



ASTON MARTIN

DBS

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The sporting spirit of the 1930s exists today in one of the world's most exclusive car clubs. Enthusiasts in nearly 60 countries are united by an interest in iconic cars with an enviable pedigree.

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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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Owner's Guidebook

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Whilst every effort has been made to ensure 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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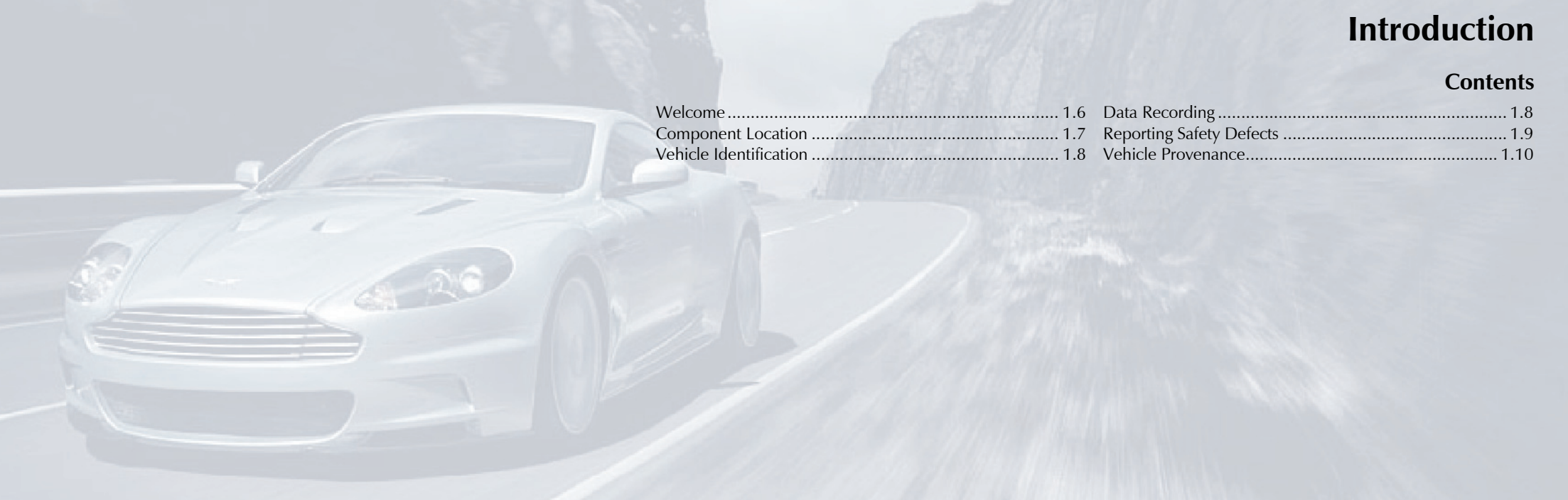
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Introduction

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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 it's system 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 remain with the vehicle at all times.

Quick Reference Guide

A summary of the more regular in-vehicle operations can be found in the Quick Reference Guide. This useful guide can be found in the Armrest Cubby box.

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

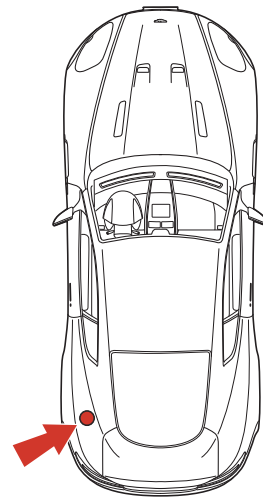
Provided to indicate procedures which must be followed precisely to reduce the possibility of damage to your vehicle.

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 hand corner of the windshield and is recorded as a barcode on the door pillar.

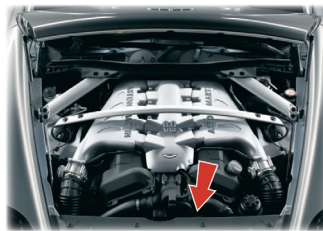


The Vehicle Identification Plate, attached to the front subframe behind the engine bay front cross member (viewed from above), is model and market dependant:



The vehicle identification number is also stamped into the floorpan in the RH 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					
Model:				First Owner:	Third Owner:
Color:				Selling Dealer:	Selling Dealer:
	Body Exterior	Interior Trim	Fascia Trim	Delivery Date:	Delivery Date:
Vehicle Identification Number:				Second Owner:	Fourth Owner:
As on the VIN plate				Selling Dealer:	Selling Dealer:
				Delivery Date:	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, fuel flap release lock and unlock
- A guard reduction mode
- Alarm siren with battery backup (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 spec alarm system only)
- Tilt Sensor (High spec alarm system only)
- Passive anti-theft system (PATs) (Engine immobilization)

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

Vehicle Keys

The vehicle is supplied with two vehicle keys¹, a Sapphire Key and a spare key. A leather key holder is provided to hold the 'in use' vehicle key when not in the Start 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.

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

Low Power Radio Frequency Device Information

The following information is located on the reverse of the vehicle key.



Emergency Key

An emergency key is located in the vehicle key holder.
The emergency key will only lock and unlock the vehicle (Refer to 'Emergency Key', page 2.8).



To Remove the Vehicle Key from the Key Holder

Do not pull on the emergency key eyelet (A) to remove the vehicle key.

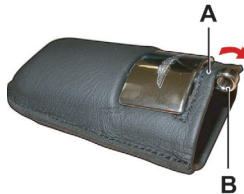
1. Hold the key holder as shown and pull the ribbon until the top of the key protrudes from the key holder.
2. Withdraw the key.
3. When inserting the key ensure that the ribbon is on the outside of the holder.



To Remove the Emergency Key from the Key Holder

If the key holder is connected to a key ring - first remove the key ring.

1. Manoeuvre the strip of leather (A) up and over the Emergency key eyelet (B).



2. Disconnect the key holder clip from the eyelet stem (C).



3. Pull the emergency key from the key holder.
4. To install, insert the key into the opening provided in the key holder (D), connect the key holder clip to the eyelet stem and manoeuvre the strip of leather over the eyelet.

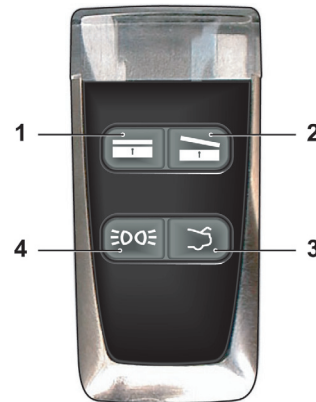


Vehicle Key Security Functions

- 1 LOCK** - One step vehicle locking and alarm enable (Refer to 'Locking the Vehicle', page 2.8). The seats and door rear view mirror positions are memorized (Refer to 'Seat Memory Function', page 3.5).

The vehicle will deadlock after 25 seconds (Refer to 'Deadlocking', page 2.12).

- 2 UNLOCK** - Two step vehicle unlocking (Refer to 'Unlocking the Vehicle', page 2.6). Two step vehicle unlocking and alarm disable (Refer to 'Personalization', page 2.20). 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 2.10).
- 4 APPROACH LIGHT** - Activates the front / rear side lamps and interior lights (Refer to 'Approach Lighting', page 2.12).

Unlocking the Vehicle

Stand within 16 ft. (5 m) of the vehicle. 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 un-lock the passenger door and enable the trunk catch and fuel flap release switch (Refer to 'Personalization', page 2.20).

If the vehicle has been opened using the spare key and the seats / 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).

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

The vehicle key can be programmed to:

- Unlock all doors and enable the trunk and fuel flap release switches with one press of the  button.
- Unlock the drivers door only with the first press of the  button and the rest of the vehicle with a second press.

(Refer to 'Personalization', page 2.20).

The vehicle alarm is disabled on the first press of the button.

As the vehicle is unlocked, the interior lamps will switch on for five minutes. The lamps will switch off 30 seconds after doors are closed or when the vehicle is started.

Unlocking From Inside the Vehicle

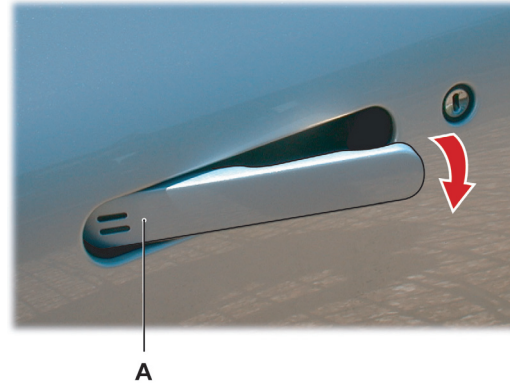
If reduced guard (Refer to 'Reduced Guard', page 2.14) was activated before the vehicle was locked, one pull of a door handle will centrally unlock the doors, a second pull of the door handle will open that door.

The vehicle alarm will sound when the door is opened. 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 switch 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 2.14).

Opening the Doors

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



*For ease of use at night time.
When the vehicle is unlocked blue LEDs will illuminate in the door handles (for two minutes or until the door is opened).
Press the door handle where the LED illuminates.*

If 'Drive-away' locking is active one pull of the door handle will centrally unlock both doors and a second pull will open that door (Refer to 'Drive-Away Locking', page 2.12).

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

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

Locking the Vehicle

Ensure that both doors, the trunk and the hood are closed. Stand within 16 ft. (5 m) of the vehicle. 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 (Refer to 'Deadlocking', page 2.12).

The vehicle will arm and deadlock after 25 seconds.

The direction indicators will flash once as the alarm is activated (Refer to 'Personalization', page 2.20).

The front 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).

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

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

If passengers are to remain 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 2.14).

Automatic Re-locking

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

Emergency Key

The Emergency key is located in the vehicle key pouch.

Locking Using the Emergency Key

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

Unlocking Using the Emergency Key

Insert the emergency key in the door lock and rotate fully towards the rear of the vehicle, then release. this will centrally unlock the vehicle, enable the trunk and fuel flap release switches.

Master Lock Switch

If unlocking a door using the emergency key after 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 and place in ignition position 'II'.

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

Doors, fuel flap and trunk release switches may be locked / unlocked by pressing the master lock switch. Press the switch to lock. Pull back on the switch to unlock.

One pull back on the master lock switch will also illuminate 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.

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.



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

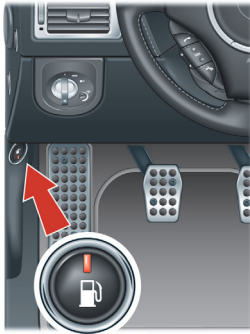
The master lock switch will not operate if the vehicle has been locked from the outside.

Operation of the master lock switch will override 'Drive away locking' (Refer to 'Deadlocking', page 2.12).

Fuel Flap Release

Push the fuel flap release switch 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 vehicle is locked and armed the alarm system will be disabled and the direction indicators will flash twice (Refer to 'Personalization', page 2.20). The doors will remain locked.

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



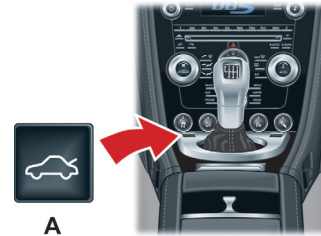
A

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.

Trunk Lid Release Switch

Pull back on the trunk release switch (A).

The trunk catch will release. Lift the lid.



Closing the Trunk Lid

Lower the trunk lid and ensure the trunk catch engages.

The trunk will not be locked.

Always ensure the trunk is securely closed after use. The trunk interior lamps will remain on for 30 minutes if the trunk lid is left partially open.

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 2.20)).

Leaving the Trunk Open While the Vehicle is Locked

To use the battery conditioner (Refer to 'Battery Conditioner', page 10.33) the trunk has to be left open (Trunk lid down but not latched).

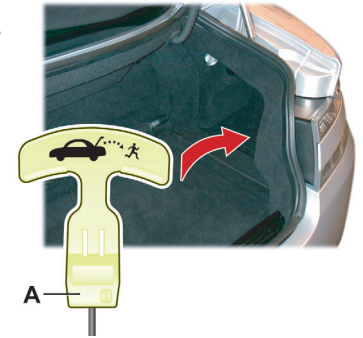
If the vehicle is locked while the trunk is open, the vehicle will lock and arm (deadlocking, tilt (option) and interior movement (option) sensors will not activate).

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

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.

Trunk Emergency Release

The trunk can be opened from inside the trunk by pulling the luminous emergency release handle.



Deadlocking

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.

If passengers are to remain in the vehicle after locking, the reduced guard switch must be activated before locking (Refer to 'Reduced Guard', page 2.14).

Drive-Away Locking

Drive away-locking (Auto Lock) is factory set to active (Refer to 'Personalization', page 2.20).

When drive-away locking is active the central locking system will automatically engage as the vehicle moves off. Both doors and the trunk will lock. This function prevents unwanted access to the vehicle when stopped at traffic lights etc.

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 2.20).

Homesafe

When exiting the vehicle and the vehicle key has been removed, flash the main beam (pull the LH stalk forwards and release without latching), to active Homesafe. The main beam and rear lamps will then remain on for a determined amount of time and then extinguish. The time that the side lamps stay on is programmable (Refer to 'Personalization', page 2.20).

If Homesafe has been activated with the master lamp switch at position 3 (headlamps on), the main beam will remain on. Ensure the master lamp switch is at position 1 before exiting (Refer to 'Master Lamp Switch', page 4.14).

Alarm Cycle

Full Alarm Activation

A siren will sound for a 25 seconds cycle (ten cycles maximum). The direction indicators flash for five minutes after which the security system returns to the armed state.

Markets where visible alarm signals and audible sirens are permitted.

Doors and trunk will remain locked throughout.

The alarm can be deactivated at any time during activation by pressing the  button on the vehicle key (there is approximately a ten second delay before the alarm is cancelled).

Alarm Options

Interior Movement Sensor

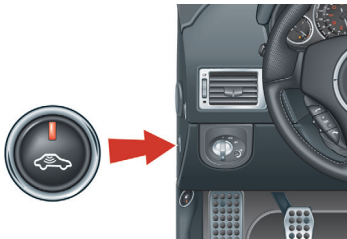
When the vehicle alarm system is activated the interior movement sensor will sense movement inside the vehicle. If movement is detected it will activate the vehicles alarm system (Refer to 'Reduced Guard', page 2.14).

Tilt Sensor

When the vehicle alarm system is activated 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 2.14).

Reduced Guard

When reduced guard is activated deadlocking, interior movement (option) and tilt (option) sensors are disabled. This will allow passengers to open the doors from the inside by pulling the interior door handle and passengers or animals to be left in the vehicle without activating the security system.



When a door is opened from the inside 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 passengers are to remain in the vehicle after it has been locked, the reduced guard switch (A) must be activated before locking. This will allow passengers to open the doors from inside the vehicle.

With the vehicle key in position 'O' or 'I' or within 60 seconds of removing the vehicle key the reduced guard switch can be activated.

The vehicle key must have been released from position 'II' first.

Press 'A' to activate. The switch will show red when reduced guard is active.

Reduced guard remains active until the vehicle key is inserted in the Start Control and set to position 'II'.

Passive Anti-Theft System (PATS)

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

To ensure a trouble-free signal exchange between the vehicle key and the vehicle, **do not** cover the vehicle key with any metal object (e.g. metal ignition key tags).

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.

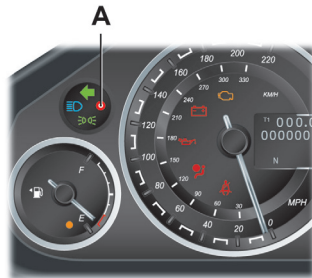
Starting the Engine

When the alarm system is disarmed and the vehicle key is in the Start 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 remains disabled.

PATS Status

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



Ignition	Action (Valid code)
Ignition 'On'.	Lamp illuminates for three seconds.
Ignition 'Off'.	Lamp will flash.
Ignition 'Off' and vehicle key removed.	Lamp will flash periodically for five minutes or until the vehicle is locked using the vehicle key.

Fault Mode

If the status lamp continues flashing when the ignition is turned on, the vehicle will remain immobilized.

Should this situation arise try turning the ignition off then on. 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.

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.

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

⚠ Warning ⚠

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.

⚠ Warning ⚠

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.

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-car 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.

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

2. Hold the original remote control of the device to be programmed at a distance of 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 light 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 light up 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 illuminated 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'.

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 and the ignition should be at position 'II'. 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 remaining two buttons may now be programmed if this has not previously been done (Refer to 'Programming', page 2.17).

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 approx. 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 diode 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 / Off
- 2 **SCREEN** - Presents options, menus and information.
- 3 **TUNING** - Alternative method for navigating through the menus. Turn left or right to navigate up / down 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 ignition at position 'II' and the Infotainment centre on, press **MENU**. Select *Car Settings...*

From *Car Settings...* navigate to the required setting > Press **ENTER** > Use the **JOYSTICK** to make a selection > press **ENTER** to accept.

Menu

(1)Car Settings...

- (1)Lock confirm. light
- (2)Unlock confirm. light
- (3)Doors auto lock
- (4)Doors unlock...
 - (1)All doors₁
 - (2)Driver door, then all
- (5)Approach light duration...
 - (1)30 / 60 / 90 seconds
- (6)Homesafe light duration...
 - (1)30 / 60 / 90 seconds
- (7)Information...
 - (1)VIN number...

¹. Market Area Dependant.



ASTON MARTIN



ASTON MARTIN



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, hood and fuel filler flap are securely closed
- Check the operation of all lamps

Once you are in 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 Comfort Control

⚠ Warning ⚠
Do not attempt to adjust the seat whilst driving.

The seats can be adjusted while the vehicle key is in the Start Control. Gently insert the vehicle key up to and just passed a resistance (approximately 20 mm (A)) then release.



They can also be adjusted:

- Up to 30 seconds after a door is unlocked and before the vehicle key is inserted into the Start Control
- Up to 30 seconds after the vehicle key is removed from the Start Control

If the seat operation times out:

- Place the vehicle key in the Start Control
- Close and / or open a door

Seat Controls

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

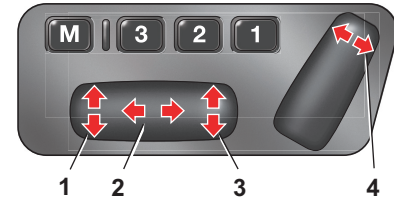


A

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 or raising / 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

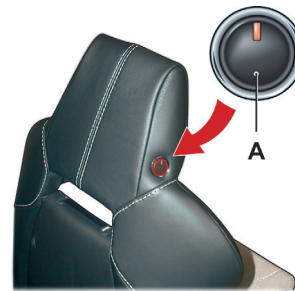
The ignition must be at position 'II' before the heated seat and lumbar support can be operated.

- 1 Press forwards or rearwards to increase or reduce the **lower lumbar support**.
- 2 Press forwards or rearwards to increase or reduce the **upper lumbar support**.
- 3 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 (no LED illuminated).

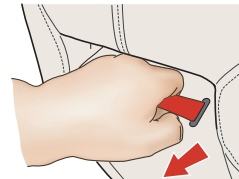


Seat Back Release

Press and release the button (A) to release the seat back then 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.



Seat Memory Function

The position of the driver and 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.



Warning
Ensure that there is nothing in front of, behind, or under the seat during adjustment.



Warning
To avoid injury, ensure that children do not play with the switches.



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

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.

A driving position will only be memorized if the ignition is at position 'I'

1. Adjust the seat and the door rear view mirrors to the desired position.
(Refer to 'Seat Controls', page 3.3).
(Refer to 'Door Mirrors', page 3.8).

When making seat adjustments, i.e. moving the seat base rearwards or raising / 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.

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, e.g. the spare vehicle key has been used to open / 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

The reach and tilt angle of the steering wheel are adjusted by using the release lever (A).

⚠ Warning ⚠
Do not adjust steering wheel whilst driving.

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.

⚠ Warning ⚠
Ensure 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.

Interior Mirrors

Rear View Mirror

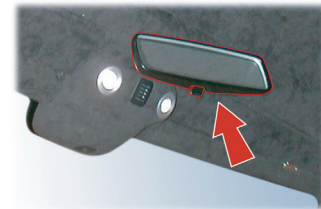
Adjust on its ball mounting until a satisfactory rear view is obtained.

Automatic Dimming

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

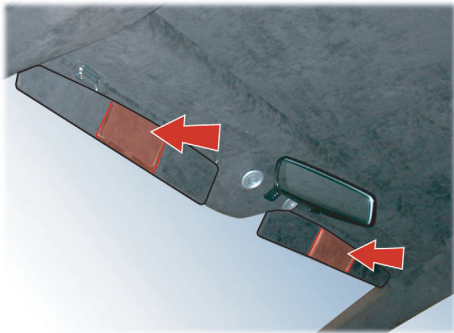
The mirror will return to normal view as unwanted glare reduces to an acceptable level.

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

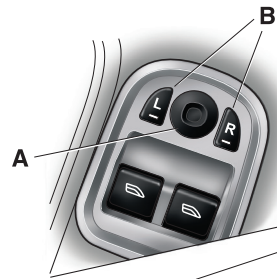
The ignition must be at position 'I' or 'II' before the door mirrors can be adjusted.

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 / 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 ignition position 'I' or 'II'.

Move the mirrors to the folded position by pressing down and releasing both the left and right hand 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.

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

Refer to your Aston Martin Dealer to enable / disable this function.

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

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).

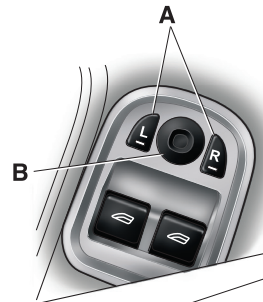
Reversing Dip

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

When reverse gear is selected press down and release the mirror joystick (B), this will lower the passenger mirror to preset position one.

If the mirror requires further lowering, press and release the joystick again.

The mirror will move one preset position per movement of the mirror joystick.



If the mirror is lowered to far, press up and release the mirror joystick.

The mirror will return to driving view when reverse gear is de-selected or when either mirror button (A) is pressed.

The mirror will remain in reverse dip mode as long as no door mirror LED is illuminated (A). Press either mirror button to leave reverse dip mode.

This function can be configured to either:

- Driver mirror only
- Passenger mirror only (default)
- Driver and Passenger mirrors
- None

Refer to your Aston Martin Dealer.

Restraints System

The Restraints System provides an improved overall level of frontal crash protection to 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 / may not activate the safety belt pre tensioners and / 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:

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

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 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 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.

Safety Belt Usage Sensors

Safety belt usage sensors detect whether or not the driver and 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 the driver seat position sensor.

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

Determining if the System is Operational

 The 'SRS' warning lamp 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 readiness light will either flash or stay illuminated
- The readiness light will not illuminate immediately after the ignition is turned 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

Warning

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.

Warning

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

Warning

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.

⚠ Warning ⚠ <i>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.</i>	⚠ Warning ⚠ <i>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.</i>	⚠ Warning ⚠ <i>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.</i>
⚠ Warning ⚠ <i>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.</i>	⚠ Warning ⚠ <i>Expectant mothers should seek medical advice on the most appropriate way to wear the seat belt.</i>	⚠ Warning ⚠ <i>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.</i>
⚠ Warning ⚠ <i>Never place shoulder portion of belt under your arm or behind your back.</i>	⚠ Warning ⚠ <i>Seat belts must be kept clean so that the retractor works correctly. Ensure 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.</i>	

⚠ Warning ⚠

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.

⚠ Warning ⚠

Seat Belts should not be worn with straps twisted.

⚠ Warning ⚠

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.

⚠ Warning ⚠

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

⚠ Warning ⚠

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.

⚠ Warning ⚠

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 two, 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.





The seat belt warning lamp will illuminate (for approximately six seconds) when the ignition is at position 'II' if the driver's seat belt is not fastened¹. An audible warning will sound at the same time¹.

Seat Belt Fastening

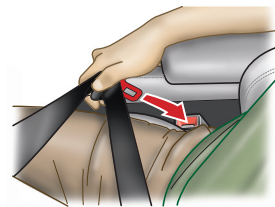
When parked on an incline, the seat belt may lock as it is withdrawn. This is not a fault. If the mechanism locks, release the belt tension and then pull the belt very gently to avoid operation of the inertia lock.

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 ensure 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.

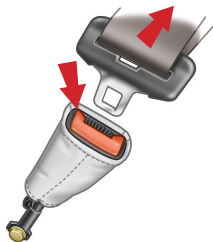


¹. Market dependant

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)

Ensure 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.

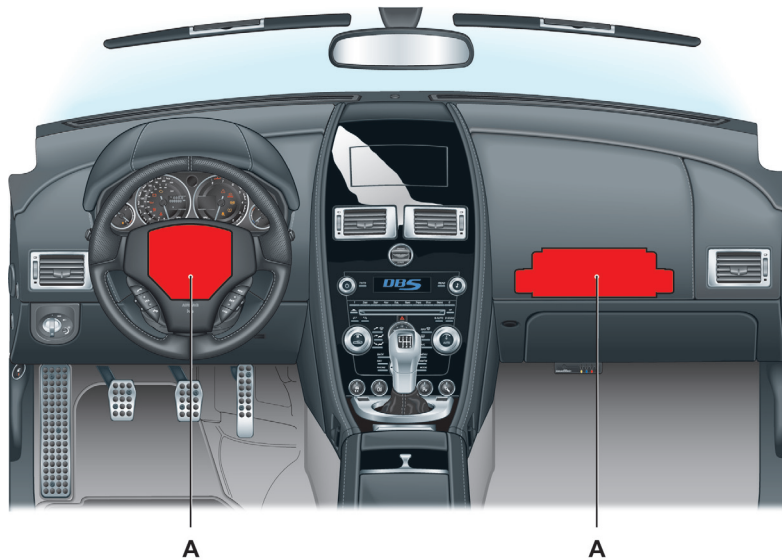
Airbags

Supplemental Restraints System (SRS)

The vehicle is equipped with driver and passenger airbags. The airbags and seat belt pre tensioners are electrically controlled by the restraints system (Refer to 'Restraints System', page 3.10).

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 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). Ensure that the instructions on these labels are read and complied with prior to driving the vehicle.

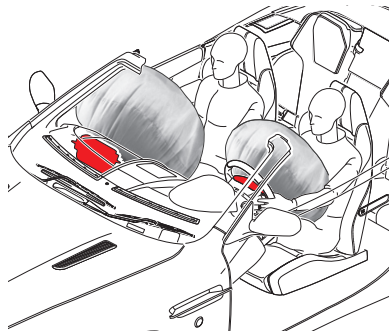
Airbag Deployment

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.

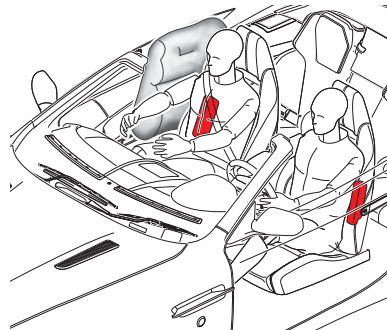
The whole sequence of events from sensing the impact to full inflation of the airbag takes place in a fraction of a second.

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

Front Airbags - on a frontal impact.



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



⚠ Warning ⚠

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.

⚠ Warning ⚠

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.

⚠ Warning ⚠

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.

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

Child Seats and Passenger Airbags

⚠ Warning ⚠

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.

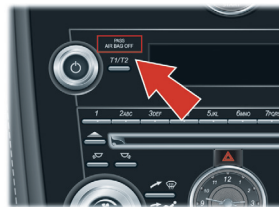
The system works with sensors which are installed in the front passenger's seat. The sensors are designed to detect the presence of a properly seated occupant and determine if the front passenger's front airbag should be enabled or disabled.

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' lamp (A) will illuminate and stay illuminated to show that the front passenger front airbag is inactive.



PASS
AIR BAG 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' Lamp
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' lamp. 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' lamp will not illuminate.

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 lamp may or may not be illuminated according to the table above.

The 'Pass Airbag Off' lamp will illuminate for a short period when the ignition is turned to the ON position to confirm it is functional.

Seating Position

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

⚠ Warning ⚠
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.

⚠ Warning ⚠
Improper installation of a child seat may cause the Passenger Sensing system to leave the front airbag active. Always ensure 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, it's 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' lamp is illuminated, it is possible that the person isn't sitting properly in the seat.

If this happens:

1. Switch the vehicle 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 remain 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' lamp remains lit even after this, the person should be advised to ride in the rear seat.

⚠ Warning ⚠

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 lamp 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' lamp 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' lamp is illuminated, do the following:

The driver and / or 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 and / or cargo is interfering with the seat take the following steps to remove the obstruction:

1. Switch the vehicle 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 airbag readiness light is no longer illuminated.

If the 'Pass Airbag Off' lamp remains illuminated, 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 / modification to the front passenger seat may affect the performance of the front passenger sensing system.

Determining if the System is Operational

The warning lamp 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 readiness light will either flash or stay illuminated
- The readiness light will not illuminate immediately after the ignition is turned 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.

Warning

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

Warning

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.

Warning

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.

Ensure 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

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 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.**

Child Seats



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



The 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 3.19).

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

Ensure 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.

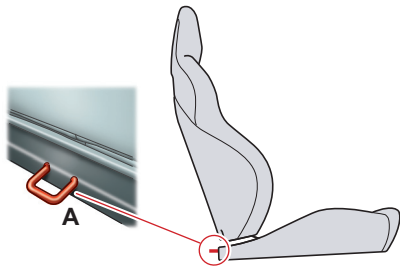
Children could be endangered in a crash if their child restraints are not properly secured in the vehicle.

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

Tether Anchor

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

Motor the seat forward to access the tether anchor point.



⚠ Warning ⚠

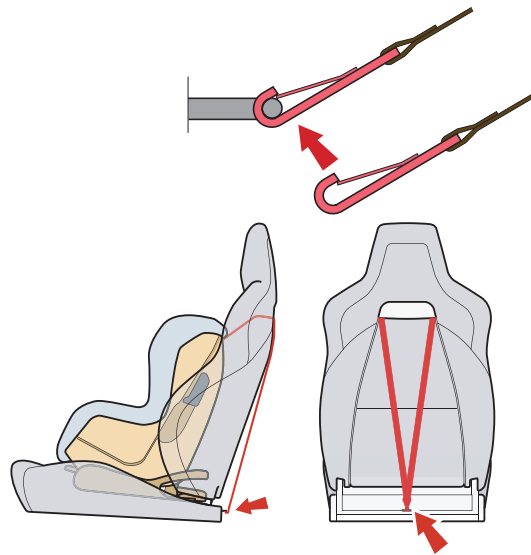
Child seat anchorages are designed to withstand only those loads imposed by a correctly installed child seat. Under no circumstances are they to be used for adult seat belts, harnesses, attaching other items or equipment to the vehicle.

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 as shown and ensure that the locking spring has fully closed to prevent accidental disengagement.

⚠ Warning ⚠

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

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



Automatic Locking Retractors (ALR)

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

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 ensure 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.

