I would like to take this opportunity to thank you for the purchase of your new Aston Martin One-77 and personally welcome you to a very special group within the Aston Martin family.

One-77 is the ultimate Aston Martin; each one meticulously created using cutting edge automotive technologies combined with the craftsmanship and attention to detail for which Aston Martin has become renowned over its 96 year history.

Every Aston Martin we produce today owes a great deal to our glorious heritage, and the Aston Martins we build tomorrow will owe a great deal to One-77.

We are very proud of One-77 and I hope that it brings you many years of pleasure.

Produced by the Technical Publications Department
ASTON MARTIN LAGONDA LIMITED
Banbury Road
Gaydon
WARWICK
Warwickshire
CV35 0DB
England
Telephone: (+44) 01926 644300
Fax: (+44) 01926 644733

Issue 1 – November 2010
Part Number – AY93-19A321-AA

ASTON MARTIN

Introduction

Welcome

Welcome to your new Aston Martin One-77.

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

This Owner's Guide has been designed to explain the vehicle's operation and to make the control of its systems easy to understand and operate. All new owners are recommended to carefully study the contents of this Owner's Guide prior to driving.

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

Aston Martin Franchise Dealers

A full list of Aston Martin Dealers worldwide can be found at:

www.astonmartin.com

Every effort is made to make sure that the information given in the dealer list is accurate and up-to-date. However changes amongst holders of the Aston Martin franchise can 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 all aim to conform to Aston Martin standards of excellence in both sales and service. However, all vehicles sold as Aston Martins are required to meet local legislation requirements.

Should service be required in a country other than that in which this vehicle was originally purchased, every effort will be made to meet the owner's requirements, but the availability of certain parts may be affected by differences in vehicle and component specifications.

If the nearest Aston Martin Dealer is unable to help, contact Aston Martin directly:

Aston Martin Lagonda Limited
Banbury Road,
Gaydon,
WARWICK,
CV35 0DB
Telephone: (+44) (0)1926 644300
Facsimile: (+44) (0)1926 644733

Aston Martin Dealers are independent traders, they are not the Company's Agents, and therefore have no authority to bind the Company or to enter into any financial or other commitments on the Company's behalf.

Only Aston Martin Dealers are authorised to carry out warranty work.

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: Provided to show procedures which must be followed precisely to help avoid the risk of personal injury.

Cautions

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

Notes

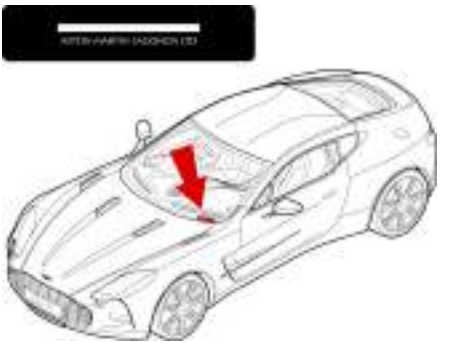
Provided to show procedures which will help to avoid difficulties in the operation of your vehicle.

Component Location

All directions for locating components are described as viewed from the driver's seat, i.e. the fuel filler flap shown 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 side bottom corner of the windscreen.



The VIN Plate, located in the engine bay at the rear right side, is model and market dependent:

The vehicle identification number is also bonded to the floorpan on a stamped aluminium plate located in the right side footwell under the floormat.

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.

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

Reporting Safety Defects

If you believe that your vehicle has a safety defect which could cause a crash or could cause injury or death, you should immediately inform your Aston Martin Dealer or the manufacturers After Sales Operation at the address shown.

Aston Martin Lagonda Limited
After Sales Operations
Banbury Road
Gaydon
WARWICK
CV35 0DB
England

Telephone:

(International) ++44 1926 644700
(United Kingdom) 01926 644700
Facsimile (++44) 1926 644733

Vehicle Provenance

Model:

Body Colour:

Interior Colour:

Fascia Colour:

Vehicle Identification Number:

As on the VIN plate

First Owner:	**Third Owner:**
Selling Dealer	Selling Dealer
Delivery Date	Delivery Date
Second Owner:	**Fourth Owner:**
Selling Dealer	Selling Dealer
Delivery Date	Delivery Date

ASTON MARTIN

Vehicle Security

Introduction

This vehicle is protected by electronic security system which includes:

- Remote arm and disarm
- Perimeter sensing
- Remote door, lift glass, fuel flap release lock and unlock
- Guard reduction mode
- Alarm siren with battery backup[1]
- Random code encryption to prevent electronic scanning or grabbing of the vehicle key identity code
- Interior movement sensor
- Tilt Sensor

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

When the security system is armed, any attempt to forcibly open a door, the boot lid or the bonnet will result in full alarm operation.

Garage Door Opener

As a security precaution make sure that all programming is erased in the HomeLink system before selling this vehicle (Refer to 'Garage Door Opener', page 2.14).

1. Markets where audible sirens are permitted.

Aston Martin Tracking

(Option (Not Available in all Markets))

(Standard - Mainland UK)

The Aston Martin Tracking system works like an electronic homing device, transmitting a stolen vehicle's location.

The system, which is discretely installed in the vehicle, is an easy-to-use system that provides the following important features:

- Automatically arms the security system when the vehicle key is removed and you leave the vehicle
- Detects your presence (using a driver recognition tag) and automatically disarms the system when you return
- Detects attempts to start the vehicle without you being there
- Detects attempts to tow or move the vehicle
- Detects attempts to tamper with the tracking system or disconnect the vehicle battery
- Transmits silent alarms to the 24-hour monitoring service
- Gives you priority access to police in more than 30 countries
- Meets all insurance requirements

Refer to the Aston Martin Tracking User Guide for operating instructions.

Please consult your Aston Martin Dealer for details and subscription rates.

Do not keep the Aston Martin Tracking User Guide in the vehicle otherwise you will not be able to refer to it if your vehicle is stolen.

Tag Warning

If the driver recognition tag is not in range of the vehicle tracking system the PATS symbol will continue to be ON after the vehicle has started. If this happens stop the engine, remove the vehicle key from the ignition control and check the location of the recognition tag.

Refer to your Aston Martin Tracking User Guidebook.

Emotion Control Unit

The vehicle is supplied with two glass vehicle keys and two spare keys[1] (Emotion Control Units).

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.

Vehicle Key Security Functions

[1] LOCK - Press and release for one step vehicle locking and to arm the security system. The vehicle will deadlock after 25 seconds.

(Refer to 'Deadlocking', page 2.9)

[2] UNLOCK - Press and release for one step vehicle unlocking.

(Refer to 'Unlocking and Opening', page 2.5)

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

[3] LIFT GLASS OPEN - Press once to release the lift glass catch (Refer to 'Lift Glass', page 2.8).

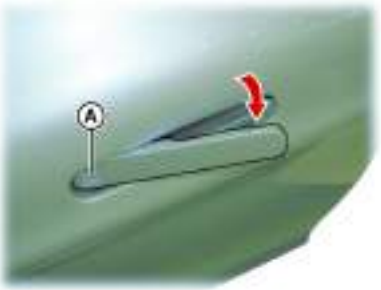
[4] APPROACH LIGHT - Press to set the front, rear side and interior lamps to ON (Refer to 'Approach Light', page 2.9).

1. Manufactured by STRATTEC. 8D33-70290-BG.

Unlocking and Opening

Stand within 5 m of the vehicle, point the vehicle key towards the vehicle and press the ***UNLOCK*** button. To show that the security system has been disarmed, the direction indicators will flash twice. All vehicle doors will unlock.

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



If a door is opened while driving a warning sound will be heard until the door is closed.

If preferred you can unlock the drivers door only with the first press of the button and the rest of the vehicle with a second press (Refer to 'Personalisation', page 2.19).

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

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

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

If the door is left open the door puddle lamp will go OFF after eight minutes.

Unlocking From Inside the Vehicle

If reduced guard was not set to ON before locking the vehicle, deadlocking, interior movement and tilt sensors are enabled. Passengers will not be able to unlock a door from the inside.

If reduced guard was set to ON 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.

(Refer to 'Reduced Guard', page 2.11).

When opening a door from inside the vehicle after reduced guard has been set to ON, the security system alarm will start. Press the ***UNLOCK*** button on the vehicle key to stop the alarm (there is approximately a ten second delay before the alarm is stopped).

If passengers are to stay in the vehicle after it has been locked, reduced guard must be set to ON before locking. This will let a passenger open a door from inside the vehicle.

Make sure that all the doors, the lift glass and the bonnet are closed (the vehicle will not lock if a door is left open). Stand within 5 m of the vehicle, point the vehicle key towards the vehicle and press the ***LOCK*** button once to lock the doors, disable the lift glass and fuel flap release switches and arm the security system. The direction indicators will flash once as the security system is armed (Refer to 'Personalisation', page 2.19).

The driver's seat and both door rear view mirror positions are memorised and will be recalled the next time the vehicle is opened using the same vehicle key.

The security system will arm and the doors will deadlock after 25 seconds.

If the vehicle is locked with the lift glass open, the vehicle will lock and arm but deadlocking, tilt and interior movement sensors[1] will not operate. Close the lift glass to arm the complete security system.

1. Option.

Automatic Re-locking

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

Master Locks

All doors, fuel flap and lift glass release switches may be locked and unlocked by using the master lock switch (A (located on the driver's door). Press the switch to lock. Press again to unlock.

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

The master lock switch will operate for seven minutes after the vehicle key has been removed from the ignition control, if the vehicle is not locked using the vehicle key.

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

📖 *When the vehicle is unlocked using the master lock switch the LED in each door handle will come ON (for 10 seconds or until the door is opened). This may aid access for passengers at night time.*

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

Lift Glass

With the lift glass open there is access to two covered storage areas.

The lift glass can be opened with the vehicle key or from inside the vehicle.

Press and release the lift glass release button on the vehicle key or the lift glass button located in the cubby box (A) to release the catch and open the lift glass. Lift the lid.

If the vehicle is locked and armed the security system will disarm and the direction indicators will flash twice when the lift glass is opened. The doors will stay locked (Refer to 'Personalisation', page 2.19).

To close, gently lower the the lift glass down and make sure that its catch engages. Take care not to slam the lift glass shut.

Vehicle Locked - Lift Glass Open

If the vehicle is locked while the lift glass is open, the vehicle will lock and arm (deadlocking, tilt and interior movement sensors will not operate). If the lift glass is then closed (latched) deadlocking, tilt and interior movement sensors will operate and the whole vehicle will be locked and armed.

Deadlocking

If passengers are to stay in the vehicle after locking, reduced guard must be ON before locking.

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

To open the doors use the vehicle key.

Approach Light

When approaching the vehicle the side and interior lamps can be set to ON by pressing the ΞDOΞ button on the vehicle key.

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

Homesafe

When exiting the vehicle and the vehicle key has been removed from the ignition control, flash the main beam (pull the left side stalk up and release without latching) to set homesafe ON. The main beam and rear lamps will then stay ON for a determined amount of time and then go OFF. The time that the main beam and rear lamps stay ON is programmable (Refer to 'Personalisation', page 2.19).

Alarm

When the alarm has started a siren will be heard for a 25 seconds cycle (ten cycles maximum) and the direction indicators flash for five minutes after which the security system returns to the armed state. The doors and lift glass will stay locked throughout.

Markets where visible alarm signals and audible sirens are permitted.

Stop the alarm at any time by pressing the button on the vehicle key or by inserting the vehicle key into the ignition control (position 'II'). There is approximately a ten second delay before the alarm is stopped).

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

Interior Movement Sensor

When the vehicle is locked and armed the interior movement sensor will sense movement inside the vehicle. If movement is detected it will start the alarm.

Tilt Sensor

When the vehicle is locked and armed the tilt sensor will sense if the vehicle is tilted, for example, if the vehicle is being raised on a jack. If vehicle tilt is detected it will start the alarm.

Reduced Guard

Warning: If a passenger is to stay in the vehicle after it has been locked, reduced guard must be set to ON before locking. In an emergency this will let a passenger open a door from inside the vehicle.

When reduced guard is ON deadlocking, interior movement and tilt sensors are set to OFF. This will let a passenger open a door from the inside by pulling the interior door handle and a passenger or animals to be left in the vehicle with the security system armed.

If a door is opened from the inside, while reduced guard is ON, the security system alarm will start. Press the button on the vehicle key to stop the alarm at any time.

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

<Ask on exit> **-** Set to ON: Each time the vehicle key is moved from ignition position 'II' (ignition ON) to ignition position 'I' or '0' the message PRESS ENTER TO REDUCE GUARD. PRESS EXIT TO CANCEL will show in the message centre (right). The message will time out after one minute and reduced guard will not come ON. Set to OFF: No message will show and reduced guard will not come ON.

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

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

Passive Anti-Theft System

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

If a vehicle key is lost, a duplicate key can be created and programmed from the spare key by your Aston Martin Dealer.

Starting the Engine

When the security system is disarmed and the vehicle key is in the ignition control, the PATS controller sends a signal to the vehicle key. The vehicle key must respond with a valid code before engine start will be enabled. If a valid code is received, the ignition system will operate normally. If the vehicle key code is not received, or is invalid, engine start stays disabled.

PATS Status

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

Ignition	Action (Valid code)
ON	Symbol comes ON for three seconds.
OFF	Symbol will flash.
OFF and the vehicle key removed from the ignition control	Symbol will flash for five minutes or one minute after the vehicle is locked using the vehicle key.

Fault Mode

If the status symbol continues flashing when the ignition is set to ON, the vehicle will stay immobilised. Should this situation arise try removing and then inserting the vehicle key back to position 'II' in the ignition control. If this is unsuccessful try the spare key. If successful, get a replacement for the faulty vehicle key. If problems continue 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 operate garage doors, entry gates, home lights, 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: 008000 0466 354 65

or

+49 6838 907-277 (In certain countries difficulties may be experienced trying to reach the toll-free number by some providers).

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 operate 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-vehicle transceiver.

The manufacturer is not responsible for any radio or TV interference caused by unauthorised 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 make sure 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 LED shows 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 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 operate the garage door opener. The LED will come ON when the button on the control panel is pressed.

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

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

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

Rolling Code Synchronisation

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 apparently programs 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 synchronised with this system again before it will function correctly.

Follow the instructions below for Rolling Code Synchronisation (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 set to ON. Make sure you comply with the safety instructions even when synchronising the rolling code.

1. Locate the Training button (programming button) on the garage door opener motor head unit. Exact location and colour 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 set a 'training' LED to ON).
   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 recognise the HomeLink signal and operate when the HomeLink button is pressed.

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

Reprogramming

If a HomeLink button has been programmed to operate 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 use approximately 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 press the remote control and keep it pressed.
4. The HomeLink LED will flash, first slowly and then rapidly. When the LED begins to flash rapidly, release both buttons.

Personalisation

A number of security functions can be personalised.

[1] ON/OFF - Infotainment centre ON and OFF

[2] BACK - Navigate back in the menu or cancel a selection.

[3] ENTER - Select in the menu or open a selection.

[4] JOYSTICK - Navigate in the menus.

[5] MENU - Opens the main menu on the infotainment ***DISPLAY***.

Selection

With the vehicle key in ignition position 'I' or 'II', press ***MENU*** and navigate to <Car Settings>. Press ***ENTER*** and use the ***JOYSTICK*** to make a selection. Press ***ENTER*** to accept.

Menu

1) Car settings...
1) Reduced guard...
  1) Activate once
  2) Ask on exit
2) Mirror settings...
  1) Auto mirror fold flat enabled
    1) Auto
    2) Passenger only
    3) Passenger and driver
3) Lock settings...
  1) Automatic settings...
    1) Doors auto lock
    2) Doors auto unlock on key out
  2) Doors unlock...
    1) All doors
    2) Driver door, then all
4) Light settings...
  1) Lock confirm. light
  2) Unlock confirm. light
  3) Approach light duration...
    1) Off, 30, 60 or 90 seconds
  4) Homesafe light duration...
    1) 30, 60 or 90 seconds
5) Information...
  1) VIN number...

Before Driving

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 tyres
- Check that all windows, mirrors and lamps are clear and unobstructed
- Check that the lift glass, bonnet and fuel filler flap are securely closed
- Check the operation of all lamps

Once Inside the vehicle:

- Check that the doors are securely closed
- Check that the seat, mirrors and steering wheel adjustments are correct
- Check that all gauges and symbols are reading correctly
- Check that all passengers have fastened their seat belts

Seat Adjustment

Warning: Do not attempt to adjust the drivers seat whilst driving.

The vehicle key must only be inserted into the ignition control with the two indents first, as shown. To insert the larger end first the key may damage the ignition control.

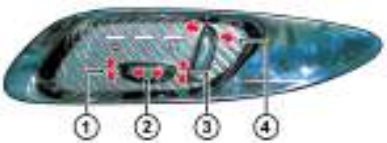
The front seats can be adjusted while the vehicle key is in the ignition control. Gently insert the vehicle key up to position 'I' (press down until the instrument cluster and infotainment centre lights come ON) and release.

They can also be adjusted:

- Up to six minutes after a door is unlocked and before the vehicle key is inserted into the ignition control
- Up to six minutes after the vehicle key is removed from the ignition control
- Place the vehicle key in the ignition control
- Close or open a door

Lightweight Seat

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



[1] **-** Raise or lower the front of the seat.

[2] **-** Move the seat forwards or rearwards.

[3] **-** Raise or lower the rear of the seat.

[4] **-** Increase or decrease the angle of the seat back.

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

Heated Seats

A heated seat switch is located on each seat at the front, on the side nearest to the centre of the vehicle (B). There are two levels of heat, press the top (C) of the switch for the lower heat setting, press the bottom (D) of the switch for the higher heat setting. A LED shows which heat level is ON. Press to the centre position for OFF (LEDs OFF).

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

Easy Access

Warning: Make sure that no person is sitting in the seat while easy access is being used. Forward movement will continue further than normal seat forward movement.

Easy access lets the seat move forward to provide greater access to the rear environment. Each seat has an easy access button located on each end of the dashboard (E).

To move a seat press and hold the button (on the first press the seat will move forward). Movement will continue until the button is released. If the button is released and pressed again within three seconds, movement will continue in the same direction.

If the button is released and pressed again after three seconds the seat will start to move in the opposite direction. When moving rearwards the seat will return to its original position while the button stays pressed.

Seat Memory Function

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

Warning: To avoid injury, make sure 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 position of the driver and passenger seats can be memorised and recalled. Two different driving position profiles can be entered in the memory. The memory position of the driver's seat also includes both door rear view mirrors.

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

Setting a Preset Position

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

Adjust the seat and the door rear view mirrors to the desired position[1].

Push both the memory button (M) and the desired setting button (1 or 2) simultaneously (B) and release. A chime is heard and message will show in the message centre (right) to confirm[2]. By repeating these steps and pressing an unused button, a second position can be stored in the memory.

1. Mirror memory operates only when adjusting the driver's seat.
2. Driver's seat only.

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 Memorised Position

Once in the seat press and hold button 1 or 2 (depending on which position required) until all movement is stopped.The seat moves 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 memorised position once the door handle is used.

The seat and door rear view mirrors only move if they have been moved previously, i.e. the spare vehicle key has been used and the seats or mirrors have been moved.

Emergency Stop

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

Steering Wheel

Warning: Do not adjust steering wheel whilst driving.

Warning: Make sure that the steering column is fully locked in position. The reach and tilt release lever must be fully up, in line with the steering column.

Reach and Tilt

The reach and tilt angle of the steering wheel are adjusted by using the release lever (A). Pull the release lever downwards and manoeuvre the steering wheel to the required position. Hold the steering wheel in the required position and lock it by pulling the release lever up.

Interior Mirrors

Automatic Dimm Rear View Mirror

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

The rear view mirror will dim automatically if the glare from the headlamps of following vehicles becomes too bright. The mirror will return to normal view as unwanted glare reduces to an acceptable level. If the mirror is dimmed when reverse gear is selected the mirror will revert to normal view.

Vanity Mirror

A vanity mirror is located in each sun visor.

Door Mirrors

To adjust the door mirrors select the left or right mirror (B). Then move the joystick (A) up, down, left or right to adjust the selected mirror.

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

An amber LED shows the selected mirror.

Power Fold Function

The power fold mirror function moves the door mirror assemblies until folded flat against the doors (folded).

Insert the vehicle key to position 'I' or 'II' in the ignition control. Move the mirrors to the folded position by pressing down and releasing both the left and right mirror select switches (B) together. The mirrors will motor to the folded position. Repeat to motor the mirrors back to the driving position.

Auto Fold function

When the 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 is unlocked.

Press ***MENU*** (C) and navigate to *<Car settings...> Enter <Mirror settings...> Enter <Auto mirror fold flat enabled>*. Press ***ENTER*** to toggle between ON and OFF. Then press and hold ***BACK*** to accept and return to the main screen.

