tickford Street, Newport Pagnell, MK16 9AN

Phone: 01908 619264

Associated Dealership: ASTON MARTIN

Cat B Autobody Care

104 Gelderd Road, Leeds, LS 12 6BY

Phone: 0113 257 2000

Associated Dealership: JCT 600 Leodis Court

Cat B Balgores Motors

1 Bryant Avenue, Romford, Essex, RM3 0AP

Phone: 01708 344122

Associated Dealership: Grange Aston Martin

Cat B BlueBell Bodyshop

Brooke Park, Lower Meadow Road, Handforth, Cheshire, SK 9 3LP

Phone: 0161 486 2080

Associated Dealership: Stratstone of Wilmslow

Cat B Bodytechnics Ltd.

381 Sykes Road, Trading Estate, Slough, Berkshire, SL1 4SP

Phone: 01753 505900

Associated Dealership: Aston Martin Sales of Mayfair

Cat A Chartwell Bodycraft Chartwell Ltd.

Chartwell House, 1 Brunel Parkway, Derby, DE24 8HR

Phone: 01332 340972

Associated Dealership: Paramount Derby

Cat B Chiltern Aston Centre

Leyhill Road, Bovington, Herts, HP3 0NW

Phone: 01442 833177

Associated Dealership: Chiltern Aston Centre

Cat B City Centre Car Care Co.

260 Bradford Street, Digbeth, Deritend, Birmingham, B12 0QY

Phone: 0121 766 7699

Associated Dealership: Stratstone Birmingham

Cat B Cougar Direct

Crescent Road, Luton, Bedfordshire, LU2 0AR

Phone: 01582 540900

Associated Dealership: Grange Aston Martin Welwyn

Cat B Davies Motor Company Ltd.

Hadfield Close, Leckwith, Cardiff, CF11 8BD

Phone: 029 20394407

Associated Dealership: Stratstone Cardiff

Cat B DLC Cars

1 - 11 St Georges Road, Reading, Berks, RG30 2RG

Phone: 01189 505004

Associated Dealership: Lancaster Reading

Cat A Evans Halshaw Bodycare Centre

Hepburn Gardens, Felling, Gateshead, NE10 0AD

Phone: 0191 495 4300

Associated Dealership: Aston Martin Houghton Le Spring

Cat A Fairweather Autoshine

Vulcan Works, Water Lane, Exeter, EX2 8BY

Phone: 01392 420000

Associated Dealership: Grange of Exeter

Cat B Harwoods

Seven Oaks Billinghamurst, West Sussex, RH14 9AZ

Phone: 01403 787020

Associated Dealership: Harwoods

Cat B JCT600 Body Clinic

320 Sticker Lane, Bradford, BD4 8RS

Phone: 01274 778600

Associated Dealership: JCT 600 Leodis Court

Cat B Lancaster Cambridge Body Centre

High St, Harston, Cambridge, CB2 5QE

Phone: 01223 872872

Associated Dealership: Lancaster Cambridge

Cat B Lloyds Autobody

Unit 11, Ringway Trading Estate, Shadowmoss Road,
Wythenshawe, Manchester, M22 5LH

Phone: 0161 437 9911

Associated Dealership: Stratstone of Wilmslow

Cat B MKG Accident Repair Centres

Cavendish Road, Stevenage, Herts, SG1 2ET

Phone: 01438 720720

Associated Dealership: Grange Aston Martin Welwyn

Cat A Panelwise of Weybridge

The Latehouse, Hamm Moor Lane, Weybridge Business Park,
Surrey, KT15 2SD

Phone: 01932 856460

Associated Dealership: HWM

Cat A Stratstone Body Repair Centre

Unit 11, Hayes Trading Estate, Hingley Road, Lye, Stourbridge,
B63 2RR

Phone: 01384 426070

Associated Dealership: Stratstone Birmingham

Cat A Stratton Motor Company

Ipswich Road, Long Stratton, Norwich, NR15 2XJ

Phone: 01508 530491

Associated Dealership: Stratton Motor Company

France

Cat B The Autoshop Accident Repair Centre Ltd.