Interior Storage

Glovebox

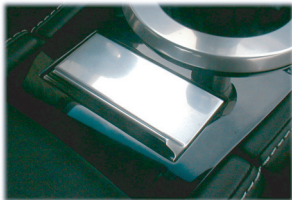
Press the glovebox switch (A) to open. Push up to close.

Vehicle Guidebook storage location.



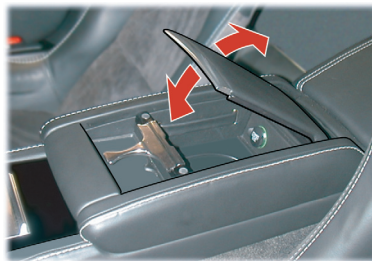
Trinket box

(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 (A) is provided in the Armrest cubby box. The holder rotates through 180°.

⚠ Warning ⚠

*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.*



⚠ Warning ⚠

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

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 3.19).

Door pockets, including mobile phone pocket

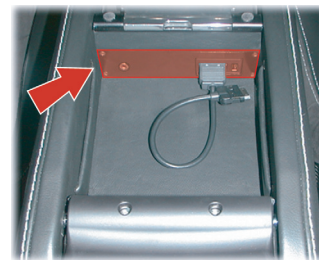


Media Devices

A dedicated Apple iPod 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 / USB Functions', page 7.25).



Music devices connected using the Auxiliary socket will not be operated by the vehicle audio system (Refer to 'Auxiliary Functions', page 7.28) or have their batteries.

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

Accessory Sockets

⚠ Warning ⚠
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.

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

Accessory sockets are mounted in the armrest cubby box and trunk RH side wall 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 ensure that you do not connect any device which would exceed current rating of accessory socket.



Ashtray and Cigar Lighter (Option)

The cigar lighter may be used when the vehicle key is in ignition positions 'I' or 'II'.

Push down until it clicks. The lighter will pop up when ready.



⚠ 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.

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

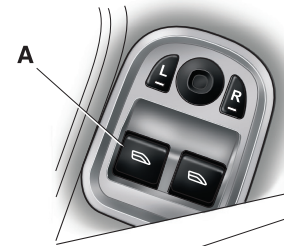


Electric Windows

⚠ 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 ensure that all obstructions are clear before raising the window.

To raise and lower the windows the vehicle key must be at ignition position 'II'.

The windows will remain in operation up to one minute after the vehicle key is removed from the Start 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 - Lightly 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 10.48).

Door Sealing

Warning
Ensure that all occupants are clear when the window mechanism is operating.

To minimize wind noise and ensure a watertight window seal a door sealing system is used to ensure 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.

Reading Lamps

Both reading lamps are controlled by the individual switches mounted on the infotainment centre (A).

Unless switched off / on at (A) they will continue to operate up to four minutes after the ignition is switched off.



Coat Hook

Coat hooks are provided behind the driver and passenger seats.



A

Umbrella

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



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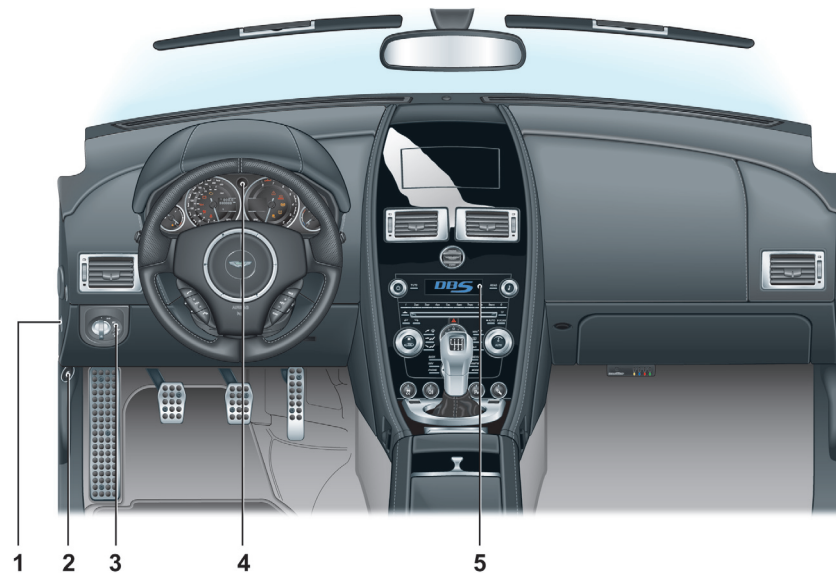


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Controls

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1. Reduced guard Switch (Refer to page 4.14).
2. Fuel flap release (Refer to page 4.13)
3. Master lamp Switch (Refer to page 4.14).
4. Instrument Cluster (Refer to page 4.3).
5. Centre Stack (Refer to page 4.10).



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

3 MESSAGE DISPLAY (LEFT) - Displays the following:

(A) **Trip Meter** - The Trip Meter shows distances travelled since last reset of trip meters T1 and T2. 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.

(B) **Cruise Status** - Shows 'Cruise' when cruise control is activated (Refer to 'Cruise Control', page 4.20).

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



A

- 4 **GEAR POSITION INDICATOR DISPLAY (GPID)** - Indicates the optimum time to shift gear. A red 'R' will show when the transmission is in reverse (Refer to 'Driving', page 5.3).



- 5 **MESSAGE DISPLAY (RIGHT)** - Displays the following:

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

- **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. View / acknowledge messages at any time by pressing the **Read** button (B).

Trip Computer The message display defaults to the trip computer when there are no messages to show (Refer to 'Trip Computer', page 4.18).



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.

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



- 1  **LOW FUEL WARNING LAMP (AMBER)** - Illuminates when approximately 2.0 Galls (9 ltr) remain. 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 (GREEN)** - Flashes with the indicator lamps or hazard warning lamps (Ignition at position 'II').
- 3  **HEADLAMPS (BLUE)** - Indicates the main beam of the headlamps is in use.
- 4  **SIDE LAMPS (GREEN)** - Indicates the side lamps / dip or main beams are illuminated.
- 5  **PATS LAMP** - If the lamp flashes continuously at ignition position 'II' the vehicle will remain immobilized. If the lamp is on continuously at ignition position 'II' the vehicle will start but PATS has gone into 'Fail Safe' mode (Refer to 'Passive Anti-Theft System (PATS)', page 2.14).



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

- 6 **CHECK ENGINE (AMBER)** - Steady amber indicates a fault in the engine management system. Continue driving only if there are no audible / visible / 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 LAMP (RED) - Illuminates when the ignition is on. Extinguishes when the engine is started and battery charging commences. Illuminates if battery charging fails whilst driving.

8



OIL PRESSURE WARNING LAMP (RED) - Illuminates when the engine oil pressure falls below minimum. Do not continue driving if this lamp remains illuminated. Contact your Aston Martin Dealer immediately.



Do not drive the vehicle if the SRS warning lamp remains on. Have the system checked by an Aston Martin Dealer.

9



SRS (SUPPLEMENTARY RESTRAINT SYSTEM) (RED) - At ignition positions 'I' and 'II' or on vehicle start up, this lamp illuminates for a few seconds as a readiness indicator. If it does not illuminate, 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 lamp remains on. Have the system checked by an Aston Martin Dealer.

- 10** **SEAT BELT WARNING (RED)** - This warning lamp will illuminate 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 / information message priority.



Warning
If the Brake Warning lamp remains illuminated, after fully releasing the parking brake, do not drive the vehicle. Have the system checked by an Aston Martin Dealer

- 12** **BRAKE WARNING (RED)** - At ignition position 'II' this lamp will illuminate when the parking brake is applied. It will go out when the parking brake is fully released. If the lamp remains on, after fully releasing the parking brake, it indicates that either the brake fluid level is low and / or that the brake pads require regular maintenance (Refer to 'Footbrake', page 5.4).

13



ABS WARNING LAMP (AMBER) - Indicates a concern in the ABS control circuits. Continue driving only if there are no audible / visible / physical indications of degraded brake performance. Consult your Aston Martin Dealer as soon as possible if this lamp remains illuminated.

14



TIRE PRESSURE (AMBER) - During vehicle start up, this lamp will illuminate, briefly, as a readiness indicator. It will illuminate again if tire pressure falls below specification (Refer to 'Tire Pressure Monitoring', page 4.22).

- 15**  **DYNAMIC STABILITY CONTROL** - When the Dynamic Stability Control (DSC) system is in 'Track' mode or OFF this icon will display as a warning that DSC is partly active or not active.

If, while DSC is active, the DSC icon stays illuminated or it illuminates 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 5.7).

- 16**  **RIGHT TURN DIRECTION INDICATORS (GREEN)** - Flashes with the indicator lamps or hazard warning lamps (Ignition at position 'II').
- 17**  **REAR FOG** - Indicates if the rear fog lamps are on.
- 18**  **HIGH COOLANT TEMP (RED)** - Indicates when engine coolant temperature exceeds 248°F (120°C).

Low Outside Temperature

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 illuminate.

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

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

Warning Lamp Indications

As the ignition is switched on, the electronic control units complete a self check to ensure correct operation. During these checks the following information and warning lamps will illuminate for 5 seconds and 'System Check' will appear on the message display (right).

Under normal circumstances most warning lamps will extinguish at the end of the individual system check if system checks are satisfactory.

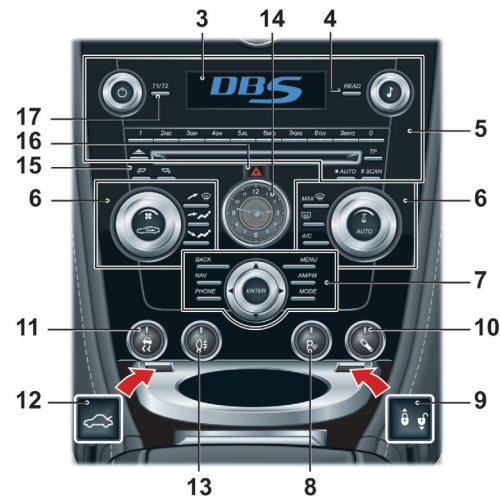
	Anti-Skid		Oil Pressure
	ABS		Fog light (rear)
	Battery charging		Seat Belt
	Brake		SRS
	Check engine		Tire Pressure
	Fuel		



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Centre Stack

- 1 **SATELLITE NAVIGATION SCREEN** - Opens when satellite navigation is activated (Refer to 'Satellite Navigation', page 9.1).
- 2 **START CONTROL** - Insert the vehicle key. When illuminated Red, press the vehicle key fully in to start the engine (Refer to 'Starting the Engine', page 5.2).
- 3 **DISPLAY** - Presents options, menus and information.
- 4 **READ** - Press to view / acknowledge messages.
- 5 **AUDIO CONTROLS** - (Refer to 'Audio', page 7.1).
- 6 **CLIMATE CONTROL** - (Refer to 'Climate Control', page 6.1).

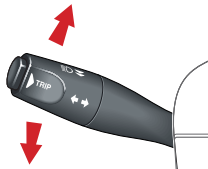


- | | | |
|--|---|---|
| <p>7 MODE AND MENU SELECTION - Select functions and move back in the menus. Use the joystick to navigate up / down / left / right for menus, music tracks, radio stations. Press to accept.</p> <p>8 PARKING ASSIST - Defaults to active at each ignition cycle. Press and release to activate / de-activate parking assist. Illuminates when parking assist is Off.
(Refer to 'Rear Parking Assist', page 5.12).
(Refer to 'Front and Rear Parking Assist (Option)', page 5.13).</p> <p>9 MASTER VEHICLE LOCK - Press to lock both doors and disable the trunk lock and the trunk open switch. Pull up to unlock. (Refer to 'Master Lock Switch', page 2.9).</p> | <p>10 ADAPTIVE DAMPING SYSTEM (ADS) - The Adaptive Damping System (ADS) defaults to 'Road' mode at each ignition cycle. Press to activate 'Track' mode (button illuminated) (Refer to 'Adaptive Damping', page 5.10).</p> <p>11 DYNAMIC STABILITY CONTROL (DSC) - Defaults to active at each ignition cycle. Press and hold for approximately two seconds for 'Track' mode. Press and hold for approximately four seconds to switch DSC Off. Press and release to activate DSC again (Refer to 'Dynamic Stability Control (DSC)', page 5.7).</p> <p>12 TRUNK OPEN - Pull up to open the trunk.</p> | <p>13 REAR FOG LAMPS - Used in conjunction with the dipped beam when fog / mist is causing restricted visibility. They must be switched off when visibility clears to reduce glare to the drivers of following vehicles.</p> <p>14 CLOCK - To set the time press MENU. Go to <i>Car settings</i> > <i>Clock</i>.</p> <p>15 READ LAMPS - Driver and passenger reading lamps.</p> <p>16 HAZARD WARNING LAMPS - Press to activate the hazard warning lamps. Press again to de-activate.</p> <p>17 T1 / T2 - Select between two trip meters (Refer to 'Ambient Temperature', page 4.22)</p> |
|--|---|---|

Stalk Controls

Left Hand 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 ignition key is inserted, to flash main beam on and off.

Pull forwards and release without latching, when the ignition key is removed, to activate Homesafe (Refer to 'Homesafe', page 2.13).

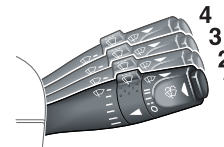
Trip Computer - Repeated pressing of the trip function button cycles through the trip computer displays. (Refer to 'Trip Computer', page 4.18).



Right Hand 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 RH stalk position.

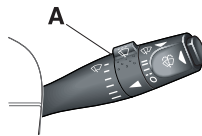
Speed Sensitive Wipe - If the wipers are at fast wipe, when the vehicle slows down (below 7 m.p.h. (11 km/h)) the wipers will go to normal wipe speed.

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

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

Windshield Wiper Delay Control -

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



Windshield Washer Control - Press 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.

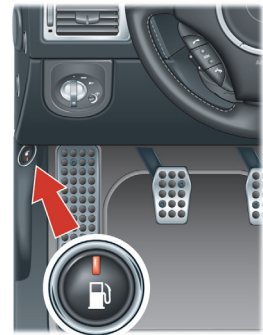
Headlamp Washers - Headlamp washers will operate automatically, once per journey (each ignition cycle), if the windshield washers are operated and the headlamps are on.



Fuel Flap Switch

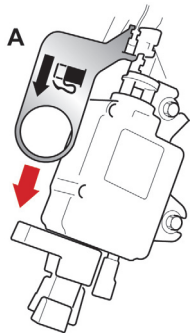
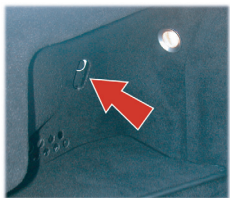
Press to open the fuel flap.

Close the fuel flap by pressing down on the flap until the lock engages.



Filler Flap Emergency Release

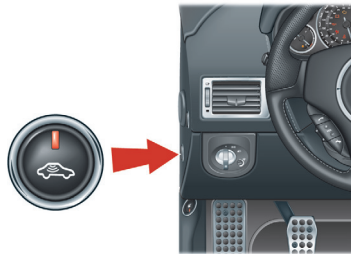
If the filler flap will not open when the release switch is pressed, open the filler flap manually. Reach through the LH trunk trim to access the manual fuel filler flap release. Pull the lever (A) to open the filler flap.



Reduced Guard Switch

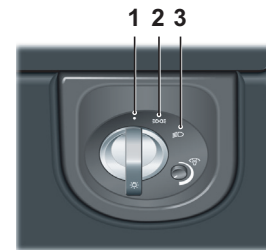
The reduced guard switch disables the deadlock system and allows for passengers or animals to be left in the vehicle without activating the security system.

With the vehicle key in ignition position 'O' or 'I' or within 60 seconds of removing the vehicle key the reduced guard switch can be activated. The switch lamp will show red when reduced guard is active (Refer to 'Reduced Guard', page 2.14).



Master Lamp Switch

- 1 All external lamps off.
- 2 Side lamps, side marker lamps, rear lamps and licence plate lamps on.
- 3 Headlamps on, in addition to the side, side marker, rear and licence plate lamps.



If Homesafe (Refer to 'Homesafe', page 2.13) has been activated with the master lamp switch at position three (headlamps on), the main beam will remain on. Ensure the master lamp switch is at position 1 before exiting.

Lights On Warning

If the vehicle side lights or headlamps are on and the drivers door is opened a warning buzzer will sound. The buzzer will sound for a period of five minutes.

To stop the buzzer switch the lights off.

The buzzer will also stop when the driver's door is shut -the lights will still be on.

Day Time Running Lamps

(Canada Only)

The dipped beams and side lamps are permanently on.

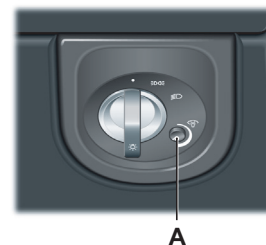
Headlamp Levelling

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 Cluster Illumination

The level of instrument illumination can be adjusted using the rotary control (A). 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.



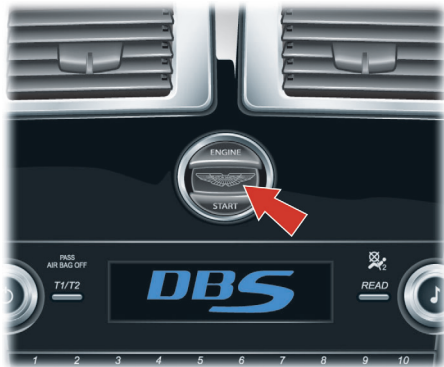
Vehicle Horn

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



Start Control

To access vehicle functions the vehicle key must be inserted in to the Start Control.

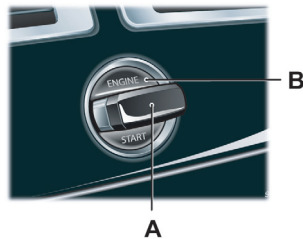


Ignition Position 'O'

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

Gently insert the vehicle key up to and just passed a resistance (approximately 3/4 in (20 mm) (A)) then release. The vehicle key will sit approximately 3/4 in (20 mm) proud of the Start Control bezel (B).

Remove by pulling the vehicle key from the Start Control.



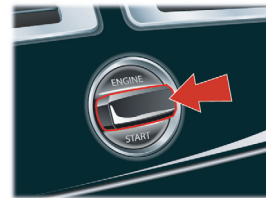
Ignition Position 'I'

Auxiliaries on (Audio, Satellite Navigation, Hands-free phone available), steering lock engaged.

Insert the vehicle key and gently push down until the Infotainment centre lights up (approximately 1 1/4 in (30 mm) and release.

If in ignition position 'O' press a further 3/8 in (10 mm) and release. The vehicle key will return to sit approximately 3/4 in (20 mm) proud of the Start Control bezel.

Remove by pulling the vehicle key from the Start Control.

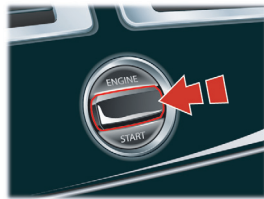


Ignition Position 'II'

Ignition and all other electrical systems on, steering lock off.

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

Insert the vehicle key into the Start Control and gently press the key until it is flush with the Start Control bezel.



An audible click will be heard when the key has entered ignition position 'II'.



When released the key will sit flush with the Start Control bezel. The Instrument pack will light up and the steering lock will release.

To crank the engine from this position press the key fully in while depressing the clutch pedal (Refer to 'Starting the Engine', page 5.2).

Remove the vehicle key from ignition position 'II' by pressing the key fully in, without depressing the clutch pedal, and releasing. The key will gently return to position 'I'. Once in ignition position 'I' after 10 seconds the steering lock will engage.

Pull the key from the Start Control.

If the key is inserted fully into the Start Control and released to enter ignition position 'II' the engine will not crank when the key is pressed fully in (with the clutch pedal depressed) again. To crank the engine from this position release the key to ignition position 'I', press the clutch pedal and press the key fully in to the Start Control again (Refer to 'Starting the Engine', page 5.2).

Starting the Engine

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

Preventing Unnecessary Battery Drain

Some vehicle circuits remain active when the ignition is switched off (ignition position 'O') and the vehicle key remains in the Start Control. If the vehicle key is left in the Start Control, 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 'Battery Charge', page 10.32).



Trip Computer

Pressing (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 to return to the trip display.

Range - Estimated range on remaining fuel (no reset). The minimum distance displayed will read 15 mile (20 km). Below this distance will show '---'.

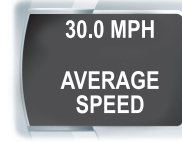


Average Fuel - Average fuel consumption since last reset. Press (A) for more than three seconds but less than five seconds to reset. Press (A) for five seconds or more will reset both the average fuel consumption and average speed. 'Infocenter is Reset' will be displayed in the message centre right.

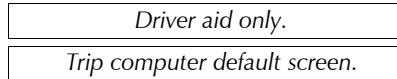
Instantaneous Fuel - Indicates the fuel consumption over the last three seconds of travel (no reset).



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.



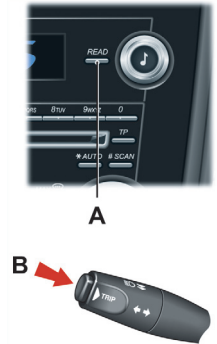
Present Speed - Indicates the present vehicle speed.



Blank Screen - Blank screen will show.

Display Units

With the ignition at position 'II' press **READ** (A) and the Trip computer control (B) 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 m.p.h. (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 / decelerate.
- 3 **ON / OFF** - Switches cruise control On / Off.
- 4 **CAN** - Cancels cruise control but retains the set speed in memory.

Cruise Control On /Off

Use the 'On / Off' switch (3) to activate / deactivate cruise control. Under certain conditions cruise control will automatically switch off (Refer to 'Cruise Control Automatic Switch Off', page 4.21). When cruise control is active 'Cruise' will show in the message display (left) (Refer to 'Instrument Cluster', page 4.3).

Setting Vehicle Speed

⚠ Warning ⚠

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

When travelling at the desired speed, which must be above 22 m.p.h. (35 km/h), press the **SET (+ or -)** button (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 m.p.h. (35 km/h).

Changing the Set Speed

There are three ways to change the set speed:

1. Accelerate or decelerate to the desired speed then press **SET (+ or -)**.
2. Increase or decrease the speed by pressing and holding either **SET '+'** or **SET '-'** until the desired speed is obtained, then release the switch.
3. Increase or decrease the speed in steps of 1 m.p.h. (2 km/h) by briefly pressing either **SET '+'** or **SET '-'** 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.

*Cruise control will not resume at speeds below 22 m.p.h. (35 km/h). **RES** will not operate if the ignition has been turned off.*

'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 Automatic Switch Off

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

- The ignition is switched to position 'O'
- 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 remain in the memory when:

- The **CAN** button is pressed
- The brake pedal is pressed
- Vehicle speed falls below 22 m.p.h. (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 m.p.h. (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 RH corner of the Infotainment centre display.

If the vehicle has been travelling a while and then is stopped in a shaded / 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 6.9)

Tire Pressure Monitoring



Tire pressure sensing is not intended to replace driver awareness of tire performance or the need for recommended weekly checks on tire condition and pressure.

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label (if your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires).

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS) that illuminates a low tire pressure telltale ('Warning lamp' (Refer to 'Tire Pressure (Amber)', page 4.7) when one or more of your tires is significantly under-inflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure.

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.

Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure warning lamp.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale (A).



When the system detects a malfunction, the warning lamp will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.

When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly.

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

Operation

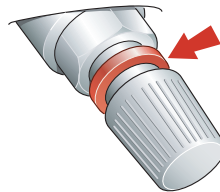
The system consists of a control unit (A), mounted in the passenger footwell, and tire pressure sensors, one located in each road wheel. Each pressure sensor constantly monitors its tire pressure and sends this information to the control unit.



The control unit has a system LED to indicate the system status, and one status LED per road wheel.

The control unit road wheel status LED's are color coded to the colored collars on the road wheel valves.

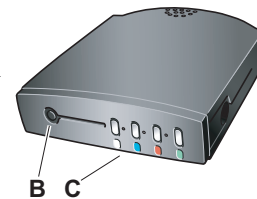
Each pressure monitoring device has a color coded collar. Ensure the colored collars are installed correctly, i.e. after new tires are installed.



Roadwheel	Color
Front Right	Green
Front Left	Red
Rear Right	Blue
Rear Left	Yellow

At the start of each journey, with the ignition key at position 'II' or with the engine running, the low tire pressure warning lamp will illuminate for approximately five seconds and then extinguish.

The control unit LEDs (B (System Status)) and C (Tire Status)) will flash amber continuously. Once a speed of 6 m.p.h. (10 km/h) has been reached the LEDs start to receive signals from the pressure monitoring devices in the roadwheels. The system status LED will change to steady green and the tire LEDs (B) will extinguish one by one.



The control unit remains active until the vehicle has come to a halt and the ignition turned to position 'I'.

Warnings



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

If stationary for 20 minutes or more (engine running or ignition key at position 'II') the tire pressure warning lamp will illuminate and 'Tire System Fault' will show in the RH message centre. If, after moving off (allow 3-4 minutes driving (max. 20 minutes)), the lamp and message do not clear then the system may be at fault. Stop and check the system.

If the tire warning lamp illuminates while driving, reduce speed to 30 m.p.h. (48 km/h) and stop in safe place as soon as possible. Do not stop the engine.

A warning message will also show in the RH message centre indicating a tire fault or a system fault.

Ensuring that neutral has been selected and that the **parking brake** is applied, check the status of the control unit LED's. After noting the control unit LED's status stop the engine and follow the actions listed in the following tables.

Warning Lamp	Constant.
RH Message Centre	Check Tires.
Control module	Control module LED constant green . Tire LED(s) constant red .
Fault	Tire pressure below specification.

Action

Check the tire pressure of the affected tire(s), indicated by the tire LED's on the control unit. Reinflate the affected tire(s). After inflating the tire(s) to the manufacturer's recommended inflation pressure as shown on the Tire Label (located on the edge of driver's door or the B-Pillar), the vehicle must be driven for at least five minutes over 20 m.p.h. (32 km/h) before the Warning lamp extinguishes.

Warning Lamp	Flashing for 75 seconds then constant.
RH Message Centre	Tire System Fault.
Control module	Control module LED flashing amber . Tire LED(s) constant amber .
Fault	Tire transmitter fault.
Possible Cause	
Wheels and tires have been installed which do not have TPMS sensors	

Action

Continue at a reduced speed of 30 m.p.h. (48 km/h) maximum. Have the TPMS checked at the earliest opportunity. Consult your Aston Martin Dealer.

Warning Lamp	Flashing for 75 seconds then constant.
RH Message Centre	Tire System Fault.
Control module	Control module LED constant Red .
Fault	System failure.
Possible Cause	
- The TPMS sensors have become defective - An unapproved accessory is interfering with the TPMS - A general fault has been detected in the TPMS	

Action

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

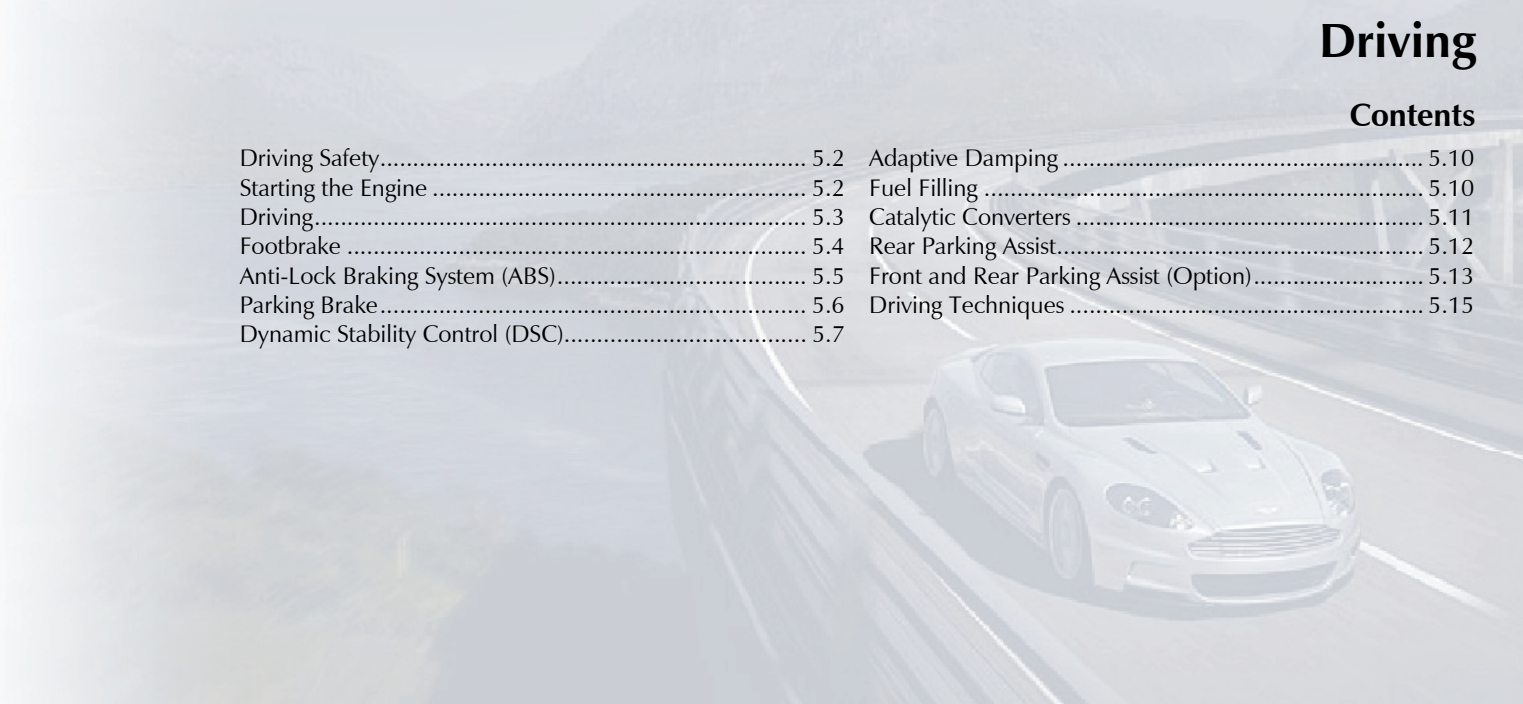


ASTON MARTIN

Driving

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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

1. Check that the parking brake is applied.
2. De-press the clutch pedal.
3. Insert the vehicle key into the Start Control and push fully down, the Start Control will show red. Hold down until the engine starts then release.

The Start Control will illuminate red (Start Control active) only if the clutch pedal is de-pressed. The engine will not start until the Start Control illuminates red.



When moving straight to engine start there will be a small delay before the engine cranks while the steering lock disengages.

The vehicle key will sit flush with the Start Control bezel while the engine is running. The Start 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 (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 ignition position '1'. Press the key fully in, without depressing the clutch pedal, and release. The key will gently return to position '1'. Start the engine start procedure again.