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

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

Restraints System

The restraints system gives protection to the driver and passenger in a variety of impact conditions. The system consists of:

- Driver and passenger safety belts with pre-tensioners and load limiting systems
- Driver and passenger dual-stage airbags

All of these systems are controlled by a Restraints Control Module (RCM). In a collision the RCM will analyse information from various sensors, including crash and seat occupancy conditions. Based on this information the RCM will deploy the appropriate safety devices. During a crash, the RCM may or may not operate the safety belt pre-tensioners and none, one, or both stages of the dual-stage airbag supplemental restraints.

If the pre-tensioners or airbags do not operate in a collision it 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 operate these safety devices.

Front airbags are designed to operate only in frontal and near-frontal collisions, not rollovers, side-impacts, or rear-impacts unless the collision causes sufficient longitudinal deceleration.

Determining if the System is Operational

A warning symbol in the instrument cluster  shows the condition of the system. A difficulty with the system is shown by one or more of the following:

- The warning symbol will flash or stay ON
- The warning symbol does not come ON immediately after the ignition is set to 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 operate correctly in the event of a collision.

Aston Martin strongly recommend the use of seat belts.

Warning: Seat belts should not be worn with straps twisted.

Warning: Each belt assembly must only be used by one passenger; it is dangerous to put a belt around a child being carried on the passengers 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.

Warning: Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals, and particularly 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: 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 passenger always fasten their seat belts and use them correctly 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. 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.

Warning: 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.

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

Warning: 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.

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

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

Warning: 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.

Warning: 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.

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.

Pre-tensioner and Load Limiting

All seat belts are equipped with pre-tensioner and load limiting systems.

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

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 passenger's chest.

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

Seat Belt Reminder

A warning symbol in the instrument cluster will come ON and warning sound will be heard for six seconds (approximately) when the ignition is set to ON if the driver seat belt is not fastened[1].

If the driver seat belt is not fastened after 60 seconds or if the vehicle reaches 25 km/h a warning sound will be heard for 30 seconds, after which the warning sound will go ON and OFF and the warning symbol will continue to show until the seat belt is fastened.

The warning messages are always available, press the ***READ*** button to view stored messages.

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.

1. Market area dependant

Each seat has three point, inertia reel seat belts installed. Items 1, 2 and 3 show 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.

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

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

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

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

If it is necessary for a passenger to adjust their seat or seating position during a journey, the belt tension might be disturbed.

The passenger 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.

Child Seat Belt Fastening

Warning: An infant or child that is not correctly 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.

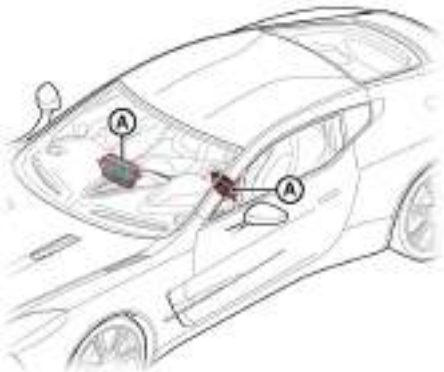
Make sure that there is no slack in the webbing and that the restraint installs correctly across the child's rib cage and hips. These are the parts of the body most able to take the force of impact.

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

The vehicle is equipped with driver and passenger airbags. The airbags and seat belt pre-tensioners are electrically controlled by the restraints system.



The front airbags (A) only deploy in a serious front collision.

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

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

Airbag Deployment

⚠ Warning: All passengers, 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 front passenger fascia panel. Such objects could cause harm if the vehicle is in a collision severe enough to cause the airbags to deploy.

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 passengers who are not correctly 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 panel 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.

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.

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

[A] **-** Front Airbag Deployment

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 passenger. It is dangerous to put a seat belt around a child being carried on the passengers lap.

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

Your vehicle has the following devices for the installation of child restraints:

- Passenger seats Automatic Locking Retractor (ALR) seat belts

Child Seats and Front Passenger Airbag

Warning: Do not use a child restraint on a seat protected by a front airbag which is set to ON.

Warning: Never place a child in a child seat or on a booster cushion on the front passenger seat if the airbag is set to ON.

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.

Warning Labels

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

The following warning labels[1] are located on the sun visors and on the end of the instrument panel (passenger side).

1. Market area dependant.

Automatic Locking Retractors

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

Aston Martin does not recommend any specific child seat for this vehicle **which require the use of the vehicle seat belt for installation**.

The Automatic Locking Retractor (ALR) system is designed to securely hold child seats. The ALR system temporarily locks the seat belt that is securing a child seat.

ALR Operation

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

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

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

When fully retracted, pull down on the upper run of the belt to check that the ALR lock has engaged.

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 seat belt tension and then pull the seat belt very gently to avoid operation of the inertia lock.

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

Child Seats

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

Warning: Do not seat a child aged 12 or younger, or weighing 36 kg or less in the car without an appropriate child seat or booster cushion.

Use of Child Seats

Look for the following when selecting a child seat:

- It should have a label certifying that it meets the applicable Safety Standards
- Carefully read the instructions supplied with the child seat. Make sure you understand them and can install and use the device correctly and safely in the vehicle
- Make sure that the child seat is appropriate for the child's weight and development. The label required by the standard or regulations, or instructions for infant seats, usually provide this information

An infant or child that is not correctly 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 seat.

Children could be endangered in a crash if their child seat is not correctly secured in the vehicle.

Never hold a baby or child on your lap while riding in the vehicle.

Consult with local manufacturers of forward facing restraint and booster cushions. These manufacturers can supply you with advice on the safety of their particular child restraints.

Check the seat manufacturers instructions for correct use and installation – use the correct size seat and correctly secure the seat in the vehicle in accordance with the manufacturers instructions. Be sure to read and follow the 'Installation and Use Instructions' provided with the child seat.

Child Seats - Seat Belt Installation

Mass Group[1]		Seating Position
		Front Passenger
'0'	Up to 10kg (0-9 months)	X
'0+'	Up to 13kg (0-18 months)	X
'I'	9 to 18kg (9 months to 4 years	X
'II'	15 to 25kg (4 to 12 years)	X
'III'	(22 to 36 kg (4 to 12 years))	X

Key

U: Suitable for 'universal' category restraints approved for this mass group.

X: Seat position not suitable for children in the mass group.

Information supplied under EC Directive 77/541 and ECE Regulation 16.04.

1. As shown on the child safety seat packaging

Cabin Storage

Cubby Box

The armrest cubby box has a USB port, four control switches (Fuel flap release, lift glass release, wing manual operation and dynamic stability control), an accessory socket and a Lamy pen holder.

Boot Storage

The boot has two covered storage areas (A and B). The covers are held in place by magnets, use the leather straps to remove the covers.

Boot storage area B contains:

- A tyre sealant kit (Refer to 'Tyre Sealant Kit', page 8.19)
- A first aid kit[1]
- A warning triangle
- The vehicle tool kit (Refer to 'Tool Kit', page 8.7)

1. Option.

- A battery conditioner[1] (Refer to 'Vehicle Battery Charge', page 8.29)
- A vehicle guidebook
- A removable hard disc drive: The removable hard disc drive has its own storage location and a USB input socket.

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 an accessory socket when vehicle engine is set to OFF may seriously discharge battery.

An accessory socket is mounted in the front armrest cubby box and may be used to power any 12 volt vehicle accessory requiring a current of less than 10 amps.

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

Foreign items can get into the socket and cause damage - always place the cover on the accessory socket when not in use.

1. Option.

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 passengers of the possible danger and make sure that all obstructions are clear before raising the window.

The windows can be operated up to one minute after the vehicle key is removed from the ignition control.

Each vehicle door has its own window switch and the drivers door window switch can operate both windows.

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

Lightly press and hold a window switch (A) to lower the window in one movement. Lightly press and release the window switch to lower the window in stages. Firmly press and release to lower the window with one touch.

Lightly pull back and hold to raise the window in one movement. Lightly pull back and release, to raise the window in stages. Firmly pull back and release to raise the window in one movement.

If power to the electric windows has been interrupted for any reason, they will fail to operate correctly until reset (Refer to 'Door Window Reset', page 8.39).

Door Sealing

Warning: Make sure that all passengers are clear when the window mechanism is operating.

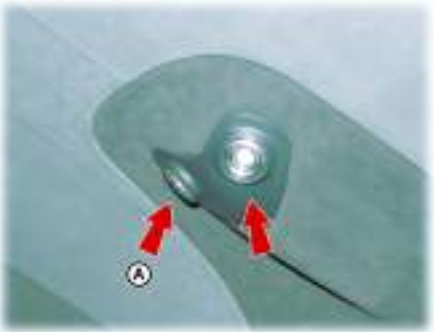
To minimise wind noise and to make sure that the window seal is watertight a door sealing system is used to provide a tight fit of the door glass to the seals around the top of the door opening.

When a door is opened, the window automatically lowers a small distance to clear the door seal. As the door is closed, the window automatically, after a pause, lifts against the body frame rubber seals.

Reading Lamps

Reading lamps are located in the front environment (A). To operate the lamps (ON or OFF) touch the reading lamp bezel.

Unless set to OFF or ON they will continue to operate up to six minutes after the ignition is set to OFF.



Coat Hooks

Coat hooks are located behind the driver and passenger seats (A). Four coat hooks are also located on the rear environment back wall.

Controls

[1] EASY ACCESS - Easy access allows the seat to be moved forward, to provide greater access to the rear environment. Each seat has an easy access button located on each end of the dashboard (Refer to 'Easy Access', page 3.4).

[2] MASTER LAMP SWITCH - Four position master lamp switch, which controls the vehicle external lamps (OFF, side lamps, main lamps and fog lamp) (Refer to 'Master Lamp Switch', page 4.17).

[3] INSTRUMENT CLUSTER - (Refer to 'Instrument Cluster', page 4.3).

[4] CENTRE STACK - (Refer to 'Centre Stack Controls', page 4.10).

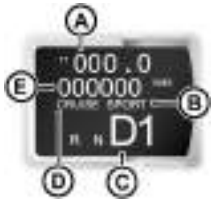
Instrument Cluster

[1] FUEL GAUGE - Shows how much fuel is in the fuel tank. Refuel as soon as possible when the low fuel symbol comes ON.

[2] SPEEDOMETER - Shows vehicle road speed.

[3] MESSAGE CENTRE (LEFT) - Shows the following:

- **Trip Meter (A):** Shows distances travelled since last reset of trip meters T1 and T2. Toggle between T1 and T2 by pressing ***T1/T2*** (F) for less than three seconds. Press ***T1/T2*** for more than three seconds to reset the trip meter on show.
- **Sport Mode Status (B):** Shows SPORT when sport mode is ON.



- **Gear Range (C):** Shows the transmission position and current gear selection. Possible transmission positions and gear selection are in bold.

- **Cruise Status (D):** Shows CRUISE when cruise control is ON (Refer to 'Cruise Control', page 4.21).
- **Odometer (E):** Shows the total distance covered by the vehicle.

[4] GEAR POSITION INDICATOR -

- **Gear Position Indication Display (GPID):** Shows the current gear when in paddle shift mode. Shows 'D' when in auto drive mode (Refer to 'SportShift Transmission', page 5.4). A red 'R' will show when the transmission is in reverse.

[5] MESSAGE CENTRE (RIGHT) - Shows the following:

- **Driver Information and Warnings**

  Messages show if an unsatisfactory condition is detected. Message priority is shown by a red or amber triangle above the message display.

  Red: Potential personal danger or danger of damage to the vehicle.

  Amber: Advisory, shows possible degraded vehicle performance.

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

  View and acknowledge messages at any time by pressing the ***READ*** button (G).

- **Service Intervals**

  TIME FOR REGULAR SERVICE will be shown when a regular vehicle service is due. This message will show at ignition ON (for two minutes) until the regular service has taken place.
- **Trip computer**

  The message centre (right) defaults to the trip computer when there are no messages to show.

[6] TACHOMETER - Shows the engine speed in revolutions per minute x 1000.

[7] ENGINE COOLANT TEMPERATURE GAUGE - Shows the temperature of the engine coolant.

[1]  ***LEFT TURN INDICATORS -*** Flashes with the indicator or hazard warning lamps (Ignition ON).

[2]  ***HEADLAMPS -*** Shows that the main beam of the headlamps is in use.

[3]  ***SIDE LAMPS -*** Shows that the side lamps, dip or main beams are ON.

[4]  ***PATS -*** If this symbol flashes continuously at ignition ON the vehicle will stay immobilised. If the symbol is ON continuously at ignition ON the vehicle will start but PATS has gone into 'Fail Safe' mode (Refer to 'Passive Anti-Theft System', page 2.12).

Vehicles with Aston Martin Tracking Installed: If the PATS symbol continues to stay ON after the vehicle has started the driver recognition tag may not be in range of the tracking system.

Warning: Stop immediately if the check engine symbol flashes, do not drive the vehicle. Contact your Aston Martin Dealer.

[5]  ***CHECK ENGINE -*** Steady amber shows a fault in the engine management system. Continue driving only if there are no audible, visible or physical signs of degraded engine performance. Consult your Aston Martin Dealer as soon as possible.

Flashing amber shows a major fault in the engine management system. Stop immediately. Contact your Aston Martin Dealer.

[6]  ***IGNITION WARNING -*** Comes ON when the ignition is set to ON and goes OFF when the engine is started and battery charging commences. Comes ON if battery charging fails whilst driving.

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

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

[8]  ***SUPPLEMENTARY RESTRAINT SYSTEM -*** At vehicle key position 'I' and 'II' or on vehicle start up, this symbol comes ON for a few seconds as a readiness sign.

If it does not come ON, or if it does not go OFF after a few seconds, or if it comes ON whilst driving, the airbag self diagnostic system has detected a fault.

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

[9]  ***SEAT BELT WARNING -*** This warning symbol will come ON and a chime will sound for six seconds if the driver's seat belt is not fastened when the ignition is set to ON. The chime will continue to operate at different vehicle speeds until the seat belt is fastened[1].

1. Market dependant.

[10] ***WARNING TRIANGLE -*** Shows red or amber depending on the warning or information message priority.

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

[11] ***BRAKE WARNING -*** At ignition ON this symbol comes ON when the park brake is applied and goes OFF when the park brake is fully released. If the symbol stays ON, after fully releasing the park brake, it shows that either the brake fluid level is low or that the brake pads require regular maintenance.

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

[12]  ***ABS WARNING -*** If this symbol stays ON or comes ON while driving there is a fault in the ABS control circuits. Continue driving only if there are no audible, visible or physical signs of degraded brake performance. Consult your Aston Martin Dealer as soon as possible if this symbol stays ON.

[13]  ***TYRE PRESSURE -*** If this symbol stays ON or comes ON while driving, a tyre(s) air pressure is below specification.

[14]  ***DYNAMIC STABILITY CONTROL -*** When Dynamic Stability Control (DSC) is ON this symbol will flash when the DSC system is operating. When the DSC system is in sport mode or OFF this symbol will show as a warning that DSC is partly ON or OFF. If, while DSC is ON, the DSC symbol stays ON or it comes ON whilst driving, the DSC system has detected a fault. A DSC fault message will show in the message centre (right). Consult your Aston Martin Dealer as soon as possible.

[15]  ***ELECTRONIC PARK BRAKE -*** This symbol shows if there is a fault with the electronic park brake. A warning message will also show in the message centre (right) along with the amber warning triangle. Consult your Aston Martin Dealer as soon as possible.

[16]  ***REAR FOG LAMP -*** Shows if the rear fog lamp is ON.

[17]  ***RIGHT TURN INDICATORS -*** Flashes with the indicator or hazard warning lamps (Ignition ON).

[18]  ***HIGH COOLANT TEMPERATURE -*** Shows when the engine coolant temperature exceeds 120°C.

Low Outside Temperature

Warning: Even if the ICE WARNING message does not show, there is no guarantee that at low temperatures the road is free from ice.

At temperatures below 4°C the message ICE WARNING is shown in the message centre (right), this shows to the driver that frost or ice is likely to form on road surfaces.

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

Warning Symbols

As the ignition is set to ON, the electronic control units complete a self check. During these checks the following symbols will come ON for five seconds and SYSTEM CHECK will show on the message centre (right).

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

Centre Stack Controls

[1] INFOTAINMENT SCREEN - Opens when the infotainment system is set to ON.

[2] IGNITION CONTROL - Insert the vehicle key for ignition positions '0'. 'I', 'II' and engine start (Refer to 'Ignition Control', page 4.13).

[3] TRANSMISSION CONTROLS - Sport, reverse, neutral and auto drive transmission buttons.

[4] HAZARD WARNING LAMP - Press to set the hazard warning lamps to ON or OFF.

[5] CLIMATE CONTROLS - (Refer to 'Climate Controls', page 6.3).

[6] PARKING CAMERAS - Press and release to view the front or rear of the vehicle. Vehicle speed must be 16 km/h or below.

[7] ON/OFF / VOLUME - Infotainment system ON and OFF and volume control.

[8] READ - Press to view and acknowledge messages.

[9] INFOTAINMENT CONTROLS - Including visual and audio media, sattelite navigation and hands-free phone (Refer to 'Infotainment Centre', page 7.1).

[10] T1/T2 - Select between two trip meters (Refer to 'Instrument Cluster', page 4.3).

[11] PARK BRAKE - Pull the park brake switch up and release to apply the park brake. To release the park brake the ignition control must be at position 'II', then apply pressure to the foot brake and press down on the park brake switch and release (Refer to 'Park Brake', page 5.12).

Cubby Box Controls

Lift the cubby box lid to access the following controls:

[1] ACCESSORY SOCKET - Will power any 12 volt vehicle accessory requiring a current of less than 10 amps.

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

Filler Flap Emergency Release: (Refer to 'Fuel Filler Flap Emergency Release', page 5.22)

[3] LIFT GLASS OPEN - Press to open the lift glass.

[4] REAR WING - Press to raise the rear wing manually at any speed below 110 km/h, if required. If raised manually the wing will not lower until the vehicle speed has inceased to 50 km/h or more and then decreased below 50 km/h for 30 seconds or more. The wing automatically operates (raises) when the vehicle reaches a speed of 110 km/h and lowers automatically when the vehicle speed decreases to 50 km/h and stays at 50 km/h or below for 30 seconds.

[5] DYNAMIC STABILITY CONTROL - The Dynamic Stability Control (DSC) system defaults to ON at each ignition ON. Press and hold for approximately four seconds for sport mode. Press and hold again for approximately four seconds to set DSC to OFF. Press and release to set DSC ON again (Refer to 'Dynamic Stability Control', page 5.15).

[6] LAMY PEN HOLDER - Push the pen in and release to access the pen.

[7] MEDIA INPUT - USB input.

Ignition Control

To access vehicle functions and to start the engine the vehicle key must be inserted in to the ignition control.

Warning: Only use the vehicle key in the ignition control. Do not place any objects, including fingers, into the ignition control other than the vehicle key. Objects other than the vehicle key may cause the ignition control to fail.

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

Position '0' (Ignition OFF)

Auxiliaries OFF (infotainment centre not available), steering lock ON. Seats can be adjusted.

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

Remove by pulling the vehicle key from the ignition control.

Position 'I' (Ignition OFF and Accessories ON)

Auxiliaries ON (infotainment centre available), steering lock ON.

- If already in position '0' gently press the key until the infotainment centre and the instrument cluster lamps come ON (a further 10 mm (B)) and release for position 'I'.
- Or insert the key into the ignition control and move straight to position 'I'. Press in until the infotainment centre and the instrument cluster lamps come ON.

Remove by pulling the vehicle key from the ignition control.

Position 'II' (Ignition ON)

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

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

- If the key is already in position '0' or 'I' gently press the key until it is flush with the ignition control bezel and release.
- Or insert the key into the ignition control and move straight to position 'II'. Gently press the key until it is flush with the ignition control bezel and release.

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

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

Starting the Engine

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

Preventing Unnecessary Battery Drain

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

Always remove the vehicle key from the ignition control whenever the ignition is set to OFF.

Stalk Controls

Left Side Stalk

Turn Signals - Press up for a right turn, press down for a left turn. Returns to the centre position on completion of a manoeuvre. Hold against spring pressure to show a lane change.

Main and Dipped Beam -

Pull forwards and latch for main beam. Pull forwards again and latch to return to dipped beam. Pull forwards and release without latching, at any time while the vehicle key is in the ignition control, to flash main beam ON and OFF.

Pull forwards and release without latching, when the vehicle key is removed, to start Homesafe (Refer to 'Homesafe', page 2.9).

Trip Computer -

Repeated pressing of the trip function button (A) moves through the trip computer displays. (Refer to 'Trip Computer', page 4.19).