Unit 22, Hopemills Industrial Park, London Road, Briscombe,
Stroud, GL5 2SE

Phone: 01453 882844

Associated Dealership: Broughtons Aston Martin

Cat B Tonbridge Repair Centre

Units 8-9 Cannon Bridge works, Cannon Lane, Tonbridge, Kent
TN9 1PP

Phone: 01732 771117

Associated Dealership: Lancaster Seven Oaks

Cat A Aston Martin Paris

6-10 rue de la Cavalerie, 75015, Paris

Phone: 0033 1 53 86 7272

Associated Dealership: Aston Martin Paris

Cat B Carrosserie de Los Angeles

10, rue de Breteil, 33320 EYSINES

Phone: 0033 556 28 52 17

Associated Dealership: Aston Martin Bordeaux

Germany

Cat A Alfred Krauthahn GmbH

Nestorstrasse 27-29, D-10709 Berlin-Wilmersdorf

Phone: 0049 30 896 000 31

Associated Dealership: Krauthahn Berlin

Cat B Autolackierung Dominante GmbH

Grosser Haingraben 9, 65779 Kelkheim

Phone: 0049 619 5 67477

Associated Dealership: Autohaus Kronberg

Cat B Bundesmann

Suitbertusstrabe 81, 40223, Düsseldorf

Phone: 0049 02131 9227 36

Associated Dealership: Moll GmbH

Cat B Ellerbrock GmbH

Rudolf Diesel Strasse 2, 28816 Stuhr

Phone: 0049 421870181

Associated Dealership: Tamsen Bremen

Cat B FA Heller GmbH

Sandhoferstr, 199-201, 68307 Mannheim

Phone: 0049 621 772317

Associated Dealership: Kroymans Autohaus Mannheim GmbH

Cat B Gerrards KG + Sohn

Adalbertsteinweg 220, 52066 Aachen

Phone: 0049 241 501168

Associated Dealership: L Hauswirth Exclusive Car GmbH

Cat A Preisacher Unfallinstandsetzung

Hirschbachweg 9c, 85659 Forstern, Munich

Phone: 0049 81 24 / 7015

Associated Dealership: Autohaus Avalon München GmbH

Cat B Premiumcars Peters

Phone: 0049 231 91204048

Associated Dealership: Aston Martin Dortmund

Cat B Schwabengarage AG Stuttgart

Cannstatter Strasse 46, 70190 Stuttgart

Phone: 0711 2803 2400

Associated Dealership: Schwabengarage AG

Cat B Aspelohe

36 22848 Norderstedt

Phone: 0049 40 5234767

Associated Dealership: Tamsen Hamberg

Hong Kong**Cat A Shun Hing Motor**

Phone:

Associated Dealership: Aston Martin (HK) Ltd.

Italy

Cat B **Csrozzeria Vigentina SNC**

VIA RUTILIA 10/8 20141 MILANO

Phone: 0039 02/56810266

Associated Dealership: Milan

Cat A **F.lli De Clementi & Snc**

Carrozzeria Autorizzata, Via Fiano, 14, 00191 Rome

Phone: 0039 63333309

Associated Dealership: Aston Martin Rome

Cat A **New Car Carrozzeria**

New Car srl, 35027 Noventa Padovana (PD), Via Noventa

Phone: 00394 989 59103

Associated Dealership: Padova

Japan

Cat A **Ace Auto Service Co. Ltd.**

Showajima Centre, 5-18 Showajima 1 Chome, Ohta-Ku, Tokyo

143-0004

Phone: 0081 3 5493 2345

Associated Dealership: Atlantic Cars Limited

Cat A **B-Right co, Ltd.**

4-23 Meiboku-cho, Torikai, Settsu-City, Osaka 566-0063

Phone: 0081 72 653 5341

Associated Dealership: Aston Martin Akasaka

Cat B **Hakko Jidosha Co. Ltd.**

4-8-35, Takaitanaka, Higashi-Osaka-Shi, Osaka Hakko Jidosha Co., Ltd.

Phone: 0081 6-6783-3401

Associated Dealership: Aston Martin Osaka Hakko

Cat B **IM Corporation Ltd.**

1-27-31 Kitamikata, Takatsu-ku, Kawasaki-shi, Kanagawa

Phone: 0081 44833 1288

Associated Dealership: Aston Martin Akasaka

Cat B **Run and Run**

2-226, Takasu, Sango-Shi, Saitama

Phone: 0081 48-955-8381

Associated Dealership: Atlantic Cars Limited

Cat B **Showa Jidosha Co**

303 -1, Irukadeshinden, Komaki-shi, Aichi, 485-0084

Phone: 0081 568 72 3718

Associated Dealership: Aston Martin Nagoya

Kuwait**Cat A Aston Martin Kuwait**

Phone:

Associated Dealership: Aston Martin Kuwait

Lebanon**Cat B Chawa Fares**Honda Building, Chouran Unesco, PO Box 11-5800, Riad El Soih
11072000, Beirut

Phone: 00961 180001

Associated Dealership: MANA Automotive

Monaco**Cat A Carrosserie Jourdan**

100 Val du Carei, 06500 Menton

Phone: 0033 493 35 94 00

Associated Dealership: British Motors

Netherlands

Cat A Autoschade Groeneveld B.V

ESP 200, 5633 AC Eindhoven

Phone: 0031 402424546

Associated Dealership: Cito Motors

Cat A Boschman Autoschade

Reggestraat 29, 5347 JG Oss

Phone: 0031 412 650649

Associated Dealership: Kroymans Aston Martin B.V.