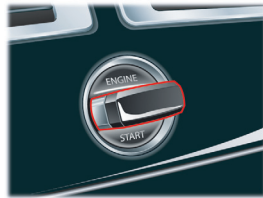
Starting From Cold

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

Stopping the Engine

Press the vehicle key fully in, hold in until the engine stops and release.

The vehicle key will return to ignition position 'I'. Withdraw the vehicle key from the Start Control.



Driving

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 when the transmission is in reverse.



To inform the driver that the current gear has reached its upper rev. limit the GPID will indicate revs increasing. To avoid hitting the rev. limiter shift gear before the GPID fully illuminates or as it fully illuminates.



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 r.p.m. 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).

Vacuum boost is only available while the engine is running.

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 car wash, the braking action may be delayed and increased braking pressure may be required.

Ceramic Brake Rotor's and Pads

Carbon Ceramic Brake systems combine low weight with high performance, offering:

- Reduced unsprung weight (mass of components not supported by the suspension) - improving vehicle handling
- Improved rate of wear characteristics

Rate of wear of the brake pads and rotor's will depend on driving style and usage conditions. Track day usage will increase the rate of wear of rotor's and pads.

- Improved braking performance

Brake Warnings

While driving, if the brake warning lamp  illuminates, 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, and ensure that the parking brake is fully released. If the parking brake is fully released and the lamp remains 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.



If the brake warning lamp illuminates, 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 also 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 remains 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



If the ABS warning lamp illuminates, 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 switched on. If a fault is detected, the ABS warning lamp  will illuminate 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:

1. Press the footbrake pedal firmly.
2. While pressing the footbrake pedal, 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.
3. Release the button and allow the parking brake lever to lower.

If the ignition is on the parking brake warning light on the instrument cluster will illuminate, indicating that the parking brake is applied.

**To release the parking brake:**

1. Press the footbrake pedal firmly.
 2. While pressing the footbrake pedal, pull the parking brake lever up until resistance is felt, then depress the release button and push the parking brake lever down.
- If the parking brake lever is not fully off, the parking brake warning light  will stay on.



	Dynamic Stability Control (DSC)	
Always check that the brake warning lamp is correctly extinguished before moving off. Do not attempt to drive the vehicle if the brake warning lamp remains on. <i>An audible warning will sound if the vehicle is moving and the parking brake is still applied.</i> • 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.	⚠ Warning ⚠ <i>It is the drivers responsibility to drive safely according to the law and with due regard to prevailing conditions.</i> ⚠ Warning ⚠ <i>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.</i> 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.	DSC has three modes of operation: On - The DSC system defaults 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  icon, on the instrument cluster, will flash. 

Track Mode - Press and hold the DSC button for two seconds. 'DSC TRACK MODE' will be displayed in the

Message Centre (Right) and the  icon will show, constantly, in the instrument cluster. This raises the thresholds at which the DSC system intervenes. While the

DSC system intervenes the  icon will flash.

Off - Press and hold the DSC button for four seconds. 'DSC FUNCTION OFF' will be displayed in the Message Centre

(Right) and the  icon will show in the instrument cluster.

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

The DSC button lamp and the DSC symbol (instrument cluster) will illuminate continuously when the system is switched to 'Track' mode or Off. 

At any time while in 'Track' mode or Off, press and release the DSC button to activate DSC.

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 system 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 system may not operate correctly because there is a sensor in the steering which detects steering wheel position.

Fault Indication

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

- The DSC lamp in the instrument cluster will illuminate continuously
- A warning message will be displayed in the message centre right depending on the fault detected

Traction Control

Warning

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

Warning

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.

Warning

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

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.

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

During activation, the DSC warning lamp 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 lamp is extinguished.

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 catalysts to overheat. Overheating of the exhaust catalysts can destroy them.

Traction control is always operational when DSC 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 to activate 'Track' mode, which provides damping characteristics actively optimised for smooth, track conditions.

While driving move to Road (button not illuminated) or Track (button illuminated) mode by pressing and releasing the ADS button.

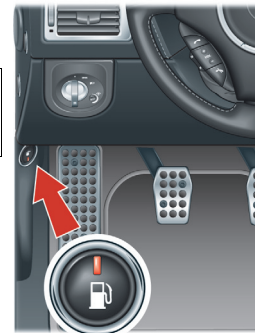
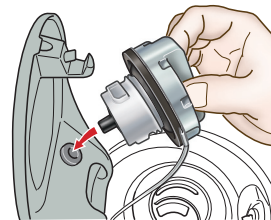


Fuel Filling

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

The vehicle alarm must be off to enable the fuel flap release switch.

Rotate the cap anti-clockwise 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.

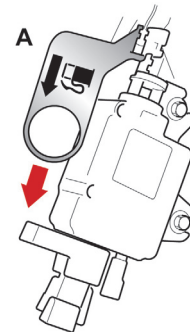
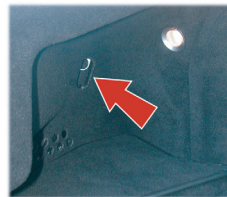
The fuel system will not permit overfill but there will be instances when the nozzle will shut off prematurely. If this happens wait five seconds after nozzle shut off before trying to re-initiate fill.

Fuel Cut-Off

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

Filler Flap Emergency Release

If the filler flap will not open when the release switch is pressed, open the filler flap manually (Refer to 'Filler Flap Emergency Release', page 4.14).



Catalytic Converters

⚠ Warning ⚠

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

⚠ Warning ⚠

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 turning off the engine.

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



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

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.

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

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

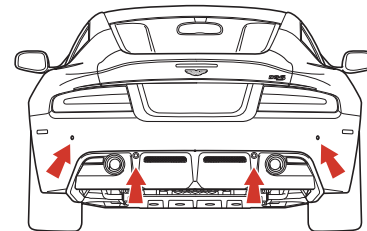
Press the parking assist button to disable rear parking assist. The rear parking assist button will illuminate when the system is disabled.



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



Front and Rear Parking Assist (Option)

It remains the driver's responsibility to detect obstacles and estimate the car'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.

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

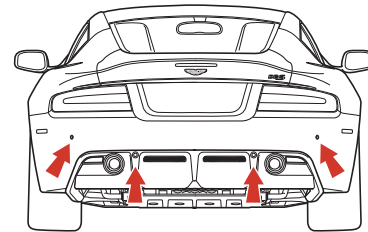
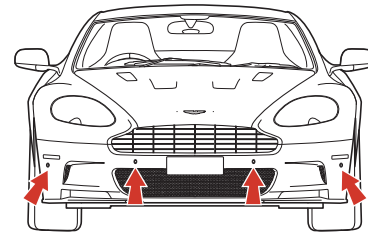
If, for example, you are driving within a confined space such as a home garage, the outer sensors will detect the side walls and after three seconds will switch the tone off. However, as movement continues, the inner sensors will eventually detect the rear wall and will start the tone again.

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.

Do not clean the sensors with abrasive or sharp objects.

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 8 inches (200 mm). Do not clean the sensors with abrasive materials.



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 switch is pressed at speeds below 9 m.p.h (15 km/h).

The system will switch off when the vehicle moves forwards above 9 m.p.h. (15 km/h).



The parking switch LED will illuminate when the system is turned on. The LED will blink 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 on the ignition, then a single three second tone will be heard (only once per ignition cycle) and the parking assist switch LED will blink. The system is automatically disabled when a fault is detected.

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

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 system consists of inner and outer sensors.

When maneuvering 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.

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

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 ensure 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.

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.

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.

When driving through water, traction or brake capability may be limited. Once through the water, always dry the brakes by driving slowly while applying light pressure on the brake pedal.

Running-In

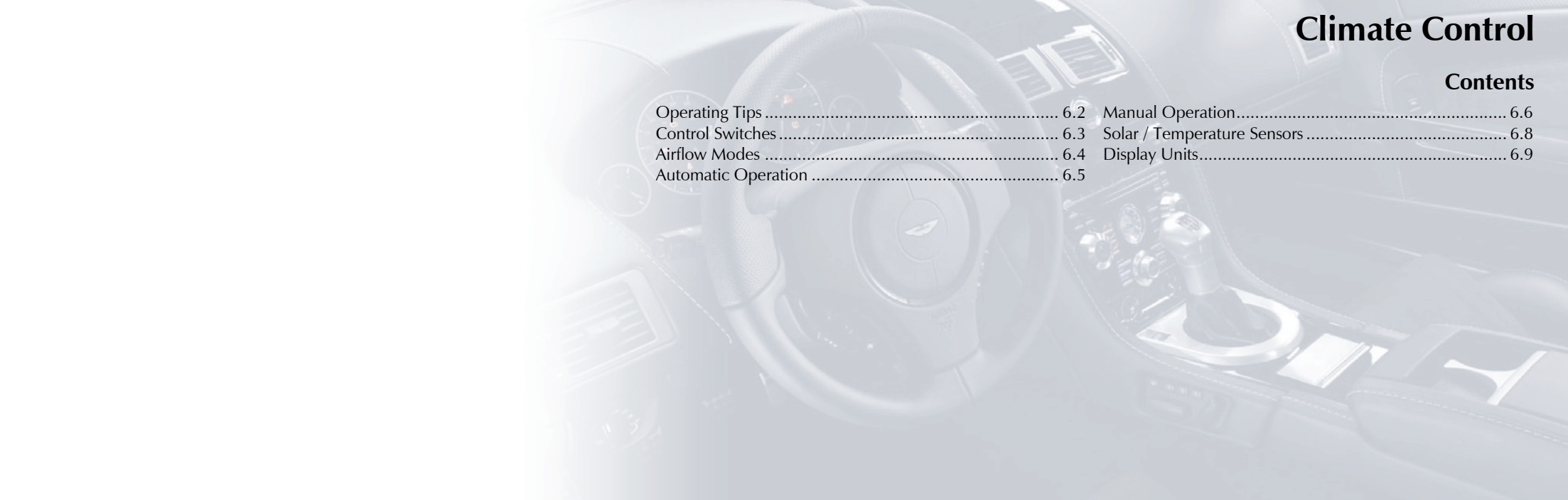
This vehicle is fully hot tested during manufacture and no special running-in procedures are necessary. Nevertheless it is prudent to limit engine loads (e.g. by accelerating gently and by using lower gears on steep hills or when negotiating tight turns) during the first 1,000 mile (1,600 km).



ASTON MARTIN



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Climate Control

Contents

Operating Tips	6.2	Manual Operation.....	6.6
Control Switches	6.3	Solar / Temperature Sensors	6.8
Airflow Modes	6.4	Display Units.....	6.9
Automatic Operation	6.5		

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 ensure 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 / 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 / demist. Outside air intake is automatically selected and air conditioning is automatically started. Recirculated air cannot be selected. Will cease automatically after two minutes.
- 3 **TEMPERATURE** - Set the required in vehicle temperature. Turn clockwise for hot and anticlockwise for cold. The selected temperature is shown on the **DISPLAY**.
- 4 **AUTO** - Press for automatic climate control operation (Refer to 'Automatic Operation', page 6.5).
- 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 re-circulated air (button illuminates). Press again to select outside air as source. Use the re-circulated 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 re-circulated air in cold or rainy weather, it may cause the glass to mist up.

- 8 FAN SPEED** - Turn the fan speed dial to set the required fan speed (clockwise for fast speed and anticlockwise for low speed). The fan speed is displayed on the **DISPLAY**.
- 9 AIRFLOW** - Select the required airflow. The selected air flow mode is shown on the **DISPLAY** (Refer to 'Airflow Modes', page 6.4).

Air conditioning may not function when the outside temperature approaches 32°F (0°C). (Indicator remains on even when system is off.)

Airflow Modes

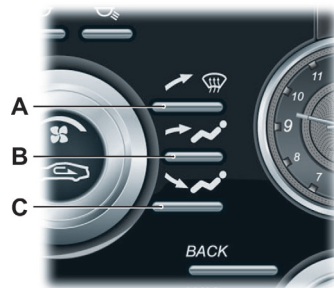
Press and release each button to activate / deactivate an airflow mode. By pressing one or more buttons at a time, seven airflow modes are available.

Mode	Button(s)
1 Windshield and Door Windows_a	A
2 Face Only_b	B
3 Feet Only_c	C
4 Windshield, Door Windows and Face	A+B
5 Windshield, Door Windows and Feet_d	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 into the footwell.
- _{c.} In addition a small bleed of air is directed to the face vents, the windshield and door windows.
- _{d.} In addition a small bleed of air is directed into the face vents.

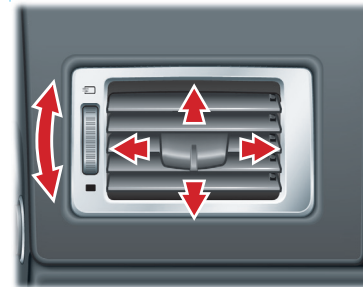
Mode	Button(s)
6 Face and Feet ^a	B+C
7 Windshield, Door Windows, Face and Feet	A+B+C

^a. In addition a small bleed of air is directed to the windshield and door windows.



Adjusting the Vents

To adjust the air flow vents:



Automatic Operation

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.

1. Press **AUTO**.
2. Using the **TEMPERATURE** dial set the required in-vehicle temperature (read the actual temperature setting in the top left hand of the **DISPLAY**). The **A/C** button lamp will illuminate.

Adjustments to fan speed, air flow and air recirculation will be made automatically according to the set temperature and interior / exterior conditions.

If resetting climate control functions other than the fan speed, the fan speed will remain set as in automatic mode. Adjustments to the fan speed will cancel Auto Mode.

Defrost / Demist

To defrost or demist the windshield on vehicle start up in extreme cold weather conditions, run the engine at 1500 r.p.m. Always ensure that Neutral is selected and the parking brake is applied.

1. Press **AUTO** (Air Conditioning will start).
2. Press **MAX** .

If the engine is cold the fan speed will be low for a few minutes until the engine warms up, then the fan speed will increase.

*With **MAX**  pressed, the outside air intake is automatically selected and air conditioning is automatically started. Recirculated air cannot be selected.*

3. Adjust the in-vehicle temperature accordingly.

To cancel Automatic defrost or demist either:

- Press **MAX**  again
- Press **AUTO**

MAX  will cease automatically after two minutes.

Manual Operation

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.

Heating / Cooling

1. Set the required fan speed.
2. Set the required temperature.
3. Select the required air flow.

The vehicle heater will continue to produce the selected temperature regardless of in-vehicle conditions.

4. If dehumidifying is required, press the **A/C** button (the button lamp will illuminate).

When maximum cooling is required, set the **TEMPERATURE** dial to the extreme cold position and press the **AIR CIRCULATION** button to the recirculated air position () will show in the **DISPLAY**, then set a fast fan speed.

5. To cease dehumidifying press **A/C** button (the button lamp will switch off).

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.

Defrost / Demist

Warning

Using MAX  with the temperature set at cold may cause the inside of the windshield to mist up. Set the temperature to hot or warm position when using the MAX  position.

To defrost or demist the windshield on vehicle start up in extreme cold weather conditions, ensure neutral is selected and run the engine at 1500 r.p.m. Always ensure that Neutral is selected and the parking brake is applied.

1. Press **MAX**  (Air Conditioning will start).

With **MAX**  selected, the outside air intake is automatically selected and air conditioning is automatically started. Recirculated air cannot be selected.

If the engine is cold the fan speed will be low for a few minutes until the engine warms up, then the fan speed will increase.

2. Set the required temperature and fan speed.

For maximum defrost or demist set the temperature and fan speed dials to maximum.

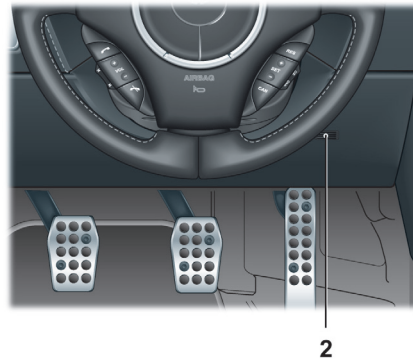
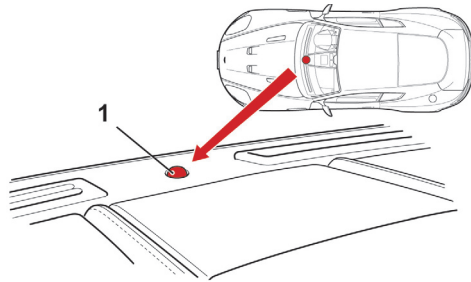
To stop defrost or demist press the **MAX**  button again. Set the climate controls to reach the required in vehicle conditions.

MAX  will cease automatically after two minutes.

Solar / Temperature Sensors

The automatic air conditioner function measures inside and outside temperatures, and sunlight. It then sets temperatures inside the passenger compartment accordingly. To ensure effective operation do not obscure the following sensors.

- 1 Solar sensor.
- 2 In-vehicle temperature sensor.



Display Units

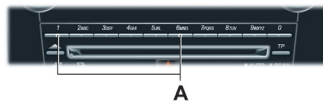
To change the display units from °C to °F or °F to °C.

Press and hold in buttons

1 and 6 (A). Insert the
vehicle key in the Start

Control and move to

ignition position 'II', then release the two buttons.



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Audio

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Introduction

Audio is an integrated part of the Infotainment system along with vehicle Hands-Free phone and Satellite Navigation functions. The infotainment system can be used easily and conveniently using the common control panel. The control panel display indicates the present function.

Audio System

Radio - AM / FM radio. 10 AM and 20 FM presets are available.

CD - Six CD autochanger.

iPod - Connection point.

USB Device - Connection point.

Auxiliary Input - Connection point.

Speakers - Two door-mounted 100W speakers, each with mid-range and tweeter units. Two rear environment 100W speakers (each with mid-range and tweeter units). 100W centre-fill speaker. 200W subwoofer housed under the rear environment LH seat.

Power Output - 700W.

Dolby Pro-Logic II

Satellite Radio (Option)

The Sirius satellite system consists of a number of high elevation satellites in geosynchronous orbit.

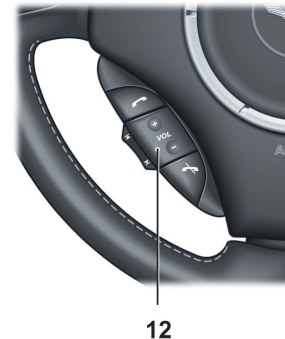
The digital signals from the Sirius satellites are line-of-sight, which means that physical obstructions such as bridges, tunnels, etc., may temporarily interfere with signal reception.

Audio Essentials

Includes audio on/off, how to navigate through the menus and sound settings.

- 1 ON/OFF** - Press for audio On / Off.
- 2 VOLUME** - Volume control.
- 3 DISPLAY** - Presents options, menus and information.
- 4 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.
- 5 TUNING** - Rotate to navigate through menu options.
- 6 MENU** - Opens the main menu.
- 7 AM/FM** - Press to select radio as audio source.
- 8 MODE** - Press repeatedly to select audio source.
- 9 ENTER** - Select in the menu, activate a selection.

iPod is a trademark of Apple Inc.



10 JOYSTICK -

Left/Right - Set Equalizer levels.

Up/Down - Navigate up / down in the menus.

11 BACK - Press to move back one action. Press and hold to move back to the default screen.

Steering Wheel Controls

12 VOLUME - Volume control.

Operation

The audio system is available with the vehicle key at least in position 'I' and remains active until the vehicle key is removed from the Start Control.

If the audio system is On when the ignition is switched off and the vehicle key removed, it will reactivate automatically the next time the ignition is moved to position 'I'.

*The **JOYSTICK**, **ENTER** and **BACK** will not operate if Satellite Navigation is active (**NAV** button illuminated) press the **NAV** button to de-activate Satellite Navigation or press **MENU**, **AM/FM** or **MODE** to access these controls.*

Sound Source

To select radio, at any time while the audio system is active, press the **AM/FM** button repeatedly to navigate between the radio frequencies.

To select other audio sound sources (CD, iPod, USB, AUX, SAT 1/2), at any time while the audio system is active, 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' (engine 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 10.36).

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.

Menus

The audio menu is only available when audio is active. Press **ON/OFF** to activate. Press **MENU** to access the main menu. The menu for the active audio source (i.e. radio) will be available.

Search path

Menu paths are indicated for each operation in the following format:

FM Menu... >(ENTER)> PTY... >(ENTER)> Show PTY >(ENTER)

The menu selection is followed by a '>' symbol which indicates the next step.

Using the menu:

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.

- Press the **JOYSTICK** up / down to navigate¹
- Press **BACK** to cancel, decline an option, or go back one step in the menu structure
- Press and hold **BACK** to cancel, decline an option, and go back to the main screen
- Press **ENTER** or **SOUND** to confirm, select or navigate from one submenu to the next submenu

- Use the **KEYPAD** numbers as menu short-cuts. Press the number corresponding to the menu number.

Several menu options will require a cross in a box **X** 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.

¹. The **TUNING** dial can also be used.

Selecting a Sound Setting

1. Press and hold **SOUND** to enter sound setting mode.
Then press repeatedly until the required sound setting is shown on the display.

2. 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.

Sound Setting	Shown on the <i>DISPLAY</i>
Bass	Bass
Treble	Treble
Balance between the front and rear speakers	Fader
Balance between the left and right hand speakers	Balance
Level for subwoofer	Subwoofer
Level for centre speaker	Centre
Level for surround sound	Surround

Setting the Surround Sound

1. Press **MENU**.
2. Navigate to Sound Source Menu (AM, FM, CD, iPod, AUX or SAT 1 / 2)...>(ENTER)> *Audio Settings...* >(ENTER)> *Surround* (AM, FM, CD, iPod, AUX or SAT 1 / 2)...>(ENTER)> Select *Dolby Pro-Logic II*, *3 Channel* or *Off* >(ENTER).
3. Press and hold **BACK** to return to the main display.

Dolby Pro-Logic II is not available in Radio mode.

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.

Equalizer

Fine adjustment of the sound from the speakers:

1. Press **MENU**.
2. Navigate to the sound source menu (AM, FM, CD, iPod, AUX or SAT 1 / 2)... >(ENTER)> *Audio Settings...* >(ENTER)> *Equalizer...* >(ENTER).
3. Move the **JOYSTICK** left / right to set the level. Use the **JOYSTICK** up / down to select the next frequency. Five frequencies can be adjusted.
4. Press **ENTER** to save any changes and exit. Press **BACK** to exit without saving any changes.

Resetting

Resets all sound settings to the original factory settings.

1. Press **MENU**.
2. Navigate to sound source menu (AM, FM, CD, iPod, AUX or SAT 1 / 2)... >(ENTER)> *Audio settings...* >(ENTER)> *Reset all...* >(ENTER).
3. Press **ENTER** again to confirm.

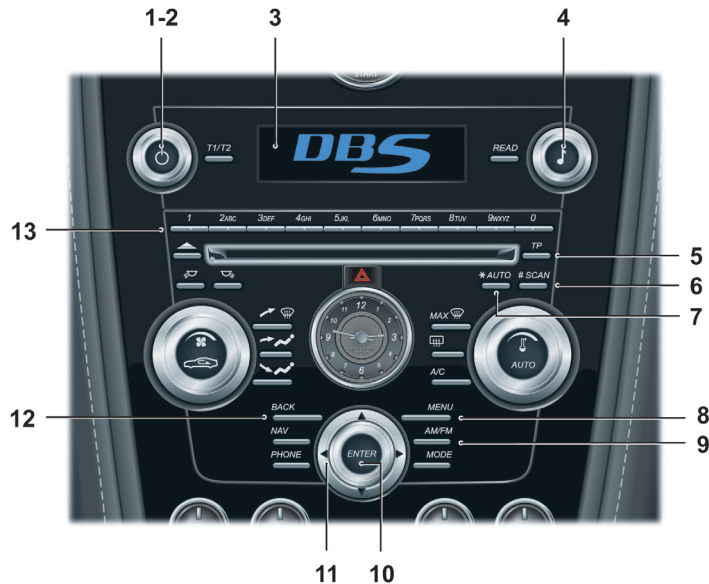
Volume Control

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.

1. Press **MENU**.
2. Navigate to sound source menu (AM, FM, CD, iPod, AUX or SAT 1 / 2)... >(ENTER)> *Audio settings...* >(ENTER)> *Auto. volume control* > Select *Low, Medium or High* >(ENTER).

Radio Functions

- 1 **ON/OFF** - Audio On / Off.
- 2 **VOLUME** - Volume control.
- 3 **DISPLAY** - Presents options, menus and information.
- 4 **TUNING** - Rotate to manually search stations or navigate up / down 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 -

Left / Right - Press left or right to auto search the next station. Press and hold left or right to manually select a station.

Up / Down - Navigate up / down 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 short-cuts.

Steering Wheel Controls

14 VOLUME - Volume control.

15 SCROLL - Navigate up / down through the preset radio stations.

Automatic Tuning

1. Select FM1, FM2 or AM using the **AM/FM** button.
2. Press the **JOYSTICK** left / right to search for the next strong station.
3. Press left / 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 / 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:

1. Tune to the desired station.
2. 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**.
3. Select a stored station by either pressing a **KEYPAD** (0 to 9) button or use the **SCROLL** button to scroll up or down the station list.

Autostoring Stations

Up to ten AM or FM stations can be automatically tuned and stored in a separate memory.

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.

1. Select FM1, FM2 or AM using the **AM/FM** button.
2. Start the search by pressing and holding **AUTO** (more than two seconds).
'Autostoring.' appears on the display and a number of strong stations (max. 10) 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**.

The stations are stored on the **KEYPAD** (buttons 0-9). When the radio is in autostore mode, 'Auto' 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 up or down 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.

1. Select FM or AM with the **AM/FM** button.
2. Press **SCAN**. 'Scan' appears on the **DISPLAY** and each found station will play for approximately 8 seconds.
3. 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.

Activating / Deactivating PTY

1. Press **MENU**.
2. 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

1. Press **MENU**.
2. Navigate to *FM Menu...* >(ENTER)> *PTY...* >(ENTER)> *PTY...* >(ENTER).
3. Press **ENTER** for one or more of the listed programme types.

The PTY symbol on the **DISPLAY** lights 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

1. Press **MENU**.
2. 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.

Resetting Radio Functions

Resets all radio settings to the original factory settings.

1. Press **MENU**.
2. Navigate to *FM Menu...* >(ENTER)> *Advanced radio settings...* >(ENTER)> *Reset all...* >(ENTER).
3. Press **ENTER** again to confirm.

Radio Menu

(1)FM Menu...

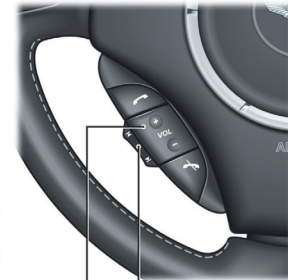
- (1)PTY...
 - (1)Select PTY...
 - (1)Search PTY
 - (2)Clear all PTY...
- (2)Show PTY
- (2)Audio Settings...
 - (1)Surround FM...
 - (2)Equalizer...
 - (3)Auto. volume control
 - (4)Reset all...

(1)AM Menu...

- (1)Audio Settings...
- (2)Surround AM...
- (3)Equalizer...
- (4)Auto. volume control
- (5)Reset all...

Satellite Radio Functions

- 1 **ON/OFF** - Press for audio On / 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 up / down 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 SAT1 or SAT2.



- 11 ENTER** - Select in the menu, activate a selection.
- 12 JOYSTICK** -
- Left / Right** - Press left or right once to move to the next or previous station.
 - Up / Down** - Navigate up / down 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 VOLUME** - Volume control.
- 15 SCROLL** - Navigate up / down the channel list.

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:

1. Press **MENU**.
2. Navigate to *SIRIUS menu...* >(ENTER)> *Advanced SIRIUS settings...* >(ENTER)> *SIRIUS ID* >(ENTER).

Selecting Satellite Radio Mode

1. Press **ON/OFF** to switch on the audio system.
2. Press **MODE** repeatedly to select SAT 1 or 2.

Activating Satellite Radio

1. 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.
2. 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

1. With Audio active, press the **MODE** button repeatedly to select SAT 1 or 2.
2. Press **ENTER** to access song category menu.
3. Use the **JOYSTICK** up / down to navigate through the list of categories. Press **ENTER** to select a category.
4. Use the **JOYSTICK** left / 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 / 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:

1. Press **MENU**.
2. Navigate to *SIRIUS menu...* >(ENTER)> *Direct channel entry* >(ENTER).
3. 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 7.18).

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 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 / deactivate the song seek function:

1. Press **MENU**.

2. Navigate to *SIRIUS menu...* >(ENTER)> *Song seek* >(ENTER). When the song has ended, the radio will remain tuned to the channel on which the song was played.

Song Memory

Up to ten songs can be saved in the system's memory.

1. When the song is playing press **MENU**.
2. 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

1. Press **MENU**.
2. Navigate to *Sirius menu...* >(ENTER)> *Advanced SIRIUS settings...* >(ENTER)> *Song memory* >(ENTER).
3. Scroll through the song list using the **JOYSTICK** up / down₁. Press the **TUNING** dial twice to delete the song if required.

₁. The **TUNING** dial can also be used.

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

1. Press **MENU**.
2. Navigate to *Sirius menu...* >(ENTER)> *Advanced SIRIUS settings...* >(ENTER)> *Skip options* >(ENTER)> *Channel Skip List* >(ENTER).
3. Select a category in the list and press **ENTER**.
4. 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.

1. Press **MENU**.

2. Navigate to *Sirius menu...* >(ENTER)> *Advanced SIRIUS settings...* >(ENTER)> *Skip options* >(ENTER)> *Channel Unskip all channels* >(ENTER).

Temporally Unskip all Ch.

This function will temporarily unskip all channels and make them available for selection. The channels remain on the skip list and will again be skipped the next time the ignition is switched on.

1. Press **MENU**.
2. Navigate to *Sirius menu...* >(ENTER)> *Advanced SIRIUS settings...* >(ENTER)> *Skip options* >(ENTER)> *Temporally 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

1. Press **MENU**.
2. Select *SIRIUS menu...* >(ENTER)> *Lock Options* >(ENTER)> *Channel Lock List* >(ENTER).
3. Enter the channel access code¹ and press **ENTER**.
4. Select a category in the list and press **ENTER**.
5. Lock channels in the list presented by pressing **ENTER**.

¹ The default code is 0000. If the code has been forgotten, view the access code (Refer to 'View Access Code', page 7.20).

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.

1. Press **MENU**.
2. Navigate to *Sirius menu...* >(ENTER)> *Advanced SIRIUS settings...* >(ENTER)> *Lock options* >(ENTER)> *Channel lock list* >(ENTER).

Unlock all Channels

This removes all channels from the locked list and makes them available for selection.

1. Press **MENU**.
2. Navigate to *Sirius menu...* >(ENTER)> *Advanced SIRIUS settings...* >(ENTER)> *Lock options* >(ENTER)> *Channel Unlock all channels* >(ENTER).

Temporally Unlock All Ch.

This function will temporarily unlock all channels. The channels remain on the locked list and will again be locked the next time the ignition is switched on.