Right Side Stalk

Windscreen Wiper Control

[1] **-** OFF.

[2] **-** Intermittent Wipe.

[3] **-** Normal Speed Wipe.

[4] **-** Fast Wipe.

Demand Wipe

Pull the stalk forwards.

The windscreen wipers will return to their park position if the ignition is set to OFF or the bonnet is unlatched, regardless of the right stalk position.

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

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

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

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

Windscreen Washer Control - Press the button (C) for more than one second to operate the windscreen 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 ON), if the windscreen washers are operated and the headlamps are ON.

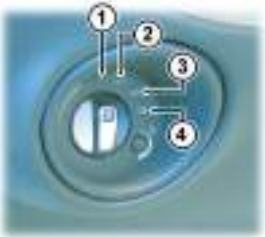
Master Lamp Switch

[1] **-** All external lamps OFF.

[2] **-** Side, side marker, rear and registration plate lamps ON.

[3] **-** With the vehicle key at position 'II' in the ignition control, Headlamps ON, in addition to the side, side marker, rear and registration plate lamps.

[4] **-** Fog lamps: Move the switch to the fog lamp symbol and release to set the fog lamps ON and OFF, the switch will return to position 3. The fog lamps are for use with the dipped beam when fog or mist is causing restricted visibility. They **must** be set to OFF when visibility clears to reduce glare to the drivers of following vehicles.



Lamps ON Warning

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

Day Time Running Lamps

The day time running lamps are permanently ON.

Instrument Brightness

During the daylight hours the level of instrument brightness defaults to maximum brightness.

During the twilight and night time hours a twilight sensor (A (located at the top of the centre stack)) automatically reduces the level of brightness to a preset level.

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

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

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

Vehicle Horn

To sound the horn press the steering wheel at any of the two positions shown (A).

Trip Computer

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

📖 *If an information message shows, after reading and acting on the information provided press the **READ** button (B) to return to the trip display.*

Range - Estimated travel distance with fuel available (no reset). The minimum distance shown will read 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 shown in the message centre (right). Press the ***READ*** button to acknowledge the message.

Instantaneous Fuel - Shows 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 shown in the message centre (right). Press the ***READ*** button to acknowledge the message.

Present Speed - Shows the current vehicle speed.

Driver aid only.

Trip computer default screen.

Tyre Pressure Monitor - Shows the current tyre pressure for all tyres (Refer to 'Tyre Pressure Monitoring', page 4.24).

Blank Screen - Blank screen will show.

Display Units

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

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

Cruise Control

Cruise control can be used to maintain a selected vehicle speed, above 30 km/h, without having to use the accelerator.

[1] RES - Resume the set speed retained in memory.

[2] SET - Set the speed, accelerate or decelerate.

[3] ON/OFF - Sets cruise control to ON or OFF.

[4] CAN - Cancels cruise control but keeps the set speed in memory.

Operation

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

Use the ***ON/OFF*** switch (3) to set cruise control ON and OFF. When cruise control is ON 'CRUISE' will show in the message centre (left).

When travelling at the desired speed, which must be above 30 km/h, press ***SET*** (+ or –) (2). Cruise control will engage and maintain that speed without the need to use the accelerator pedal.

Under certain conditions cruise control will automatically set to OFF (Refer to 'Cruise Control Automatic OFF', page 4.23).

Cruise control will automatically disengage when the brake pedal is pressed or when the vehicle speed falls below 30 km/h.

Changing the Set Speed

There are three ways to change the set speed:

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

Resuming the Set Speed

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

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

*Cruise control will not resume at speeds below 30 km/h. **RES** will not operate if the ignition has been set to OFF.*

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, cruise control will disengage but the set speed memory will be kept. Press ***RES*** (1) and the vehicle will return to the set speed.

Cruise Control Automatic OFF

Cruise control will automatically set to OFF and clear the memory when:

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

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

- The ***CAN*** button is pressed
- The brake pedal is pressed
- Vehicle speed falls below 30 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 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 shown in the top right corner of the Infotainment centre display.

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

Tyre Pressure Monitoring

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

Each tyre should be checked monthly when cold, in the ambient air temperature that the vehicle is normally driven. Setting tyre pressures in a warm garage and then driving in a very low ambient may result in a low tyre pressure warning. Set the correct pressure recommended by the vehicle manufacturer on the vehicle placard or tyre inflation pressure label (if your vehicle has tyres of a different size than the size shown on the vehicle placard or tyre inflation pressure label, you should make sure of the correct tyre pressure for those tyres).

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

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

Malfunction Telltale

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

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

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

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

Operation

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

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

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

Warning One

Telltale Symbol

Constant

Message centre (right)

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

Fault

Tyre pressure below or above specification

Action

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

Warning Two

Telltale Symbol

Flashing for 75 seconds then constant

Message centre (right)

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

Fault

System failure or tyre transmitter fault

Possible Cause

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

Action

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

Display Units

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

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

ASTON MARTIN

Driving

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. Familiarise 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 correctly can result in accident and injury
- Follow the maintenance schedule approved in this guide
- Never allow the vehicle to be driven by inexperienced drivers

Starting the Engine

Warning: Only use the vehicle key in the ignition control. Do not place any objects, including fingers, into the ignition control other than the vehicle key. Objects other than the vehicle key may cause the ignition control unit to fail.

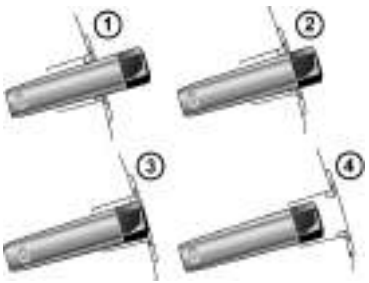
In extreme low temperatures (-20°C and below) do not allow the engine to 'rev' above 4000 rpm, while at standstill or when moving off, until the coolant temperature gauge reaches normal operating temperature. Revving the engine before fully warmed up may cause severe engine and transaxle damage.

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

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

Make sure that you are wearing appropriate footwear to efficiently operate the control pedals. Make sure that pedal movement is not restricted by floor mats or other objects trapped beneath pedals.

Ignition Sequence



[1] - Position '0' (Ignition OFF)

[2] - Position 'I' (Ignition OFF and Accessories ON)

[3] - Position 'II' (Ignition ON)

[4] - Engine start

Engine Start

Check that the park brake is applied.

Fully press the brake pedal down.

Insert the vehicle key into the ignition control and press the key fully in (the ignition control will show red), hold in until the engine starts then release. The vehicle key will sit flush with the ignition control bezel while the engine is running. The ignition control will show a white light when the engine is running, and then fade out.

When starting the engine the vehicle system will take short time (approximately one second) to complete a system check and release the steering lock before allowing the engine to crank.

If the engine fails to start, release the key, then press the key fully in again **without the brake pedal pressed down** and release. The key will gently return to position 'I'. Start the engine start procedure again.

Starting From Cold

The Engine Control Module (ECM) automatically compensates for cold or warm start conditions and makes appropriate adjustments to the fuel and air mixture and ignition timing.

Stopping the Engine

Press the vehicle key fully in and release. The engine will stop as the key returns to position 'I'. Withdraw the vehicle key from the ignition control.

Maximum Engine Speed

The maximum safe engine speed is 7,700 rpm. If this speed is exceeded, fuel supply to the engine is reduced. As the engine speed reduces back to a safe level, fuel supply is progressively restored.

SportShift Transmission

Warning: Always secure the vehicle with the brakes when stopped. As with any transmission using a gearbox and clutch arrangement the vehicle will roll once the clutch is disengaged.

Vehicles installed with the SportShift transmission have a manual gearbox and clutch arrangement. Most manual gearbox and clutch arrangements have a clutch pedal which when pressed lifts the clutch away from the flywheel, disengaging the engine from the drive line, enabling gearshifts. The SportShift transmission uses a Transmission Control Module and an Electro-hydraulic control unit to replace the clutch pedal and make gearshifts.

Two modes of gear selection are available.

Auto Drive Mode

In auto drive mode gearshifts are made according to various driving parameters, i.e. road speed, current selected gear and accelerator demands. Forward, reverse and neutral gears are selected by using the auto drive buttons. While in auto drive mode move to paddle shift mode at any time by pulling back pulling back on either the upshift or downshift gearshift paddles, mounted behind the steering wheel.

Paddle Shift Mode

In paddle shift mode forward gears and neutral are selected by using the paddles located behind the steering wheel. Reverse is selected by using the auto drive buttons. While in paddle shift mode move to auto drive mode at any time by pressing the ***DRIVE*** button.

Neutral can also be selected by pressing the neutral Auto Drive button.

[1] SPORT - Press and release at any time while driving to start (button LED ON) and stop sport mode.

[2] REVERSE - When stationary and with the footbrake applied, press and release to select reverse. When reverse is selected, ***R*** will show red in the Gear Position Indicator Display (GPID) (B) and a warning will be heard.

[3] NEUTRAL - When stationary and with the footbrake applied, press and release to select neutral.

[4] DRIVE - When stationary and with the footbrake applied, press and release to select forward gears.

If the brake pedal is not pressed the message centre (right) will show PRESS BRAKE PEDAL and a warning will sound.

The message centre (left) (A) shows the current gear selection R, D1, D2, etc., while the Gear Position Indicator Display (GPID) (B) shows D (drive), R (reverse) or P (park) according to current gear position.

As vehicle speed reduces the SportShift system will open and close the clutch and downshift as engine speed drops to below 1,050 rpm in each gear.

Vehicle Rocking Motion

If the vehicle speed is less than 4 km/h, R (reverse) may be selected from D (drive), without pressing the brake pedal, to create a vehicle 'rocking' motion i.e. to enable vehicle movement out of mud, snow, etc. If 4 km/h is exceeded then the transmission will automatically select N (neutral).

Paddle Shift Controls

Forward gearshifts are selected by pulling back and releasing the gearshift paddles mounted on the steering column. Neutral is selected by pulling back both paddles together and releasing.

Park and reverse are selected by using the centre stack mounted auto drive buttons.

[1] **-** Downshift paddle.

[2] **-** Upshift paddle.

Neutral can also be selected by pressing N.

From park, reverse or neutral, and with the footbrake applied, pull back on either the upshift or downshift gearshift paddle to enter paddle shift mode. As the vehicle speed increases and decreases, make upshifts and downshifts by pulling and releasing the upshift or downshift gearshift paddle. When shifting up through the gears maintain foot pressure on the accelerator pedal.

If a downshift request is not detected during speed reduction, downshifts will occur as engine speed drops.

By pulling and releasing the upshift or downshift paddle in quick succession up and down shifts can be 'skipped', i.e. fifth to third or third to fifth (if the up or down shift requests are within the engine and transmission operating limits).

The message centre (left) and the GPID will show the current gear selection. If the vehicle engine speed reaches its upper operating limit in a particular gear an upshift will not be made until a paddle upshift request has been detected. To inform the driver that the upper operating limit has been reached the GPID gear symbol will change from white to flashing red.

Hyper-shift

When an upshift is made with the engine speed at or above 5,500 rpm and the accelerator pedal is fully depressed the requested upshift will be accelerated, providing a quicker, sportier driving experience. Not available when the comfort feature is ON.

Sport Mode

Greater care should be taken when operating this vehicle in Sport mode in wet weather, low grip conditions, low outside temperatures (below 7°C or when winter tyres are installed.

Sport mode can be selected while in auto drive or paddle shift modes. Press and release the sport button (A) to enter or exit sport mode. The sport button LED will come ON and SPORT will show in the message centre (left) when sport mode is ON.

When Sport mode is ON while in:

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

If sport mode is selected while in auto drive sixth gear a downshift to fifth gear will occur (this will not happen if cruise control is ON) and sixth gear will be inhibited until sport mode is set to OFF.

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

To maintain speed and smoothness while driving in paddle shift sport mode, the current gear, shown in the GPID, will flash red at the optimum time to make an upshift.

Hill Start Assist

The hill start assist function gives assistance and safety for driving off on an incline. If the foot brake is applied for a time when the vehicle is stationary on an incline, when moving off, the brake pressure is retained for a brief moment when you change from the brake to the accelerator pedal. This stops the vehicle from rolling back without the need to apply the park brake.

Clutch Warnings

Excessive demands placed on the clutch, for example, from holding the vehicle on an incline using the throttle only will operate a two stage clutch overheat warning.

Stage One - The amber warning symbol will come ON, and a single audible warning will sound. The message centre (right) will show the message CLUTCH OVERHEAT BRAKE OR PULL AWAY. The driver should reduce the demand on the clutch by increasing the demand on the accelerator pedal or releasing the accelerator pedal and applying the footbrake or park brake.

Stage Two - The message CLUTCH PROTECT MODE and SHIFT COMFORT REDUCED will show as a rolling message with the amber triangle until the clutch temperature returns to normal operating limits. During this time gearshift and moving off performance will be degraded to let the clutch to cool.

Limp-Home Mode

Certain SportShift system faults will place the vehicle into limp home mode. If the vehicle has gone into limp-home mode the message centre (right) will show GEARBOX FAULT REDUCED FUNCTION. While in limp-home mode the vehicle can still be driven but only first, second and reverse gears will be available. Sport mode will be not be available. Contact your Aston Martin Dealer.

Footbrake

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

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

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

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

Vacuum boost is only available while the engine is running.

Ceramic Brake Discs

Warning: Track day use and high speed driving: For track use or high speed driving new brake pads must be subject to specific conditioning. Failure to correctly condition the pads may result in greatly reduced brake performance. Contact you Aston Martin Dealer.

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
- Improved braking performance

The rate of wear of the brake pads and discs will depend on driving style and usage conditions. Track day usage will increase the rate of wear of discs and pads.

Brake Warnings

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

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

- The park brake is not fully released
- The brake pads require regular maintenance
- The brake fluid level has fallen below an acceptable level
- The Electronic Brake Distribution (EBD) system has stopped working.

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

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

Brake Noise: The high performance brake system used on this vehicle is designed to provide optimal braking under all operating conditions. Certain combinations of speed, braking forces and ambient conditions may also cause the brakes to squeal.

Park Brake

Do not rely on the park brake to hold the vehicle stationary if the brake system warning symbol is ON or flashing. Contact your Aston Martin dealer.

The park brake on this vehicle is electric and operates in the same way as a manual parking brake. Pull the switch up to apply the park brake and push the switch down to release the park brake.

Apply and Release the Park Brake

With the vehicle stationary, pull the park brake switch (A) up and release. The red park brake warning symbol in the instrument cluster will come ON BRAKE (if the ignition is ON) when the park brake is fully applied. The stop lamps will not come ON.

When stationary the park brake can be applied at any time if not already applied.

The park brake operates on the rear wheels of the vehicle. Secure parking of the vehicle is dependent on being on a hard and stable surface.

To release the park brake the ignition control must be at position 'II'. First apply pressure to the foot brake then press down on the park brake switch and release.

Drive Away Release

Do not exit the vehicle with the engine operating and the transmission in D (drive) or R (reverse). If the transmission is left in D or R the vehicle could overcome the park brake and start to move.

When parked with the park brake applied, select a forward or reverse gear, press the throttle pedal and the park brake will release as the vehicle moves forwards or backwards.

The park brake will not release when moving from a standstill if a vehicle door or the lift glass is open - in this case the park brake must be released with the park brake switch.

Park Brake Operation While Moving

Driving the vehicle with the park brake applied or repeated use of the park brake to slow the vehicle can cause serious damage to the brake system.

In an emergency, with the vehicle travelling at more than 6 km/h, pull up on the park brake lever and hold to give a gradual reduction in speed. The brake warning symbol will come ON, a warning sound will be heard and CAUTION PARK BRAKE APPLIED will show in the message centre (right).

Release the switch to cancel the park brake application.

Hill Start Assist

The hill start assist function gives assistance and safety for driving off on an incline. If the foot brake is applied for a time when the vehicle is stationary on an incline, when moving off, the brake pressure is retained for brief a moment when you change from the brake to the accelerator pedal. This stops the vehicle from rolling back without the need to apply the park brake.

Park Brake Faults

Low Battery Voltage

If the battery voltage is too low, the park brake cannot be put ON or OFF. Connect an auxiliary battery if the battery voltage is too low.

System Faults

If a fault in the system is detected, PARK BRAKE FAULT or CANNOT APPLY PARK BRAKE will show in the message centre (right). Contact your nearest Aston Martin Dealer.

If the battery has been discharged or disconnected, APPLY FOOT AND PARK BRAKE will show in the message centre (right) when the ignition is next ON. Press the foot brake down and pull the park brake lever up to put the park brake ON, this will reset the park brake system.

Anti-Lock Braking System

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 tyre to road adhesion, the ABS operates to prevent the road wheels locking. When this happens a pulsating effect is felt through the brake pedal. This is a normal ABS effect.

Safety

In all cases it is always 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 let 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 tyres are prevented from contacting the road surface by a layer of water).

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

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

ABS Warning

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

ABS is monitored for correct operation while the ignition is ON. If a fault is detected, the ABS warning symbol  will come ON and the ABS will be partly or fully OFF. Normal braking will continue to function without ABS.

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

Dynamic Stability Control

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

Warning: Dynamic Stability Control (DSC) must never let the driver be tempted into taking risks which could affect his or her safety or that of other road users. DSC cannot overcome consequences of applying too much engine power for prevailing conditions.

Dynamic Stability Control (DSC) is a system designed to enhance driving safety by improving the vehicle handling when the tyres 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.

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 system which detects steering wheel position.

The DSC system may not operate correctly when using tyre chains or a temporary spare tyre.

Use tyres of the same manufacturer, brand, tread pattern and correct size specified for this vehicle on all four road wheels. Do not mix worn tyres.

DSC has three modes of operation:

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

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

TRACK MODE - Press and hold the DSC button (A) for four seconds and release. DSC TRACK MODE SELECTED will show in the message centre (right) and the DSC symbol will be ON in the instrument cluster. This raises the thresholds at which the DSC system operates. While the DSC system operates to correct the vehicle stability the DSC symbol will flash.

OFF - When in track mode press and hold the DSC button for four seconds and release to set the DSC to OFF. DSC OFF can not be selected from DSC on. DSC FUNCTION OFF will show in the message centre (right) and the DSC symbol will show in the instrument cluster. DSC is no longer controlling engine torque and applying strategic application of the brakes at individual wheels.

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

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

Fault Signs

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

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

Traction Control

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

Warning: Traction control must never let the driver 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 either of the driven wheels when they start 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 cruise control is on it will automatically go OFF when traction control is operating.

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

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

Traction control is always ON when DSC is ON.

Positive Torque Control (PTC)

ABS and traction control are complemented by the addition of an engine drag-torque control system - Positive Torque Control (PTC).On slippery road surfaces, a downshift or sudden throttle closing can cause a braking effect at the driven (rear) wheels due to engine braking. This may cause a loss of traction between the rear road wheels and the road. PTC increases engine torque via the engine management system, to keep the speed of the driven (rear) wheels within the optimum range.

Parking Camera

Option

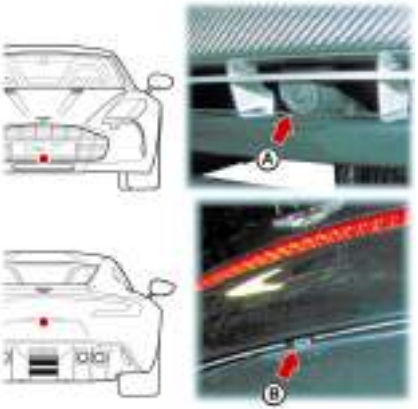
Warning: The parking cameras do not replace need for total vigilance and caution when parking or reversing.

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

For reliable operation, the parking camera lenses in the front and rear bumpers should be kept free from ice, frost and grime.

When using a high pressure spray the parking camera lenses should only be sprayed briefly and not from a distance of less than 200 mm. Do not clean the camera lenses with abrasive materials.

The front and rear parking cameras (A and B) give a view of the front or rear of the vehicle as the vehicle is moved forwards or backwards while parking or reversing. The cameras operate when the vehicle speed is at 16 km/h or below (including when the vehicle is stopped).



Operation

If the vehicle is in reverse gear, press and release the camera switch (C) to view the rear of the vehicle.

If the vehicle is in a forward gear press and release the switch to view the front of the vehicle.

If the vehicle is stopped and not in a forward or reverse gear press and release the switch to view the front of the vehicle.

At any time while the cameras are operating press and release the switch to view the front or rear.

If the camera switch is pressed when the vehicle speed is above 16 km/h or the vehicle speed goes over 16 km/h, the warning message CAMERA NOT AVAILABLE AT SPEED will show on the infotainment screen. After four seconds the screen display will change to the main menu, now playing[1] or route guidance[1]. screen. Press any infotainment button to stop camera view.