New Zealand

Cat A Evans European

353 Church Street, Penrose, Auckland

Phone: 0064 9 636 5004

Associated Dealership: Independent Prestige Limited

Cat B Precision AutoWerk

224 Archers Road, Glenfield, Auckland

Phone: 0064 9 443 2432

Associated Dealership: Independent Prestige Limited

Northern Ireland

Cat A Charles Hurst ARC

The Cutts, Derriaghy Ind Est, Donmurray, Northern Ireland BT17

9HN

Phone: 02890 615856

Associated Dealership: Charles Hurst

Norway**Cat B Ullern Bil Skade AS**

STALFJAERA 12, N - 0975 Olso

Phone: (+47) 24173050

Associated Dealership: AS INSIGNIA

Portugal**Cat A AML Sport SA**

Av. 25 de Abril, Lt. 120, Massamá, 2745-864 Queluz

Phone: 00351 21 430 97 00

Associated Dealership: AML Sport SA

Cat B Castro E Cruz

Rua Avelino Sagado De Oliveira, 13-A 2680-104 Camarate

Phone: 0035 1219474734

Associated Dealership: AML Sport SA

Russia**Cat B SportCar-Center**

Abramtsevskaya 30, 127572, Moscow

Phone:

Associated Dealership: AM Moscow

Saudi Arabia

Cat A **Haji Husein Alireza**

Al Khobar

Phone: 966 3 8588 800

Associated Dealership: Haji Husein Alireza

Singapore

Cat A **Tabernacle Auto Services PTE Ltd.**

41 Kian Teck Drive, Singapore, 628855

Phone: (65) 6268 6571

Associated Dealership: Aston Martin SEA

South Africa

Cat A **Renew-It Autobody**

19 Old Main Pretoria Road, Marlboro, Sandton, PO Box 784907,
Sandton 2146

Phone: 011 444 6390

Associated Dealership: Aston Martin Sandton

Spain

- Cat A C De Salamanca SA Madrid**
 C/ Zurbano, 93-95, Madrid 28003
 Phone: 0034 915 548293
 Associated Dealership: C De Salamanca SA Marbella
- Cat B C De Salamanca SA Marbella**
 Marbella Carretera de Cádiz KM 171, 29670 San Pedro de Alcántara, Marbella
 Phone: 0034 669 44 77 01
 Associated Dealership: C De Salamanca SA
- Cat A Central Reparacion Carrocerias**
 Quadis Autocentre Maresme, Ctra. Nacional II, Km. 643, 08349 Cabrera de Mar
 Phone: 0034 93 741 80 15
 Associated Dealership: Aston Martin Barcelona

Switzerland

- Cat A Carroserie M Bellido**
 42A Route de Satigny, 1217 Meyrin, Geneva
 Phone: 0041 227823290
 Associated Dealership: Garage P Keller SA
- Cat A Emil Frey AG**
 Industrie Nord, Autocentre, 5745 Safenwil
 Phone: 0041 62 788 8888
 Associated Dealership: Emil Frey AG
- Cat A Garage Tarcisio Pasta SA**
 Via San Gottardo 47, 6828 BALERNA
 Phone: 0041 31 6358500
 Associated Dealership: Garage Tarcisio Pasta SA

USA

- Cat A Amato's Autobody Inc.**
 3848 Sorrento Valley Blvd, San Diego, CA 92121
 Phone: 001 858 455 6715
 Associated Dealership: Aston Martin of San Diego
- Cat A Aston Martin of Troy**
 85 Linden Street, Waltham, MA 02452
 Phone: 001 248-614-3181
 Associated Dealership: Aston Martin of Troy
- Cat A Aston Martin Tysons**
 8545 Leesburg Pike, Vienna VA 22182
 Phone: 001-703-790-3220
 Associated Dealership: Aston Martin Tysons
- Cat B Avio Coach Craft**
 2245 Pontius Avenue, W. Los Angeles, CA 90064
 Phone: 001 31 0312 1128
 Associated Dealership: Aston Martin of Beverly Hills