1. Press **MENU**.
2. 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:

1. Press **MENU**.
2. Select *SIRIUS menu...* >(ENTER)> *Advanced SIRIUS settings* >(ENTER)> *Lock options* >(ENTER)> *Change Code* >(ENTER).
3. Enter the current code and press **ENTER**.
4. Enter the new code and press **ENTER**.
5. 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:

1. Press **MENU**.
2. Select *SIRIUS menu...* >(ENTER)> *Advanced SIRIUS settings...* >(ENTER)> *SIRIUS ID* > (ENTER).
3. Press and hold **ENTER** for two seconds. The current code will be displayed.

Your Aston Martin dealer can also provide you with assistance.

Satellite Radio Menu

(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

CD Changer Functions

- 1 **ON/OFF** - Audio On / Off.
- 2 **VOLUME** - Volume control.
- 3 **DISPLAY** - Presents options, menus and information.
- 4 **KEYPAD** - Buttons 1- 6 to select CD and menu short-cuts.
- 5 **TUNING** - Rotate to manually change CD tracks or navigate up / down 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 -

Left / Right - Press (left or right) to move to the next or previous track. Press and hold (left or right) to search within a track or the whole CD.

Up / Down - Navigate up / down 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 insert / eject CD.

14 EJECT - Eject CD.

Steering Wheel Controls

15 VOLUME - Volume control.

16 SCROLL - Navigate up / down through the music tracks.

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 0.03 in (0.7 mm) - 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.

1. Press the **MODE** button repeatedly to select CD.
2. Select an empty position using the **KEYPAD** (buttons 1 to 6) or use the **JOYSTICK** up / down. The **DISPLAY** shows which positions are empty.
3. Insert a CD into the changer.

Ensure 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 / down. The number of the disc and track are shown on the display.

Changing Tracks

Press the **JOYSTICK** left / right or **SCROLL** button, or rotate the **TUNING** dial to play the next or previous track. The track number is shown on the **DISPLAY**.

Fast Forward / Reverse

Press and hold the **JOYSTICK** left / 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.

1. Press **MENU**.
2. 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 CD's.

'RND' or 'RND ALL' is shown on the **DISPLAY** while the function is active. Press the **JOYSTICK** left / right or **SCROLL** button to select the next or previous random track.

Press **BACK** to deactivate random play.

Scan

Scan plays the first ten seconds of each track.

1. Press **SCAN**.
2. Press **SCAN** or **BACK** to play a track.

Pause Mode

When the volume is at zero, play will pause. Reactivate play by turning up the volume.

Activating / Deactivating Disc Text

Some CDs have title information. The information is displayed as text on the **DISPLAY**.

1. Press **MENU**.
2. 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 remains 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 car is stationary and is interrupted if the car starts to move. For traffic safety reasons, the ejected CD remains out for 12 seconds. It must then be removed, or the function is cancelled.

CD Changer Menu

(1)CD Menu...

- (1)Random...
- (2)News
- (3)Disc text
- (4)Audio Settings...
 - (1)Surround CD...
 - (2)Equalizer...
 - (3)Auto. volume control
 - (4)Reset all

iPod / USB Functions

- 1 **ON/OFF** - Press for audio On / Off.
- 2 **VOLUME** - Volume control.
- 3 **DISPLAY** - Presents options, menus and information.
- 4 **KEYPAD** - Buttons 0 – 9 track selection and menu short-cuts.
- 5 **TUNING** - Rotate to manually 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** - Press to confirm selection.
- 11 **PHONE** - Press to answer a call or activate voice commands.
- 12 **NAV** - Press to navigate to a destination.
- 13 **CALL** - Press to answer a call or activate voice commands.
- 14 **VOL** - Press to increase or decrease volume.



- 10 ENTER** - Open the file system, select in the menu, activate a selection.
- 11 JOYSTICK** -
- Up / Down** - Navigate up / down in the menus.
- Left / Right** - Press to move to the next track or previous. Press and hold to search within a track or the whole music folder. The search continues as long as a button is depressed.
- 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.
- 14 SCROLL** - Navigate up / down through the music tracks.

iPod / USB Connection

The iPod port is compatible with generation three iPods onwards.

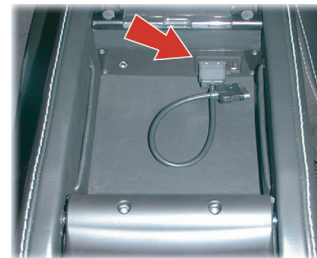
The USB port is only compatible with USB storage devices, e.g. Memory Sticks.

On initial connection and on every engine start the system will synchronize with the connected device. This will take a short while to complete.

The iPod controls will not operate while connected to the vehicle audio system. All functionality will be from the vehicle Audio system.

Locate the iPod cable or the USB socket in the armrest cubby box.

1. Connect the iPod player cable to the iPod cable.
or
2. Connect the USB device to the USB port.
3. If not already on, switch on the audio system.
4. Repeatedly press the **MODE** button until either 'iPod' or 'USB' shows on the Infotainment screen.



5. The iPod / 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 Infotainment system.

Playing Tracks

Once the mode has been set to either iPod or USB play automatically start.

Selecting Tracks

1. Press **ENTER** to display the music folder list.
2. Using the **JOYSTICK** up / 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 / Rewind

Press and hold down the **JOYSTICK** left / 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 / right or **SCROLL** button, or rotate the **TUNING** dial to play the next or previous track.

Scan

Scan plays the first ten seconds of each track.

1. Press **SCAN**.
2. While scan is in progress press **SCAN** or **BACK** to play the required track.

Random

Plays tracks from the music folder(s) in random order.

1. Press **MENU**.
2. Navigate to *iPod 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.

'RND' or 'RND ALL' is shown in the **DISPLAY** while the function is active.

Press the **JOYSTICK** left / right or the **SCROLL** button to select the next or previous random track.

iPod / USB Menu

(1)iPod Menu... / USB Menu...

- (1)Random...
- (2)News
- (3)Track Information
- (4)Audio Settings...
 - (1)Surround iPod...
 - (2)Equalizer...
 - (3)Auto. volume control...
 - (4)Reset all

Auxiliary Functions

- 1 **ON/OFF** - Press for audio On / 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 **MENU** - Opens the main menu.
- 7 **MODE** - Select AUX.
- 8 **ENTER** - Select in the menu, activate a selection.
- 9 **JOYSTICK UP/DOWN** - Navigate up / down in the menus.
- 10 **BACK** - Press to move back one action. Press and hold to move back to the default screen.

Steering Wheel Controls

- 11 **VOLUME** - Volume control.



The auxiliary input socket is provided to connect audio devices which can not be connected using the iPod or USB connections.

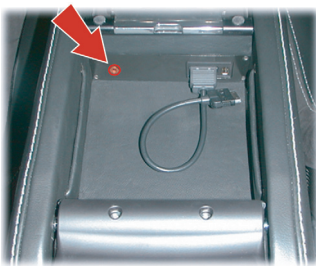
When an audio device is connected to the Infotainment system using the auxiliary socket all control of the device will remain with the device.

Audio Device Connection

Only volume control will be available from the vehicle audio system. All other functionality will be from the Audio device.

1. Locate the Auxiliary socket in the armrest cubby box.
2. Connect the audio device to the auxiliary socket using a suitable cable.

3. If not already on, switch on the audio system.
4. Repeatedly press the **MODE** button until 'AUX' shows on the **DISPLAY**.
5. The media device will now play through Infotainment system.



Audio Device Volume

The vehicle audio system volume can be set at a higher or lower starting volume for the audio device.

1. Press **MENU**.
2. Navigate to *AUX menu...* >(ENTER)> *AUX input volume...* >(ENTER). Rotate the **TUNING** dial to set the volume level.
3. Press and hold **BACK** to return to the main display.

AUX Menu

(1)AUX Menu...

- (1)AUX input volume...
- (2)News
- (3)Audio Settings...
 - (1)Surround AUX...
 - (2)Equalizer...
 - (3)Auto. volume control...
 - (4)Reset all

Hands-Free Phone

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Introduction

A mobile phone 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.

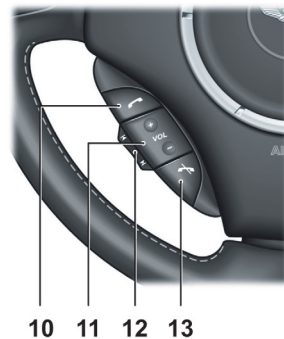
The hands-free phone system uses the internal antenna of the mobile phone. Placing the mobile phone in the trinket tray may degrade the hands-free system performance.

The hands-free system is only active when the vehicle ignition is switched to **On**. If, during a call, the ignition is switched to **Off** the call will transfer to the mobile phone after approximately six seconds.

The hands-free phone system will not recognize a mobile phone, even if it is 'paired' (Refer to page 8.6), if the mobile phone does not have hands-free enabled. For more information refer to the user's guide for your mobile phone.

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 UP/DOWN** - Navigate up / down in the menus or forwards / back 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.



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 up / down 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 phone mode 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 vehicle phone system the  symbol will show in the **DISPLAY**.

While in phone mode press **CANCEL** to go to the audio functions if required. The steering wheel controls will then operate the audio volume and preset station / music track selection. Return to phone functions by pressing **PHONE** or **CALL**.

Menus

The phone menu is only available when phone mode is active.

Press **PHONE** to activate the vehicle phone system. 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...

The menu selection is followed by a '>' symbol which indicates the next step.

Using the menu:

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.

- Press the **JOYSTICK** up / down, **SCROLL** button, or rotate the **TUNING** dial to navigate
- Press **BACK** to cancel, decline an option, or go back one step in the menu structure
- Press and hold **BACK** to cancel, decline an option, and go back to the main screen

- Press **ENTER** to confirm, select or navigate from one submenu to the next submenu
- Use the **KEYPAD** numbers as menu short-cuts. Press the number corresponding to the menu number.

Several menu options will require a cross in a box **X** 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 / Transfer call to vehicle - The call can be transferred to / from the mobile phone or the vehicle phone.

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.

Phone book - Access the phone book during a call.

Audio Settings

Call Volume

During a call the call volume can be regulated using the **VOLUME** dial / button.

Audio System Volume

The audio source can be automatically muted for incoming calls:

1. Press **MENU**.
2. 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 / music track selection.

When the audio source is active while Phone mode is active press **CALL** to return to Phone mode.

Ring Volume

1. Press **MENU**.
2. 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:

1. Press **MENU**.
2. 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 phone is called a 'Paired Link'. When a paired link is set up the hands-free system remembers the 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 to position 'II' if the hands-free system is active (Press **PHONE** to activate) on the vehicle and the mobile phone.

This system supports paired links with up to four 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 moves out of the vehicle system's range.

The mobile phone will **manually** disconnect when the hands-free system is deactivated. Press and hold **PHONE** until the phone symbol disappears from the screen. The function is also deactivated when the engine 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 only when pairing a mobile phone for the first time.

Ensure that the mobile phone has hands-free active.

1. Press **PHONE**.
2. If no phones are paired press **ENTER** to add a phone.
3. Press **ENTER** again - the system will search for mobile devices within it's area.
4. After a short time a list of mobile phones will show. Press the **JOYSTICK** up / down, **SCROLL** button or rotate the **TUNING** dial to navigate to the required mobile phone and press **ENTER**.

5. The display will then ask for a passkey to be entered into the mobile device. Enter the passkey into the mobile device.

If the passkey is not entered after 20 seconds the screen will timeout.

6. The display will show 'Phone Connecting...' then, if successful, 'Synchronizing'.

Synchronizing automatically places all the mobile phone contacts onto the vehicle system. This function can be deactivated (Refer to 'Phone Book', page 8.10)

7. Once synchronizing has completed the mobile phone is ready for use.

Additional Pairing

Ensure that the mobile device has hands-free active.

1. Press **PHONE**.

If a mobile phone is already paired to the system the system will first look for this phone. Once a search has been completed and no phone has been found the system will asked to add an additional phone or search again for the paired phone.

The system will search for all paired phones.

2. Press **MENU**.
3. Navigate to *Phone menu...* >ENTER> *Bluetooth...* >ENTER> *Change phone...* >ENTER> *Add Phone* >ENTER. At this point follow the procedure detailed for Initial Pairing.

Selecting a Phone

The phone to be selected must be in close proximity to the hands-free system.

When phone mode is activated the system will scan for the last used mobile phone. When found press **ENTER**. If the last phone is not found press **ENTER** to show a list of paired phones within range. Navigate to a phone and press **ENTER**.

Removing a Paired Phone

1. Press **MENU**.
2. Navigate to *Phone menu...* >ENTER> *Bluetooth...* >ENTER> *Remove Phone* >ENTER.
3. A list of paired phones will be displayed. Navigate to the required phone and press **ENTER** to delete.

Removing All Phones

1. Press **MENU**.
2. Navigate to *Phone menu...* >ENTER> *Bluetooth...* >ENTER> *Remove Phone* >ENTER> *All Phones* >ENTER.
3. Press **ENTER** to confirm. Press **BACK** to cancel.

Making a Call

Ensure that the hands-free system is active (  symbols will show in the **DISPLAY**.).

Press **PHONE**, or **CALL** on the steering wheel controls.

- Press the **JOYSTICK** up / 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:

1. Press, hold and release **CALL** or **ENTER**.
The amount of time require to hold in **CALL** or **ENTER** is dependant on the mobile phone.
2. Once 'Voice Tag Dialling' shows on the audio screen, 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.

1. Press **MENU**.
2. 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 the mobile phone does not support copying of the phone book, 'List is empty' is shown when copying is finished.

If it is not required to synchronize to phone book:

1. Press **MENU**.
2. 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.

Contact Search

Searching for contacts is only performed in the connected mobile phone's phone book.

- Press the **JOYSTICK** up / 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

1. Press **PHONE**.
2. Press **MENU**.
3. Navigate to *Phone menu...* >ENTER> *Phone book...* >ENTER> *Search* >ENTER. Using the **KEYPAD**, enter the first few letters of the contact name, press **ENTER**.
4. Navigate to a contact. Press **CALL** or **ENTER** to call.

Voice Mailbox

To enter a voice mailbox number:

1. Press **MENU**.
2. Navigate to *Phone menu...* >ENTER> *Phone settings...* >ENTER> *Call options...* >ENTER> *Voice mail number* >ENTER> Enter the number >ENTER.

Or

1. Press and hold **KEYPAD** number 1 to go to *Voice mail number*.
2. Enter the number and press **ENTER**.

If the mobile phone has the voice mail number already stored then this will be placed into the system when synchronizing during pairing.

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.

Last Ten Numbers

Last Ten Dialed Numbers

1. Press **ENTER**.
2. Use the **JOYSTICK** up / down, **SCROLL** button, or rotate the **TUNING** dial navigate to the required number. Press **CALL** or **ENTER** to call that number.

Last Ten Missed / Received Numbers

1. Press **MENU**.
2. Navigate to *Phone menu...* >ENTER> *Last 10 missed calls* or *Last 10 received calls* >ENTER.

Last ten dialed will also be available.

3. Use the **JOYSTICK** up / down, **SCROLL** button, or rotate the **TUNING** dial to navigate to the required number. Press **CALL** or **ENTER** to call that number.

Telephone Menu

(1)Phone Menu...

- (1)Last 10 missed calls
- (2)Last 10 received calls
- (3)Last 10 dialled calls
- (4)Phone book...
 - (1)Search
 - (2)Copy fr. mobile phone
- (5)Bluetooth...
 - (1)Change Phone...
 - (1)Add phone
 - (2)Remove Phone
- (6)Phone settings...
 - (1)Call options...
 - (1)Automatic answer
 - (2)Voice mail number
 - (3)Sounds and volume...
 - (1)Ring volume
 - (2)Ring signal...
 - (3)Mute Radio
- (7)Synchronizing phone book



ASTON MARTIN



ASTON MARTIN

Satellite Navigation

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Introduction

The Satellite Navigation system is an integrated part of the Infotainment centre system along with the audio system.

This Navigation system has been developed to help guide you to the destination of your choice. The system includes features that enable you to set itineraries, search for certain types of points of interest along your route, store special destinations, etc.

The Navigation system has all maps and features, for the market area, installed in the vehicle's electronic memory.

A DVD player is provided to install map and feature up-dates as and when available (Refer to 'Installing Up-dates', page 9.12).

The locations used in this chapter do not necessarily reflect known places and are for the purpose of describing operating procedures only.

GPS (Global Positioning System)

The vehicle's speed sensor and a gyro calculate the current position and the direction of travel of the car using signals from the Global Positioning System (GPS) satellite system.

Screen Care

The screen must only be cleaned with a soft, lint less, lightly dampened cloth, or a cloth with a mild window cleaning agent.

⚠ Warning ⚠
Never use the navigation system or any other feature in the vehicle in a way that distracts you from the task of driving safely.

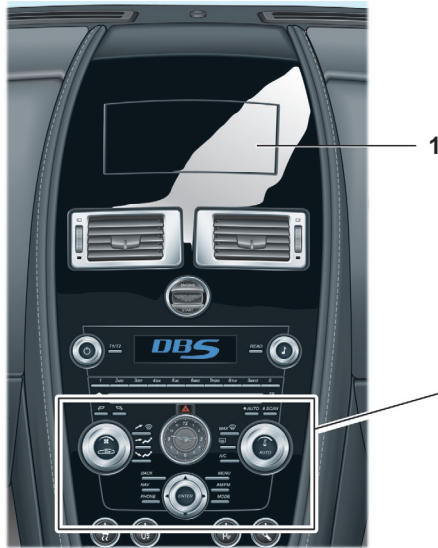
⚠ Warning ⚠
Distraction can lead to a serious accident.

⚠ Warning ⚠
Set and make changes in the navigation system only with the vehicle parked.

⚠ Warning ⚠
Be aware of the current traffic situation.

System Controls

- 1 **SCREEN** - Displays 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 / disable Satellite Navigation controls.
- 4 **JOYSTICK** - Move up / down / right / left to navigate through different menu options, traffic messages, etc.
- 5 **ENTER** - Press to confirm options or to activate different menus.



Getting Started

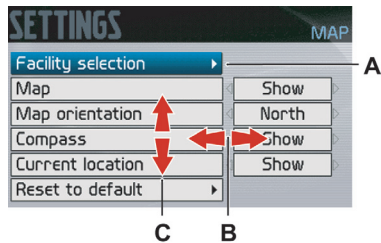
Menus

The Navigation menu is only available when the Navigation system is active. Press **NAV** to activate.

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.

- Press the **JOYSTICK** up / down / left / right to navigate
- Press **BACK** to cancel, decline an option, or go back one step in the menu structure
- Press and hold **BACK** to cancel, decline an option, and go back to the main screen

- Press **ENTER** to confirm, select or navigate from one submenu to the next submenu



Where an arrow is shown (A) press the **JOYSTICK** right to show a further menu.

To move from the left hand menu to the right hand menu press the **JOYSTICK** left or right (B).

To move up or down in the menus press the **JOYSTICK** up or down (C).

Search path

Menu paths are indicated for each operation in the following format:

(**Set destination** > Address > City)

Menu selections in the text are indicated by <address>.

Turning the Navigation System 'On'

The ignition must be at position 'I' or 'II'.

1. Press the **NAV** button. The button will illuminate blue.

2. Press **ENTER**. The navigation **SCREEN** will open. The system may need a few seconds to detect your position and movement.

While the **NAV** button is illuminated blue the **BACK**, **ENTER** and **JOYSTICK** functions only operate the Navigation system.

To use the audio or phone functions either:

- Press the **NAV** button again (blue illumination extinguished). The Navigation system will remain active. Press **NAV** again (button blue) to return to Navigation controls

or

- Press the **AM/FM**, **MODE** or **PHONE** buttons. The Navigation system will remain active. Press **NAV** again (button blue) to return to Satellite Navigation controls

*Pressing the **AM/FM** or **MODE** buttons will move the current audio source.*

Turning the Navigation System 'Off'

1. Move to <Shutdown> and press **ENTER**. The navigation **SCREEN** will close after a few seconds.
2. Press the **NAV** button (blue illumination extinguished) to return functions back to audio.

The Navigation system can be accessed even if the engine is switched off. Always place the ignition at position 'O' or remove the vehicle key when the system is not in use so the battery does not become discharged.

*If the Navigation system is still active when the vehicle key is removed the system will shut down. When the vehicle key is inserted again and placed at ignition position 'I' or 'II' the Navigation system will start up automatically. Press the **NAV** button to activate Navigation controls.*

Guidance Voice

(Refer to 'System Settings', page 9.9)

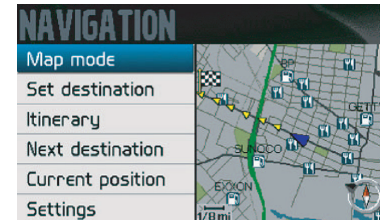
With Audio On - If guidance is active, when guidance is provided the audio system will mute until the guidance message has finished.

Phone in Use - If guidance is active, guidance messages will be muted if the hands-free phone system is in use.

If a guidance message is broadcast during a phone call an audible 'Beep' will sound.

Menu Structure

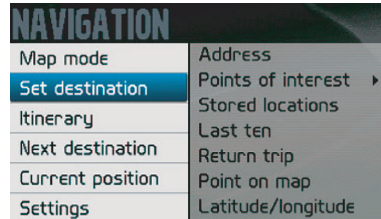
Left Hand Menu



Provides access to system functions (main menu).

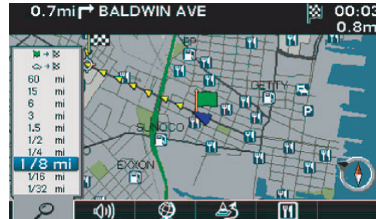
While in the default screen (map view) press **BACK**. Using the **JOYSTICK** select a menu option and then move **right** or press **ENTER** to access the functions.

Right Hand Menu



Each menu heading in the left-hand section has a sub menu containing further options. Select an option using the **JOYSTICK** and press **ENTER**. Press **BACK** to return to the main menu.

Quick Menu

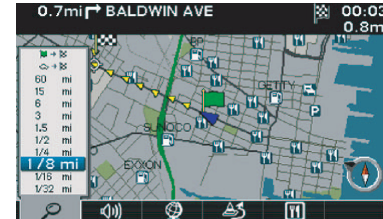


Press **ENTER** while in map view to access Quick menus. Select a Quick menu using the **JOYSTICK**. Select an option and press **ENTER**.

Quick menus make it easier to access certain system options.

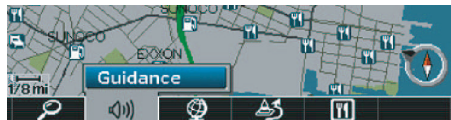
Some options are only accessible through the Quick menus.

Map Scale



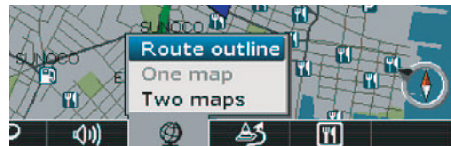
Used to zoom in or out. The entire route from start to finish or the remaining route from the current position to the destination can be displayed (Refer to 'Map Scale', page 9.34).

Guidance



Press **ENTER** to repeat a voice guidance.

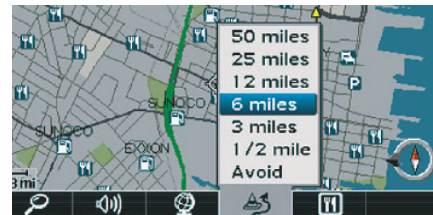
Map



Used, for example, to choose between displaying one or two maps (Refer to 'Using Map View', page 9.33).

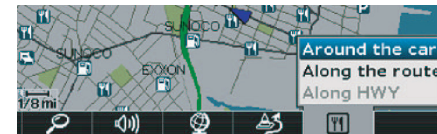
Select <Route outline> to view a list of approaching guidance points (Refer to 'Guidance', page 9.28).

Detour



Avoid parts of the calculated route, e.g., to avoid construction (Refer to 'Avoid Areas', page 9.29). It also possible to avoid specified streets along the route (Refer to 'Avoid Areas', page 9.29).

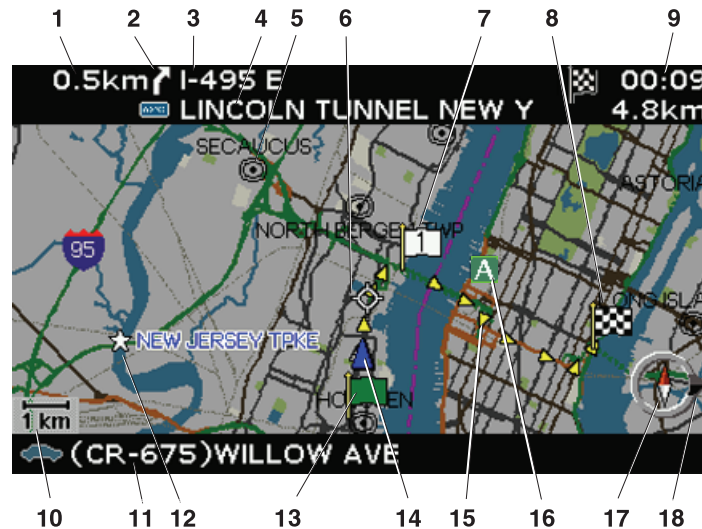
Points of Interest



Search for points of interest around your vehicle and along the itinerary, e.g. select <Along HWY> to search for points of interest which are easily accessible from the highway (Refer to 'Map Icons', page 9.35).

Map Image

- 1 Distance to the next guidance point.
- 2 Next guidance.
- 3 Name of the next street.
- 4 Road sign information.
- 5 City center.
- 6 Next guidance point.
- 7 Intermediate destination.
- 8 Final Destination.
- 9 Remaining travel time and distance to destination.
- 10 Map scale.
- 11 Current location.
- 12 Stored Destination.
- 13 Starting point.



- 14 Position of vehicle.
- 15 Route.
- 16 Facility symbol for Aston Martin Dealer.
- 17 Compass.
- 18 Direction of destination

Road types

- Highway – green
- Main road – red
- Smaller main road – brown
- Normal road – dark grey
- Local road – dark green

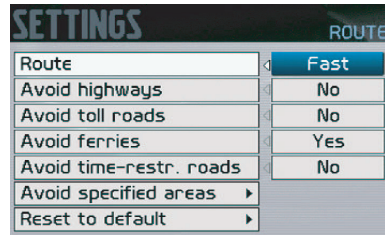
System Settings

Compass

The red tip of the compass needle points in a northerly direction on the map and the white tip points south. The blue destination arrow in the outer ring of the compass points in the direction of the destination.

Under *Map options* on the Settings menu you can choose to show or hide the compass and destination arrow.

Route Options



(**Settings** > *Route options*)

Use the **JOYSTICK** to move between the functions and select the desired setting. Confirm settings made using **ENTER**.

Route - Selects the fastest or shortest route when calculating.

Avoid highways - Indicate if highways are to be avoided when calculating the route.

Avoid toll roads - Indicate if toll roads are to be avoided when calculating the route.

Avoid ferries - Indicate if ferries are to be avoided when calculating the route.

Avoid time-restr. roads - Indicate if the system should pay consideration to time-restricted roads when calculating the route.

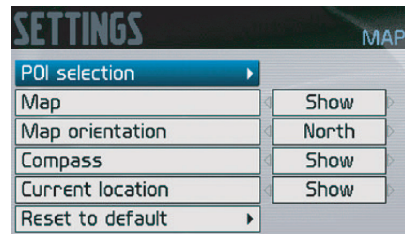
The correct time zone must be set for the function to work (Refer to 'System Settings', page 9.9).

Avoid specified areas - Select the areas the system is to avoid when calculating the route. Press the **JOYSTICK** right. Select <Selected> and press right again to specify areas.

Reset to default - Restore factory settings. Press the **JOYSTICK** right. Select <OK> and press **ENTER**.

The system can only use larger roads when calculating a route extending over a long distance. If NO is selected for toll roads and highways, they are avoided to the greatest possible extent and are only used if there is no other reasonable alternative.

Map Options



(**Settings** > **Map option**)

Use the **JOYSTICK** to move between the functions and select the desired setting. Confirm settings made using **ENTER**.

POI selection - Press the **JOYSTICK** right to obtain the submenu.

Select <Show all> to see all points of interest symbols on the map image.

Select <Hide all> if no symbols are to be displayed.

Select <Show selected> and press the **JOYSTICK** right to specify which symbols are to be shown on the map image. These are activated with a cross.

Step using the **JOYSTICK** to choose among the symbols. Activate or deactivate using the **JOYSTICK** right / left. Confirm settings made using **ENTER**.

Map - If the map is hidden, the system guides with an arrow.

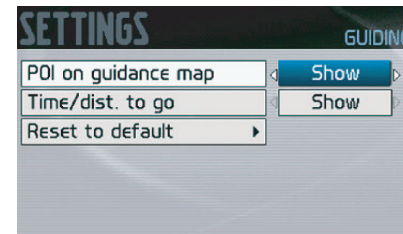
Map orientation - Indicate whether north or the heading (direction of travel) should be up when looking at the map.

Compass - Indicate if the compass is to be shown on the screen.

Current Location - Indicates if the name of the street on which the vehicle is currently driving should be shown at the bottom of the screen.

Reset to default - Restore factory settings. Press the **JOYSTICK** right. Select OK and press **ENTER**.

Guiding Options



(**Settings** > **Guiding options**)

Use the **JOYSTICK** to move between the functions and select the desired setting. Confirm settings made using **ENTER**.

POI on guidance map - Select *Show* if point of interest are to be displayed on the junction map.

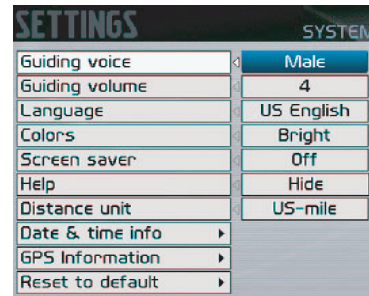
Select *Hide* if no points of interest are to be displayed on the junction map.

Time/dist. to go - Select *Show* to see the remaining travel time and distance from the current position to the destination during guidance.

Select *Hide* if the remaining time and distance is not to be displayed.

Reset to default - Restore factory settings. Press the **JOYSTICK** right. Select *OK* and press **ENTER**.

System Options



(Settings > System options)

Use the **JOYSTICK** to move between the functions and select the desired setting. Confirm settings made using **ENTER**.

Guiding voice - A male or a female guiding voice can be selected.

Guiding volume - Guiding voice on / off and volume.

Language - Indicate the language to be used in the system.

Colors - Choose between Light, Dark or Contrast.

Screen saver - Indicate whether the screen saver is to be used (comes on after 30 seconds).

Help - Indicate if help texts are to be displayed at the bottom of the screen.

Distance unit - Indicate which unit of distance is to be used for navigation.