The screen display shows the rear cameras view when reverse gear is selected and the front camera view when forward gears are selected. You can move from rear to front views by using the infotainment centre joystick.

1. If ON.

Ride Height Adjustment

The fully automatic ride height adjustment system changes the vehicle ride height, dependant on the vehicle speed. Lowering the vehicle ride height when travelling at speed reduces the drag affect on the vehicle because the frontal area exposed to the oncoming air is reduced. A low ride height at high speed also stiffens the springs and provides further stability.

Rear Wing

When raised the rear wing, located behind the rear window (A), creates a downforce which provides more vehicle stability and predictability while driving.

It automatically operates (raises) when the vehicle reaches a speed of 110 km/h and lowers automatically when the vehicle speed decreases to 50 km/h and stays at 50 km/h or below for 30 seconds.

It can be raised manually, at any speed below 110 km/h, by pressing button B, if required. If raised manually the wing will not lower until the vehicle speed has inceased to 50 km/h or more and then decreased below 50 km/h for 30 seconds or more.

Fuel Filling

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

Open the fuel flap by pressing the fuel flap release button (A (located in the cubby box)). If the filler flap will not open when the release button is pressed, use the fuel filler flap emergency release.

Turn the cap counterclockwise past resistance, then lift off. Place the cap into its holder. Install the cap by turning clockwise past resistance, until three 'clicks' are felt as the cap is fully tightened. Close and latch the fuel flap.

The fuel system will not let the fuel tank overfill but there will be times when the fuel nozzle will shut OFF prematurely. If this happens only try to fill the fuel tank one more time, continued attempts will result in fuel spillage. Wait 10 seconds before removing the refuelling nozzle.

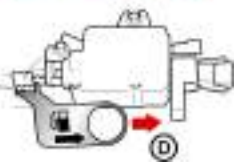
Fuel Filler Bowl

To stop water gathering in the fuel filler bowl and flowing into the fuel tank, the fuel filler bowl has a pipe to let the water drain from the bowl. During fuel filling, check and make sure that any debris which may block the pipe is removed.

Fuel Filler Flap Emergency Release

If the filler flap will not open when the release button is pressed, open the filler flap manually.

Remove the boot rear storage area cover (C) to access the manual fuel filler flap release. Push the lever (D) towards the front of the vehicle to open the filler flap.



Fuel Cut-OFF

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

Engine Oil Level

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.

Check the engine oil level every fourth fuel tank fill or weekly - which ever is the sooner.

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 convertors 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 the ignition has been set to OFF.

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

Procedures for driving this vehicle may be unfamiliar to many new owners. To make sure that you have a safe and enjoyable entry into this new phase of Aston Martin motoring 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.

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 tyres 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 tyres are also under inflated or approaching minimum tread depth.

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

Slow down when it is raining.

Track Days

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

Driving Through Deep Water

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

If driving on flooded roads, through deep or standing water is unavoidable, proceed with extreme caution, especially when the depth is not known. Never drive in water deeper than the lower edge of the front bumper. Water can be splashed up into the engine air intakes located in the front upper grille and cause extensive damage to the engine or the vehicle may stall.

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.

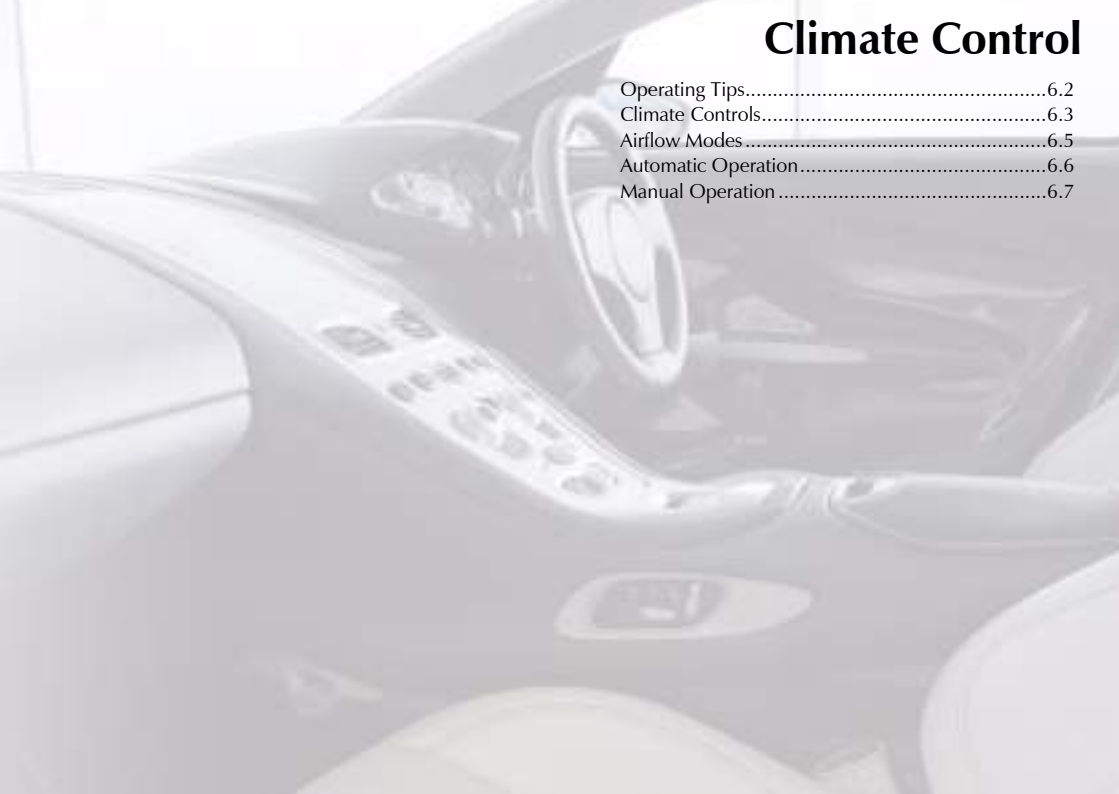
📖 *Waves caused by other vehicles or natural causes can also splash water in the engine air intakes.*

Running-In

This vehicle is fully hot tested during manufacture and no special running-in procedures are necessary. Nevertheless it is recommended 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 1500 km.

ASTON MARTIN

Climate Control



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 center stack. To maintain the optimum temperature 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 show a system malfunction
- Operate the climate control system with the engine operating
- Clear all obstructions like leaves, snow and ice from the bonnet and the air inlet in the front grille to improve the system efficiency
- Windows can fog up easily in humid weather. Use the climate control system to demist the windows
- To help demist the windows, operate the air conditioner to dehumidify the air
- Use the 'outside air' position in normal conditions. The 'recirculated air' position should be used temporarily when driving on dusty roads or for quick cooling or heating of the interior
- If the vehicle has been parked in direct sunlight during hot weather, open the windows to let warm air escape, then close the windows and operate the climate control system
- Operate 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
- This vehicle is equipped with a pollen filter. It is necessary to change the filter periodically as shown in the scheduled maintenance. Consult your Aston Martin Dealer

[1] AUTO - Press for automatic climate control operation (Refer to 'Automatic Operation', page 6.6).

[2] TEMPERATURE - Set the required in vehicle temperature. Turn clockwise for hot and counterclockwise for cold. If the infotainment display is open the temperature is shown while an adjustment is made (goes OFF one second after adjustment is stopped.).

[3] A/C - When in manual mode press and release to set the air conditioning ON or OFF.

[4] MAX  ***-*** Press for maximum defrost or demist ON or OFF. Outside air intake is automatically selected and air conditioning is automatically started.

[5] AIRFLOW: FACE ONLY - Press and release to select an airflow directed to your face. Press and release FACE ONLY and FEET ONLY to for an airflow to both face and feet.

[6] AIRFLOW: FEET ONLY - Press and release to select an airflow directed to your feet[1]. Press and release FEET ONLY and WINDOWSCREEN AND DOOR WINDOWS ONLY for an airflow to feet, windowscreen and door windows[2].

[7] AIRFLOW: WINDOWSCREEN AND DOOR WINDOWS ONLY - Press and release to select airflow directed to the windoscreen and door windows only[3].

---

1. In addition a small bleed of air is directed to the face vents, the windscreen and door windows.
2. In addition a small bleed of air is directed into the face vents.
3. In addition a small bleed of air is directed into the face vents.

[8] FAN SPEED - Turn to set the required fan speed (clockwise for fast speed and counterclockwise for low speed). If the infotainment display is open the fan speed is shown while an adjustment is made (goes OFF one second after adjustment is stopped.).

Warning: Do not select recirculated air in cold or rainy weather, it can cause the interior glass to mist up.

[9] AIR CIRCULATION - Controls the source of air entering the vehicle. Press to select recirculated air (button LED ON). Press again to select outside air as source.

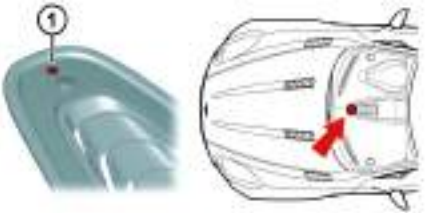
Use the recirculated air position when going through tunnels, driving in congested traffic (high engine exhaust areas) or when maximum cooling is required. On start up the default position is outside air as source. Use this position for normal conditions and demisting.

Solar and Temperature Sensors

The automatic air conditioner function measures inside and outside temperatures, and sunlight. It then sets the interior temperature accordingly. To maintain effective operation do not obscure the following sensors:

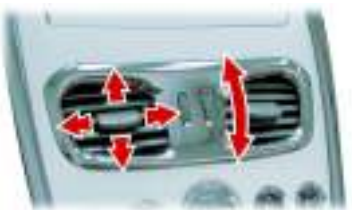
[1] - Solar sensor.

[2] - In-vehicle temperature sensor.



Adjusting the Vents

To adjust the air flow vents:



Press ***AUTO***. Using the ***TEMPERATURE*** dial set the required in-vehicle temperature (the temperature setting will show on the ***DISPLAY***). The ***A/C*** button LED will come ON.

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

Maximum fan speed will not be available until the engine has reach its normal operating temperature.

When using the air conditioner, mist may come out from the vents. This is not a sign of trouble but a result of humid air being suddenly cooled.

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

Defrost and Demist

To defrost or demist the windscreen on vehicle start up in extreme cold weather conditions, operate the engine at 1500 rpm. Always make sure that the park brake is applied.

Press ***MAX***  . The outside air intake is automatically selected, the temperature is set to maximum and air conditioning is started.

If the engine is cold the air conditioner will not start up until the engine has started to warm up.

To cancel automatic defrost or demist either:

- Press ***MAX***  again

or

- Press ***AUTO***

or

- Press any of the airflow mode buttons

Set the required:

- Fan speed
- Temperature
- Air flow

*The fan speed and temperature setting will show on the infotainment **DISPLAY**.*

When using the air conditioner, mist may come out from the vents. This is not a sign of trouble but a result of humid air being suddenly cooled.

Setting the temperature to maximum high or low will not provide the required temperature at a faster rate. To prevent cool air blowing from the vents when heating immediately after starting a cold engine, the amount of airflow is reduced until the air warms up.

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

If dehumidifying is required, press the ***A/C*** button (button LED ON). To stop dehumidifying press ***A/C*** button (button LED OFF).

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

Defrost and Demist

To defrost or demist the windscreen on vehicle start up in extreme cold weather conditions, operate the engine at 1500 rpm. Always make sure that the park brake is applied.

Press ***A/C***. Press the airflow button.

Set the required:

- Temperature
- Fan speed

If the engine is cold the air conditioning will not start up until the engine has started to warm up.

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

ASTON MARTIN

Infotainment Centre

Infotainment

The infotainment system delivers navigation, entertainment, and phone services in your vehicle. The services include:

- Audio Media
  - Radio
  - Digital Audio Broadcasting (DAB)
- Navigation
- Parking Cameras(Refer to 'Parking Camera', page 5.25)
- Hands-free Telephone

Controls

[1] VOLUME - Turn the dial for volume control.

[2] ON/OFF - One short press and release will set the audio to OFF. One long press and release will set the screen to OFF (except for climate prompts and an incoming phone call). By default the screen will stay raised when set to OFF. The screen can be set to lower when set to OFF, go to the settings menu (screen OFF or ON settings), and select screen to lower when set to OFF.

[3] BACK - Press to move back one action.

[4] RADIO -

If radio is not the current media source: Press and release to change audio source to the last heard radio station. The radio selection screen will show, and after four seconds this will change to the 'Now Playing' screen.

If radio is the current media source: Press and release to select the next available radio source and play the last heard station. The radio source menu will show with the current radio source highlighted. If no selection is made after four seconds the now playing screen will show.

[5] SOURCE - Press and release to select the music selection menu, with the current (or previous) media source highlighted. Press and release again to select the next available music source. If no selection is made after four seconds the now playing screen will show.

[6] NAV* - If route guidance is OFF:** Press and release will show your current position on the map. Press and release again to select of the navigation menu (or press ***BACK).

If route guidance is ON: Press and release to show your current position on the map and the route ahead.

[7] PHONE - Press and release to start the hands-free phone system.

[8] MENU - Open the main menu. If no selection is made the screen will go back to the previous display (i.e. Now Playing or Nav screen).

[9] VOLUME - Volume control.

[10] CALL - Accept or decline a call.

Infotainment On and Off

The infotainment system is available with the vehicle key at least in position 'I' and is available until the vehicle key is removed from the ignition control.

If the infotainment system is ON when the ignition is set to OFF and the vehicle key removed, it will automatically start the next time the vehicle key is moved to position 'I'.

When the infotainment system is set to ON the volume will be set to a low level.

*Pressing the **RADIO** or **SOURCE** buttons will change the current infotainment source.*

ON/OFF: Short Press and Release

If an audio source is ON and playing, one short press will switch the audio playback to OFF and any media playback will be paused if applicable. The screen will show the main menu. If the navigation application is working you will see the Route Guidance screen.

If there is no working media application, one short press will start playback of the previous media source. If the navigation application is OFF, you will see the 'Now Playing' screen of the media source. If the navigation application is ON, then user shall stay on the current screen and audio source shall work in the background.

ON/OFF: Long Press and Release

One long-press and release will set the screen to OFF / ON, When OFF the screen will stay open and infotainment functions will continue to operate.

Only climate control pop ups and any incoming phone calls will show a message on the screen.

One long-press and release again will set the screen to ON.

Operation

At any time while the infotainment system is ON press ***MENU*** to view the main infotainment screen.

Use the ***JOYSTICK*** to navigate the menu system. Select from:

- PARKING CAMERAS
  (Refer to 'Parking Camera', page 5.25)
- NAVIGATION
- MUSIC
- HANDS-FREE PHONE
- SETTINGS

Maintenance

Each item in the service schedules must be performed on time as failure to do so may void the new vehicle warranty or other warranties. It is the owner's responsibility to see that the vehicle is maintained correctly and in accordance with the manufacturer's service schedules.

Due to the sophistication of the various systems and the specialised equipment required to maintain this vehicle, owner maintenance should be restricted to the routine procedures described in this owner's guide.

If you think that this vehicle is not functioning correctly, 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.

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.

The electronic fuel injection system requires special equipment and test facilities to set up and maintain so that the vehicle gives maximum performance coupled with economy, reliability and safe vehicle emissions. You are, therefore, strongly advised to entrust all service work to an Aston Martin Dealer.

Parts and Lubricants

When undertaking a servicing task only parts, materials, lubricants, etc. that are specifically recommended by Aston Martin should be used. Failure to do so can result in damage to your vehicle and may invalidate your new vehicle warranty or other warranties (Refer to 'Aston Martin Warranty', page C.1).

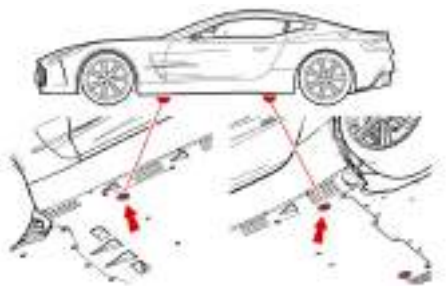
Your vehicle's warranty may be invalidated if damage is caused by the use of incorrect engine oil. Low quality or obsolete oils do NOT provide the protection required by modern, high performance engines. Failure to use engine oil that meets the required specification could cause excessive engine wear, a build up of sludge and deposits, and increased pollution. It could also lead to engine failure.

Warning: Make sure that no persons are in the vehicle before jacking commences.

Warning: Make sure that the vehicle is parked on firm and level ground to give a secure base for the jack.

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

If this vehicle is to be raised using a vehicle jack make sure that the following jacking points are use.



Servicing Precautions

To avoid personal injury, the following safety precautions must be observed when the bonnet is open and the engine is operating or the ignition is ON.

Warning: Protect yourself against dangerous substances (Refer to 'Dangerous Substances', page 8.5).

Warning: Keep hands, hair, tools, items of clothing and jewellery clear of all drive belts, pulleys and operating mechanisms. The cooling fans may operate even though the engine is not operating.

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 breathe exhaust fumes. Exhaust fumes contain carbon monoxide. Carbon monoxide is a dangerous gas, which is colourless and odourless and can cause unconsciousness and may be fatal. Never start or leave the engine running in an enclosed, unventilated area.

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 let anyone inside the vehicle unless specifically working to your instructions.

Warning: Whenever possible work in the engine compartment with the engine cool, the ignition 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, set the engine to OFF, 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, windscreen 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 authorised 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 storage area A (open the lift glass).

[1] **-** Tyre Sealant Kit

[2] **-** First Aid Kit[1]

[3] **-** Warning Triangle.

Always follow local regulations when placing a warning triangle.

[4] **-** Towing eye (Not shown (located in the vehicle tool kit)).

1. Option.

In the interests of safety and reliability, it is advisable to carry out the following checks at the intervals suggested (more frequently if your vehicle is heavily used or operating in adverse conditions), and always before starting on a long journey. Refer to the following pages for advice and check procedures.

Before Use Check:

- Operation of lamps, horn, indicators, wipers, washers and warning symbols
- Check there is sufficient fuel for the intended journey, particularly at night and before entering motorways
- 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)

- Tyres
- Coolant level
- Brake fluid level
- Power steering level
- Operate Air Conditioning
- Windscreen washer fluid level
- Check operation of windscreen washers

Fuel Filler Bowl

During fuel filling check that the fuel filler bowl drain pipe is free from debris which may block the pipe. If the pipe is blocked water can not drain from the bowl and can overflow into the fuel tank.

Engine Oil Level

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.

Check the engine oil level every fourth fuel tank fill or weekly - which ever is the sooner.

Tool Kit

A vehicle tool kit is located in storage area A (open the lift glass).

The tool kit consists of:

- Towing eye (Refer to 'Vehicle Recovery', page 8.21)
- Screwdriver

Battery Conditioner

(Option)

A battery conditioner is located in storage area A (open the lift glass).

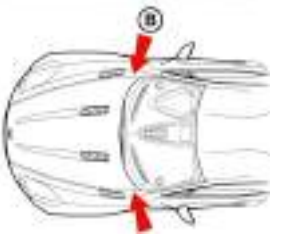
(Refer to 'Battery Conditioner', page 8.29)

Bonnet Release

Do not press down hard on the bonnet if it has not closed correctly. This may damage the bonnet.

Take care not unintentionally to pull on or catch the bonnet release lever.

To open the bonnet pull the lever (A (left front footwell)) to release the bonnet latch.



Lift the bonnet from the rear edge (B (left or right hand side)) Lift the bonnet until fully open. The bonnet is held open by two gas struts.

Before closing the bonnet, remove any tools, cleaning cloths, etc. from the engine compartment. Make sure that no one is obstructing the 'closing' area and that hands, clothing etc. are clear.

If the bonnet does not fully close or it opens during driving the message centre (right) will show BONNET OPEN.

To close the bonnet lower the bonnet until it starts to fall under its own weight. At that point let the bonnet fall, slowly, to close. Press down on each bonnet rear corner to make sure that the bonnet is closed.

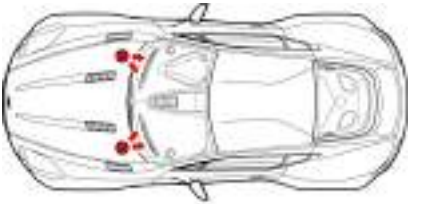
If the bonnet does not shut, open the bonnet again and repeat the closure procedure, this time assist using light hand pressure as the bonnet falls.

Windscreen Wash Fluid Level

Top up as required. In winter, to prevent the windscreen wash fluid freezing, increase the fluid concentration (refer to the manufacturers recommendations on the windscreen wash fluid container).