Cat B Barsotti's

75 Mill Street, San Rafael, CA 94901

Phone: 001 415 454-5157

Associated Dealership: Aston Martin Marin

Cat A Bell Red Auto Rebuild

1406 130th Avenue NE, Bellevue, Washington 98005

Phone: 001 425-453-5552

Associated Dealership: Aston Martin Seattle

Cat A Brook's Motorcars

9829 Bigge Street, Oakland, CA, 94603

Phone: 001 (510) 632-8901

Associated Dealership: Cole European

Cat A Countach - Auto Ref. & Coach Work

111 San Lorenzo, Coral Gables, FL 33146, Florida

Phone: 001 305 443 1468

Associated Dealership: The Collection

Cat B Dayas Custom Autos Inc.

800 Bennet Drive, Longwood, Florida 32750

Phone: 001 407 3315599

Associated Dealership: Aston Martin Orlando

Cat B DC Autocraft

25/57 East Providencia Avenue, Burbank, California, 91502

Phone: 001 818846 5032

Associated Dealership: Galpin Aston Martin

Cat B Dell Auto Body

950 Camden Avenue, Campbell, CA 95008

Phone: 001 408 370 0189

Associated Dealership: Aston Martin Silicon Valley

Cat A European Motor Car Works

2923 Tech Center Drive, Santa Ana, California 92705

Phone: 001 714 957 1290

Associated Dealership: Bauer Aston Martin

Cat A Exoticar Paintworks Inc.

2901 S Highland, Building 9E, Las Vegas, Nevada 89109

Phone: 001 702 733 1859

Associated Dealership: Gaudin Aston Martin of Las Vegas

Cat A First Class

2412 NE 5th Avenue, Pompano Beach, FL 33064

Phone: 001 954 785 3784

Associated Dealership: Aston Martin Palm Beach

Cat A Flower Hill Auto Body Inc.

12 Middle Neck Road, Roslyn, NY 11576

Phone: 001 516 627 3913

Associated Dealership: Miller Motor Cars - Long Island

Cat A Global Collision

5101 East Evans Avenue, Denver, Colorado 80222

Phone: 001 303 762 7562

Associated Dealership: Sill-Terhar Aston Martin

Cat A Harry's Auto Collision Center

1013 South La Brea Avenue, Los Angeles, California 90019

Phone: 001 323 933 4600

Associated Dealership: Aston Martin of Beverly Hills

Cat A Hollis Auto Body Inc.

230 Eliot Street, Ashland, MA 01721

Phone: 001 508 881 1990

Associated Dealership: Aston Martin New England

Cat A Inter-Pro Autobody Inc.

417 W Washington Av, Lake Bluff IL 60044

Phone: 001 847-295-1222

Associated Dealership: Lake Forest

Cat A J & B Bodywerks

36 - 38 Beach St, Mt Vernon, NY 10550

Phone: 001 914 664 8080

Associated Dealership: Miller Motor Cars

Cat A Jacks Body Works Inc.

68350 Commercial Road, Cathedral City, CA 92234

Phone: 001 760 321 4752

Associated Dealership: Desert European Motor Cars Ltd.

Cat A John Eagle Collision Centre

6125 Peeler Street, Dallas, Texas, USA

Phone: 001 214 353 3570

Associated Dealership: Aston Martin Dallas

Cat A Katy Coach Works Inc.

1180 Blalock Road, Houston, Texas 77055

Phone: 001 713 465 6225

Associated Dealership: Star Motor Cars

Cat A Magnum Collision Repair Centre

1445 Field Park Cir., Marietta, Georgia 30066

Phone: 001 770 427-4590

Associated Dealership: Aston Martin of Atlanta

Cat A Quality Autobody

811 New Bruswick Avenue, Rahway, New Jersey 07065

Phone: 001 732 388 2400

Associated Dealership: F C Kerbeck Aston Martin

Cat B R&S Auto Body Inc.

4102 N Armenia Avenue Tampa, Florida 33607

Phone: 001 813-876-1913

Associated Dealership: Aston Martin of Tampa Bay

Cat B Scottsdale Paint and Body

350 N. Hayden Road, Scottsdale, AZ 85257

Phone: 001 480 421 8800

Associated Dealership: Scottsdale Aston Martin

Cat B True Performance

7854 Industrial Parkway, Plain City, Ohio 43064

Phone: 001 614 733 0708

Associated Dealership: Midwestern Auto Group

Cat A JM Accident Repair Centre

Frairton Bridge Park, Frairton Road, Perth, Scotland, PH2 8DD

Phone: 01738 626262

Associated Dealership: Murray Aston Martin



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