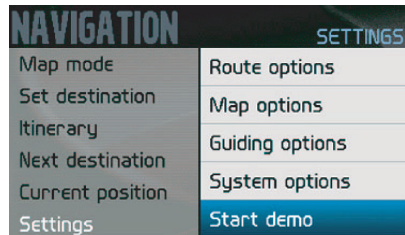
Date & time info - Press the **JOYSTICK** right to set date and time format.

GPS Information - Press the **JOYSTICK** right to view coordinates and address of the vehicle's position, as well as the number of satellites the system is in contact with.

Reset to default - Restore factory settings. Press the **JOYSTICK** right. Select *<OK>* and press **ENTER**.

About - System information.

Demo (Simulation)



(**Settings** > *Start demo*)

The demo illustrates how the system works when the vehicle is stationary by simulating a trip to a specified destination. All settings can be made during the demonstration.

<Stop demo> interrupts the simulation.

A destination must be entered for the demo to work.

Map Updates

Factors such as the constant expansion and rebuilding of the road network, new traffic regulations constantly being introduced etc. means that the digital map database is not always up-to-date. Digital maps are continuously updated and the coverage is increased gradually.

Map up-dates are available on DVD.

For information on the latest versions of Map discs, contact your Aston Martin Dealer.

Installing Up-dates

1. Place the ignition at position 'I'.
2. Start up the Navigation system.
3. Remove the trim protection panel to access the DVD player. Pull the trim panel out from the bottom.



4. Open the hatch on the DVD player and insert the up-date DVD. Close the hatch. The entire up-date procedure can take up to five minutes. Once the up-date is complete, the default start screen is displayed.
5. Once the up-date has installed the DVD must remain in the disc player. If the DVD is removed the Navigation system will revert to either the original settings or, if the system has been up-dated previously, back to the previous level up-date.

6. Install the trim protection panel.
7. Remove the vehicle key from the ignition.

Set a Destination

The Navigation system requires a destination to be entered so that a route to the destination can then be calculated. Various destination options are available.

*If the screen is in map view press **BACK** to access the main menu.*

Once a valid destination has been entered <Start Guide> will be available (Refer to 'Guidance', page 9.28).

Various destinations can be entered and saved as an itinerary (Refer to 'Itinerary', page 9.27).

Specify an Address

Select State



(**Set Destination** > Address)

Using the **JOYSTICK** move to select <State> and press **ENTER**.

*Press the **JOYSTICK** right when an arrow is displayed on the right of the line. A list of the five last entered States / Cities will be displayed. Select the required State / City, if available, from the list and press **ENTER**.*

Use the **JOYSTICK** to spell out the desired state from the Character table. Press **ENTER** for each letter.

When there are no more alternatives, the system fills in the remaining letters itself).

A list of the first three states matching that letter combination is shown at the bottom of the screen. A scroll bar on the right-hand side indicates that there are several alternatives in the list.

The number indicates how many.
Using the **JOYSTICK** move down and select directly from the list in the menu. Select and press **ENTER**.



Return to the Character table with **BACK**.
Press **BACK** to delete the entered letters one at a time.

States, Cities and Street names are deleted when the destinations in 'Last ten' are deleted.

Select City

Select <City> and press **ENTER**.

Press the **JOYSTICK** right when an arrow is displayed on the right of the line. A list of the five last entered countries will be displayed.

Follow selection methods described for States.

Select Street



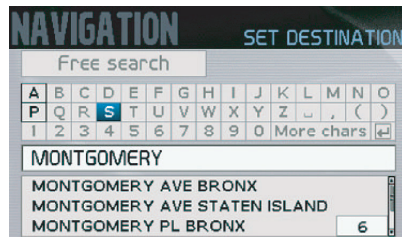
Move to <all Streets> and press **ENTER**.

It is also possible to search for street addresses throughout the country without specifying a particular city.

*Move to <City> and press **ENTER** then **BACK**. Then move to <Street> and press **ENTER**.*

No street addresses are stored in the system for some small towns. The town centre, however, can always be specified as the destination.

Use the **JOYSTICK** to select the desired letters from character table and press **ENTER** or move down and select directly from the list in the menu.

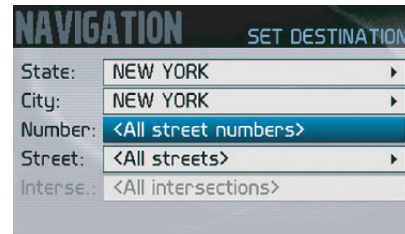


Select a street and press **ENTER**. A scroll bar on the right-hand side indicates that there are several alternatives in the list. The number indicates how many.

Return to the character table with **BACK**. Press **BACK** to delete the entered letters one at a time.

<Free search> (Refer to 'Free Search', page 9.21).

Select Street Number / Intersection



If the street number of the selected address is known, it can also be entered to make guidance more exact. An intersection can also be entered instead of the street number.

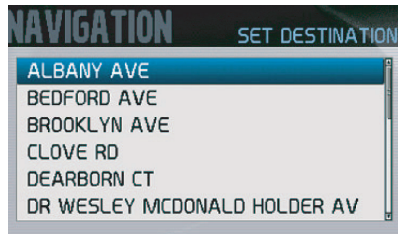
It is possible to move directly down to <Start guide> and press **ENTER**.



Move to <Number> and press **ENTER**. Existing street numbers are then displayed. Select a number and press **ENTER**.

Set - Confirm entered number.

Cancel - Go back to the previous screen.

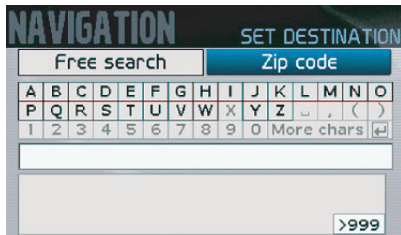


Move to <Interse> and press **ENTER**. The names of the intersecting streets will be listed. Select from among the streets using and press **ENTER**.

A scroll bar on the right-hand side indicates that there are several alternatives in the list.

Specify a Zip Code

Using the **JOYSTICK** move to <City> and press **ENTER**.



Move up and then right to <Zip code>. Press **ENTER**.

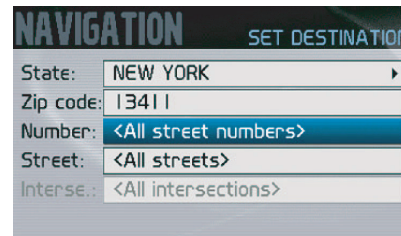
Use the **JOYSTICK** to select the desired letters and numbers from the character table and press **ENTER** or move down and choose a Zip Code directly from the list if options are available.



The scrolling list on the right-hand side indicates that there are more options in the list.

Press **BACK** to return to the table of characters to delete entered characters. Delete entered characters, then move up to <City> and press **ENTER** to return to the previous screen.

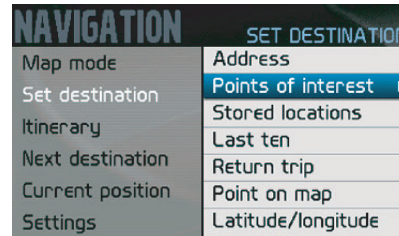
Select Street Address



Move to <Street> and press **ENTER**. Choose letters using the **JOYSTICK** and press **ENTER** or move down and choose a street name directly from the list if options are available. Then move to <Number> or to <Interse> to specify a street number or a crossroads. Select <Start Guide> to obtain guidance to the destination.

Specify a Point of Interest

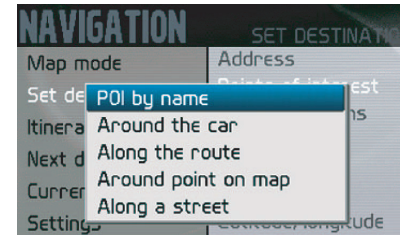
Points of interest is a collective name for places such as Petrol Stations, Hotels, Restaurants, Aston Martin dealers, Hospitals, vehicle Parking, etc.



(Set destination > Points of interest)

Press **ENTER** to access a submenu with search options.

It is also possible to search for points of interests around the vehicle, along the itinerary and along the highway using the Quick menu (Refer to 'Menu Structure', page 9.5).



POI by name - Enter the name of a point of interest or select a point of interest type from the list in the menu. The list can vary and only shows the points of interest of the selected City or area.

Around the car - The system searches in a circle with a radius of at least 1.5 mile. If less than 40 points of interest are found, the search is extended to a radius of max. 62 mile.

Along the route - If a destination has been specified, the system can search for points of interest within an area max. 0.5 mile from the route and max. 62 mile ahead.

Around point on map - The system searches the same way as <Around the car>, but around a specified point on the map.

Along a street - The system searches along a specified street.

Select an option using the **JOYSTICK** and press **ENTER**.

Search Point of Interest by Name / Type



(**Set destination** > Points of interest > POI by name)

Using the **JOYSTICK** move to <Type> or <Name> and press **ENTER**.

Use the **JOYSTICK** to select the desired letters and press **ENTER** or move down and select directly from the list in the menu.

A scroll bar on the right-hand side indicates that there are several alternatives in the list. The number indicates how many. Select and press **ENTER**.

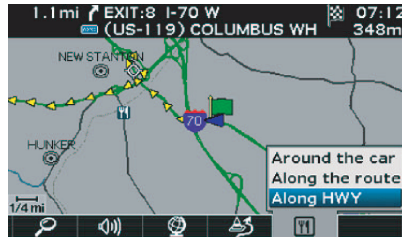
Certain points of interest (when selecting by <Type>) have further options. For example, select gas station and press **ENTER**.

The names of different gas station chains found in that area are then displayed. Select from among the alternatives and press **ENTER**.

Return to the character table with **BACK**. Press **BACK** to delete the entered letters one at a time.

<Free search> (Refer to 'Free Search', page 9.21).

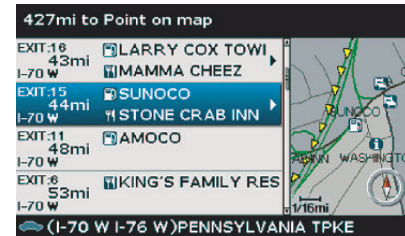
Points of Interest - Quick Menu



In map view press **ENTER** to access the Quick menu. Select the *<Points of interest>* menu using the **JOYSTICK**. Select *<Along HWY>* and press **ENTER**.

From the Points of interest Quick menu it is possible to search for Points of interest which are easily accessible from the highway.

When a calculated route extends over more than one highway, the system also searches adjoining highways. If no route is calculated, the system searches along the highway the vehicle is travelling on.

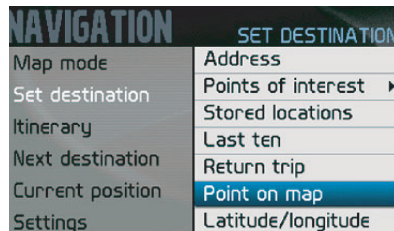


The list shows rest areas, gas stations and restaurants along the highway along with the distance. Select a point of interest.

The point of interest is displayed on the map image. Press **ENTER** to view the whole map and to obtain map scroll mode. Press **ENTER** again to obtain the map scroll menu. Select *<Set as destination>* and press **ENTER** to select the point of interest as the destination (Refer to 'Map Scroll', page 9.33).

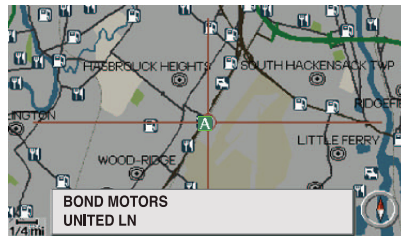
In cases where there is more than one point of interest at the destination, an arrow is displayed to the right of the list. Press the **JOYSTICK** right to view a submenu of points of interest. Select point of interest and press **ENTER** to view it on the map.

Specify Destination on the Map

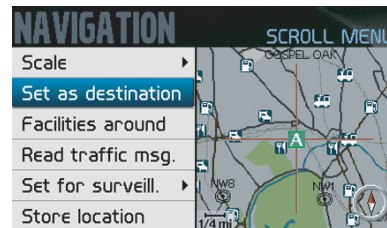


(**Set Destination** > *Point on map*)

Press **ENTER**. Use the **JOYSTICK** to move the cross on the map and specify a destination directly on the map, for example.



The centre of the cross indicates the current destination on the map. The name and destination that correspond to the cross position are shown at the bottom of the map.



Use the **JOYSTICK** to move the cross to the desired destination and press **ENTER** to access the scroll menu. Move to <Set as destination> and press **ENTER**.



The destination is registered and added to the itinerary.

Start guidance - Starts guidance to the destination.

Add to itinerary - Add another destination.

Route options - Settings for route priorities.

Clear itinerary - Erases the itinerary.

Specify Coordinates

NAVIGATION SET DESTINATION

Lat: 4 0 4 3 1 0 " N

Long: 0 7 4 0 3 0 1 " W

OK Cancel

(**Set Destination** > Latitude / longitude)

Using the **JOYSTICK** move left / right to move from row to row and up / down to set coordinates.

OK - Shows the destination of the specified coordinates on the map. Press **ENTER** to access the scroll menu. Move to **Set as destination** and press **ENTER** to select the destination as a Destination.

Press **BACK** to return to coordinate input.

Cancel - Return to the previous screen.

Free Search

NAVIGATION SET DESTINATION

State: NEW YORK

City: NEW YORK

Number: <All street numbers>

Street: <All streets>

Interse.: <All intersections>

Searches can be done using part of the City or Street name. Move to <City> or <Street> and press **ENTER**.

NAVIGATION SET DESTINATION

Free search

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
P	Q	R	S	T	U	V	W	X	Y	Z	,	(	)	
1	2	3	4	5	6	7	8	9	0	More chars				

>999

Move **up** to <Free search> and press **ENTER**.

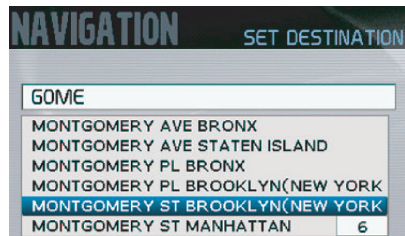
NAVIGATION SET DESTINATION

Start

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
P	Q	R	S	T	U	V	W	X	Y	Z	,	(	)	
1	2	3	4	5	6	7	8	9	0	More chars				

GOME

Use the **JOYSTICK** to enter part of the name and press **ENTER**. Move up to <Start> and press **ENTER**.

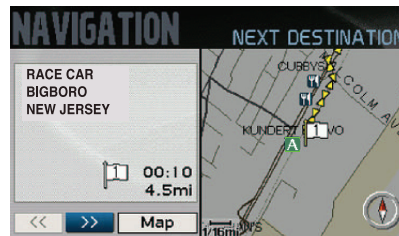


Move to the desired option and press **ENTER**.

A scroll bar on the right-hand side indicates that there are several alternatives in the list. The number indicates how many.

Press **BACK** to return to the previous screen.

Next Destination



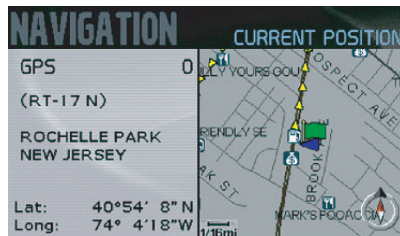
(Next destination)

Press **ENTER** or the **JOYSTICK** right to obtain information on the destination, such as name, remaining journey time and distance from present position to the destination.

Press **ENTER** again if more destinations are specified to obtain information and to view them on the map image.

Move to <Map> and press **ENTER** to view the whole map image and obtain scroll mode. Press **ENTER** again to obtain the map scroll menu (Refer to 'Map Scroll', page 9.33).

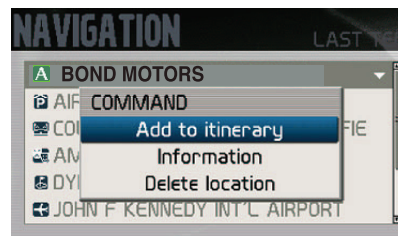
Current Position



(Current position)

Press **ENTER**. The map image shows the vehicle's position. Press **ENTER** or the **JOYSTICK** right to obtain information on the destination, for example name and coordinates.

Last Ten Destinations



(Set destination > Last ten)

Press **ENTER** to see the ten most recently entered destinations.

The scroll bar on the right-hand side indicates that there are several alternatives in the list. Move to the desired destination using the **JOYSTICK** and press the **JOYSTICK** right or **ENTER** to access the submenu.

Add to itinerary - Adds the destination to the itinerary.

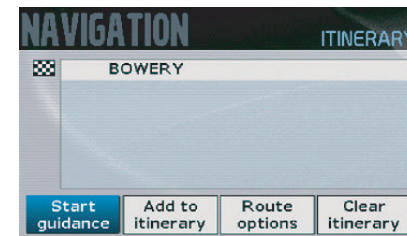
Information - Provides information on the destination.

Delete Location - Deletes the entered destination.

Return Trip

(Set destination > Return trip)

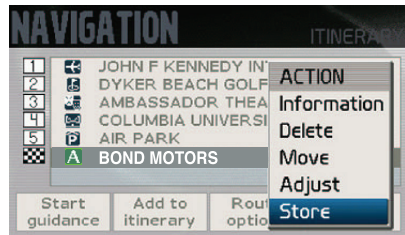
Press **ENTER** to obtain guidance back to the starting point.



Select <Start guidance> and press **ENTER**. The system then starts guiding back to the destination Start guidance was last selected.

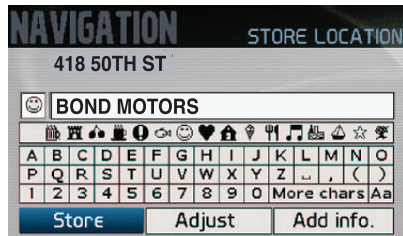
Store a Destination

Up to 250 destinations can be saved and reused.



(Itinerary)

Using the **JOYSTICK** move to the destination in question and press **ENTER** or the **JOYSTICK** right. Select <Store> from the submenu and press **ENTER**.



The Map scroll function can also be used to save a destination (Refer to 'Map Scroll', page 9.33).

All stored destinations are marked with symbols on the map. Move up to the symbols. Use the **JOYSTICK** to select and press **ENTER**. The name of a stored destination is indicated automatically.

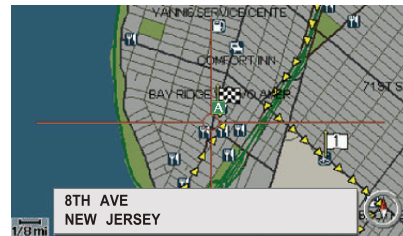
Press **BACK** to erase the original name and replace it with a new one.

Select <Store> to save the destination.

Adjust



Select <Adjust> and press **ENTER** to move the position of the stored destination on the map.



Use the **JOYSTICK** to move the cross to the new position of the stored destination and press **ENTER**. Then select <Save Destination> and press **ENTER** to save. Select <Scale> to change the scale.

Add Info.

NAVIGATION STORE LOCATION

Icon:

Name: BOND MOTORS

Address: 418 5TH ST ▶

City: NEW JERSEY ▶

State: NEW JERSEY ▶

Phone: (718) 679-9794 ▶

E-mail: ▶

URL: ▶

Select <Add info.> and press **ENTER** to add additional information on the stored destination.

NAVIGATION STORE LOCATION

418 50TH ST

BOND MOTORS

Icons:

Keyboard: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [] , < > 1 2 3 4 5 6 7 8 9 0 More chars Aa

Buttons: Store Adjust Add info.

Use the **JOYSTICK** to select a field and press **ENTER** to add new information or edit exiting information.

Stored Destinations

NAVIGATION SET DESTINATION

Map mode	Address
Set destination	Points of interest ▶
Itinerary	Stored locations
Next destination	Last ten
Current position	Return trip
Settings	Point on map
	Latitude/longitude

(**Set destination** > *Stored Destinations*)

Press **ENTER**. A list of stored destinations is displayed.

A stored destination is a previously saved destination.

NAVIGATION STORED LOCATIONS

COMMAND	FILE
AM	Add to itinerary
DY	Information
JO	Edit
BA	Sorting ▶
AIF	Delete location

Move among the stored destinations using the **JOYSTICK**. Press the **JOYSTICK** right or **ENTER** to access the submenu.

Add to itinerary - Add the stored destination in the itinerary.

Information - Provides information on the stored destination.

Edit - Change the name, etc. of the stored destination.

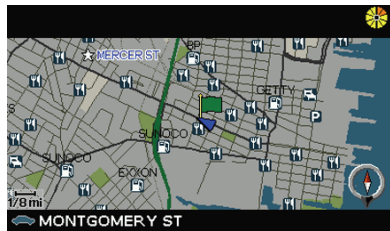
Sorting - Sort stored destinations by icon or name.

Delete Destination - Delete a stored destination.

Select an option using the **JOYSTICK** and press **ENTER**.

Start Guidance

The <Start guide> option is only available when a valid destination has been entered.



When <Start guide> is selected, the system begins calculating the route and distance to the destination (during this time, a yellow / orange symbol is shown at the top of the screen).

If a detour is made from the planned route during the trip, the system automatically calculates a new route (Refer to 'Guidance', page 9.28).

NAVIGATION		SET DESTINATION
State:	NEW YORK	▶
City:	NEW YORK	▶
Number:	<All street numbers>	
Street:	MONTGOMERY ST BROOKLYN(▶	
Interse.:	<All intersections>	
Start guide		Itinerary Information

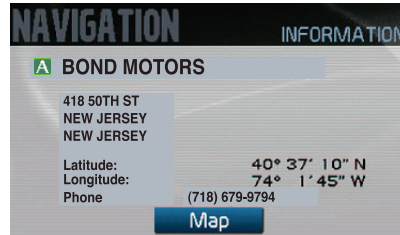
If neither a street number nor an intersection is specified the system guides to the middle of the street chosen.

Start guide - The system guides to the destination.

Itinerary - Adds the destination to the itinerary.

Information - Provides information on the destination.

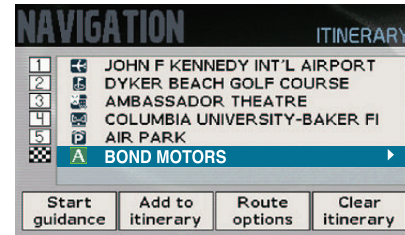
Information



The address, coordinates and in some cases the telephone number of a point of interest is shown under *<Information>*. Select *<Map>* and press **ENTER** to see the point of interest destination on the map.

Itinerary

An itinerary, containing several destinations, can be entered to avoid entering destination after destination during your trip. One destination with up to six intermediate destinations can be specified.



(Itinerary)

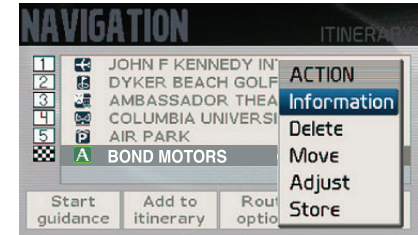
Start guidance - Starts guidance to the destination.

Add to itinerary - Add another destination.

Route options - Settings for route priorities.

Clear itinerary - Erase the entire itinerary.

Edit an Itinerary



(Navigation > Itinerary)

Select a destination using the **JOYSTICK** and press **ENTER** or move the **JOYSTICK** right to access options.

Information - Provides information on the destination.

Delete - Clears the destination from the itinerary.

Move - Changes the placement of the destination in the itinerary.

Adjust - Changes the destination of the destination on the map.

Store - Saves the destination under <Stored Destinations>.

Select an option and press **ENTER**.

Guidance

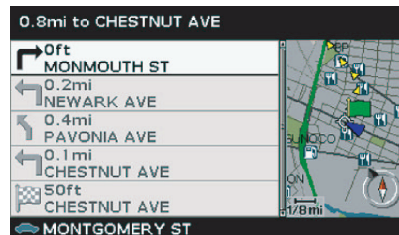


In map view press **ENTER**. When approaching an intersection, a detailed intersection map will indicate the type of manoeuvre required. Distance to and name of the next exit road are shown along the top edge of the map.

Road sign information is shown on the line underneath. If there is a road number and exit number or exit name, they are also shown.

The current position is indicated at the bottom of the screen.

Route Outline



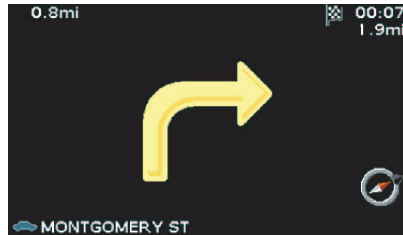
(**Quick menu** > **Map menu** > **Route outline**)

The destination and remaining distance are shown at the top of the screen. The next guidance point is highlighted.

This is followed by a list of remaining guidance points. In addition to the name of the road, the distance between guidance points and an arrow indicating the type of manoeuvre are shown.

Guidance points are deleted as they are passed. If a deviation is made from the given route, the system calculates a new one.

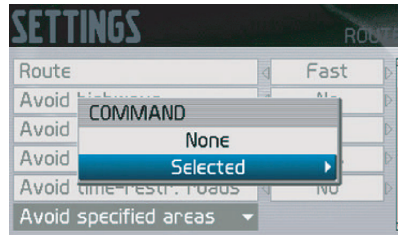
Arrow Navigation



(**Settings** > Map options)

Guidance can be shown without a map. The system then shows an arrow that points in the direction you should turn. Select <Hide> to hide the map.

Avoid Areas



(**Settings** > Route options)

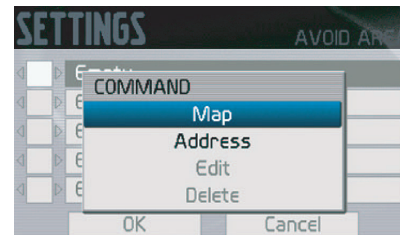
Specify specific areas the system is to avoid in calculating the route.

Move to <Avoid specified areas> using the **JOYSTICK** and press right. Select <Selected> and press **right** again to specify areas.

None - Press **ENTER** to deactivate areas already activated.

Selected - Press the **JOYSTICK** right to specify new areas. Press **ENTER** to activate areas already saved which are marked with a cross.

Avoid Area Options



(**Settings** > Route options > Avoid specified areas > Selected)

Press **ENTER**. Choose option on the submenu using the **JOYSTICK** and press **ENTER**.

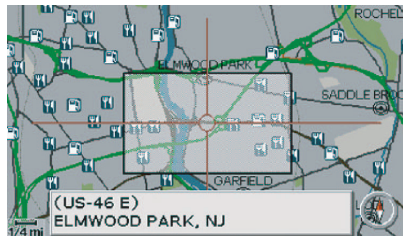
Map - Use the **JOYSTICK** to indicate the area to be avoided directly on the map.

Address - Enter the address of the area to be avoided. The address constitutes the centre of the area.

Edit - Change the name of the saved area.

Delete - Erase a saved area. Confirm with **OK**.

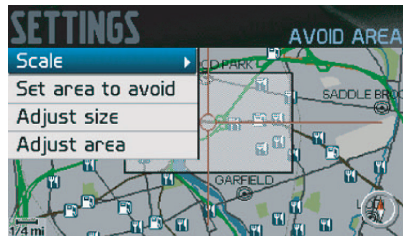
Specify an Area on the Map



Select <Map>. Using the **JOYSTICK**, move the centre point of the hairline cross to the centre of the area to be avoided.

The name of the destination the centre point rests on is displayed at the bottom of the map.

The rectangle indicates the size of the area. Press **ENTER** to obtain the submenu.



Select option in the submenu using the **JOYSTICK** and press **ENTER**.

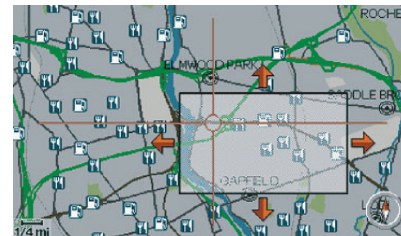
Scale - Specify the size of the area to be avoided.

Set area to avoid - Saves specified area.

Adjust size - Change the size of the area.

Adjust area - Move the area.

Change Size of Map Area



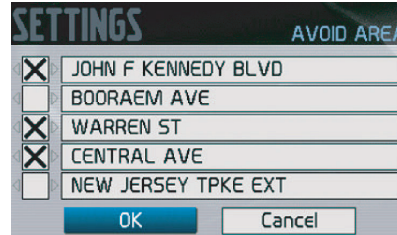
Change the size of the area using the **JOYSTICK**. Press **BACK** to undo the change, or press **ENTER** and select <Avoid selected area> to save.

Move the Map Area



Move the area using **JOYSTICK**. Press **BACK** to undo the move, or press **ENTER** and select *<Avoid selected area>* to save.

Saved Specified Areas

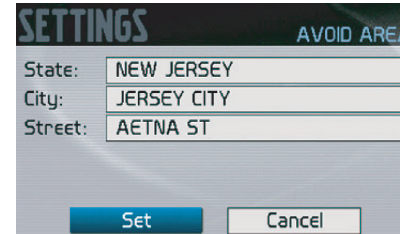


Choose which of the saved areas are to be avoided in calculating route. These are marked with a cross. Step using up / down to choose among the areas. Mark or un-mark using right / left.

OK - Activates areas marked with a cross. The areas activated are displayed on the map image.

Cancel - Undoes settings made and returns to Route options settings.

Specify an Area Address

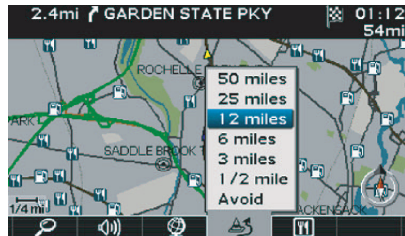


Select *<Address>*. Enter the address of the area to be avoided. The address then constitutes the centre of the area. Use **up / down** to move between the rows and press **ENTER** to enter the address.

Select - The specified area is shown on the map. Press **ENTER** to obtain the submenu. Choose *<Scale>* to specify the size of the area to be avoided. Select *<Set area>* to avoid to save the area. Select *<Adjust size>* to change the size of the area or select *<Adjust area>* to move the area.

Cancel - Returns to saved areas.

Detours



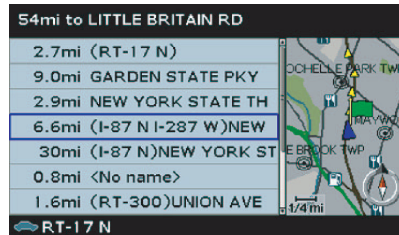
When the detour function is used, the system calculates an alternate route to avoid part of the calculated route. This is used to avoid construction, for example.

Press **ENTER** in map view to access the Quick menus. Move to the Detour Quick menu using the **JOYSTICK**.

Set the number of miles the route is to be avoided using the **JOYSTICK** and press **ENTER**. The system then calculates a new route and avoids the original route for the specified number of miles starting from the current position.

A destination must be specified for the function to work.

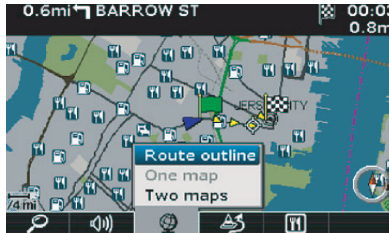
Avoid Specific Street



Select **<Avoid>** from the detour menu and press **ENTER**. A list of streets that are part of the route are displayed. Move to the street to be avoided using the **JOYSTICK** and press **ENTER**.