When the level of windscreen wash fluid is low an information message will show in the message centre (right) and the amber warning symbol will come ON.

Local or state regulations may restrict the use of volatile organic compounds (VOCs), which are commonly used as antifreeze agents in windscreen washer fluid. A windscreen 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.



Windscreen Washer Jets

The washer jet housings are located in the area between the edge of the bonnet and the windowscreen. Each housing contains two washer jets.

Windscreen washer jets are set during manufacture and should not need adjustment. However, if adjustment is required, adjust up or down so that the fluid strikes between a third and half way up the windscreen.

Brake Fluid Level

Warning: Do not drive the vehicle if the brake fluid level is below the minimum mark.

Make sure that the 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.

Remove the cover (A) to access the brake fluid reservoir. 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 Max. level.
2. Install the reservoir cap securely.

Engine Coolant Level

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 antifreeze mix, if required (Refer to 'Fluids and Capacities', page 9.11).
2. Make sure that the filler cap is secure after topping up.

Do not over tighten.

If required to remove the pressure cap before the engine is cold, **use gloves or a protective cloth** and slowly loosen the pressure cap. Allow residual pressure to slowly drop. Continue to turn the pressure cap until it is released.

Power Steering Fluid Level

Make sure that the power steering fluid does not contact the paint work during topping up. Serious paint work damage can result. If a spillage does occur, immediately flush any power steering fluid from the paint work with clean fresh water, then wipe with a clean damp cloth.

Always check the reservoir level when the engine is cold and with the front road wheels in the straight ahead position.

Wipe the reservoir cap clean before removing to prevent an ingress of contaminants.

1. Remove the reservoir cap and wipe the dipstick clean with a lint free cloth. Replace and remove again. The fluid level should read between the Min. and Max. marks.
2. If required, top up fluid level. **Do not overfill**.

Engine Oil Level

Warning: Engine oil or components may be hot and could cause severe burns.

Running the engine with engine oil below the lower mark or above the upper mark can cause serious engine damage.

This vehicle's warranty may be invalidated if damage is caused by the use of incorrect engine oil. Low quality or obsolete oils do NOT give the protection required by modern, high performance engines.

Failure to use engine oil that meets the required specification could cause excessive engine wear, a build up of sludge and deposits, and increased pollution. It could also lead to engine failure (Refer to 'Fluids and Capacities', page 9.11).

Make sure that there is oil in the reservoir before the engine is started. Look for a sign of engine oil on the dipstick. Running the engine with no engine oil in the reservoir can cause serious engine damage.

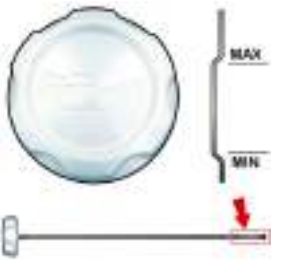
The vehicle should be on level ground.

Check the oil level when the engine is completely cold Before starting the engine to check the oil level, remove the oil reservoir cap and wipe the dipstick clean with a lint free cloth. Replace the cap fully tighten and then remove. Check that there is engine oil on the dipstick. If there is no oil on the dipstick top up the reservoir until oil registers on the dipstick. Replace the cap and fully tighten.

Oil level check:

Oil will expand when hot. For an accurate check, check the engine oil level when the engine is cold.

1. Operate the engine at 1500 - 2000 rpm for 20 seconds then set the engine to OFF.
2. Wait 30 seconds then remove the oil reservoir cap and wipe the dipstick clean with a lint free cloth. Replace the cap and fully tighten.



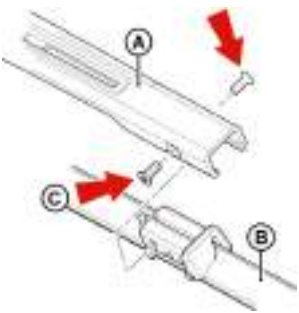
3. Remove the cap again - avoid contact with the sides of the tank. If the level is below Max., top up to the Max. mark with the recommended engine oil.

Approximately two litres (three pints) is required to bring the level from Min. to Max.

4. Repeat from step 1 to check the level.

Windscreen Blade Replacement

To replace the windscreen wiper blades lift a wiper arm (A) up to access the two grub screws (C). Loosen each grub screw (use a T20 torx head allen key) to allow the wiper blade (B) to slide out from its holder. Slide in a new wiper blade and tighten the two grubs screws to secure the wiper blade in place.



Brake Pad 'Bedding-in'

Warning: Track day use and high speed driving: For track use or high speed driving new brake pads must be subject to specific conditioning. Failure to correctly condition the pads may result in greatly reduced brake performance. Contact you Aston Martin Dealer.

Failure to 'bed-in' new brake pads will result in reduced brake performance and possible brake judder or squeal.

After the installation of new brake pads, brake performance will be reduced, as the brake discs and pads need to be 'Bedded-in'. For the first few hundred kilometres of new brake pad use, avoid excessive braking (hard stops from high speed, alpine descents, etc.).

Tyres of the correct type, manufacturer and dimensions, with correct cold inflation pressures are an integral part of every vehicle's design. Regular maintenance of tyres contributes not only to safety, but to the designed function of the vehicle.

Road holding, steering and braking are especially vulnerable to incorrectly pressurised, badly installed or worn tyres.

Tyres of the correct size and type, but of different make have widely varying characteristics.

Only install tyres approved by Aston Martin.

Tyre Pressures

Make sure that correct tyre pressures are carefully maintained. Road holding, steering, braking and tyre wear are especially vulnerable to incorrect tyre pressures.

Check tyre pressures regularly and before starting any journey. Re-inflate any tyre with a low pressure at the earliest opportunity.

Pressures increase slightly when the tyres are hot. For an accurate reading, pressures should be checked when the tyres are cold. After adjusting the tyre pressures, make sure that the valve caps are securely replaced to provide an additional air seal and to prevent the ingress of dirt.

Tyre Service

Front Tyres

The recommended front tyres for this vehicle are symmetrical and directional (when installed on the wheel, the front wheels can not be swapped on the same axle). Make sure that the direction of rotation arrow (on the tyre sidewall) shows the direction of tyre rotation is forwards.

Rear Tyres

The recommended rear tyres for this vehicle are asymmetrical and must be installed to the wheel with the tyre mark 'Outside' on the outside of the wheel rim.

The front and rear tyres are also of different sizes on the front and rear axles, therefore complete wheels cannot be swapped between axles.

📖 *Always take note of the position of the wheel on the vehicle wheel hub. After a tyre change the wheel and tyre must be installed to the same side on the same axle as it was taken from.*

The Aston Martin 10 spoke wheel is right and left handed. Always install to the same side on the same axle as it was taken from.

Because of the high performance potential of this vehicle, Aston Martin strongly recommend replacement of any damaged or worn tyre.

Damage

Tyres should be examined at regular intervals for wear and damage. Inspect the tyre 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 tyre inspected by a tyre professional.

Stones or other objects which have become lodged in the tyre treads should be carefully removed.

Flat Spots

It is a characteristic of high performance tyres that temporary 'flat spots' may develop if the vehicle is left standing in high or low ambient temperatures for any length of time.

These 'flat spots' will manifest themselves as minor vibrations when the vehicle is first driven from cold. As the tyres warm up to operating temperature, normal tyre shape should be restored and the vibrations cease. If vibrations persist, consult your Aston Martin Dealer.

Age

Tyres degrade over time, even when they are not being used. It is recommended that tyres generally be replaced after five years of normal service. Heat caused by hot climates or frequent high loading conditions can accelerate the aging process.

Local regulations on tyre life may apply.

New Tyres

New tyres should not be installed to the front wheels in combination with worn rear tyres, as rear end stability will be affected. When new tyres are required consult your Aston Martin Dealer for advice if the rear tyres are also worn. Each wheel and tyre unit must be balanced dynamically and measured for Radial Force Variation $(RFV)_1$ to make sure of efficient steering, optimum tyre wear and maximum ride comfort. Because of the potentially high speeds, it is essential that wheel balancing is carried out when new tyres are installed.

1. Contact your Aston Martin Dealer for more information.

Running-In New Tyres

When new tyres have been installed, speed should be limited, particularly during the first 80 km or so of driving. Fast cornering, hard braking, and harsh acceleration should also be avoided during this period.

Tread Wear Marks

Tread wear marks (A) are incorporated into the construction of all tyres. These marks are integral moulded ribs spaced at regular intervals around the circumference of the tyre and extend across the full width of the tread, in all primary grooves.

When a tyre has worn causing one or more of the marks to be flush with the outer face of the tread the tyre has reached its wear limit. It then becomes illegal in certain countries and must be replaced.

Winter Tyres

The tyres 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 tyres will considerably improve handling during these conditions.

Only use Aston Martin approved winter tyres.

Warning: Maximum speed with winter tyres is 270 km/h.

Winter tyres must be used in vehicle sets, that is, installed on all four wheels. Four special wheel rims and winter tyres are required for severe weather driving (Refer to 'Specifications', page 9.1). Do not exceed the tyre speed rating when using winter tyres. Contact your Aston Martin Dealer.

Tyre Sealant Kit

Warning: Do not use the system to seal a tyre that was damaged while driving with insufficient air pressure (e.g. tyre cuts, cracks, bumps or similar damage). Do not use the system to seal tyres with side wall damage. Only punctures in the tread area of tyres may be sealed.

Warning: Do not stand directly beside the tyre while the compressor is pumping. Watch the side wall of the tyre. If there are any cracks, bumps or similar damage set the compressor to OFF. The journey should not be continued. Contact your nearest Aston Martin Dealer.

Warning: If a tyre pressure of 1.8 bar cannot be reached then the tyre can not be sealed. Do not attempt to re-inflate the tyre. Contact your Aston Martin Dealer.

Warning: If the pressure in the tyre after driving for 3 km is below 1.3 bar the tyre has not been effectively sealed. The journey should not be continued. Contact your nearest Aston Martin Dealer.

Warning: After a longer period of rest, the tyre pressure should be rechecked.

The tyre sealant kit only provides temporary mobility. Always refer to local laws and regulations on the use and repair of tyres that have been treated with any form of temporary mobility aid. Consult a tyre specialist for advice.

Inform the tyre specialist that the tyre contains sealant.

Location

The tyre sealant kit (A) is located in the rear storage area.

Operation

Remove the tyre sealant kit from it's location in storage area A (open the lift glass). Follow the instructions detailed on the lid.

Read the following instructions and warnings carefully before using the tyre sealant kit. Compliance with these instructions is vital to make sure of vehicle and user safety. Noncompliance with these instructions means risking severe tyre damage and hazardous vehicle behaviour which can lead to a road accident involving damage to property or injury to persons.

- Make sure that the vehicle is parked far enough from traffic so that there is no danger from passing vehicles and so that you do not disrupt the traffic. Warn other vehicles using the warning triangle
- The system should only be used between temperatures of – 40°C and 70°C
- A maximum speed of 80 km/h may not be exceeded at any time after sealing the tyre with the system
- The system provides only a **temporary emergency repair** for continuing the journey up to 200 km or to the nearest Aston Martin Dealer
- If the nearest Aston Martin Dealer is over a 200 km away arrange for collection under the Aston Martin Emergency Service scheme
- The system will effectively seal a tyre that was punctured by an object with a diameter of up to 6 mm. It is possible that a tyre, especially with greater damage, will not be sealed. Do not remove objects that punctured the tyre if they are still lodged in the tyre
- 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 50 litre (air mattresses, rubber boats, etc.). Do not let the system pump air for more than 10 minutes without stopping it and allowing it to cool down

Both the hose and the bottle of sealant need to be replaced after using the system. Sealant deposits in a used hose may cause the system to operate incorrectly. New bottles of sealant can be purchased from your Aston Martin Dealer.

Dispose of empty sealant bottles together with normal household waste.

Remains of liquid sealant must be handed over to your dealer or disposed of in compliance with local waste disposal regulations.

Vehicle Recovery

When moving the vehicle by transporter make sure that the vehicle is not strapped down to the transporter by the suspension control arms.

Power braking and power steering are not available with the engine OFF. Substantially higher brake pedal pressures and steering effort are required.

If there is a transmission fault, this vehicle must be transported.

Your vehicle should always be recovered on a vehicle transporter[1] and should only be towed for **short distances**, for example, if it is causing an obstruction or if it requires winching onto a transporter.

1. The recommended method for a recovering vehicle is to have it transported in a purpose built, covered, vehicle transporter.

If the park brake was applied and the vehicle has lost power, the park brake will not release. Call Aston Martin assistance.

If the transmission is in neutral then first gear will be selected at ignition OFF. If the transmission is in first or reverse gear, the transmission will stay in the selected gear at ignition OFF. To enable neutral to be selected at ignition OFF, set the ignition to ON then press and release the neutral button twice, or pull back and release the gear shift paddles twice, before the ignition is set to OFF. An audible warning will sound three times while the message centre (right) will show GEARBOX IN NEUTRAL and APPLY PARK BRAKE.

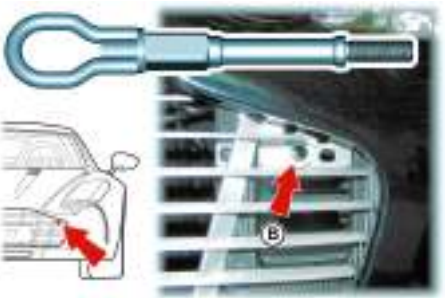
If moving the vehicle in such a situation:

1. Remove the towing eye from its storage location in the vehicle tool kit (located in the boot storage area), and install the towing eye to the exposed female threads (A)[1].

Install the towing eye in until it is against the vehicle body (B).

Protect vehicle paint work when installing the towing eye.

2. Put the transmission into neutral. Move the vehicle key to position 'II' (ignition ON) to release the steering lock.
3. When being towed use the footbrake very gently as required to prevent excessive slack in the tow rope.



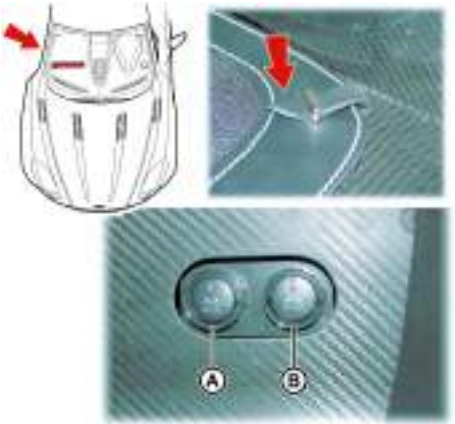
1. The towing eye has a left hand thread.

Battery Disconnect Switch

Your vehicle has a Battery Disconnect Switch (BDS) and a Battery Connect Switch (BCS). For transportation it will be necessary for the recovery operator to disconnect the vehicle battery.

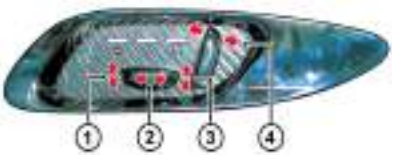
Before the BDS or the BCS is pressed make sure the vehicle key is removed from the ignition control.

Remove the leather tabs that secure the footwell carpet (A) and lower the carpet to access the two switches. To set all vehicle electrics to OFF press the BDS (A). To set the electrical systems ON press the BCS (B).



Front Seat Reset

If the vehicle key is not removed from the ignition control before the BDS is pressed and a front seat(s) have been adjusted at the start of the journey, the front seats may need to be reset. To reset a front seat:



1. Press the seat forward button (2) until the seat is fully forward.
2. Press the seat back button (4) until the seat back is fully backwards.
3. Press the seat down button (1) until the front of the seat is fully down.
4. Press the seat down button (3) until the rear of the seat is fully down.

Jump Start From Another Vehicle

Warning: The donor vehicle must have a 12 volt battery and a negative (-), black earth terminal to make sure that the correct battery polarity is maintained.

Apart from vehicle recovery, this vehicle must not be driven if the vehicle battery is incapable of starting the engine. In this case the vehicle battery must be replaced.

If the voltage or earth of the donor vehicle is different or not known, do not attempt starting in the way described.

If this vehicle will not start due to a discharged battery, it may be started, **for vehicle recovery**, by connecting the battery from another vehicle (donor) to this vehicle (recipient).

If the vehicle battery is discharged and the doors are closed there will be no access to the vehicle interior. To connect a doner battery remove the right side front wheel and remove the access panel in the wheel arch liner. Connect the positive (red) (A) and the negative (black) leads as detailed in the jump start procedure.

Where there is access to the vehicle interior, open the bonnet and access the negative and positive points in the engine bay.

Jump Start Procedure

Remove rings, metal watch bands and any other jewellery.

Set all electrical motors and ancillaries in both vehicles to OFF.

Set all lamps to OFF except those needed to protect vehicles or illuminate the work area.

1. Position the donor vehicle so that the connecting cables will reach into the recipient engine bay. Apply the park brake and set the ignition to OFF.
2. Access the jump start terminal in the recipient engine bay.
3. Connect the positive (red) cable between the positive (red) terminal of the donor battery and the jump start terminal of the recipient vehicle (A).

4. Connect the negative (black) cable between the negative (black) terminal of the donor battery and a good earth (negative) point in the recipient engine bay (i.e. alternator mounting bracket).
5. Start the donor vehicle engine and run at about 1500 – 2000 rpm.
6. Start the engine of the recipient vehicle.
7. Once both vehicles are running remove the jump start cables, first the negative (black) cable from both vehicles and then the positive (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. Set the engine to OFF and restart the engine. Take the vehicle on a long run to fully charge the battery.

   Contact your Aston Martin Dealer to have the battery checked or replaced.

📖 *Recharge time will depend on the initial 'state of health' of discharged battery.*

📖 *If this vehicle will not start consult your Aston Martin Dealer.*

Vehicle Battery

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 have sufficient 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, 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 sulphuric acid. Avoid contact with skin, eyes or clothing. Shield your eyes when working near the battery to protect against possible splashing of acid solution. In case of acid contact with skin or eyes, flush immediately with water for a minimum of 15 minutes and get prompt medical attention. If acid is swallowed, get medical help immediately.

The engine must never be run with the vehicle battery disconnected.

Apart from vehicle recovery, this vehicle must not be driven if the vehicle battery is incapable of starting the engine. In this case the vehicle battery must be replaced. Contact your Aston Martin Dealer.

The vehicle battery is located behind the foot board of the passenger footwell. It is maintenance free and should only require checking by your Aston Martin Dealer during regular vehicle services.

Vehicle Battery Disposal

It is the responsibility of the vehicle owner when disposing of automotive batteries to do it in an environmentally correct manner.

The incorrect disposal of a vehicle (lead-acid) battery can be extremely hazardous to health and the environment. Most batteries contain heavy metals and when disposed of incorrectly, these heavy metals may leak into the ground. This can contribute to soil and water pollution and endanger wildlife.

Follow your local authorised standards for disposal. Call your local authorised recycling centre to find out more about recycling automotive batteries.

Do not dispose of your vehicle battery in the household waste.

Warnings

The following warnings are located on the vehicle battery.

Vehicle Battery Charge

Various systems, for example, the clock, security systems and Infotainment centre system continue to drain battery power even with the ignition OFF.

A **new fully charged** battery has the ability to start this vehicle, if left unused, for up to 45 days without a battery conditioner being used.

In cold climates this time may be reduced.

Aston Martin recommend that if this vehicle is to be left unused for ten (10) days or more a battery conditioner (mains power available) should be used.

Battery charge can be drained excessively in a number of ways:

- If the vehicle is unused for long periods of time
- If the vehicle is used regularly but only for short journeys, e.g. less than 48 km a journey
- If electrical systems are in use without the vehicle engine running
- If the vehicle key is left in the ignition control for long periods of time without the engine operating

Excessive battery drain would ultimately mean that the battery would not be able to start the engine.

Battery Conditioner

(Option)

Warning: Do not attempt to start the vehicle with a battery conditioner connected to the mains supply.

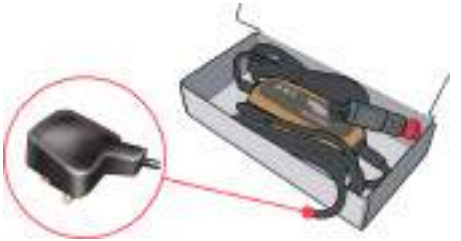
Warning: Do not smoke. Prevent flames and sparks. Explosive gasses are given off by batteries during charging.

A battery conditioner is designed for conditioning of partially or fully charged batteries. It will not effectively charge a discharged battery.

For indoor use only. Disconnect mains supply before making or breaking battery connections.

The battery conditioner supplied with the vehicle is suitable for use on all types of 12 volt lead acid batteries.

If this vehicle is not going to be used for a period of time, and **mains power is available**, use a battery conditioner to maintain the battery charge level.



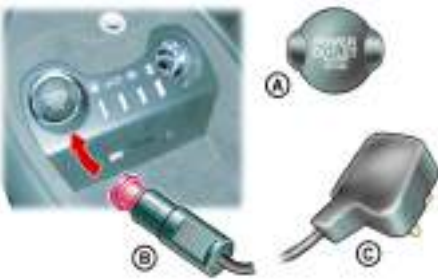
When connected the battery conditioner will maintain a small trickle charge to keep the battery in a fully charged state. The battery conditioner may be left in this state indefinitely.

To Connect a Battery Conditioner

1. Open a vehicle door window and put the battery conditioner cable through the gap. Insert the accessory socket plug (B) into the accessory socket (A (located in the cubby box)).

Do not place the battery conditioner cable in the vehicle door opening and close the door. If the vehicle door is closed with the battery conditioner cable placed in the vehicle door opening this can damage the vehicle door seals.

2. Insert the mains plug (C) into the mains supply.



To remove the battery conditioner first disconnect from the mains supply, then from the vehicle socket.

Battery Protection Mode

Replace the battery as soon as possible, if the battery is not capable of starting the engine.

Using the vehicle electrical systems, i.e. the infotainment system, with the vehicle key at position 'I' (ignition OFF) will drain the battery charge. Eventually the battery will drain to such a low level that it will not start the engine.

To avoid this happening, a series of safety mechanisms shut down nonessential electrical systems before excessive battery drain takes place.

FAQ

What is the first sign of battery protection mode?

Two messages will show:

- **WARNING - LOW BATTERY** (For 10 seconds) will show in the infotainment display (if raised).
- **LOW BATTERY** will show in the message centre left.

What should I do next?

Set all unnecessary electrical systems to OFF 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 show:

- **INFOTAINMENT WILL BE SHUT DOWN 2 MINUTES** (For 10 seconds) will show in the infotainment display (if raised).
- **LOW BATTERY POWER SAVE** will show in the message centre left.

If the audio system is ON the sound will mute for 10 seconds and a short 'Beep' will be heard when the message is first shown.

What should I do if these messages are shown?

Set all unnecessary electrical systems to OFF. 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 approximately 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 charger[1] will be required or your vehicle will require a 'jump start' (Refer to 'Jump Start From Another Vehicle', page 8.24).

1. A battery conditioner is designed for conditioning of partially or fully charged batteries. It will not effectively charge a discharged battery.

Fuse Boxes

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.

Fuse Box Location

[1] **-** Engine bay fuse box (accessed through a panel in the passenger side road wheel arch.).
[2] **-** Boot fuse box.

Fuses

Engine Bay Fuses

Fuse	Rating	Function
F1	10A	ECU B keep alive power
F2	10A	Throttle ECU bank B
F3	10	Electric steering column lock / Vehicle key reader / ABS module / Fuel leak detection pump / Steering angle sensor
F4	20A	ECU A
F5	20A	ECU B
F6	15A	Heated oxygen and catalyst sensors (front and rear, bank B)
F7	15A	Ignition coils 7 to 12 (bank B), MAF sensor (bank B) / Coolant level sensor
F8	10A	Variable inlet cam sensor and actuator (bank B) / Brake vacuum pump relay
F9	20A	Injectors 7 to 12 (bank B)
F10	10A	Air conditioner compressor clutch
F11	15A	Horns
F12	10A	ECU A keep alive power
F13	20A	Injectors 1 to 6 (bank A)
F14	10A	Variable inlet cam sensor and actuator (bank A)
F15	25A	Starter motor solenoid
F16	15A	Ignition coils 1 to 6 (bank A) / MAF sensor (bank A) / Oil level sensor

Engine Bay Fuses

Fuse	Rating	Function
F17	5A	Side cooling fan control
F18	15A	Heated oxygen and catalyst sensors (front and rear, bank A)
F19	40A	Ride height actuator, front left
F20	40A	Ride height actuator, front right
F21	10A	Throttle ECU bank A
F22	5A	Daylight running lamp, right
F23		Not available
F24	5A	Not available
F25	5A	Daylight running lamp, left
F26	20A	Headlamp wash pump
F27	40A	ABS Module
F28	5A	Not available
F29	20A	ABS Module
F30	5A	ABS Module
F31	10A	Throttle ECU bank B
F32	30A	Side cooling fans
F33	30A	Not available
F34	15A	Electric steering column lock
F35	80A	Central cooling fans

Boot Fuses

Fuse	Rating	Function
F1	5A	Ride height ECU
F2	20A	Not available
F3	30A	Not available
F4	10A	Ride height ECU
F5	30A	Audio amplifier (ICE)
F6	20A	Not available
F7	5A	Not available
F8	30A	FPDM B
F9	30A	FPDM A
F10	30A	SportShift transmission hydraulic pump relay
F11	10A	Sounder module

Boot Fuses

Fuse	Rating	Function
F12	20A	SportShift transmission
F13	10A	SportShift transmission
F14	5A	Rear camera
F15	5A	Electric park brake module
F16	30A	Electric park brake module (RH motor)
F17	5A	Not available
F18	30A	Audio amplifier (DSP)
F19		Not available
F20	5A	Tyre pressure ECU
F21	30A	Electric park brake module (LH motor)
F22	10A	Vacuum pump / Exhaust bypass valve / Vapour management valve

Headlamp

Continental Driving (UK Only): UK owners wishing to take this vehicle to the continent should contact their Aston Martin Dealer for headlamp and dipped beam alignment checks and adjustments.

Headlamp Units: Condensation: The headlamp units will generate condensation under certain conditions. However, this should clear after approximately 10 minutes.

Warning: High Intensity Discharge (HID) bulbs produce a very high voltage. They should only be serviced by an Aston Martin Dealership.

High Intensity Discharge (HID) bulbs are used for the combined main and dipped beam.

HID systems produce a brilliant white light by establishing a high voltage electrical arc between two electrodes within a sealed glass tube. Once the arc is established, the voltage lowers to normal operating conditions.

HID bulbs are not renewable. Contact to your Aston Martin Dealer if a HID bulb fails to operate.

Other External Lamps

LEDs can last tens of thousands of hours and are resistant to heat, cold, shock and vibration.

All external lamps are LEDs and are not repairable. If an LED fails contact your Aston Martin Dealer.

- High Level Stop Lamp
- Front Indicator and Parking Lamps
- Side Indicators
- Registration Plate Lamps
- Rear Lamp Clusters
- Fog (A) and Reversing (B) Lamps

Boot Lamps

The boot illumination comprises of four LEDs, two each side of the boot area and are not repairable.

If a boot LED fails contact your Aston Martin Dealer.

LEDs can last tens of thousands of hours and are resistant to heat, cold, shock and vibration.

Internal Lamps

All internal lamps are LEDs which are not repairable. If an LED lamp fails to operate, contact your Aston Martin Dealer.

LEDs can last tens of thousands of hours and are resistant to heat, cold, shock and vibration.

Door Window Reset

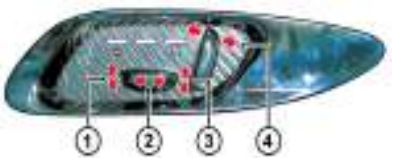
If power to the electric windows has been interrupted for any reason, they will fail to operate correctly until reset.

1. Sit in the driver's seat with all doors closed, insert the vehicle key into the ignition control and move to position 'II' (ignition ON).
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 other door windows.

Front Seat Reset

Should a front seat fail to move or the seat memory position fails to work this may show a loss of seat position in the vehicle's memory. If so, complete the seat reset procedure detailed below:

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



1. Press the seat forward button (2) until the seat is fully forward.
2. Press the seat back button (4) until the seat back is fully backwards.
3. Press the seat down button (1) until the front of the seat is fully down.
4. Press the seat down button (3) until the rear of the seat is fully down.

The seat movement and position memory should now work correctly, if not contact your Aston Martin Dealer.

Bodywork Maintenance

Door drain holes

Check the drain holes in the bottom face of each door periodically and clear if necessary with, for example, 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 show 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
- Antifreeze
- Tree Sap
- Oils and Greases
- Insect Remains

Wash such substances from the vehicle using clean warm water with vehicle shampoo, at the earliest opportunity, especially in sunny weather which can accelerate contamination.

Washing

Warning: Washing and polishing agents containing silicone should not be applied to glass. This will reduce the efficiency of the windscreen wipers, causing smears which will reduce visibility, particularly during darkness and in the rain.

Commercially operated automatic vehicle washes, jet washes and power operated mops are not recommended. The detergents used can contain certain chemicals which may, over time, be detrimental to some exterior parts of the vehicle. Prolonged usage of automatic vehicle washes and power operated mops will also cause fine scratches in the paint surface.

Aston Martin recommends the use of AUTOGLYM vehicle care products or preparations of similar reputable manufacture for adding to the washing water. Make sure that the manufacture's instructions are followed.

During the winter months, it is advisable to wash the vehicle more frequently, paying particular attention to the underside to combat the detrimental effects of any salt and sand contamination picked up from treated roads.

To delay the onset of corrosion developing on the brake components Aston Martin recommend that after washing this vehicle, the vehicle should be driven a short distance to make sure that all the water and washing product has dried off.

For best results:

Do not wash the vehicle in strong sunlight. Let the vehicle cool before washing.

Do not use household soaps or detergents.

Do not direct water hoses at full force around the door and boot lid seals.

Do not use a brush on the car body as this will leave little scratches.

Suggested washing method:

1. Fill two buckets with water. To one bucket add a mild neutral detergent, as directed by the detergent manufacturer.
2. Hose the vehicle to remove all dust and mud residue. Don't use a strong jet, as this can rub grit over the paint and scratch it.
3. Soak a large wash mitt or a soft sponge in the soapy water, make sure to wash out any dirt in it, and begin applying it to the vehicle. Wash the vehicle section by section, starting at the top. Circle around the car several times, washing lower areas with each round.
4. Rinse the dirt out of the wash mitt or soft sponge in the bucket with plain water frequently.
5. After one section is washed, rinse it with the hose before moving on, don't let the soap dry on the paint and stain it. Always keep the vehicle wet, this will prevent droplets from drying on the paint and leaving water-spots.
6. Dry the car with a chamois leather before it air-dries.

Front Grill

Wash and clean the vehicle's front grill in the same way as the paint work, but make sure that the front grill is dried off completely leaving no water droplets on the grill (wipe the front grill last using a chamois leather): Chrome polish or other abrasive cleaners must not be used.

Road Wheels

To avoid possible damage to the alloy road wheels, wheel nuts & wheel centre trims, from a build up of brake dust wash and clean the alloy road wheels frequently, using a mild soapy water solution only. Do not use chemical alloy road wheel cleaners, as they can often have a high acid or alkaline content and could cause discolouration. Always clean one wheel at a time and do not allow the cleaning solution to dry on the wheel. Fully flush off with clean water.

Headlamp Lenses

Only use a mild soapy water solution when washing the Headlamp Lenses. Do not use cleaning materials which contain solvents.

Cleaning materials which contain solvents, i.e. tar remover, petrol, waxes or polishes, may damage the headlamp lens.

Polishing

Approximately twice a year, a good quality polish should be applied to the body work and then buffed, using a soft lint free cloth.

The alloy wheel rims should be treated with a cleaner which is specifically manufactured for this purpose.

Upholstery, Trim, Carpets and Seats

Warning: Fumes from cleaning solvents may be dangerous in confined spaces. Make sure that the vehicle is well ventilated and follow the manufacturer's printed instructions when using these products.

Certain types of clothing, such as denim and vegetable tanned leather, are prone to 'dye transfer'. This can cause discolouration in the leather. Make sure that the affected areas are cleaned and re-protected as soon as possible.

The seats and soft trimmed components of this vehicle are covered in natural leather hide. In general, this natural leather upholstery requires little attention. The seats should be brushed with a soft brush from time to time and may be cleaned occasionally with a cloth damped in soap and water.

Do not use detergents, quick cleansers or furniture polishes. These products may give an initially impressive result, but their use will lead to rapid deterioration of the leather and will invalidate the warranty.

Several times a year, a leather conditioner or preservative should be used. Appropriate care materials are obtainable from your Aston Martin Dealer.

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.

The brushed and anodised aluminium trim should be cleaned using a dry clean lint free cloth.

Consult your Aston Martin Dealer for instructions on the removal of more difficult stains such as oil, grease or ballpoint ink.

Carpets should be cleaned regularly with a vacuum cleaner. Any stains or grease marks should be removed with a good quality solvent suitable for use on carpets.

Care and Maintenance of Seat Belts

Do not allow seat belts to be retracted until they are completely dry.

To make sure that the restraint webbings are in correct working order, regularly check the seat belts. Look for fraying, cuts, burns and similar problems. Make sure that the latches and buckles operate correctly. If a seat belt is not in good condition or is not working correctly, consult your Aston Martin Dealer.

Any seat belt that has been worn during a serious collision should be replaced by an Aston Martin Dealer.

To clean the seat belts, use mild soap and water; do not use bleach, solvents or dyes as they can weaken the material. Allow the seat belts to dry thoroughly before use.

Under Bonnet Cleaning

Under bonnet 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 vehicles 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 the vehicle for a sufficient distance to warm the oil in the engine and the transaxle; make sure that the internal components of the engine are lubricated.
2. Check the engine coolant level. Top up if necessary with the correct antifreeze and water solution.
3. In order to take the weight off the tyres, raise the vehicle with a jack and place supports under the front and rear suspension. If the vehicle is not raised from the ground, increase the tyre pressures to 3.4 bar. Cover the tyres to exclude any light. Turn the wheels ¼ turn every month to avoid tyre flat spots.
4. If mains power is available, use a battery conditioner to maintain the battery in a fully charged state.
5. Once a month:
   - 5.1 Disconnect the battery conditioner (if installed).
   - 5.2 Start and operate the engine until it is fully warmed up.
   - 5.3 Check there are no fluid leaks.
   - 5.4 Set the ignition to OFF.
   - 5.5 Connect a battery conditioner.
   - 5.6 Check and correct tyre pressures if necessary. When returning the vehicle to normal service, set the tyre 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. Operate the engine until there is as small a quantity of fuel in the tank as is practical for storage purposes.

2. Add engine oil to the remaining fuel in the tank to make a concentration of 2% (i.e. 20 ml per one ltr of fuel), then operate engine for not less than ten minutes to circulate the mixture thoroughly through all of the fuel system.
3. Inspect rubber connections of coolant system and have them renewed if necessary.
4. Wash the vehicle bodywork thoroughly and repair any paint blisters or patches of corrosion in order to prevent any further deterioration. Apply a suitable polish.
5. Clean the carpets and upholstery thoroughly. Treat all leather upholstery with an application of a leather conditioner or preservative.
6. If the storage building is dry leave vehicle windows slightly open. If there is any tendency towards dampness close vehicle doors and windows and place an anti-moisture compound such as silica desiccant bags in an open metal container inside vehicle.
7. Cover vehicle with a cotton or fabric cover.

Recommissioning after Storage

Provided that the vehicle has been stored in accordance with the recommended procedure, only the following points should need attention before using your vehicle on the road.

Starting the engine without sufficient lubrication can cause serious engine damage. Make sure that the engine oil pressure is established before the engine starts.

1. Check the tyre pressures, inflate if necessary, lower the vehicle to ground.
2. Drain the engine oil and install a new engine oil filter element. Fill the engine to its maximum level (as shown on the dip stick) with approved oil.
3. Drain the final drive unit. Fill the final drive unit to its maximum level (oil will dribble out of the fill hole), with approved oil.
4. Check the coolant level and, if necessary, top up with the correct antifreeze to water solution.
5. Check all fluid levels and top up as necessary.
6. Fill the fuel tank.

7. Obtain engine oil pressure:
   7.1 Press and hold the accelerator pedal hard to the floor (this temporarily stops fuel injection during cranking).
   7.2 Fully press the brake pedal down. Insert the vehicle key into the ignition control and move through to engine start. Let the engine to crank until the oil pressure symbol  (in the instrument cluster) goes OFF (showing oil pressure in the engine).
   7.3 Set the ignition to OFF. Release the vehicle key and accelerator pedal.
8. Start the engine normally and check that the oil pressure and ignition warning symbols go OFF as the engine starts (correct oil pressure and battery charging).
9. Raise the bonnet and check for leaks of fuel, oil and coolant.
10. Carefully test drive your 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.

Specifications

Engine

All alloy, quad overhead cam 48 valve V12

Fuel - Recommended 98 RON Super Unleaded for optimum performance. 95 RON minimum.

Fuel Delivery System - Multi point sequential fuel injection.

Capacity - 7312 cc

Firing Order - 1 - 7 - 5 - 11 - 3 - 9 - 6 - 12 - 2 - 8 - 4 - 10

Idle Speed - 1000 rpm

Bore - 94.0 mm

Stroke - 87.8 mm

Spark Plugs - NGK: LKR8AP

Spark Plug Gap - 0.9 mm

Compression Ratio - 10.8:1

Ignition - 'Coil on Plug' ignition system

Emission Control - Four three-way catalytic converters (two per engine bank) with eight catalyst oxygen sensors (one before and one after each converter). Evaporative loss purge

Lubrication - Dry sump pressurised lubrication. Oil reservoir

Performance

Maximum Power - 559.3 kw @ 7700 rpm

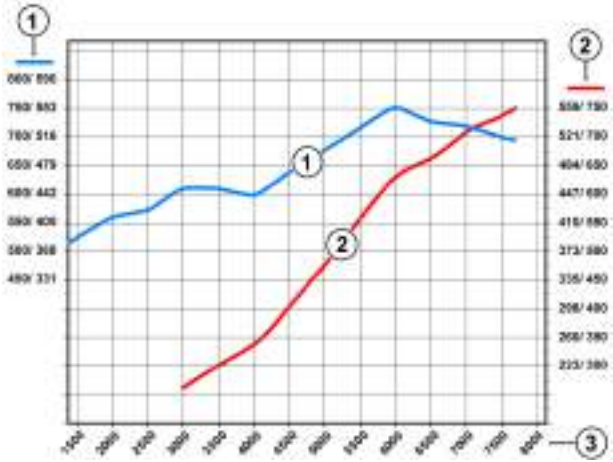
Maximum Torque - 750.0 Nm @ 6000 rpm

Maximum Speed - 354 km/h_1

Maximum Engine Speed - 7700.0 rpm

1. Where permitted.

Power and Torque



[1] **-** Torque (Nm / lb/ft)
[2] **-** Power (kw / bhp)
[3] **-** Engine speed (rpm)

Transmission

SportShift Transaxle

Graziano six speed transaxle with integrated, electronically-controlled hydraulic shifting system.

Gear Ratios	
1st	3.15:1
2nd	1.95:1
3rd	1.43:1
4th	1.15:1
5th	0.94:1
6th	0.76:1
Reverse	2.38:1

Final Drive

Ratio: 3.538:1

Clutch

Valeo twin plate low inertia / 215 mm

Electrics

Alternator - Denso SC5 200 Amps

Voltage Regulation - 14.4V ±0.5V @ 20°C

Battery - Banner 80 AH AGM

Steering

Rack and pinion, power assisted steering. Column tilt and reach adjustments.

Turns lock to lock - 3.0

Turning Circle - 12.7 m (Kerb to Kerb)

Toe_1 -

Front Toe Out (Total)	Rear Toe Out (Total)
-0° 02' to -0° 04'	0° 9' to 0° 11'

1. With the vehicle at its Design Weight. Refer to your Aston Martin Dealer.

Suspension

Front - Independent double wishbones, pushrod actuated via rocker assembly inboard mounted steel coil springs over aluminium monotube dampers, tubular steel anti roll bar with drop links.

Rear - Independent double wishbones, pushrod actuated via rocker assembly inboard mounted steel coil springs over aluminium monotube dampers, tubular steel anti roll bar with drop links.

Features

- Dynamic Stability Control (DSC)
- Adaptive damping system (ADS)
- Automatic ride height adjustment

Brakes

Footbrake

Ventilated Carbon Ceramic Discs

	Front	Rear
Diameter	398 mm	360 mm
Callipers	Six piston	Four piston

Park Brake

Electrically operated independent park brake callipers on each rear brake disc.

Brake System Features

- Anti Lock Braking System (ABS)
- Hydraulic Brake Assist (HBA)
- Electronic Brake force Distribution (EBD)
- Traction Control (TCS)
- Positive Torque Control (PTC)

Wheels

Aston Martin Lightweight Forged Aluminium Alloy

Front	Rear
9j x 20″	12.5J x 20″

Winter Wheels

Front	Rear
8.5j x 20″	11J x 20″

Wheel Nut Torque

Tighten every second nut until all five nuts are tightened. Tighten all wheel nuts in two stages.