Several streets can be selected by moving up / down and confirming each selection with **ENTER**. The system then calculates a new route.

Using Map View



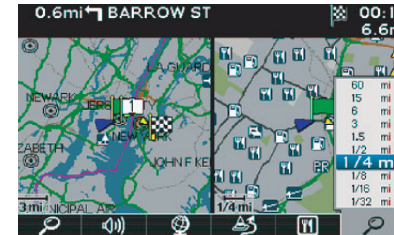
Press **ENTER** in Map view to access the Quick menu. Move to the Map Quick menu using the **JOYSTICK**.

Route outline - View a list of approaching guidance points (Refer to 'Guidance', page 9.28).

Two maps - View two map images.

Two Maps

One or two map images can be selected. Different degrees of magnification can be selected for each map image of the same area.



Select **<One map>** on the Map menu and press **ENTER** to return to the previous right-hand map image.

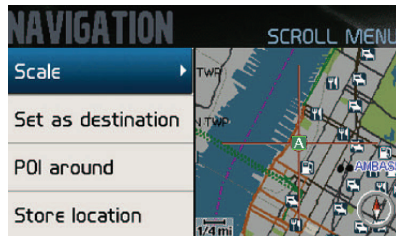
Map Scroll



While in map view move the **JOYSTICK** in any direction to activate Map scroll. The **JOYSTICK** can then be used to move the cross freely over a large area with a detailed scale.

The destination that corresponds to the cross position is shown at the bottom of the map.

Scroll Menu



Press **ENTER** to access the scroll menu.

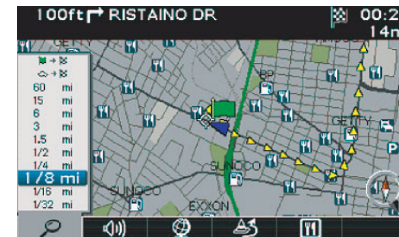
Scale - Function to temporarily change the scale. Press **BACK** to return to the original scale and to return to the vehicle's position on the map.

Set as destination - Select a location on the map as a destination or intermediate destination (Refer to 'Specify Destination on the Map', page 9.20).

POI around - The system searches for points of interest around a specific point on the map. The system searches in a circle with a radius of 1.3 mile. If less than 40 points of interest are found, the search is extended to a radius of max. 62 mile.

Store location - Save a location on the map. Select an option using the **JOYSTICK** and press **ENTER**.

Map Scale



Press **ENTER** in Map view to access the Quick menus. Move to the map scale Quick menu using the **JOYSTICK**. Choose a scale using up / down and press **ENTER**.

If two map images are displayed on the screen, use the **JOYSTICK** to move to the map that is to be changed.

Scale is indicated at the bottom of the screen.

Select the option (green flag + finish flag) at the top of the Map scale Quick menu and press **ENTER**.

The thick line on the map shows the whole route from start to destination.



The option (vehicle + finish flag) second from top on the Map scale Quick menu shows the remaining route from the present position to the destination.

Press **ENTER** to change scale. Press the **JOYSTICK** to obtain map scroll.

Map Icons

Aston Martin Dealer	Amusement park	Civic / Community centre	Convention centre
Airport	Automobile club	Court house	Ferry terminal
ATM	Bus station	Gas station	Golf course
Bank	Casino	Historical monument	Hospital
Vehicle rental	City hall	Hotel	Library
City centre		Major company	Marina
		Movie theatre	Museum
		Night life / Music club	Park & ride
		Parking garage	Parking lot

 Police station	 Recreation area
 Rest area	 Restaurant
 Shopping centre / Groceries	 Ski resort
 Sports complex	 Theatre / Opera
 Toll booth	 Tourist attraction
 Tourist information	 Train station
 University / College / School	 Winery

Frequently Asked Questions

(Q) The position of the vehicle on the map is wrong or jumps.

(A) The GPS system indicates the position of the vehicle with an accuracy of about 65.5 ft. (20 m) There is a greater chance of error when driving on roads lying parallel to another road, winding roads, roads on several levels and after driving a long distance without making any distinctive turns. High mountains, buildings, tunnels, viaducts, over/underpasses etc. also have a negative affect on the reception of GPS signals, which means that accuracy in calculating the position of the vehicle may decrease.

(Q) The navigation system does not always calculate the fastest / shortest road.

(A) When calculating a route, distance, width of road, type of road, number of right or left turns, roundabouts etc. are all taken into account in order to produce the best theoretical route. A more efficient selection of route may be possible based on experience and knowledge of the area.

(Q) The navigation system uses toll roads, highways and ferries even though I chose to avoid them.

(A) When calculating routes over longer distances, for technical reasons, the navigation system can only use larger roads when calculating a route extending over a long distance. If *NO* is selected for toll roads and highways, they are avoided to the greatest possible extent and are only used if there is no other reasonable alternative.

(Q) The position of the vehicle on the map is incorrect after transportation.

(A) If the vehicle is transported, for example by ferry or train, or in such a way as to impede the reception of GPS signals, it can take up to 5 minutes before the position of the vehicle is correctly calculated.

(Q) The position of the vehicle on the map is incorrect after the vehicle battery has been disconnected.

(A) If power has been cut from the GPS antenna, it can take more than 15 minutes for the GPS signals to be received correctly and the position of the vehicle to be calculated.

(Q) The map image does not correspond with the real situation.

(A) Factors such as the constant expansion and rebuilding of the road network, new traffic regulations constantly being introduced etc. means that the digital map database is not always complete. The information stored in the maps is constantly being developed and updated. An Aston Martin Dealer can provide further information.

(Q) The scale of the map sometimes changes.

(A) Scale is affected by vehicle speed. At speeds over 85 m.p.h. (140 km/h) the largest possible degree of magnification is 0.2 mile (250 m). Once speed decreases to 75 m.p.h. (120 km/h), the system is once again able to display all degrees of magnification. If no detailed map information is available, the largest degree of magnification is 0.3 mile (500 m) regardless of speed.

(Q) The expected menu option is missing.

(A) Look at the settings that have been made. Select *Reset to default* to restore the original settings.

(Q) The system shows the route I am already on when I request *Calculate new route* or *Detour*.

(A) The system cannot find a good alternative to the current route.

(Q) The vehicle symbol on screen jumps forwards or spins.

(A) The navigation system may need a few seconds to sense the position and movement of the vehicle before driving off. Switch off both the navigation system and the engine. Start again, but remain stationary for a while before starting to drive.



ASTON MARTIN



ASTON MARTIN



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 Car 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 car 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

⚠ Warning ⚠
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.

⚠ Warning ⚠
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.

Parts and Lubricants

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 Car Warranty or other warranties (Refer to 'Warranty', page C.1).

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 11.10) could cause excessive engine wear, a build up of sludge and deposits, and increased pollution. It could also lead to engine failure.

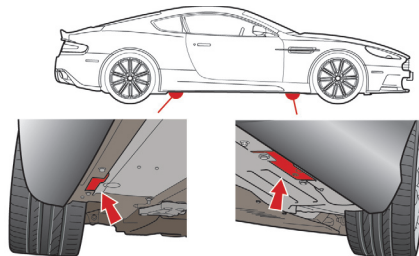
Emission Warranty

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 familiarise yourself with all warranty conditions at the earliest opportunity after taking delivery of your car.**

Vehicle Jacking

This vehicle is not supplied with a vehicle jack. If this vehicle is to be raised using a vehicle jack ensure the following jacking points are use.

Do not raise the vehicle by placing a vehicle jack under the suspension arms.



⚠ Warning ⚠

Ensure that no persons are in the vehicle before jacking commences.

⚠ Warning ⚠

Ensure that the parking brake is set and that the vehicle is in 'Park' (Automatic) or 1st Gear (Manual).

⚠ Warning ⚠

Ensure that the vehicle is parked on firm and level ground to ensure a secure base for the jack.

Servicing Precautions

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.

Warning

Protect yourself against dangerous substances (Refer to 'Dangerous Substances', page 10.5).

Warning

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.

Warning

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.

Warning

Avoid skin contact with all exhaust system and engine components, engine fluids and escaping steam. They may be hot and will burn you.

Warning

Do not work beneath the vehicle with a vehicle lifting jack as the only support. Place suitable stands under the vehicle.

Warning

Keep children and pets clear of the vehicle. Do not allow anyone inside the vehicle unless specifically working to your instructions.

Warning

Whenever possible work in the engine compartment with the engine cool, the ignition switched off and the vehicle battery disconnected.

Warning

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.

Dangerous Substances



Warning

Dangerous substances should be kept out of reach of children.



Warning

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.



Warning

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.

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



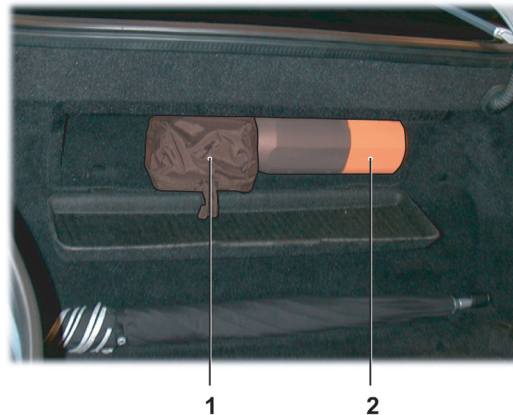
Warning

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.

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 10.25).



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 lamps
- 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
- Windshield washer fluid level
- Check operation of windshield washers

Engine Oil Level

Check the engine oil level every fourth fuel tank fill or weekly - which ever 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 hand side of the floor.

The tool kit consists of:

Towing Eye - (Refer to 'Transporting and Towing', page 10.30).



Screwdriver - For the removal of the front plate when installing the front towing eye.

Road Wheel Lock Nut Socket (option) - For the removal of a road wheel(s) when Servicing / Maintenance is required.

Bulbs - (Refer to 'Bulbs', page 10.45).

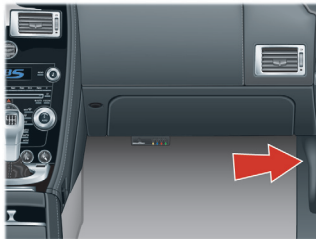
Battery Conditioner

(Refer to 'Battery Conditioner', page 10.33)

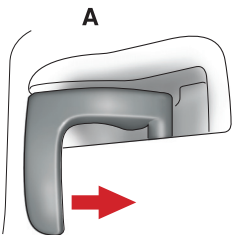
Opening / Closing the Hood

Opening

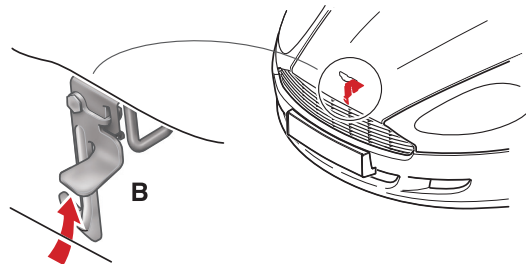
Take care not unintentionally to pull on or catch the hood release lever.



Pull lever (A) to release the hood latch. The hood will rise but remain 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 switch on, they will temporarily rest in the park position while the hood is un-latched.

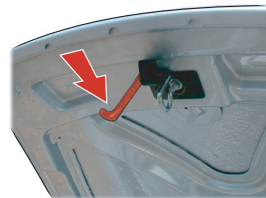
Closing

Before closing the hood, remove any tools, cleaning cloths, etc. from the engine compartment. Ensure that no one is obstructing the 'closing' area and that hands, clothing etc. are clear.

Lower the hood until it starts to fall under it's own weight. At that point let the hood fall to close.

⚠ 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.

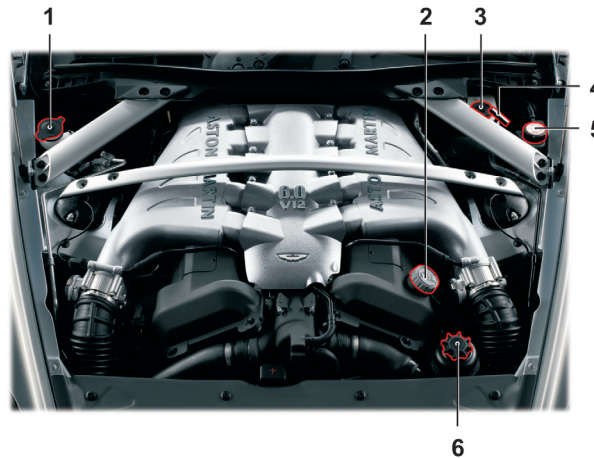


If the hood does not fully close the warning message 'hood not fully closed' will appear in the message display right.

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.

Do not press down hard on a hood that has not closed correctly. This may damage the hood.

Fluid Levels



⚠ 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 lamp will illuminate.

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 / down so that the fluid strikes between a third and half way up the windshield.

Engine Oil Level

⚠ Warning ⚠
Engine oil and / 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.

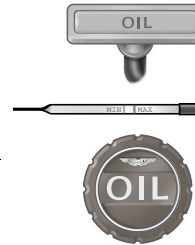
Failure to use engine oil that meets the required specification (Refer to 'Fluids', page 11.10) could cause excessive engine wear, a build up of sludge and deposits, and increased pollution. It could also lead to engine failure.

The vehicle should be on level ground. If the engine has been running immediately prior to the check, wait several minutes after stopping the engine for the oil to drain back into the oil pan.

1. Withdraw and wipe the dipstick clean, using a lint free cloth.
2. Insert the dipstick, withdraw again. The oil level should read between the Min. and Max. marks.

Approximately two pints (one liter) is required to bring the level from Min. to Max.

3. Top-up if required.
Remove the filler cap and add oil. Wait for the oil to settle then check again. Add more oil if required. **Do not overfill.**
4. Replace the filler cap securely.



Brake Fluid Level

⚠ Warning ⚠
Do not drive the vehicle if the brake fluid level is below the Min. mark.

Ensure 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.

1. Remove the reservoir cap. Top up to the indicated Max. level.
2. 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 11.10), if required.
2. Ensure 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

Ensure 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. 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.**

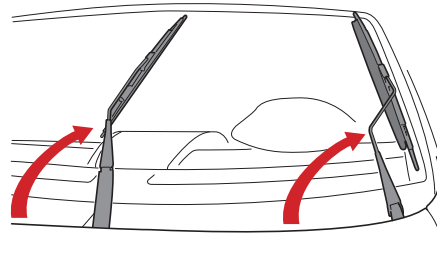


Windshield Blade Replacement

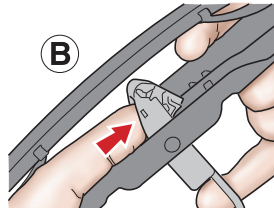
To replace the windshield wiper blades the wiper arms must be set at 90° to the vehicle (A).

1. While holding in buttons 2 and 6 (infotainment keypad) turn the ignition key from position 'O' to position 'II'.
2. This will manoeuvre the wiper blade arms to the 90° position. Return the ignition key to position 'O'.
3. Lift the wiper arm(s) up and remove the worn wiper blade(s). Install the new wiper blade(s) and lower the wiper arm(s).
4. After replacing the wiper blade either:
 - Turn the ignition key back through to position 'II' to lower the wiper arms. Return the ignition key to position 'O' or remove.
 - Operate the wiper stalk - the wiper arms will complete the request and then park.

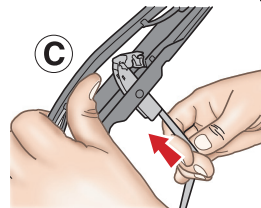
A



B



C



Brake Pad 'Bedding-in'

Failure to 'bed-in' new brake pads will result in reduced brake performance and possible brake judder.

After the installation of new brake pads, brake performance will be limited, as the brake rotors and pads need to be 'Bedded-in'. For the first few hundred miles / kms 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 11.6).

Tire Pressures

Ensure that correct tire pressures are carefully maintained (Refer to 'Tires', page 11.6). 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, ensure 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 car 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 6 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 ensure 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.



US Department of Transportation

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 ($1\frac{1}{2}$) 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.



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 car tires must meet under the Federal Motor Safety Standard No. 109.



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.

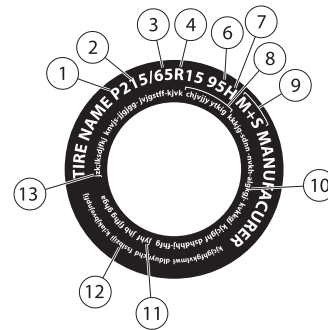
Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

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 incase of a recall.

Information on 'P' Type Tires

'P215/65R1595H' 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 side wall edge to side wall 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.

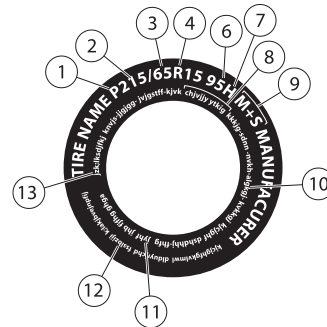
You may not find this information on all tires because it is not required by federal law.

- 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 m.p.h. (130km/h) to 186 m.p.h. (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 m.p.h. (130 km/h)
N	87 m.p.h. (140 km/h)
Q	99 m.p.h. (159 km/h)
R	106 m.p.h. (171 km/h)
S	112 m.p.h. (180 km/h)
T	118 m.p.h. (190 km/h)
U	124 m.p.h. (200 km/h)
H	130 m.p.h. (210 km/h)
V	149 m.p.h. (240 km/h)
W	168 m.p.h. (270 km/h)
Y	186 m.p.h. (299 km/h)

For tires with a maximum speed capability over 149 m.p.h. (240 km/h), tire manufacturers sometimes use the letters ZR. For those with a maximum speed capability over 186 m.p.h. (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.

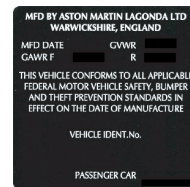
12 ***Treadwear, Traction and Temperature Grades*** - (Refer to 'US Department of Transportation', page 10.16).

13 ***Maximum Permissible Inflation Pressure*** - (Refer to 'Maximum Permissible Inflation Pressure', page 10.22)

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 / 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: Ensure the payload (cargo + occupants) does not exceed this limit ((Refer to 'Payload', page 10.21))

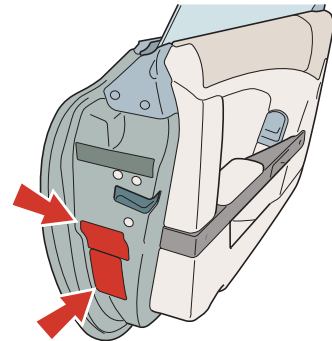
Tire sizes: The size of tires to be used on this vehicle (Refer to 'Wheels and Tires', page 10.14).

Cold inflation pressure: The maximum recommended tire inflation pressure (Refer to 'Wheels and Tires', page 10.14).

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. $(661 - 600 (4 \times 150) = 61 \text{ lb.})$. In metric units $(300 - 272 (4 \times 68) = 28 \text{ kg.})$.

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 and / 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 11.6)

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

Warning

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.

Warning

Do not spin the wheels at over 35 m.p.h. (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

Snow tires must be used in vehicle sets, that is, installed on all four wheels. Do not exceed the tire speed rating when using winter tires.

⚠ Warning ⚠
Maximum speed with winter tires is 168 m.p.h. (270 kph).

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 m.p.h. (48 km/h). Remove the snow spiders immediately the roads are clear of snow.

Ensure the installation instructions supplied with the snow spiders are kept in a safe place.

Tire Sealant Kit

⚠ Warning ⚠
Read the instructions and warnings carefully before using the tire Sealant System.

- Ensure 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
- Read the user instructions and warnings on the system
- The system should only be used between – 40°F and 158°F (– 40°C and 70°C)

- 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 tire if they are still lodged in the tire
- A maximum speed of 50 m.p.h. (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 Roadside Assistance scheme

- 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 ft.³ (50 liter) (air mattresses, rubber boats, etc.). Do not let the system pump air for more than 10 minutes without switching it off and allowing it to cool down

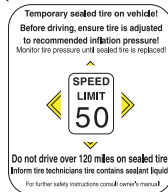
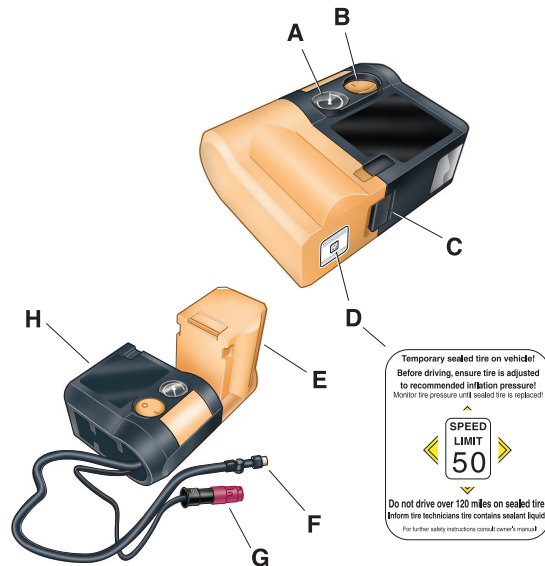
⚠ Warning ⚠

Do not use the system to seal a tire that was damaged while driving with insufficient air pressure (e.g. tire cuts, cracks, bumps or similar damage). Do not use the system to seal tires with sidewall damage. Only punctures in the tread area of tires may be sealed.

Sealing a Punctured Tire

1. Remove speed label (D) from the system and place it on the steering wheel, below the metal ring (1), as a reminder to not exceed the Maximum speed.
2. Ensure that the orange On / Off switch (B) is in the '0' position.
3. Remove the lead (G) and the hose (F) from the compartment (H) on the side of the system.





4. Remove the valve cap from the punctured tire and screw the hose (F) of the system onto the tire valve.
5. Place the lead plug (G) into the accessory socket of the vehicle.
6. Release the safety latch (C) and turn the orange part of the system through 90° (E), so that the orange part is in the vertical position.

⚠ Warning ⚠
It is dangerous to inhale car fumes. Do not leave the engine running in closed or insufficiently ventilated areas.

7. Start the engine of the vehicle (Only if the vehicle is in an open and well ventilated area).

⚠ Warning ⚠
Do not stand directly beside the tire while the compressor is pumping. Watch the sidewall of the tire. If there are any cracks, bumps or similar damage turn off the compressor. The journey should not be continued. Contact your nearest Aston Martin Dealer.

8. Turn the orange On / Off switch (B) to position 'I'.

While pumping the sealant through the tire valve a temporary pressure of 60-90 psi (4-6 bar) may arise. After approximately 30 seconds this pressure will drop.

9. Inflate the tire for 7 minutes. Switch off the compressor briefly by pressing 'O' so as to be able to read the actual tire inflation pressure on the gauge (A).

⚠ Warning ⚠

If a tire pressure of 26 psi (1.8 bar) cannot be reached in 7 minutes then the tire can not be sealed. Do not attempt to reinflate the tire. Contact your nearest Aston Martin Dealer.

10. If a tire inflation pressure of 26 psi (1.8 bar) is reached, unscrew the hose from the tire valve and screw on the valve cap.

11. Remove the lead from the accessory socket. Return the orange part of the system to its original position and fasten the latch. Stow the system safely in vehicle.

12. Immediately continue with your journey for approximately 2 mile (3 km) at a maximum speed of 50 m.p.h. (80 km/h) to allow the sealant to seal the puncture.

⚠ 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.

13. Stop after driving for approximately 2 mile (3 km) and re-check the tire pressure by following these steps:

- 13.1 Connect the hose to the tire valve.
- 13.2 Plug the lead plug into the accessory socket.
- 13.3 Read the pressure off the pressure gauge.

14. If the tire pressure is more than 19 psi (1.3 bar) then switch the system on and inflate the tire to the required tire pressure (Refer to 'Tires', page 11.6) (Pump for approximately 2 minutes.) Use the pressure release valve on the hose (F) if the tire pressure is too high.

15. Remove the hose from the tire valve, replace the valve cap, disconnect the lead and stow the system safely in the vehicle.

⚠ Warning ⚠
After a longer period of rest, the tire pressure should be rechecked.

16. After using the system the hose and connected parts must be exchanged. The sealant bottle and replacement parts can be obtained and exchanged at your Aston Martin Dealer.

To Pump Air Only

1. Ensure that the orange On / Off switch (B) is in the 'O' position.
2. Remove the lead and the hose from the compartment (H) on the side of the system.
3. Connect the hose to the valve
4. Do not release the safety latch (C) and do not turn the orange part of the system into the 90° position (E). The orange part should be in the horizontal position.
5. Place the lead plug (G) into the accessory socket of the vehicle.

⚠ Warning ⚠
It is dangerous to inhale car fumes. Do not leave engine running in closed or insufficiently ventilated areas.

6. Start the engine of the car (Only if the car is in an open and well-ventilated area).
7. Turn the orange On / Off switch (B) to the 'I' position.
8. Inflate the item to the required pressure.

⚠ Warning ⚠
Do not inflate items with pressure requirements of more than 58 psi (4 bar).

9. Turn the orange On / Off switch (B) to the 'O' position when the required pressure has been reached.

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 ensure the vehicle is not lashed down, to the transporter, by the suspension control arms.

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:

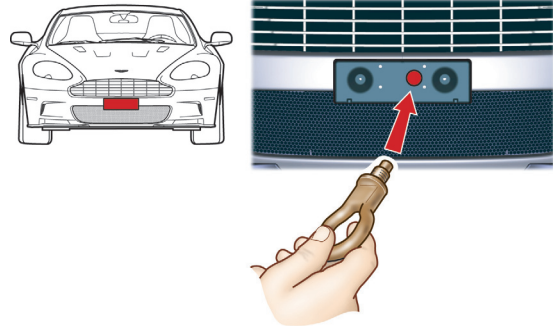
Power braking and power steering are not available with the engine turned off. Substantially higher brake pedal pressures and steering effort are required.

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 number 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'. Turn the vehicle key to position 'I'.
4. When being towed use the parking brake or footbrake very gently as required to prevent excessive slack in the tow rope.



If a transmission fault is present, this vehicle must be transported.

Battery Warnings

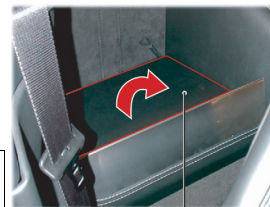
The following warnings are located on the vehicle battery.



Battery

The engine must never be run with the battery disconnected.

The battery (A) is maintenance free and should only require checking by your Aston Martin Dealer during regular vehicle services.



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.

Warning

Battery posts, terminals and related accessories contain lead and lead compounds. Wash hands after handling.

Warning

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.

⚠ Warning ⚠

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 / or damage to the vehicle or battery. Lift the battery with a battery carrier or with your hands on opposite corners.

⚠ Warning ⚠

Keep batteries out of reach of children.

⚠ Warning ⚠

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, call a physician immediately.

Battery Disposal

Always dispose of automotive batteries in a responsible manner.

Follow your local authorized standards for disposal. Call your local authorized recycling center to find out more about recycling automotive batteries.

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 10.33) or the Battery Disconnect switch being activated (Refer to 'Battery Disconnect Switch (BDS)', page 10.35).

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) or the BDS (mains power not 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 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.

This vehicle has two methods of maintaining battery charge at an acceptable level if the vehicle is unused for long periods of time.

- Battery Conditioner (mains power required)
- Battery Disconnect Switch (BDS)



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.

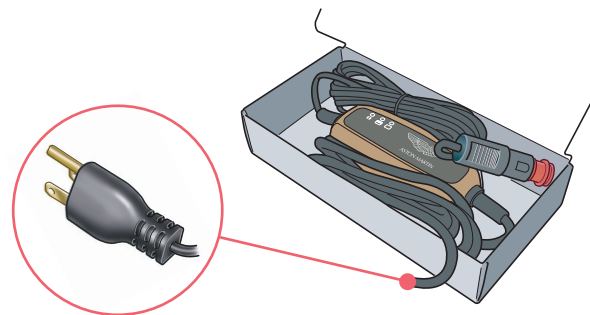
⚠ Warning ⚠
Do not attempt to start the vehicle with the battery conditioner connected to the mains supply.

⚠ Warning ⚠
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.

Ensure 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.

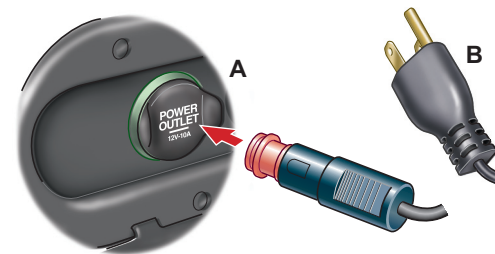
When connected the battery conditioner will maintain a small trickle charge to keep the battery in a fully charged state. The battery conditioner may be left in this state indefinitely.

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 'Leaving the Trunk Open While the Vehicle is Locked', page 2.11).



To remove the battery conditioner first disconnect from the mains supply, then from the vehicle socket.

Battery Disconnect Switch (BDS)

If this vehicle is not going to be used for a period of time, and **mains power is not available**, use the Battery Disconnect Switch (BDS) to shut down all electrical systems, except:

- Clock
- Alarm functions
- Engine immobilizer (PATS)
- Door window memory
- Vehicle access, via the vehicle key

This will allow this vehicle to remain unused for up to 70 days (approx.) without any long term damage to the battery.



Once the BDS is activated the glovebox is locked (for added security). The Owner's Guidebook will not be accessible.

To reactivate the electrical systems unlock the vehicle, open the driver's door and insert the vehicle key into the Start Control.

The radio preset stations will require reprogramming (Refer to 'Audio', page 7.1)

FAQ

Can the BDS be activated while driving?

No - The BDS can not be activated while the ignition is in positions 'I' and 'II'.

What if I press the BDS by accident?

In this situation you would not be able to start the vehicle. To reactivate the electrical systems insert the vehicle key into the Start Control.

Battery Protection Mode

Using the vehicle electrical systems, i.e. the infotainment system, with the vehicle key at ignition position 'I' (engine off) will drain the battery charge. Eventually the battery will drain to such a low level that it will not start the engine.

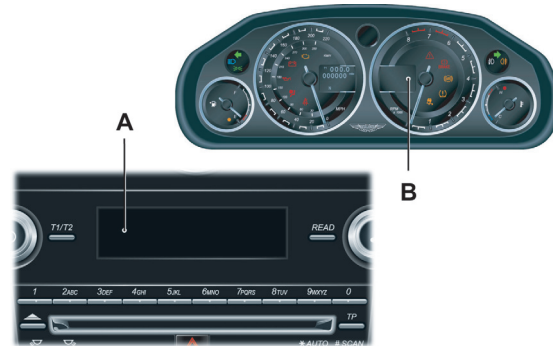
Replace the battery as soon as possible, if the battery is not capable of starting the engine.

To avoid this happening, a series of safety mechanisms shut down non-essential electrical systems before excessive battery drain takes place.

Warning messages will appear indicating the state of the battery charge.

FAQ

What is the first indication of battery protection mode?



A - 'Warning - Low Battery' (For 10 seconds).

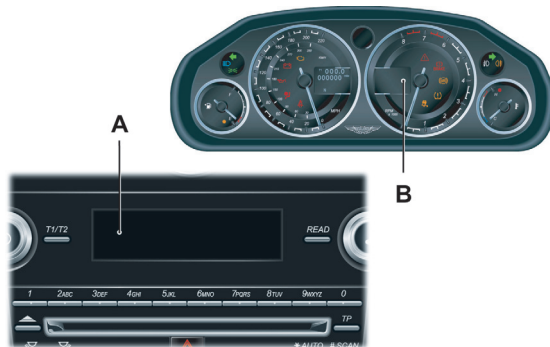
B - 'Low Battery'.

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
- Radio Tuner

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 approx. 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 10.38).

Replace the battery as soon as possible, if the battery is not capable of starting the engine.

Electrical Start From Another Vehicle

(Jump Start)

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).



Warning

The donor vehicle must have a 12 volt battery and a negative (-), black earth terminal to ensure that the correct battery polarity is maintained.

Jump Start Procedure

1. Position the vehicles so that the connecting cables will reach into the recipient engine bay. Apply the parking brake and switch off the ignition.

Remove rings, metal watch bands and any other jewelry.

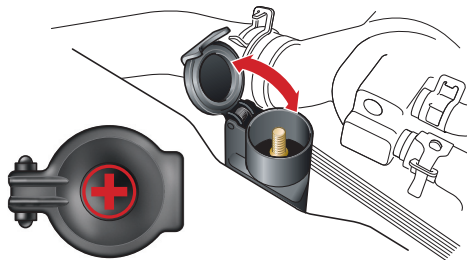
Turn off all electrical motors and ancillaries in both vehicles.

Switch off all lamps except those needed to protect vehicles or illuminate work area.

2. Access the jump start terminal in the recipient engine bay.

¹. A battery conditioner is designed for conditioning of partially or fully charged batteries. It will not effectively charge a discharged battery.

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 r.p.m.
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.

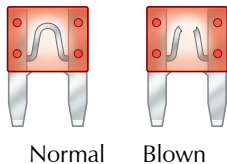
If this vehicle will not start consult your Aston Martin Dealer.

Contact your Aston Martin Dealer to have the battery checked or replaced.

Fuses

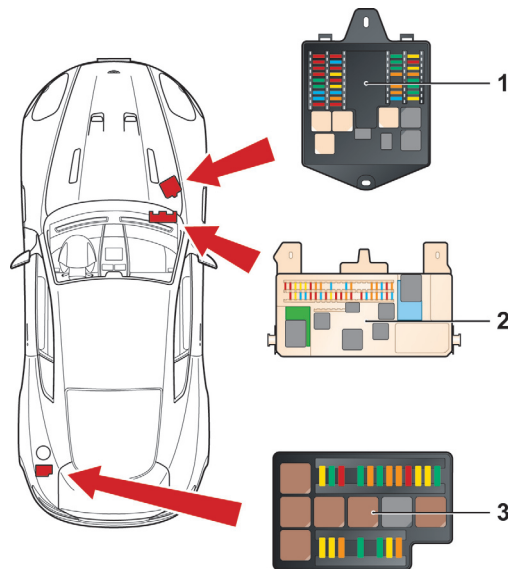
The electrical system is protected by fuses. If any lamps, accessories, or controls don't work, inspect the appropriate circuit protector.

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

- 1 Engine Bay fuse box (Passenger Side).
- 2 Cabin fuse box (Passenger Footwell).
- 3 Trunk fuse box (LH side of trunk).



Engine Bay Fuses

Fuse	Rating	Function
F1	10A	Keep alive power PCM (Bank B)
F2	10A	Not Available
F3	10A	Not Available
F4	20A	Engine management (PCM A)
F5	20A	Engine management (PCM B)
F6	15A	Exhaust Gas Oxygen (HEGO) sensors / Catalyst monitor sensor (CMS) (Bank B)
F7	15A	Coils 7-12 / Suppressor solenoids (Bank B)
F8	10A	Engine coolant level sensor
F9	20A	Injectors 7-12 / Mass air flow sensor (MAF) (Bank B)
F10	10A	A/C clutch

Engine Bay Fuses			Engine Bay Fuses			Engine Bay Fuses		
Fuse	Rating	Function	Fuse	Rating	Function	Fuse	Rating	Function
F11	15A	Horn	F19	30A	ABS module / Battery feed	F29	25A	Not Available
F12	10A	Keep alive power PCM (Bank A)	F20	30A	ABS module / Battery feed	F30	5A	Not Available
F13	20A	Injectors 1-6 / Mass air flow sensor (MAF) (Bank A)	F21	30A	Not Available	F31	30A	Not Available
F14	10A	Vapour Management valve (VMV) (Bank A)	F22	5A	Not Available	F32	30A	Wiper motor (slow)
F15	25A	Starter motor solenoid	F23		Not Available	F33	30A	Wiper motor (fast)
F16	15A	Coils 1-6 / Suppressor solenoids (Bank A)	F24	5A	Not Available	F34	20A	Electric steering column lock
F17	5A	Airbox splitter solenoids	F25	5A	Not Available	F35	80A	Cooling fan module
F18	15A	Exhaust Gas Oxygen (HEGO) sensors / Catalyst monitor sensor (CMS) (Bank A)	F26	20A	Headlamp wash pump			
			F27	25A	Not Available			
			F28	10A	ABS module, Steering angle sensor / Vehicle key reader / Fuel tank diagnostics			

Cabin Fuses		
Fuse	Rating	Function
F43	10A	Multi media module display / Media player / Intergrated audio module
F44	10A	Airbag module
F45	15A	Not Available
F46	5A	Driver Information / Master lamp switch / Glove box solenoid / Battery off switch / Master locking switch / Center console module
F47	5A	Glove box switch / Fuel flap release / Garage door opener / Interior lamps (front / footwell / rear) / Trunk lamps / Seat switches / Trunk accessory socket illumination

Cabin Fuses		
Fuse	Rating	Function
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 module / Adaptive damping switch
F52	5A	Not Available
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

Cabin Fuses		
Fuse	Rating	Function
F56	10A	Centre console module / Sounder module / Hands-free phone module
F57	15A	Diagnostic connectors / Brake pedal switch
F58	7.5A	High beam (RH) / Headlamp Leveling module
F59	7.5A	High beam (LH)
F60	15A	Drivers seat heater
F61	15A	Passenger seat heater
F62	20A	A/C module
F63	20A	Adaptive damping module

Cabin Fuses			Cabin Fuses			Cabin Fuses		
Fuse	Rating	Function	Fuse	Rating	Function	Fuse	Rating	Function
F64	5A	Global positioning system module	F72		Not Available	F81	20A	Key Docking Station switch (Start Control)
F65	5A	Multi media module / Multi media display / Integrated audio module / AM/FM antenna amplifiers	F73	5A	Not Available	F82	25A	Passenger door module
F66	10A	Auxiliary socket module	F74	15A	Fuel pump	F83	25A	Driver door module
F67	15A	Not Available	F75		Not Available	F84	25A	Passenger seat
F68	5A	Not Available	F76		Not Available	F85	25A	Driver seat
F69	5A	Not Available	F77	15A	Rear power socket / Battery disconnect module	F86	5A	Key Docking Station switch (Start Control)
F70	15A	Not Available	F78		Not Available			
F71		Not Available	F79	5A	Reversing Lamps / Parking Aid Module / Garage Door Opener			
			F80	5A	Battery 'Off' switch			

Trunk Fuses	Trunk Fuses	Trunk Fuses
Fuse Rating Function	Fuse Rating Function	Fuse Rating Function
F1 5A Not Available	F10 30A Not Available	F17 5A Trunk lamps / Trunk power socket illumination
F2 20A Not Available	F11 20A Not Available	F18 30A Audio amplifier
F3 30A Heated rear window	F12 20A Not Available	F19 5A Not Available
F4 20A Not Available	F13 10A Not Available	F20 10A Not Available
F5 30A Audio amplifier	F14 5A Not Available	F21 30A Not Available
F6 20A Not Available	F15 5A Not Available	F22 20A Exhaust bypass valve and vacuum pump
F7 5A Not Available	F16 30A Not Available	
F8 30A Fuel pump module (Bank B)		
F9 30A Fuel pump module (Bank A)		

Bulbs

Bulb Kit

Any bulb used from the kit should be replaced at the earliest opportunity so that a full bulb kit is always available.

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))

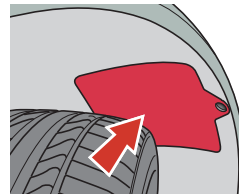
Headlamp Units: Condensation

The headlamp units will generate condensation under certain conditions. However, this should clear after approximately 10 minutes.

Headlamp Bulbs

The headlamp bulbs are accessed through an access panel in each wheel arch liner.

Turn the steering to the opposite lock from 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.

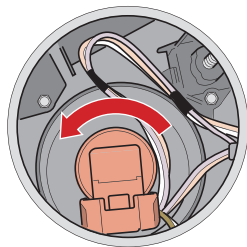
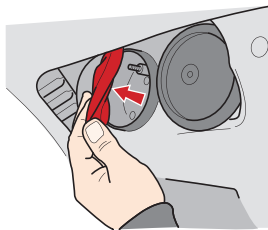


Main Beam Bulb

⚠ 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 anti-clockwise. 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.

Bulb specification - (Refer to 'Bulbs', page 11.7)

Dipped Beam Bulb

High Intensity Discharge (HID) bulbs are used for dipped beam.



Warning

High Intensity Discharge (HID) bulbs produce a very high voltage. They should only be serviced by an Aston Martin Dealership.

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.

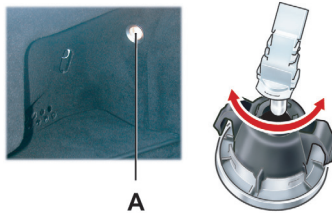
Bulb specification -
(Refer to 'Bulbs',
page 11.7)



Trunk Lamp

1. Taking care not to damage the vehicle trim, lever out the lens unit (A).
2. Twist, anti-clockwise, 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 11.7)

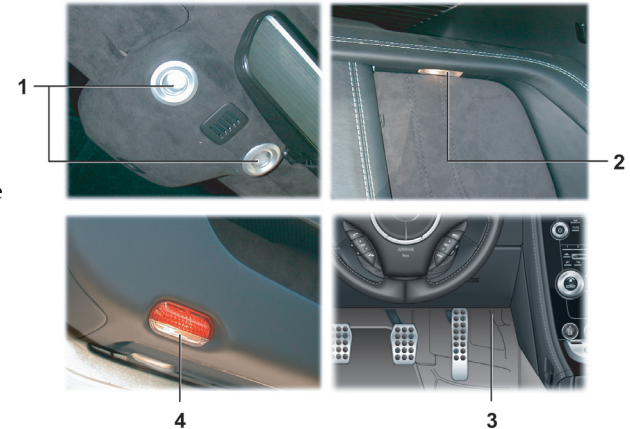


Interior Lamps

- 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 11.7)



Rear Lamps

The Indicators, Stop / 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.

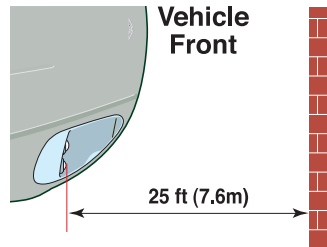
The high level mounted stop lamp unit consists of LEDs and is not repairable.

LEDs can last tens of thousands of hours and are resistant to heat, cold, shock and vibration.

If a rear lamp fails contact your Aston Martin Dealer.

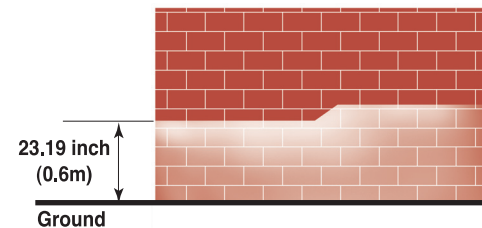
Headlamp Alignment

Headlamp aim check / 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 illuminated.
2. Measure the height of the LH 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 RH and LH headlamps.



Adjustment



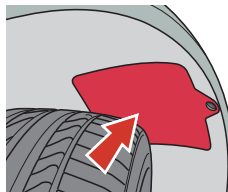
Never allow anyone to turn the steering wheel whilst working in the road wheel arch.



Never remove the bulb access caps without reading the the bulb replacement instructions.

Should either headlamp require adjustment:

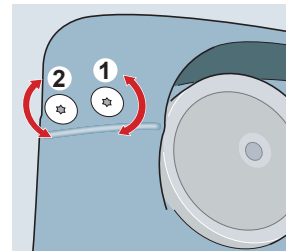
1. Remove the access panel.
Turn the retaining screw 90° anti clockwise using a flat bladed screw driver or coin and pull out the access panel.



2. Adjust the headlamp aim by turning the adjusters using a T-20 torx driver.



- 1 Horizontal aim
- 2 Vertical aim



3. 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.

1. Sit in the driver's seat. Close both doors and switch the ignition to 'O'.
2. 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.
3. 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.
4. The window is now reset. Repeat for the second window.

Bodywork and Fittings

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.

Vehicle Cleaning

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 car using clean warm water with car 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 windshield wipers, causing smears which will reduce visibility, particularly during darkness and in the rain.

Commercially operated automatic car 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 car 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 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 using a soft sponge using cold / 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 rotors Aston Martin recommend that after washing this vehicle, the vehicle should be driven a short distance to ensure that all water / washing product has dried off.

Wash and clean the vehicle's front grill in the same way as the paint work, but ensure 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' car care products or preparations of similar reputable manufacture for adding to the washing water.

During the winter months, it is advisable to wash the car more frequently, paying particular attention to the underside to combat the detrimental effects of any salt and sand contamination picked up from treated roads.

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.

Upholstery, Carpets and Seats

The seats and soft trimmed components of this vehicle are covered in natural leather hide from Bridge of Weir.

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 damped 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 car 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

To ensure that restraint webbings are in proper working order, regularly check the seat belts. Look for fraying, cuts, burns and similar problems. Ensure 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.

Do not allow seat belts to be retracted until they are completely dry.

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.

Vehicle Storage

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 ensures complete lubrication of the internal components.
2. Check the engine coolant level. Top up if necessary with the correct antifreeze / 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. If mains power is available, connect and switch on the battery conditioner to maintain the battery in a fully charged state. If mains power is not available, press the battery disconnect switch to reduce quiescent drain to a minimum.

6. Once a month:

- 1 Disconnect the battery conditioner or connect the battery by pressing the battery reconnect switch.
- 2 Start and run the engine until it is fully warmed up.
- 3 Check there are no fluid leaks.
- 4 Switch off the engine.
- 5 Connect the battery conditioner or press the battery disconnect switch.
- 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 your vehicle until there is as small a quantity of fuel in the tank as is practical for storage purposes.
2. Add engine oil to remaining fuel in the tank to ensure a concentration of 2% (i.e. 3 fl/oz. per 2 pints 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 bodywork of vehicle thoroughly and repair any paint blisters or patches of corrosion in order to prevent any further deterioration.
Apply a suitable polish.
5. Clean 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. Ensure 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 Turn on the ignition.
 - 4.3 Press and hold the starter button until normal engine oil pressure is indicated on the oil pressure gauge.
 - 4.4 Release the starter button and accelerator pedal.

5. Start the engine normally and check that the oil pressure and ignition warning lamps go out 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. Carefully test drive the vehicle and check the operation of all functions.

If in any doubt about the condition of your vehicle, have it checked by your Aston Martin Dealer.



ASTON MARTIN



ASTON MARTIN

Specifications

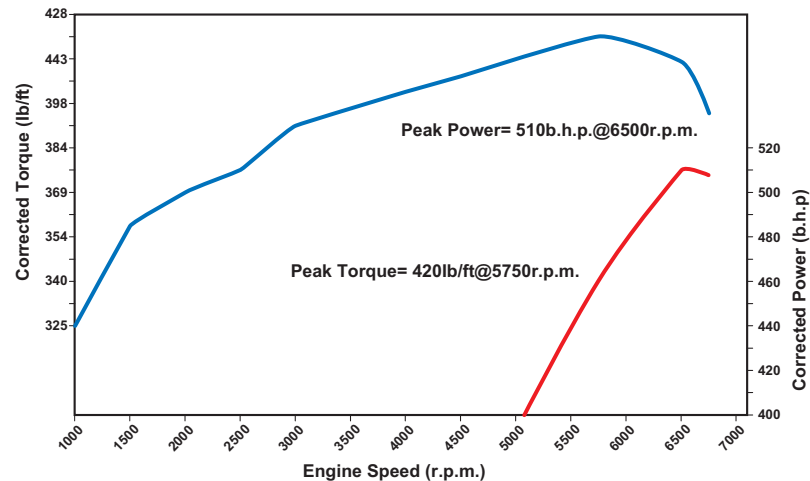
Contents

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Engine			Performance	
All alloy, quad overhead cam 48 valve V12		Compression Ratio	10.7:1	Max Power 510 b.h.p. (380 kw) @ 6500 r.p.m.
Fuel	Recommended Premium Unleaded Gasoline 93 Octane (R+M)/2 for optimum performance 91 Octane (R+M)/2 Premium Unleaded Gasoline minimum	Ignition	'Coil on Plug' ignition system	Max Torque 420 lb./ft. (570 Nm) @ 5750 r.p.m.
Fuel Delivery System	Multi-point sequential fuel injection	Emission control	48 Oxygen sensors (four per exhaust branch) Two three-way catalytic convertors (One per exhaust branch) Evaporative loss purge	Max Speed 186 m.p.h. (300 km/h) (where permitted)
Capacity	5935 cc	Lubrication	Wet sump pressurized lubrication	0-60 m.p.h. 4.7 seconds
Firing Order	1 - 7 - 5 - 11 - 3 - 9 - 6 - 12 - 2 - 8 - 4 - 10			0-100 km/h 4.3 seconds
Idle Speed	750 r.p.m.			Max Engine Speed 7200 r.p.m.
Bore	3.504 in. (89.0 mm)			
Stroke	3.13 in. (79.5 mm)			
Spark Plugs	NGK - PTR7E-13			
Spark Plug Gap	0.05 in. (1.3 mm) (± 0.004 in. (0.1 mm))			

Power and Torque Graph

82% of maximum torque is produced at only 1500 r.p.m.



Electrics

Alternator

Denso SC2 200 Amp

Voltage Regulation

14.4V $\pm$ 0.5V @ 68°F (20°C)

Battery

Varta 90AH.

Transmission

Rear mid-mounted Graziano six speed transmission with integrated shifter bellcrank system (Cable Operated).

Gear Ratios	1st	2nd	3rd	4th	5th	6th
	3.15:1	1.95:1	1.44:1	1.15:1	0.94:1	0.76:1
	Reverse					
	2.39:1					

Final Drive

Ratio	3.70:1
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 it's 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.
Adaptive Damping System (ADS).	

Brakes

Rotors

Front Ventilated Carbon Ceramic discs 15.5 in (398 mm) diameter with six piston callipers.

Rear Ventilated Carbon Ceramic discs 14 in (360 mm) diameter with four piston callipers

Parking brake

Lever and cable operated independent parking brake calipers on each rear brake rotor.

Features

Anti Lock Braking System (ABS), Emergency Brake Assist (EBA), Electronic Brakeforce Distribution (EBD), Dynamic Stability Control (DSC) and Traction Control (TCS).

Wheels

Front Aston Martin aluminum alloy wheels, 8.5 x 20

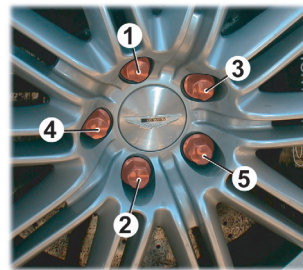
Rear Aston Martin aluminum alloy wheels, 11 x 20

Wheel Nut Torque

Tighten every second nut until all five nuts are tightened.

Tighten all wheel nuts in two stages.

1. To 60 lb. / ft. (80 Nm) in one continuous movement.
2. To 113 lb. / ft. (150 Nm) in one continuous movement.



Tires

**Warning**

Install winter tires to both axles before the onset 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, including winter tires, installed to this vehicle are an approved specification, designated by 'AMS' on the sidewall.

Front Pirelli PZero 245/35 R20

Rear Pirelli PZero 295/30 R20

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 168 m.p.h. (270 km/h).

Front Pirelli W240SN 225/45 R18

Rear Pirelli W240SN 255/40 R18

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

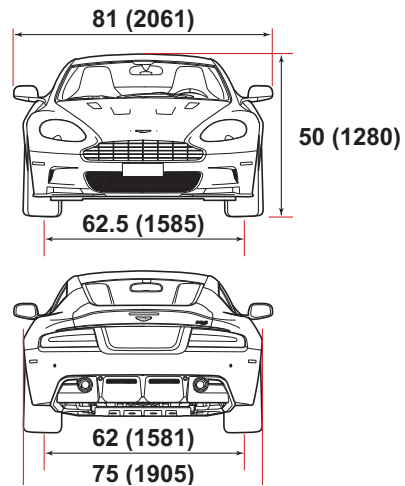
Treadwear 180

Traction Traction AA

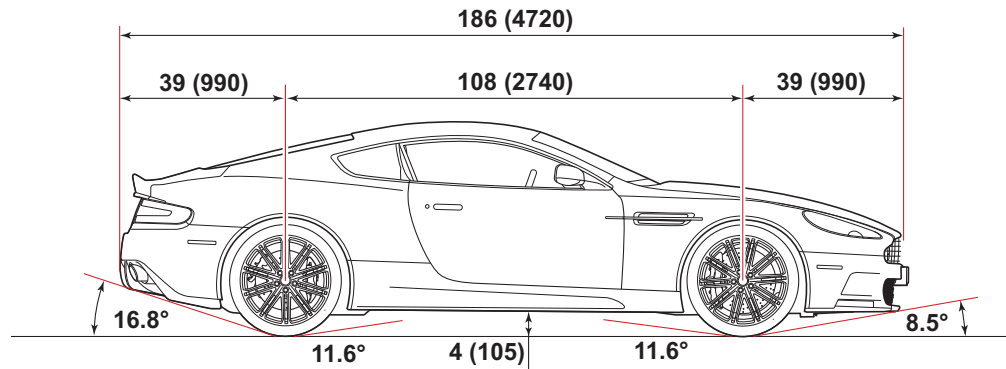
Temperature A

Bulbs			Vehicle Specification	Vehicle Weights	
	Rating	Type	Body • Two door Coupe / 2+0 seating Extruded aluminium bonded monocoque. Aluminium, composite and carbon fibre composite skin panels. Extruded aluminium 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.		Specifications
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			
Trunk lamps	3W	W3W			
Rear environment lamps	5W	W5W			
Side Repeater	5W	LED			
Side marker (front and rear)					
Reading lamps		LED			
High Mounted Stop Lamp		LED			
Registration 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.					

Exterior Dimensions



Inch (mm)

*Ride height is measured at GVW.*

Interior Dimensions		Interior Features	
Effective Headroom	36.7 in. (932 mm)	• Semi Aniline Leather and Alcantara interior • ‘Matrix’ alloy fascia trim and Iridium Silver centre console finish (alternative options) • Carbon Fibre Door Trims and Door Pulls • Air-conditioning • Alarm system interacting with the central locking system and PATS immobilizer system • Driver and passenger side airbags and dual-stage frontal airbags • Sport seats with 10 way electric adjustment, including height, tilt and lumbar adjustment (option) • Memory seats and exterior mirrors (three positions) • Heated seats (two heat levels)	• Organic electroluminescent (OEL) displays • Infotainment center • Audio system with radio, six CD autochanger, iPod / MP3 functions and 700W output, with Dolby Pro Logic II • Hands-free phone system • Menus for Audio, Hands-free phone system and vehicle Security • Hard Disk Drive (HDD) satellite navigation system
Shoulder Room	54.8 in. (1392 mm)		
Hip Room	55.5 in. (1410 mm)		
Effective Legroom	43 in. (1086 mm)		
Trunk Volume	6.6 cu. ft. (186 ltr)		

Exterior Features

- Door mirrors
 - Heated, electrically adjusted
 - Position memory system
 - Powerfold system
 - Auto fold system
 - Reverse dip system
- Electrically operated door windows
- Heated rear window
- Parking sensors (rear only) - (front and rear (option))

Fluids

Engine oil Mobil 1 Recommended (0W-40) and (0W-30)

However, if this oil is unavailable, alternatively 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.

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

To achieve the required high performance of synthetic lubricants, do not mix with mineral oils.

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

Do not mix OAT anti-freeze with glycol based antifreeze.

Gearbox oil / Final drive Shell 'Transaxle' oil 75W/90

Brake / Clutch fluid Castrol Super Response Dot 4

Power steering fluid Texaco Cold Climate

A/C refrigerant HFC134A.

Capacities

Quarts (Liters)

Engine sump (incl. filter) 10.5 (10)

Engine cooling system 15.8 (15)

Screen washer reservoir 7.3 (6.9)

Power Steering reservoir 1.4 (1.3)

Gearbox / Final drive & Cooler 5.3 (5.0)

Gallons (Liters)

Fuel Tank 21 (80)

Approx. 20.5 Gallons (78 liters) usable.



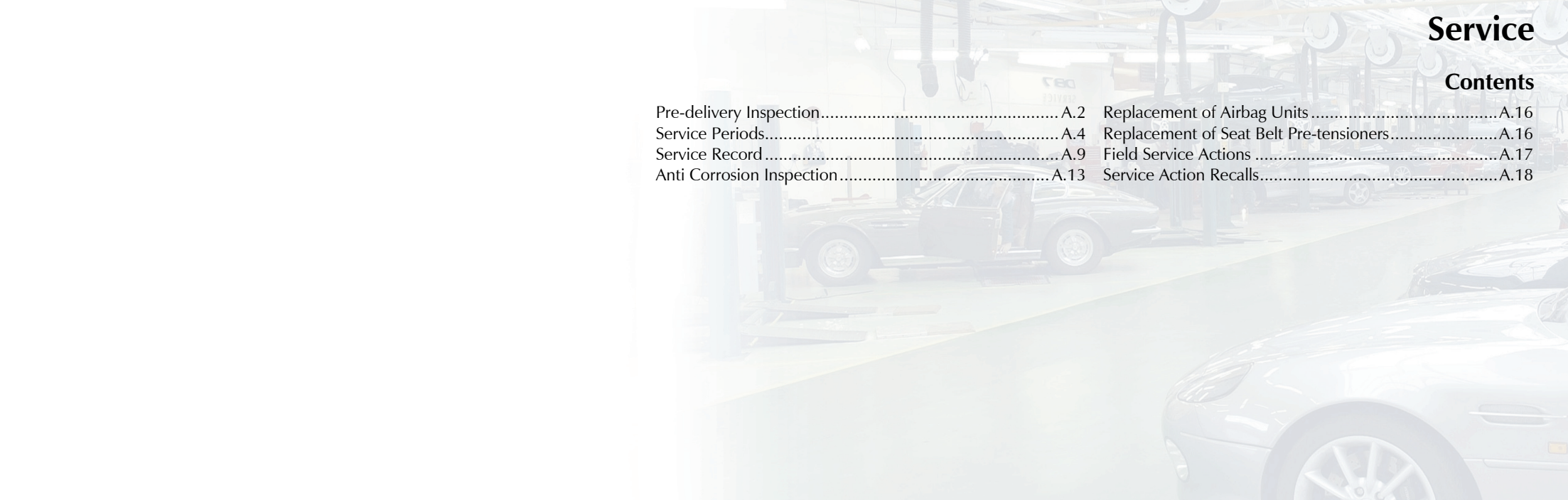
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Service

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Pre-delivery Inspection

This free series of checks is carried out on the car by the Selling Dealer before delivery. The checks ensure that you receive a vehicle which matches the high quality standards set by Aston Martin Limited.

The following checks will be made:

(1) Levels and Leaks

Engine oil.	Windshield washer fluid.
Power steering oil.	Fuel system.
Brake / Clutch fluid.	Transaxle (leak check only).
Engine coolant level.	Battery.
Engine coolant specific gravity.	

(2) Mechanical Functions

Gear selection.	Seat adjuster rails.
Clutch operation.	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, Sat Nav and Hands-Free phone systems.
Heated rear window.	All speakers.
Windshield washers.	Reversing lamps.
Windshield wipers.	License plate lamps.
A/C controls.	Side and headlamps.

(3) Electrical Checks

Brake lamps	Interior lamps.
Hazard warning lamps.	Cigar lighter (option).
Instrument illumination and dimmer.	All seat functions.
Gauges / warning lamps.	Door window mechanisms.
Centre stack controls.	Door / trunk courtesy lamps.
Horns.	Central locking system.
Reset clock (if necessary).	Filler flap lock operation.
Rear fog lamps.	Door mirror adjustments.
Blower motor.	Clutch pedal start inhibit.
Seat belt warning system.	Interrogate DTC codes.
Security system / Vehicle key.	Record battery open-circuit voltage.

(4) Wheels and Tires		(6) Final Checks		Odometer:	
Install locking road wheel nuts (option).	Tire orientation.	Drive belt tensioner operation.	Fuel / fluid leaks.	Applicable Service Actions checked:	YES NO
Check road wheel nuts torque.	Check color coded valve collars (Tire pressure monitoring)	Fuel / brake pipe security.	Security of cooling hoses.	Open Service Actions completed:	YES NO
Tire pressures.			Exhaust catalyst security.		
(5) Road Test		(7) Hand-over Preparation			
Engine.	Gear shift operation in all modes.	Check function of all keys, locks and vehicle key.	Install carpets.	Dealer Stamp Free Pre-delivery Inspection Signature..... Date.....	
Clutch.	Noise, vibration or harshness.	Clean bodywork / road wheel arch liners. Inspect / rectify.	Remove interior protection.		
Transaxle.	A/C performance.	Clean off all transit labels.	Check Owner's Guide.		
Steering.	Instruments operation.	Valet Vehicle.	Check tools.		
Brakes.	Seat belt and buckle operation.	De-grease windshield.	Install License plates.		
Wheel balance.	Steering wheel alignment.		Tire sealant kit.		
Dampers.	DSC / Traction control / ADS.		Towing eye.		
Exhaust by-pass system.	ABS operation.				

Service Periods

Apart from the initial 1,000 mile / 1,500 km / Three month service, which ever occurs first, vehicle servicing is every 10,000 mile / 16,000 km / 12 months, which ever occurs first.

1,000 mile / 1,500 km / Three month (Free)

10,000 mile / 16,000 km / 12 month

20,000 mile / 32,000 km / 24 month

30,000 mile / 48,000 km / 36 month

Which ever occurs first.

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.