1. To 80 Nm in one continuous movement.
2. To 180 Nm in one continuous movement.

Tyres

Summer Tyres

Warning: Pirelli Corsa tyres are biased towards dry road handling conditions. There is an increased risk of aquaplaning when driving on wet road surfaces and tyre grip performance is reduced when the outside temperature is below 7°C.

The original equipment tyres installed to this vehicle are an approved specification, designated by: 'AMP' on the sidewall.

Aston Martin and Pirelli recommend that Pirelli Corsa tyres are not used when using this vehicle in sustained low temperatures.

	Front	Rear
Pirelli Corsa	255/35 ZR20 (97Y)	335/30 ZR20 (104Y)

Winter Tyres

	Front	Rear
Bridgestone[1]	245/40 ZR 20 (95W)	295/35 ZR 20 (105W)

1. Only installed to the winter wheels.

Tyre Air Pressures

Cold Inflation[1]

Front	Rear
2.5 bar	2.5 bar

1. All Tyres.

Bulbs

	Rating	Type
Headlamp dipped and main beam	35W	D3S HID
Front Indicator lamps		LED
Parking lamp		LED
Door lamps		LED
Side Repeater		LED
Footwell lamps		LED
Rear environment lamps / Boot lamps / Reading lamps		LED
High Mounted Stop Lamp		LED
Registration plate lamps		LED

The rear lamp cluster is a sealed unit. If any rear cluster lamp fails to operate contact your Aston Martin Dealer.

Vehicle Specification

Body

- Two door coupe

Aluminium bonded body structure with aluminium and carbon fibre body 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.

Vehicle Weights

Kerb Weight - 1740 kg

Gross Vehicle Weight (GVW) - 2000 kg

Rear Storage Maximum Load - 20 kg per storage area[1]

1. Evenly distributed

Vehicle Dimensions

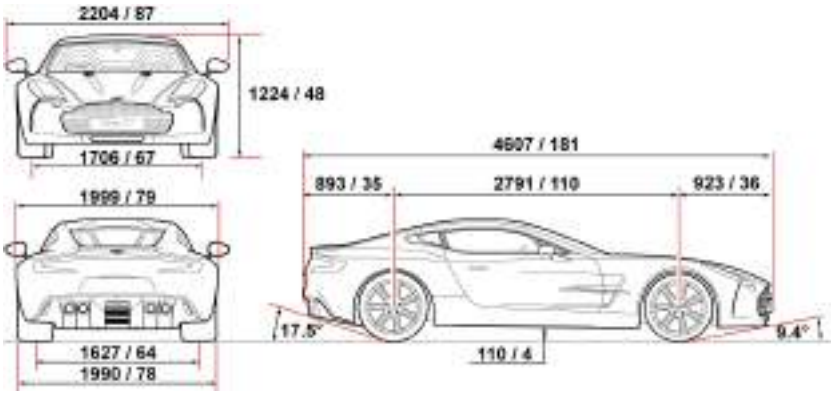
Interior

Effective Headroom	933 mm
Effective Legroom	1086 mm

Exterior

(mm / inch)

Ride height is measured at GVW.



Vehicle Features

Interior

- Handcrafted leather and fabric trim
- Carbon fibre door trims and door pulls
- Climate control
- Security system interacting with the central locking system and PATS immobiliser system
- Driver and passenger dual stage front airbags
- Position memory front seats (including door rear view mirrors)
- Organic electroluminescent (OEL) displays
- Infotainment centre
  - Bang & Olufsen audio system with and 1000W power output
  - Hands-free phone system
  - Satellite navigation system

Exterior

- Door mirrors
  - Heated, electrically adjusted
  - Position memory system
  - Power fold system
  - Auto fold system
- Electrically operated door windows
- Parking assist cameras

Fluids and Capacities

Recommended Fluids

To achieve the required high performance of synthetic lubricants, do not mix with mineral oils.

Engine Oil - Mobil 1 Recommended (0W-40). However, if this oil is not available, a fully synthetic 0W-40 oil meeting the specifications detailed below can be used. No other viscosity grades or specifications are acceptable.

Authority	Standard
API	SL / SJ / EC / CF
ACEA	A3 / B3 / B4
ILSAC	GF3

Do not mix OAT antifreeze with glycol based antifreeze.

Engine Coolant - 50% water, 50% Havoline OAT

Manual Gearbox Oil and Final Drive - Castrol BOT270A[1]

Brake and Clutch Fluid - Castrol Response Super Dot 4

Power Steering Fluid - Pentosin CHF 11S

Air Conditioner Refrigerant - HFC134A

Capacities

Engine Sump (including filter) - 16 ltr

Engine Cooling System - 15 ltr

Screen Washer Reservoir - 7.0 ltr

Fuel Tank - 88.0 ltr[2]

1. Only available from Aston Martin Dealers.

2. Approximately 86.5 ltr usable.

ASTON MARTIN

Service

Pre-delivery Inspection

This free series of checks is carried out on the vehicle by the Selling Dealer before delivery. The checks make sure that you receive a vehicle which matches the high quality standards set by Aston Martin Limited.

Make sure that the entry is stamped and signed as completed. The following checks will be made:

Levels and Leaks

- Engine oil
- Power steering oil
- Brake fluid
- Engine coolant level
- Engine coolant specific gravity
- Windscreen washer fluid
- Fuel system
- Transaxle leak check
- Lift glass
- Battery

Mechanical Functions

- Throttle pedal operation
- Park brake operation
- Steering column adjustment and lock operation
- Seat adjuster rails
- Bonnet release and catch
- Door operation and locks
- Storage compartments
- Rear view mirror
- Lift glass release and catch
- Seat belt operation

Electrical Checks

- Battery condition
- Windscreen and headlamp washers
- Windscreen wipers
- Climate control
- Infotainment centre operation
- All speakers
- Reversing, registration plate and brake lamps
- Side and headlamps
- Rear fog lamps
- Hazard warning lamps
- Instrument illumination and dimmer
- Gauges and warning symbols
- Centre stack controls
- Horns
- Reset clock
- Blower motor
- Seat belt warning system
- Security system and vehicle key
- Interior lamps
- All seat functions
- Door window mechanisms

- Door lamps
- Central locking system
- Filler flap lock operation
- Door mirror adjustments
- Interrogate fault codes
- Record battery open-circuit voltage
- Tyre pressure sensing
- Centre console controls

Wheels and Tyres

- Install locking road wheel nuts[1]
- Check road wheel nuts torque
- Tyre pressures
- Tyre orientation

Road Test

- Engine
- Transaxle
- Steering
- Brakes
- Wheel balance
- Dampers
- Exhaust by-pass system
- Gear shift operation
- Noise, vibration or harshness
- Climate control performance
- Instruments operation
- Seat belt and buckle operation
- Steering wheel alignment
- Dynamic stability control, traction control and anti-lock braking system operation

Final Checks

- Drive belt tensioner operation
- Fuel and brake pipe security
- Fuel and fluid leaks
- Security of cooling hoses
- Exhaust catalyst security

1. Option.

Hand-over Preparation

- Check function of locks and vehicle keys
- Clean bodywork and road wheel arch liners.
- Clean off all transit labels
- Valet vehicle
- De-grease windscreen
- Remove interior protection
- Check Owner's Guidebook
- Check tools
- Install Registration plates
- Tyre sealant kit
- Towing eye
- Battery conditioner[1]
- Field Service Actions and Recall status

Free Pre-delivery Inspection

*4.75 Hours

Service Actions checked:

Open Service Actions completed:

Signature:

Date:

(Dealer Stamp)

* Scheduled operation time.

Servicing

Service Periods

Apart from the initial 800 km / six month free service, vehicle servicing is every 8,000 km or 12 month, which ever occurs first.

Service Tables

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.

1. Option.

	800 km / Six Month	8,000 km / 12 Month	16,000 km / 24 month	24,000 km / Three Year	32,000 km / Four Year	40,000 km / Five Year	48,000 km / Six Year	56,000 km / Seven Year	64,000 km / Eight Year	72,000 km / Nine Year	80,000 km / Ten Year
Complete preparation Schedule	X	X	X	X	X	X	X	X	X	X	X
Check fluids	X	X	X	X	X	X	X	X	X	X	X
Renew oil filter	X	X	X	X	X	X	X	X	X	X	X
Change engine oil	X	X	X	X	X	X	X	X	X	X	X
Check the transaxle oil level			X				X				X
Change the transaxle oil filter					X				X		
Change the left and right air filters			X		X		X		X		X
Check door locks and hinges	X	X	X	X	X	X	X	X	X	X	X
Check brakes	X	X	X	X	X	X	X	X	X	X	X
Change the brake fluid		X	X	X	X	X	X	X	X	X	X
Check the driveline			X		X		X		X		X
Check the front end accessory drive belt	X	X	X	X	X	X	X	X	X	X	X
Check the wiper blades	X	X		X		X		X		X	
Change the wiper blades			X		X		X		X		X

	800 km / Six Month	8,000 km / 12 Month	16,000 km / 24 month	24,000 km / Three Year	32,000 km / Four Year	40,000 km / Five Year	48,000 km / Six Year	56,000 km / Seven Year	64,000 km / Eight Year	72,000 km / Nine Year	80,000 km / Ten Year
Inspect the cooling system	X	X	X	X	X	X	X	X	X	X	X
Change the coolant fluid						X					X
Check the interior	X	X	X	X	X	X	X	X	X	X	X
Check the suspension	X	X	X	X	X	X	X	X	X	X	X
Check the electrical system	X	X	X	X	X	X	X	X	X	X	X
Change the pollen filter			X		X		X		X		X
Check the wheels and tyres	X	X	X	X	X	X	X	X	X	X	X
Check for corrosion		X	X	X	X	X	X	X	X	X	X
Check the underbody protection			X		X		X		X		X
Change the spark plugs											X
Change the vehicle key battery			X		X		X		X		X
Compete vehicle check with AMDS	X	X	X	X	X	X	X	X	X	X	X
Final Checks	X	X	X	X	X	X	X	X	X	X	X

Service Record

The following service records cover the initial 800 km / six month service and regular services at 8,000 km or 12 month, which ever occurs first, intervals. Make sure that at each service the appropriate entry is stamped and signed as completed.

Vehicle Identification Number (VIN): -

_____

Date of Delivery: -

_____

800 km or Six month (Free)

*4.80 Hours

Service Actions checked:

Open Service Actions completed:

Signature and Stamp:

Date:

Odometer:

8,000 km or 12 month

*5.45 Hours

Service Actions checked:

Open Service Actions completed:

Signature and Stamp:

Date:

Odometer:

* Scheduled operation time.

16,000 km or 24 month

*10.65 Hours

Service Actions checked:

Open Service Actions completed:

Signature and Stamp:

Date:

Odometer:

32,000 km or 4th year

*11.50 Hours

Service Actions checked:

Open Service Actions completed:

Signature and Stamp:

Date:

Odometer:

24,000 km or 3rd year

*5.40 Hours

Service Actions checked:

Open Service Actions completed:

Signature and Stamp:

Date:

Odometer:

40,000 km or 5th year

*5.85 Hours

Service Actions checked:

Open Service Actions completed:

Signature and Stamp:

Date:

Odometer:

48,000 km or 6th year

*10.65 Hours

Service Actions checked:

Open Service Actions completed:

Signature and Stamp:

Date:

Odometer:

64,000 km or 8th year

*11.50 Hours

Service Actions checked:

Open Service Actions completed:

Signature and Stamp:

Date:

Odometer:

56,000 km or 7th year

*5.45 Hours

Service Actions checked:

Open Service Actions completed:

Signature and Stamp:

Date:

Odometer:

72,000 km or 9th year

*5.45 Hours

Service Actions checked:

Open Service Actions completed:

Signature and Stamp:

Date:

Odometer:

80,000 km or 10th year

*18.65 Hours

Service Actions checked:

Open Service Actions completed:

Signature and Stamp:

Date:

Odometer:

Brake Disc Check

At each brake pad change (per axle), the ceramic brake discs are required to be cleaned, dried and weighed. Record the date of each brake pad change and disc weight.

Brake Pads Changed - Brake Discs checked

Front axle / Rear axle / All axles (delete as required)

Disc weight (front axle): kg kg

Disc weight (rear axle): kg kg

Odometer:

Signature: Date:

(Dealer Stamp)

Brake Pads Changed - Brake Discs checked

Front axle / Rear axle / All axles (delete as required)

Disc weight (front axle):	kg	kg
Disc weight (rear axle):	kg	kg
Odometer:		
Signature:	Date:	

(Dealer Stamp)

Brake Pads Changed - Brake Discs checked

Front axle / Rear axle / All axles (delete as required)

Disc weight (front axle):	kg	kg
Disc weight (rear axle):	kg	kg
Odometer:		
Signature:	Date:	

(Dealer Stamp)

Brake Pads Changed - Brake Discs checked

Front axle / Rear axle / All axles (delete as required)

Disc weight (front axle):	kg	kg
Disc weight (rear axle):	kg	kg
Odometer:		
Signature:	Date:	

(Dealer Stamp)

Brake Pads Changed - Brake Discs checked

Front axle / Rear axle / All axles (delete as required)

Disc weight (front axle):	kg	kg
Disc weight (rear axle):	kg	kg
Odometer:		
Signature:	Date:	

(Dealer Stamp)

Brake Pads Changed - Brake Discs checked

Front axle / Rear axle / All axles (delete as required)

Disc weight (front axle):	kg	kg
Disc weight (rear axle):	kg	kg
Odometer:		
Signature:	Date:	

(Dealer Stamp)

Brake Pads Changed - Brake Discs checked

Front axle / Rear axle / All axles (delete as required)

Disc weight (front axle):	kg	kg
Disc weight (rear axle):	kg	kg
Odometer:		
Signature:	Date:	

(Dealer Stamp)

Brake Pads Changed - Brake Discs checked

Front axle / Rear axle / All axles (delete as required)

Disc weight (front axle):	kg	kg
Disc weight (rear axle):	kg	kg
Odometer:		
Signature:	Date:	

(Dealer Stamp)

Brake Pads Changed - Brake Discs checked

Front axle / Rear axle / All axles (delete as required)

Disc weight (front axle):	kg	kg
Disc weight (rear axle):	kg	kg
Odometer:		
Signature:	Date:	

(Dealer Stamp)

Anti Corrosion Inspection

Anti Corrosion Inspection 1st Year

Signature:

Date:

Odometer:

(Dealer Stamp)

Anti Corrosion Inspection 3rd Year

Signature:

Date:

Odometer:

(Dealer Stamp)

Anti Corrosion Inspection 2nd Year

Signature:

Date:

Odometer:

(Dealer Stamp)

Anti Corrosion Inspection 4th Year

Signature:

Date:

Odometer:

(Dealer Stamp)

Anti Corrosion Inspection 5th Year

Signature:

Date:

Odometer:

(Dealer Stamp)

Anti Corrosion Inspection 7th Year

Signature:

Date:

Odometer:

(Dealer Stamp)

Anti Corrosion Inspection 6th Year

Signature:

Date:

Odometer:

(Dealer Stamp)

Anti Corrosion Inspection 8th Year

Signature:

Date:

Odometer:

(Dealer Stamp)

Anti Corrosion Inspection 9th Year

Signature:

Date:

Odometer:

(Dealer Stamp)

Anti Corrosion Inspection 10th Year

Signature:

Date:

Odometer:

(Dealer Stamp)

Replacement of Airbag Units

Every 10 years from the date of vehicle registration, all airbag units must be replaced. To make sure this is completed correctly and safely, this work should be carried out by your Aston Martin Dealership.

Airbag Replacement 10th Year

Signature:

Date:

Odometer:

(Dealer Stamp)

Replacement of Seat Belt Pre-tensioners

Every 10 years from the date of vehicle registration, all seat belt pre-tensioners must be replaced. To make sure this is completed correctly and safely, this work should be carried out by your Aston Martin Dealership.

Seat Belt Pre-Tensioners Replacement 10th Year

Signature:

Date:

Odometer:

(Dealer Stamp)

Field Service Actions

Action No.	Date	Dealer

Action No.	Date	Dealer

Action No.	Date	Dealer

Service Action Recalls

Recall No.	Date	Dealer

Action No.	Date	Dealer

Aston Martin Assistance

Emergency Service

As the owner of an Aston Martin vehicle you should enjoy a high standard of trouble free motoring. However, should the unexpected occur, our worldwide Dealer network is there to help you. Details and contact telephone numbers are shown in the Dealer Directory. In the UK and specific countries within Europe, a special additional emergency service, known as '**Aston Martin Emergency Assistance**', has been designed to provide you and your passengers with the help you need quickly and efficiently should your vehicle suffer a Breakdown Incident [1].

Vehicles Covered

The benefits of Aston Martin Emergency Assistance are applicable to new and / or used Aston Martin vehicles purchased from an authorised Aston Martin Dealer in one of the following countries; Austria, Belgium, Croatia, Czech Republic, Denmark, France, Germany, Italy, Netherlands, Norway, Portugal, Russia, Spain, Sweden, Switzerland and the UK.

At completion of your purchase, your Aston Martin Dealer will register your vehicle for Aston Martin Emergency Assistance. From registration, your vehicle will be entitled to Aston Martin Emergency Assistance (the '**Vehicle**'). For more details of what constitutes an eligible Vehicle, please refer to the Schedule.

An eligible Vehicle is entitled to receive Aston Martin Emergency Assistance for a period of 36 months from the date of registration with the service provider. Owners of eligible Vehicles can also obtain Aston Martin Emergency Assistance when travelling temporarily outside their Country [2], within Europe.

1. A **Breakdown Incident** means an event where an eligible Vehicle is immobilised due to a breakdown in circumstances where it qualifies for Aston Martin Emergency Assistance, including home-starts, fire, broken glass, accident, theft or vandalism. Furthermore, Aston Martin Emergency Assistance covers you in the event of safety-related defects, which render the Vehicle illegal to drive. These defects relate to, for example, failure of the seat belts, windscreen wipers, direction indicators, front and rear lamps.

2. '**Country**' means the country in which your Vehicle is registered.

Europe is defined as:

Andorra, Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Crete, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Gibraltar, Greece, Hungary, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Monaco, Netherlands, Norway, Poland, Portugal (not Madeira), Republic of Ireland, Romania, Russia, San Marino, Slovakia, Slovenia, Spain (including the Balearic Islands and Canary Islands), Sweden, Switzerland, Turkey (European Part), Ukraine, and Vatican City.

United Kingdom (UK) is defined as:

England, Scotland, Wales, Northern Ireland, Channel Islands and Isle of Man.

Benefits

The service provider, appointed by Aston Martin to provide the Aston Martin Emergency Assistance services (the 'Service Provider') will provide the following benefits dependent on requirements to entitled Vehicles in both the home Country and Europe as defined.

Roadside Assistance

The Service Provider's Patrol vehicle should promptly arrive with you after your call has been placed. You may also book an appointment for a convenient time.

Aston Martin Emergency Assistance shall provide you with updates on its estimated time of arrival via your preferred communication method.

If following a Breakdown Incident in an area of coverage, your journey cannot be completed, and where the Vehicle cannot be repaired at the roadside, Aston Martin Emergency Assistance shall organise recovery of the Vehicle, including any luggage contained in the Vehicle at the time. Your Vehicle and luggage shall be transported to the nearest Aston Martin Dealer, without distance or financial limitation.

If the Vehicle cannot be repaired at the roadside or at your home address within a reasonable time period (45 minutes), the Service Provider will take you, the Vehicle and your passengers to the nearest Aston Martin Dealer. In the event that you (or your passengers) need to keep an important appointment, you will be taken there before the disabled Vehicle is transported to its required destination.

Should the Breakdown Incident occur outside of workshop hours, Aston Martin Emergency Assistance shall arrange for secure storage of the Vehicle until the next working day. The Vehicle shall arrive at the Dealer on the next working day, within two hours of the Dealership opening.

If the nearest Dealer, to where the eligible Vehicle has been towed, is able to carry out the repairs at its premises, then the Vehicle will be repaired there.

Once the Vehicle is at a Dealership for repair, Aston Martin Emergency Assistance will keep in contact with the Dealer to follow the progress of the repair, and if necessary, arrange any extension of a replacement vehicle with Aston Martin Customer Service.

Home Start

Aston Martin Emergency Assistance will provide all the benefits of Roadside Assistance at the Vehicle's registered address.

Recovery

If Aston Martin Emergency Assistance cannot repair your Vehicle at the roadside, the Service Provider will arrange recovery of you and your Vehicle to the nearest Aston Martin Dealer.

If your Vehicle has been involved in an accident and has gone off the road and needs to be salvaged before towing, Aston Martin Emergency Assistance will charge you for services on a 'Pay for Use' basis and you may be able to claim these back from your insurance company.