Initial 1,000 mile / 1,500 km / Three Month Service (Free)

The selling dealer is responsible for the costs and work involved in performing this free service. The initial service consists of an inspection and oil change service after completion of the first 1,000 mile / 1,500 km / Three month and includes fine adjustments to compensate for initial 'bedding-in' e.g. parking brake adjustment.

Also, engine oil and filter will be changed to clear any contaminants picked up during the initial running.

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.

1000mls 1500km 3 months	10000mls 16000km 12 months	20000mls 32000km 24 months
-------------------------------	----------------------------------	----------------------------------

Pre-Maintenance

x	x	x	Pre-Maintenance Road Test Evaluation
x	x	x	Install vehicle protection kit and fender covers
x	x	x	Check Bulletins / Field Service Actions / Recall status

1000mls 1500km 3 months	10000mls 16000km 12 months	20000mls 32000km 24 months		1000mls 1500km 3 months	10000mls 16000km 12 months	20000mls 32000km 24 months	
Fluids, Filters and Leaks Checks				Every 100,000 mile / 160,000 km / 5 Years			
x	x	x	Renew engine oil	x	x	x	Check / top-up engine coolant
x	x	x	Renew engine oil filter	x	x	x	Check cooling and heating systems for leaks
x	x	x	Check for engine oil leaks	x	x	x	Check for fuel leaks
-	-	x	Renew air cleaner elements	12 Month			Renew brake / clutch fluid
x	x	-	Check transaxle for leaks. Top up if required	x	x	x	Check / top-up brake / clutch fluid reservoir
20,000 mile / 32,000 km / Every 3 Years	60,000 mile / 96,000 km / Every 6 Years	100,000 mile / 160,000 km / Every 10 Years	Check / Top up transaxle oil level	x	x	x	Check / top-up power steering reservoir
Every 40,000 mile / 64,000 km / 4 Years				x	x	x	Check power steering system for leaks
Renew transaxle oil. Clean filter				x	x	x	Check brake hoses, pipes and unions for leaks
				x	x	x	Check suspension dampers for leaks
				x	x	x	Top-up windshield / headlamp washer reservoir
				x	x	x	Check exhaust system for leaks

1000mls 1500km 3 months	10000mls 16000km 12 months	20000mls 32000km 24 months	
x	x	x	Check operation of exhaust by-pass valves
x	x	x	Check A/C system for leaks
-	-	x	Renew pollen filter
Mechanical Function Checks			
-	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	x	Check / adjust drive belt tension, renew if necessary
x	x	x	Adjust parking brake cables, if required
x	x	x	Check parking brake security
x	x	x	Check condition of parking brake pads

1000mls 1500km 3 months	10000mls 16000km 12 months	20000mls 32000km 24 months	
x	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
-	-	x	Renew wiper blades
-	x	x	Inspect coolant radiator, A/C condenser and transmission cooler. Clean if required
x	x	x	Check condition and operation of all seat belts
x	x	x	Check security of exhaust system mountings and heat shields
x	x	x	Check brake hoses, pipes and unions
x	x	x	Check power steering pipes and unions for corrosion and mechanical defects
x	x	x	Check security and condition of fuel hoses
x	x	x	Check cooling system hoses security and condition

1000mls 1500km 3 months	10000mls 16000km 12 months	20000mls 32000km 24 months		1000mls 1500km 3 months	10000mls 16000km 12 months	20000mls 32000km 24 months	
x	x	x	Check A/C hoses security and condition	x	x	x	Clean and grease battery connections
x	x	x	Check condition and security of steering unit joints and gaiters	x	-	x	Check and if necessary adjust headlamp alignment
x	x	x	Check security and condition of suspension ball joints, gaiters and bushes	x	x	x	Check operation of all lamps
x	x	x	Check security and condition of suspension fixings	x	x	x	Check operation of ABS warning lamp
-	-	x	Check tightness of driveshaft bolts	x	x	x	Check operation of all warning indicators
x	x	x	Check interior rear view mirror for security and function	x	x	x	Check audible warnings including security system
-	-	x	Check the condition of wheel arch liners	x	x	x	Check operation of the horns
Every 40,000 mile / 64,000 km / 4 Years			Clean throttle butterflies	x	x	x	Check operation of the windshield wipers
Electrical Function Checks				x	x	x	Check exterior rear view mirrors for security and function
x	x	x	Check DTC's. Rectify faults if required	x	x	x	Check service interval indicator. Reset
70,000 mile / 112,000 km			Renew spark plugs	x	x	x	Check / operate battery disconnect switch
x	x	x	Check / record battery voltage	-	-	x	Replace vehicle key battery

1000mls 1500km 3 months	10000mls 16000km 12 months	20000mls 32000km 24 months	
x	x	x	Check / operate electric windows
x	x	x	Check / operate powerfold mirrors
x	x	x	Check windshield washers and jets
Wheels and Tire Checks			
x	x	x	Check for correct tire size, type and orientation
x	x	x	Check color coded valve collars for correct location (tire pressure monitoring)
x	x	x	Check and report tire tread depth
x	x	x	Check tires for uneven / excessive wear or damage
x	x	x	Check / adjust tire pressures
x	x	x	Check torque of road wheel nuts
x	x	x	Check road wheel rims for inner and outer damage.
x	x	x	Check operation of tire pressure sensors
x	x	x	Check ‘use by’ date of tire sealant kit

1000mls 1500km 3 months	10000mls 16000km 12 months	20000mls 32000km 24 months	
Anti Corrosion Check			
	x	x	Check body panels and underbody for corrosion starting from the inside - out (excluding stone chips)
Final Checks			
x	x	x	Degrease windshield
x	x	x	Carry out road test
x	x	x	Check ABS and Traction Control operation
x	x	x	Check operation of all seat belts and buckles
x	x	x	Check that fuel filler bowl rain drain is clear

Service Record

The following service records cover the Initial 1000 mile / 1500km / Three month service and then the regular services at 10,000 mile / 16,000 km / 12 months, which ever occurs first, intervals. Ensure that at each service the appropriate entry is stamped and signed as completed.

Vehicle
Identification
Number:

Date of Delivery:

If the initial free 1000 mile / 1500km / Three month service is carried out by an Aston Martin Dealer other than the selling Dealer - Ensure that the tear off sheet is completed and returned to the selling Dealer with the invoice.

Return Slip

Odometer:

YES NO

Applicable Service Actions checked:

YES NO

Open Service Actions completed:

Odometer:

YES NO

Applicable Service Actions checked:

YES NO

Open Service Actions completed:

Dealer Stamp

Free

**Initial 1,000 mile / 1,500km /
Three Month Service**

Signature..... Date.....

Dealer Stamp

**Initial 1,000 mile /
1,500km /
Three Month Service**

Signature..... Date.....

VIN:

Service

DBS



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Odometer:

Applicable Service Actions checked: YES NO

Open Service Actions completed: YES NO

Dealer Stamp

**10,000 mile / 16,000 km /
12 month**

Signature..... Date.....

Odometer:

Applicable Service Actions checked: YES NO

Open Service Actions completed: YES NO

Dealer Stamp

**20,000 mile / 32,000 km / 24
month**

Signature..... Date.....

Odometer:			Odometer:			Odometer:		
Applicable Service Actions checked: YES NO			Applicable Service Actions checked: YES NO			Applicable Service Actions checked: YES NO		
Open Service Actions completed: YES NO			Open Service Actions completed: YES NO			Open Service Actions completed: YES NO		
Dealer Stamp 30,000 mile / 48,000 km / 3rd year Signature..... Date.....			Dealer Stamp 40,000 mile / 64,000 km / 4th year Signature..... Date.....			Dealer Stamp 50,000 mile / 80,000 km / 5th year Signature..... Date.....		

Service



Odometer:			Odometer:			Odometer:		
Applicable Service Actions checked	YES	NO	Applicable Service Actions checked	YES	NO	Applicable Service Actions checked	YES	NO
Open Service Actions completed	YES	NO	Open Service Actions completed	YES	NO	Open Service Actions completed	YES	NO

Dealer Stamp 60,000 mile / 97,000 km / 6th year Signature..... Date.....	Dealer Stamp 70,000 mile / 113,000 km / 7th year Signature..... Date.....	Dealer Stamp 80,000 mile / 129,000 km / 8th year Signature..... Date.....
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Anti Corrosion Inspection

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.....

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 ensure 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 ensure 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.....

Field Service Actions

Action No. Date Dealer

Action No. Date Dealer

Action No. Date Dealer

Service

DBS

Service Action Recalls

Recall No.	Date	Dealer
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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 remain 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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Warranty

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Aston Martin Warranties

This section 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 section with care to familiarize yourself with the benefits available under the various warranties.

Warranty Communications

Any Warranty communications should initially be addressed to your Aston Martin Dealer. If necessary, you may communicate with Aston Martin at the appropriate address listed.

Customer Service Manager
 Aston Martin North America
 One Premier Place
 Irvine
 CA 92618

Aston Martin Warranty Department
 Aston Martin Lagonda Limited
 Banbury Road,
 Gaydon,
 WARWICK
 Warwickshire,
 CV35 0DB,
 England

Warranties

All Aston Martin warranties are issued by Aston Martin North America Inc., the sole authorized United States agent of Aston Martin vehicles, and cover only vehicles originally specified and built by Aston Martin for the United States and Canadian markets.

Aston Martin warranties are in favour of the original purchasers and each subsequent owner during the respective Warranty period.

Aston Martin warranties are effective and will be honoured only in the United States and Canada. Outside the United States and Canada, all Aston Martin Warranty service and repair will be performed in accordance with the terms and conditions of the Aston Martin United Kingdom Warranty issued by the vehicle manufacturer.

The United Kingdom Warranty covers the vehicle (with some restrictions) for a period of three (3) years, unlimited mileage from the date of first retail delivery. Details of the U.K. Warranty will be provided upon request.

A summary of Aston Martin warranties applicable to this vehicle follows:

New Vehicle Limited Warranty

Bumper to bumper Three years / Unlimited mileage

Vehicle Corrosion Protection Warranty

Period of cover 10 years / Unlimited mileage

Vehicle Emission Warranties (Federal)

Emissions Defects Warranty Two years / 24,000 mile (38,500 km)

Certain emission parts^a Eight years / 80,000 mile (129,000km)

Emissions Performance Warranty Two years / 24,000 mile

^a. Catalytic convertor and electronic emissions control unit (required eight years / 80,000 mile (129,000 km) coverage per Clean Air Act).

Vehicle Emission Warranties (Californian Vehicles)

Emissions Defect Warranty

Short Term	Three years / 50,000 mile (80,000 km)
Long Term ^a	Seven years / 70,000 mile (113,000 km)

Emissions Performance Warranty Three years / 50,000 mile (80,000 km)

^a. 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.

New Vehicle Limited Warranty

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.

Limitation of Remedies

Under the 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.

Implied Warranties; Consequential Damages

Under the law of some states, the owner may be entitled to the benefit of the implied warranties of merchant ability 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.

New Vehicle Limited Warranty Statement

Aston Martin does not accept responsibility under any of the warranties for any consequential damage or commercial loss to the owner, or any incidental expenses, loss of time, or inconvenience.

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 the owner. This Warranty gives owners specific legal rights, and they may also have other rights that vary from state to state.

Aston Martin warrants that during the Warranty period, if an Aston Martin vehicle is properly operated and maintained, 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.

Aston Martin and your Aston Martin Dealer are not responsible for any time that you lose, for any inconvenience you might be caused, for the loss of your transportation, or for any other incidental or consequential damages you may have.

The Warranty period for the vehicle begins on the date of first retail sale, or on the date of entry into demonstrator service whichever comes first.

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 and items such as lubricants, normal maintenance items, regularly scheduled maintenance parts and labour.

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.

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.

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.

Wear and Tear 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 bulbs and instrumentation illumination bulbs are covered by the full vehicle warranty.

- Wheel alignment / balancing
- Adjustments, including but not limited to: headlamp and hinged panel adjustments, suspension tightening, steering geometry adjustments, emission / 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.

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.

What is Not Covered

Excluded Categories of Vehicle

The following categories of vehicle are excluded from the provisions of the Aston Martin warranties:

- Vehicles sold for hire
- Vehicles used for motor sport and track events.

Damage Caused by Accident, Alteration or Misuse.

Examples include, but not limited to:

- 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

- Alteration or modification of the vehicle, including changes to the body, chassis, or components after the vehicle leaves the control of Aston Martin, 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 improper fuel or fluids or application of unauthorized chemicals by the customer

Damage Caused by Use and / or the Environment

Surface rust and deterioration of paint, trim, and appearance items that result from use and / or exposure to the elements are not covered.

Examples:

- Stone chips, scratches
- Road salt, tree sap
- Lightning, hail damage
- Earthquake damage
- Dints or dents
- Bird droppings
- Windstorm damage
- Water or flood damage

Damage Caused by Failure to Maintain or Improper Maintenance

Damage caused by failure to maintain the vehicle, improper maintenance of the vehicle, or using the wrong fuel, oil, lubricants, or fluids is not covered.

Refer to the Owner Maintenance section for correct fluid levels, and for proper ways to maintain your vehicle.

Examples of important maintenance procedures that need to be done correctly are:

- Oil changes
- Engine tune-up
- Cleaning and polishing
- Oil & air filters
- Oils, lubricants and other fluids
- Wiper blades, brake pads / linings

Other Items and Conditions Not Covered by This Warranty

- Non-Aston Martin parts of your vehicle that are installed by retailers, body shops or manufacturers other than an Aston Martin Dealer
- Damage to, or caused by, non-approved accessories such as alarms, telephones, etc.

- Damage to, or caused by, non-approved snow chains or towing devices
- Vehicles titled as follows: dismantled, fired, flooded, junked, rebuilt, reconstructed, or salvaged
- Service adjustments, wear items and alignments after one (1) year or 10,000 mile (16,000 km), whichever occurs first
- 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

Extra-Warranty Adjustment

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 labour, 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 and / or sold by them at any time without incurring any obligation to make the same or similar modifications in vehicles previously manufactured and / or sold by them.

Corrosion Protection Warranty

The vehicles bodywork is protected by an Anti-Perforation Corrosion Warranty. Should any part of the bodywork of the Aston Martin motorcar be perforated by rust corrosion during the applicable warranty period, the panel(s) affected by the perforation will be repaired or replaced.

The term 'perforation' means a hole that is caused by corrosion that penetrates through a body panel from the inside.

Emissions Defect Warranty (Federal)

Under the Emissions Defect Warranty, Aston Martin provides coverage for 2 years or 24,000 mile (whichever occurs first).

During this coverage period, Aston Martin warrants that:

- Your vehicle or engine is designed, built, and equipped to meet - at the time it is sold - the emissions regulations of the U.S. 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 (Refer to 'What is Covered', page C.11)

Under the Emissions Defect Warranty Aston Martin also provides coverage, including labor and diagnosis, for 8 years or 80,000 mile (whichever occurs first) for these emissions parts:

- Catalytic converter
- Electronic emissions control unit (PCM)
- Onboard emissions diagnostic device

Emissions Performance Warranty (Federal)

If your vehicle is registered in a state where the state or local government has an EPA-approved inspection and maintenance program, you may also be eligible for Emissions Performance Warranty Coverage for 2 years or 24,000 mile (whichever occurs first), if you meet certain conditions.

Under Emissions Performance Warranty Coverage, 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 these conditions:

- You have maintained and operated your vehicle according to the instructions on proper care and scheduled maintenance in the Owner's Guide

- Your vehicle fails to conform, during the warranty coverage period of 2 years or 24,000 mile (whichever occurs first), to the applicable national EPA standards
- 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 can include 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 shows your vehicle will pass the applicable state or local government test using test procedures and standards set by the EPA

What is Covered

These parts are covered by both the Emissions Defect Warranty and the Emissions Performance Warranty.

Some items / equipment in this list may not be installed to this vehicle and therefore may not be applicable.

- Air / Fuel Feedback Control System and Sensor
- Altitude Compensation System
- Catalytic Converter
- Cold Start Enrichment System
- Controls for Deceleration
- Distributor Assembly
- Electronic Ignition System
- Electronic Engine Control Sensors and Switches

- 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 Vapor Storage Canister, Liquid Separator and Associated controls
- Ignition Coil and / or Control Module
- Intake Manifold

- Malfunction Indicator Lamp (MIL) System
- PCV System and Oil Filler Cap
- Engine Control Module
- Pulsed Secondary Air Injection Valve / Secondary Air Injection pump and Associated Parts
- Spark Control Components
- Spark Plugs and Ignition Wires
- Throttle Air Control By-pass Valve
- Throttle Body Assembly
- TWC Air Control Valve
- Volume Air Flow Sensor

Also covered by the two emissions warranties are all emissions-related bulbs, hoses, clamps, brackets, tubes, gaskets, seals, belts, connectors, and wiring harnesses that are used with components on the list of parts, above.

Parts replaced on regular maintenance schedules

These parts 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 / Aston Martin Lagonda (North America) Inc. (Refer to 'Warranty Communications', page C.2)

What is Not Covered?

Aston Martin may deny you warranty coverage if your vehicle or a part has failed because of abuse, neglect, improper maintenance, unapproved modifications, or any items included in 'What Is Not Covered' (Refer to 'What is Not Covered', page C.7).

Your Warranty Rights and Obligations

(Applicable if your vehicle is certified for sale in California and registered in California, Massachusetts, or New York).

The California Air Resources Board and Aston Martin 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 'Manufactures' Warranty Coverage', provided there has been no abuse, neglect, or improper maintenance of your vehicle.

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.

Manufacturer's Warranty Coverage

For three years or 50,000 mile (80,000 km) (whichever first occurs):

- If your vehicle fails a Smog Check inspection, all necessary repairs and adjustments will be made by Aston Martin to ensure that your vehicle passes the inspection. This is your emission control system Performance Warranty
- If any emissions-related part 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

For seven years or 70,000 mile (113,000 km) (whichever first occurs):

- If an emission-related part (Refer to 'What is Covered?', page C.14) with coverage for 7 years or 70,000 mile (113,00 km) is defective, the part will be repaired or replaced by Aston Martin. This is your long-term emission control system Defects Warranty

Owner's Warranty Responsibilities

As the vehicle owner or lessee, you are responsible for the performance of the required maintenance listed in your 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 ensure 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 the 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 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 North America Inc. (Refer to 'Warranty Communications', page C.2) or the California Air Resources Board at:

State of California Air Resources Board
Mobile Source Operations Division
P.O. Box 8001
El Monte, California 91731-2990

What is Covered?

The parts on the following list are covered by the Defects warranties that apply to every California model vehicle from, and including, 2004.

Some items / equipment in this list may not be installed to this vehicle and therefore may not be applicable.

- Air / Fuel Feedback Control System and Sensor
- Altitude Compensation System
- Catalytic Converter
- Cold Start Enrichment System

		How Do I Get Warranty Service?
• Controls for Deceleration • Distributor Assembly • Electronic Ignition System • Electronic Engine Control Sensors and Switches • 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 Vapor Storage Canister, Liquid Separator and Associated controls	• Ignition Coil and / or Control Module • Intake Manifold • Malfunction Indicator Lamp (MIL) System • PCV System and Oil Filler Cap • Engine Control Module • Pulsed Secondary Air Injection Valve / Secondary Air Injection pump and Associated Parts • Spark Control Components • Spark Plugs and Ignition Wires • Throttle Air Control By-pass Valve • Throttle Body Assembly • TWC Air Control Valve • Volume Air Flow Sensor	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. Be sure to show the dealer the document that says your vehicle has failed the test. The Aston Martin will decide whether the repair is covered by the warranty. If there is a question about coverage, the final decision must be made by Aston Martin within 30 days after you bring in your vehicle 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, your Aston Martin Dealer does not have to meet the deadline if you request a delay or agree to a delay, or if the delay is caused by an event for which neither Aston Martin nor your Aston Martin Dealer is responsible.

You will be notified by Aston Martin in writing if your claim for warranty coverage is denied. The notice will explain the basis for denying your claim. If you fail to receive this notice, Aston Martin will perform the warranty repair for you free of charge.

How Do I Handle Emergency Repairs?

If your vehicle needs an emergency repair on emission related parts, and an Aston Martin Dealer is not available (so that you must have covered repairs made by someone other than a Aston Martin Dealer), Aston Martin will reimburse you for the cost of repairs, including diagnosis. Be sure to obtain, (a) the parts that are replaced and, (b) a receipt for the work. Take the parts and receipt to your Aston Martin Dealer, who will determine if the repair is covered under warranty.

You should follow the same procedure if a warranted part is not available at your Aston Martin Dealer within 30 days from the time you first bring your vehicle to your service point for repairs and you must go elsewhere for repairs.

Any repair not completed within 30 days also constitutes an emergency, and any equivalent replacement part may be used in an emergency situation. Aston Martin will reimburse you for the repair expenses, not to exceed: (a) the Aston Martin's suggested retail price for all warranted parts that are replaced and, (b) the labor charges (based on the Aston Martin's recommended time allowance for the warranty repair and the geographically appropriate hourly labor rate).

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 any parts.

If you decide to use non-Aston Martin parts, be 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.

Federal Warranty Only

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 properly 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.

Preserve Your Warranty

If you do not maintain your vehicle properly, Aston Martin may have the right to deny you warranty coverage.

To have repairs made under this warranty, you may have to show that you have followed Aston Martin's instructions on properly maintaining and using your vehicle. You will find these instructions in your Owner's Guide. Be sure to save your service receipts and to keep accurate records of all maintenance work.

If you are not satisfied with the handling of a warranty matter, you may contact Aston Martin Lagonda North America Inc. (Refer to 'Warranty Communications', page C.2).

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, D.C. 20460

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 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 needed repairs before you pursue the remedies provided by your state's law).

In all other states where not specifically required by state law, Aston Martin requests that you give us the written notice.

Send your written notification to:

Customer Service Manager
Aston Martin North America
One Premier Place
Irvine
CA 926
Tel.: 949 341 6260
Fax: 949 341 6155

Owner Details

Name:

Address:

Zip Code:

Vehicle Details

Registration No.:

VIN No.:

Engine no.:

Warranty Start Date

Dealer Stamp

Signature.....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

Warranty

DBS



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Owner Warranty Transfer		Owner Warranty Transfer		Owner Warranty Transfer	
Registration No.:		Registration No.:		Registration No.:	
VIN No.:		VIN No.:		VIN No.:	
Recorded mileage: mile / km		Recorded mileage: mile / km		Recorded mileage: mile / km	
Date of Purchase:		Date of Purchase:		Date of Purchase:	
Name:		Name:		Name:	
Address:		Address:		Address:	
Zip / Post Code:		Zip / Post Code:		Zip / Post Code:	
Telephone No.:		Telephone No.:		Telephone No.:	
Signature		Signature		Signature	
Date		Date		Date	

Warranty

DBS



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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.

Whilst every effort is made to ensure accuracy, 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 cars 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 644644

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 authorized to carry out warranty work.

Australia		
Adelaide	Queensland	Victoria
Solitaire Aston Martin	Sunshine Aston Martin	Trivett Aston Martin Melbourne
32 Belair Rd., Hawthorn, Adelaide, SA 5062	292 Nerang Road, Southport, Queensland, 4215	Eureka Tower, 80 City Road, Southbank, Victoria 3006
Telephone: (+61) 8 8272 8155	Telephone: (+61) 7 5532 1833	Telephone: (+61) 3 8866 3111
Facsimile: (+61) 8 8373 0703	Facsimile: (+61) 7 5532 3361	Facsimile: (+61) 3 8866 3100
Web Site: www.solitaireauto.com.au	Web Site: www.southportmotors.com.au	Web Site: www.astonmartinmelbourne.com.au
E-Mail:	E-Mail: sales@southportmotors.com.au	E-Mail:
Perth	Sydney	
Barbagallo Aston Martin	Trivett Classic Garage Pty. Ltd.	
354 Scarborough Beach Rd., Osborne Park, Perth, WA 6017	22-38 Yurong St., East Sydney, NSW 2010	
Telephone: (+61) 8 9231 5999	Telephone: (+61) 2 9383 9313	
Facsimile: (+61) 8 9242 3717	Facsimile: (+61) 2 9383 9001	
Web Site:	Web Site: www.astonmartinsydney.com.au	
E-Mail:	E-Mail: astonmartinsales@trivett.com.au	



ASTON MARTIN

Austria
Salzburg
Aston Martin Salzburg
Wasserfeldstraße 17a, 5020 Salzburg
Telephone: (+43) 662 887 8820
Facsimile: (+43) 662 887 882 88
Web Site: www.astonmartin.at
E-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.at
E-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
Web Site: www.astonmartin-belgium.com
E-Mail: info@astonmartin-antwerp.com

Aston Martin Belgium Sales, Service and Heritage
Blaasveldstraat 72, 2830 Tisselt
Telephone: (+32) (0) 3 886 3910
Facsimile: (+32) (0) 3 886 8102
Web Site: www.astonmartin-belgium.com
E-Mail: info@astonmartin-belgium.com

Brussels
Aston Martin Brussels
Borrestraat 23, 1932 St. Stevens-Woluwe
Telephone: (+32) (0) 2720 4345
Facsimile: (+32) (0) 2720 8474
Web Site:
E-Mail: info@astonmartin-brussels.com



ASTON MARTIN

Canada		Channel Islands
British Columbia	Quebec	Jersey
MCL Motor Cars (1992) Inc.	Decarie Motors	Jacksons (CI) Limited
1730 Burrard St., Vancouver, British Columbia, V6J 3G7	8255 Bougainville St., Montreal, Quebec, H4P 2T3	La Rue Fondon, St. Peter, Jersey, JE3 7BF
Telephone: (+1) 604 738 5577	Telephone: (+1) 514 334 9910	Telephone: (+44) (0) 1534 497777
Facsimile: (+1) 604 738 7677	Facsimile: (+1) 514 336 0548	Facsimile: (+44) (0) 1534 497729
Web Site: www.mclmotorcars.com	Web Site: www.decarie.com	Web Site: www.jacksonsci.com
E-Mail: sales@mclmotorcars.com	E-Mail: astonmartin@decarie.com	E-Mail: info@jacksons.je
Ontario		
Aston Martin of Ontario		
740 Dupont St., Toronto, Ontario, M6G 1Z6		
Telephone: (+1) 416 530 1880		
Facsimile: (+1) 416 530 4495		
Web Site: www.grandtouringautos.com		
E-Mail: sales@grandtouringautos.com		
	 ASTON MARTIN	 ASTON MARTIN

Denmark	
Copenhagen	
Aston Martin Denmark	
Bryggervangen 39, PO 2630, DK-2100, Copenhagen Ø	
Telephone: (+45) 70 265 007	
Facsimile: (+45) 3927 2250	
Web Site:	
E-Mail: sales@aston-martin.dk	



ASTON MARTIN

England	
Berkshire	
Lancaster Reading	
Bennet Rd., Reading, Berkshire, RG2 0QX	
Telephone: (+44) (0)118 9658500	
Facsimile: (+44) (0)118 9658501	
Web Site: www.lancasterplc.com/reading/astonmartin	
E-Mail: astonmartin@reading.lancasterplc.com	

Buckinghamshire	
Aston Martin Lagonda Limited	
Works Service, Tickford St., Newport Pagnell, MK16 9AN	
Telephone: (+44) (0)1908 619264	
Facsimile: (+44) (0)1908 216439	
Web Site: www.astonmartin.com	
E-Mail: service2@astonmartin.com	

Stratstone of Amersham	
44 Woodside Rd., Amersham, Buckinghamshire, HP6 6AJ	
Telephone: (+44) (0)1494 788360	
Facsimile: (+44) (0)1494 788379	
Web Site: www.stratstone.com	
E-Mail: astonmartinamersham@stratstone.com	
Cambridgeshire	
Lancaster Cambridge	
High St., Harston, Cambridge, CB2 5TN	
Telephone: (+44) (0)1223 875600	
Facsimile: (+44) (0)1223 875675	
Web Site: www.lancasterplc.com/cambridge/astonmartin	
E-Mail: astonmartin@cambridge.jardinemotors.co.uk	

Cheshire	Devon	Gloucestershire
Stratstone of Wilmslow	Grange of Exeter	Broughtons Aston Martin
Water Lane, Wilmslow, SK9 5BQ	Yeoford Way, Exeter, EX2 8LB	Rutherford Way, Cheltenham, GL51 9SQ
Telephone: (+44) (0)1625 548802	Telephone: (+44) (0)1392 678044	Telephone: (+44) (0)1242 232667
Facsimile: (+44) (0)1625 526873	Facsimile: (+44) (0)1392 678048	Facsimile: (+44) (0)1242 232668
Web Site: www.stratstone.co.uk	Web Site: www.summitmotors.co.uk	Web Site: www.broughtons.co.uk
E-Mail: wilmslowastonmartin@stratstone.com	E-Mail: exeter.admin@grange.co.uk	E-Mail: info@broughtons.co.uk
Derbyshire	Essex	Hertfordshire
Stratstone Aston Martin Derby	Grange Aston Martin	Grange of Welwyn
Sir Frank Whittle Rd., Derby, DE21 4AZ	2 Brook St., Brentwood, CM14 5LU	Great North Rd., Stanborough, Welwyn Garden City AL8 7TQ
Telephone: (+44) (0)1332 258787	Telephone: (+44) (0)1277 249555	Telephone: (+44) (0)1707 280868
Facsimile: (+44) (0)1332 258799	Facsimile: (+44) (0)1277 249556	Facsimile: (+44) (0)1707 273150
Web Site: www.astonsales.com	Web Site: www.summitautogroup.co.uk	Web Site: www.summitmotors.co.uk
E-Mail: derbyastonmartin@stratstone.com	E-Mail:	E-Mail: wgcrep@summitg.co.uk

Kent	Norfolk	Tyne and Wear
Lancaster Sevenoaks	Stratton Motor Company (Norfolk) Limited	Stratstone Tyne and Wear
114–115 London Rd., Sevenoaks, TN13 2DN	Ipswich Rd., Long Stratton, Norwich, NR15 2XJ	Stoneygate, Houghton le Spring, Tyne and Wear, DH4 4NJ
Telephone: (+44) (0)1732 456777	Telephone: (+44) (0)1508 530491	Telephone: (+44) (0)191 512 3500
Facsimile: (+44) (0)1732 456566	Facsimile: (+44) (0)1508 531670	Facsimile: (+44) (0)191 512 3509
Web Site: www.lancasterplc.com/sevenoaks/astonmartin	Web Site: www.strattonmotorcompany.com	Web Site: www.stratstone.co.uk
E-Mail: astonmartin@sevenoaks.jardine.co.uk	E-Mail: astonsales@strattonmotorcompany.com	E-Mail:
London	Surrey	West Midlands
Stratstone of Mayfair	HWM Aston Martin	Stratstone Aston Martin Birmingham
Brook House, Park Lane, London, W1K 7AJ	New Zealand Ave., Walton on Thames, KT12 1AT	Monaco House, Bristol St., Birmingham, B5 7AU
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Facsimile: (+44) (0)20 7629 5376	Facsimile: (+44) (0)1932 225440	Facsimile: (+44) (0)121 666 6263
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