You will be covered for costs of recovery and towing (including any handling fee) but you may be charged for any costs incurred if the Vehicle is, for example, disabled by floods or snow-affected roads, is embedded in sand or mud, or is not easily accessible.

Relay Plus

If your Vehicle cannot be repaired and / or recovery is initiated to an Aston Martin Dealer, the Service Provider will provide alternative travel options for you. You will be entitled to receive one of the following additional services:

a)A replacement vehicle for up to two working days in your Country, or 14 days if the Breakdown Incident occurs outside your Country (a collection and delivery service, or equivalent, is available from chosen suppliers subject to availability and supplier's terms and conditions);

b)Onward transportation; or

c)Overnight accommodation.

Vehicle Collection Following Repair

Following repairs organised by Aston Martin Emergency Assistance, the cost of a first class rail ticket or (if rail transport would normally exceed six hours) a business class air ticket will be met to permit you or a person you designate to collect the repaired Vehicle. Alternatively, arrangements can be made for your Vehicle to be returned to your home or business address, whichever is the nearest to the repairing Dealer. Alternative addresses closer to the repairing Dealer may also be considered.

If the Service Provider estimates that the repairs to your Vehicle will take more than eight hours, the Aston Martin Emergency Assistance will cover your reasonable costs for alternative necessary travel, including for members of your party.

Reasonable additional expenses shall be covered for one or a combination of the following:

- Replacement vehicle costs to a maximum of two working days in your Country and up to 14 days outside your Country
- Air fares (business class ticket)
- Rail fares (first class ticket)
- Local taxi fares
- Any other transport equivalent to first class rail fares

Replacement Vehicle

If following a Breakdown Incident:

- Your Vehicle is immobilised
- Roadside repairs are unsuccessful
- If repair of the Vehicle is not possible within the same day after towing to the Dealer

Aston Martin Emergency Assistance will organise free of charge, a replacement vehicle for you until completion of the repairs. The replacement vehicle will include fully comprehensive insurance [1], with an option to upgrade to include collision damage waiver.

The loan of this replacement vehicle will not exceed two working days (in your Country) or, if the Breakdown Incident occurred outside your Country, 14 days plus two working days after your return to your home country.

Aston Martin Emergency Assistance aim to make sure that the replacement vehicle is a suitable vehicle for you. A priority for the choice of the replacement vehicle is a hire car of category G or equivalent, where available. Specially adapted replacement vehicles will not be provided.

The replacement vehicle will be delivered to you, where possible, but if you prefer, taxi costs for collecting the replacement vehicle, will be met by Aston Martin Emergency Assistance.

You will be responsible for fuelling and basic maintenance of the replacement vehicle, while under their care. You will also be responsible for paying any deposit required by the vehicle Hire Company.

Once the repair on your Vehicle is complete, the replacement vehicle will then either be returned to the vehicle Hire Company or collection will be arranged where possible, at your request.

If the replacement vehicle has been kept beyond the term of the permitted loan period (as noted above), you will be responsible for any additional charges incurred for the extended period. If you cannot fulfil the nominated vehicle Hire terms and conditions, or circumstances prevent you from qualifying to hire the vehicle, and alternative mobility arrangements are more appropriate, then onward travel arrangements or hotel accommodation will be provided instead. The vehicle hire agreement will be between you and the relevant supplier and will be subject to that supplier's Terms and Conditions. These will usually require or include (amongst other things):

- Production of a full driving licence valid at the time of issue of the hire vehicle
- Limits on acceptable endorsements
- Limitations on the availability and, or engine capacity of the replacement vehicle
- A deposit, e.g. for fuel
- Drivers to be aged at least 18 or 21 years depending on Country, and to have held a full driving licence for at least 12 months.

1. Unless the driver is under 21 years of age, where there may be an additional charge incurred.

Onward or Home Journey

If following a Breakdown Incident that occurs more than 80 km (50 miles) from your place of residence, your Vehicle cannot be repaired at the roadside on the same day of the Breakdown Incident, Aston Martin Emergency Assistance will cover:

- The costs of the journey from the place of the Breakdown Incident to the nearest Dealer
- The costs of a replacement vehicle as outlined above
- Where necessary, taxi costs for one journey to the nearest accessible train station or airport, for you and your passenger(s)
- Where necessary, the costs of a first class train journey for you and your passenger(s). If the train journey exceeds six hours, the cost of a scheduled flight (Business Class) for you and your passenger(s).

Aston Martin Emergency Assistance will reimburse you for reasonable costs incurred relating to the above, upon receipt of a claim letter from you, detailing the circumstances of the claim, along with receipts for all transport costs claimed. All claim letters must be directed to Aston Martin Emergency Assistance at The AA, Relay Plus Claims, Aston Martin Emergency Assistance, Fanum House, Basingstoke, Hampshire RG21 4EA, United Kingdom. Only costs directly connected with the Breakdown Incident will be covered.

The refund process to you shall be managed by Aston Martin Emergency Assistance.

Repaired Vehicle Re-delivery

Aston Martin Emergency Assistance will attempt to contact you within 24 hours of successful repair at the Dealer in order to arrange re-delivery of the repaired Vehicle to either your home or place of work, as you request. Alternative addresses closer to the Repairing Dealer may also be considered.

Hotel

If following a Breakdown Incident that occurs more than 80 km from your place of residence, and your Vehicle cannot be repaired at the roadside on the day of the Breakdown Incident, accommodation costs for you and your passenger(s) shall be covered for the duration of the repair, for up to a maximum of two nights if the Breakdown Incident occurs in your Country, or seven nights if the Breakdown Incident occurs outside your Country. You shall be responsible for any excess costs.

Repatriation of Un-repaired Vehicle from Abroad

If the Vehicle cannot be repaired by Aston Martin Emergency Assistance within an agreed time schedule (three working days), the costs for transporting the Vehicle and its contents from the Dealer to the home Country Dealer, will be covered by Aston Martin Emergency Assistance.

Aston Martin Emergency Assistance shall arrange the safe repatriation of the Vehicle at the least cost, while respecting the need to deliver the Vehicle to the home Dealer within ten consecutive days.

Aston Martin Emergency Assistance will cover the costs for parking the Vehicle, pending repatriation or import. It maybe necessary for Aston Martin Emergency Assistance to repatriate a caravan or trailer on tow at the time of the Breakdown Incident together with the Vehicle if the Vehicle cannot be repaired abroad by your return date.

What To Do In An Emergency

Should assistance be required in the unlikely event of a Breakdown Incident, simply contact Aston Martin Emergency Assistance using the relevant telephone number listed below. It is important that you call the appropriate number should you require assistance.

It may be helpful to have the relevant telephone numbers entered into your telephone 'phone book'.

UK: 0800 316 1178 [1]

Europe: 00 800 28 86 28 86 [1].

Europe: 00 33 472 172 508

Please do not make your own arrangements as Aston Martin Emergency Assistance will be not be able to reimburse you. If you are in a remote location and need assistance, the time taken to receive the assistance may be longer because of distance and local restrictions.

Vehicle Identification and Location

To minimise delay, please have the following information available:

- Your name
- Aston Martin model
- The Vehicle Identification Number (VIN). The last six digits from the VIN label in the corner of the windscreen
- The location of the vehicle
- Vehicle registration number and colour
- Telephone number where you can be contacted
- Description of the concern experienced

[1]. Calls from landlines shall be free. Calls from mobile phones will be charged at standard mobile network rates.

European Autoroute Restrictions

If assistance is required on a French Autoroute or on certain Autoroutes in other European countries, you must use the official SOS boxes at the side of the road in order to arrange initial assistance or recovery. You will be connected to the authorised Autoroute Assistance Service because these roads are privatised. Neither Aston Martin Emergency Assistance nor any other assistance organisations are allowed to assist on these roads.

Once your Aston Martin has been recovered from the Autoroute, you should contact Aston Martin Emergency Assistance at the earliest opportunity to make sure that any further assistance arrangements you require can be made on your behalf.

Aston Martin Emergency Assistance will advise you how to reclaim costs incurred for recovery from the Autoroute.

What is not Covered

Aston Martin Emergency Assistance is thorough and comprehensive; however, claims cannot be met as a result of any of the following:

1. Where you, or anyone else acting on your behalf, make repair or service arrangements without authorisation (and a file number) from Aston Martin Emergency Assistance.
2. Where any loss, theft, damage, death, bodily injury, cost or expense that is not directly associated with the incident that caused you to claim, unless expressly stated in this policy
3. If the Breakdown Incident is due to fire, theft, accident or vandalism, your costs will not be covered by Aston Martin Emergency Assistance but should be met by third party insurance covering the incident.
4. Damage or injury intentionally caused by you or resulting from your participation in a criminal offence.
5. If your Vehicle is kept in an un-roadworthy condition or has not been serviced in accordance with the Manufacturer's recommendations.

6. Any costs that would have been payable by you, such as petrol, toll charges, parking fees, cost of meals, drinks, telephone calls and/ or newspapers or any other costs not specifically stated as being covered by Aston Martin Emergency Assistance, which may be incurred by you and/ or the other member(s) of your party as a result of and/ or in connection with the Breakdown Incident.
7. Release fees: Should your Vehicle be stolen and subsequently recovered by the police, you may be asked to pay a release fee before we can remove your Vehicle to an authorised Aston Martin Dealer.
8. Specialist charges: In the event that the use of specialist equipment is required to give assistance when your Vehicle has, for example, gone off the road, is in a ditch, is standing on soft ground, sand, shingle, stuck in water or snow or has been immobilised by the removal of its wheels, we will arrange recovery but you will be responsible for the costs of any specialist equipment required. The costs may be refundable under the terms of your motor insurance policy.
9. Adverse weather conditions: On those occasions when we experience adverse weather conditions, such as high winds, snow, floods, etc., external resources may be stretched and some operations become physically impossible until the weather improves. At such times, our priority is to make sure that you and your passengers are taken to a place of safety and so the recovery of your Vehicle may not be possible until weather conditions permit.

10. Customer induced breakdown incidents are not covered under Aston Martin Emergency Assistance. However, Aston Martin and the Service Provider will, at their sole discretion, assist you if you request it. However we are not obligated to provide assistance and you shall be responsible for any charges resulting from any assistance given caused by a customer induced fault. In such circumstances, a swipe card deposit maybe taken by the Service Provider. Assistance in such circumstances will not include additional benefits (replacement vehicle, onward journey, hotel accommodation). Customer–induced faults may include, for example, the following:
    - Lock-outs / lost keys
    - Broken keys
    - Discharged battery
    - Running out or loss of fuel
    - Use of wrong fuel (no replacement at the location of breakdown, only towing)
    - Tyre damage
    - Road traffic accidents
11. Lockout / lost keys: Whilst we will always try to provide assistance by the most practical method, should you be unable to gain entry to your Vehicle, modern security systems make it extremely difficult for this to be done should spare keys not be available. If a forced entry is required, you will be asked to sign a declaration stating that you have given permission for this to take place and that any costs for resultant damage will be your sole responsibility.
12. Aston Martin Emergency Assistance shall not be required to provide services in the following circumstances:

    a) in respect of Vehicles not displaying a valid road fund licence;

    b) in respect of eligible Vehicles situated on private property (for example garage premises) unless you can establish to the reasonable satisfaction of Aston Martin Emergency Assistance that permission has been given by the relevant owner or occupier;

c) Vehicle servicing or re-assembly where this is required as a result of neglect or unsuccessful work on the Vehicle other than on the part of the Service Provider or its agents;

d)the recovery of any Vehicles bearing trade plates or which Aston Martin Emergency Assistance has reason to believe have just been imported or purchased at auction;

e) the transportation of immobilised Vehicles where Aston Martin Emergency Assistance considers this to be part of a commercial activity;

f) assistance for Vehicles broken down as a result of taking part in any 'Motor Sport Event', including, without limitation, motor racing, rallying, speed or duration tests or practice thereof, trials or time-trials, auto test (other than auto tests performed by the Client using roadworthy, road legal cars on public roads), but excluding 'Concours d'elegance' events, track test days for road-legal Vehicles or rallies held exclusively on open public roads where participants are required to comply with the normal rules of the road (save for Aston Martin organised and controlled track day events);

g)where the police, highways agency and / or other emergency service require that your Vehicle be recovered by a third part

h) where your entitlement to Aston Martin Emergency Assistance lapses or if your Vehicle is no longer considered eligible for Aston Martin Roadside Assistance, the Service Provider may charge you directly for the Services provided. Any such charges will be charged on a 'pay for use' basis and will constitute a direct contract between you and the Service Provider. If it is determined that Aston Martin is at fault for the Vehicle not being recorded as an eligible Vehicle, then Aston Martin shall pay the relevant charges;

I) assistance for routine maintenance and running repairs of the Vehicle such as fixing faulty radios, interior light bulbs and heated rear windows;

j) for transit risk insurance, which Aston Martin Emergency Assistance recommends you take out where a Vehicle is to be repatriated;

k) where locksmiths, body-glass or tyre specialists are required. Aston Martin Emergency Assistance will endeavour to arrange for their assistance on your behalf, however, you will be responsible for the costs of their services. Further, if use of a locksmith or other specialist would, in Aston Martin Emergency Assistance's opinion, mobilise the vehicle, no further service will be given for the breakdown in question

l) the transportation of any animal or pets shall be at the sole discretion of the Service Provider.

13. The Service Provider may charge you directly for:

a) any replacement component, lubricant and / or fuel (the 'Parts') or consumable items supplied (except where Aston Martin has provided or paid for such Parts);

b) any extension of the Services which you are entitled to receive in connection with this Agreement (which shall be performed by the Service Provider (in its absolute discretion) at your request;

c) the use of any specialist lifting or towing assistance needed to recover your Vehicle if your Vehicle has gone off the road, is in a ditch, sunk in soft ground, sand or shingle or when it is stuck in snow or flood water;

d) any additional charges resulting from the failure to carry legal and serviceable spare wheel(s) or tyre(s) in the Vehicle. Aston Martin Emergency Assistance will endeavour to arrange assistance from a third party on your behalf but you will be responsible for the costs of the call out and/ or for any repair;

e) the cost of garage or other labour required to repair the Vehicle, other than that provided by Aston Martin Emergency Assistance at the scene of the Breakdown Incident;

f) any costs of draining or removing fuel, lubricants or other fluids as a result of the introduction of an inappropriate substance;

g) transportation of personal effects, goods, vehicles, boats or other waterborne craft on or in the Vehicle and any trailer or caravan. Aston Martin Emergency Assistance will not consider any claim for loss resulting from damage to / loss of use of these items. Such items remain your responsibility at all times.

14. If following a Breakdown Incident, the Service Provider, its third party garage agent or subcontractor makes a temporary repair to your Vehicle (for these purposes, a temporary repair shall mean temporary repairs of the Vehicle where the underlying cause of the Vehicle's failure is not resolved), then the Service Provider, its third party garage agent or subcontractor shall recommend you to have such temporary repair made good by a Dealer.

Schedule - Eligible Vehicles

New Vehicles

Any Aston Martin vehicle which is sold directly by Aston Martin or a Dealer in the UK or European Territories and which is first registered in the UK or European Territories (as appropriate).

Used Vehicles

Those used vehicles registered in the UK or the European Territories in respect of which an Extended Warranty has been started.

In All Cases

- Maximum Gross Vehicle Weight (including any caravans or trailers being towed at the time of the Breakdown Incident): 3500 Kg
- Maximum Vehicle Length: 5.5 m
- Maximum Vehicle Width (including any caravans or trailers being towed at the time of the Breakdown Incident): 2.3 m
- Maximum Vehicle Height: 3 m

The dimensions detailed above will be calculated taking into account anything attached to the relevant eligible Vehicle at the time of the relevant Breakdown Incident and any trailer or caravan, including but not limited to towing equipment, any carriers or racks (e.g. bike or luggage), or anything else attached to the Vehicle or the carriers / racks.

Vehicles must be built to manufacturer's specifications, display a road fund licence, and where applicable, hold a certificate of roadworthiness.

Aston Martin Warranty

Aston Martin One-77 Warranty

The warranties provided in this Aston Martin One-77 Warranty (the '**Warranty**') are for the benefit of the original purchaser of the Vehicle and any subsequent owner of the Vehicle during the relevant warranty period (the '**Owner**') in the Region (defined below). Every Aston Martin vehicle is built and homologated to support the Region for which it is manufactured and will be compliant with the local regulatory requirements of that Region; it follows that the Warranty covers vehicles that are built for and supplied to the Region. Any work carried out under the Warranty will be performed in the Serviced Countries (defined below).

'**Region**' means one of the following territories:

- the United Kingdom, Europe, Russia and South Africa; or
- the Middle East, North Africa and India; or
- Asia Pacific, including China, Japan, Taiwan, Hong Kong, Singapore, Australia and New Zealand.

'**Serviced Countries**' means either: (a) any country in the Region, where there is an Aston Martin authorized service centre for One-77 vehicles ('**One-77 Service Centre**'); or (b) any country agreed in writing with Aston Martin.

1 Vehicle Warranty

1.1 Warranty Limitations

Aston Martin Lagonda Limited ('**Aston Martin**') gives a warranty for each new Aston Martin One-77 vehicle (the '**Vehicle**'), and each replacement vehicle or replacement part or assembly manufactured or supplied by Aston Martin, to be free from defects in material and workmanship under normal use and service for the applicable warranty period.

The 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 the Warranty. No person, including Aston Martin employees or One-77 Service Centres, may modify or waive any part of the Warranty.

a) Limitation of Remedies

Under the Warranty, it is agreed that the sole exclusive remedy against Aston Martin and its One-77 Service Centres 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 One-77 Service Centres, is willing and able to repair or replace defective parts in the prescribed manner.

Aston Martin and its One-77 Service Centres are not responsible to the Owner for any losses, damages, costs or charges arising directly or indirectly from: (I) any inconvenience or delay of work carried out under the Warranty; (ii) any loss of transportation or use of the Vehicle; (iii) the use of rental vehicles, fuel, telephone, travel, meals or lodging; (iv) any loss of personal or commercial property; (v) any loss of revenue; and/ or (vi) any other incidental or consequential damages that may be incurred or suffered.

Punitive, exemplary, or multiple damages may not be recovered unless applicable law prohibits their disclaimer. The Owner shall not bring any warranty-related claim as a class representative, a private attorney general, a member of a class of claimants or in any other representative capacity.

Aston Martin shall not be liable for any damages caused by delay in delivery or furnishing of any products and/or services.

b) Implied Warranties and Consequential Damages

Under the law of some jurisdictions, the Owner may be entitled to the benefit of the implied warranties of merchantability or fitness for intended purpose. These implied warranties are limited to the extent allowed by law to the time period covered by the written warranties, or the applicable time period provided by law, whichever period is shorter.

Some jurisdictions 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. The Warranty gives owners specific legal rights, and they may also have other rights that vary between jurisdictions.

1.2 Warranty Statement

Aston Martin warrants that during the Warranty period, if a Vehicle is properly operated and maintained by the user in accordance with the Maintenance section of the Owner's Guide, repairs required to correct defects in materials or workmanship will be performed without charge; any component covered by the Warranty found to be defective in materials or workmanship will be repaired, or replaced, without charge. Nominated One-77 Service Centres will repair the Vehicle with genuine approved Aston Martin parts.

1.3 Warranty Coverage

The Warranty covers any original or OEM component of the Vehicle that is defective during the basic Warranty period, with the exception of tyres, the items listed under paragraph 6.3, normal maintenance items and 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.

1.4 Exchange Parts Under Warranty

New parts will only be used for repairs during the first month or 1000 km (whichever occurs first) from the date the vehicle is handed over to the first Owner. Thereafter exchange parts must be used where available under Aston Martin's exchange plan. The One-77 Service Centre or nominated dealer carrying out the warranty repairs will be familiar with such plan.

2 Anti Perforation Corrosion Protection Warranty

The Vehicle's bodywork is protected by an Anti Perforation Corrosion Warranty. Should any part of the bodywork of the Vehicle suffer from anti-perforation 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 from the inner surface of a body panel or box section outwards.

A pre-condition of supporting this warranty is an annual inspection by your nominated One- 77 Service Centre.

3 Warranty Period

The period of cover for the Warranty commences on the day the Vehicle leaves the factory (Gaydon, UK).

The Vehicle Warranty period of cover is three years with unlimited mileage.

The Anti Perforation Corrosion Warranty period of cover is ten years with unlimited mileage.

4 Who May Repair the Vehicle

Specialist One-77 Service Centres will be appointed by and receive full technical support from Aston Martin. The One- 77 Service Centres will provide support and facilities for the servicing and repair of the Vehicle. Only these specialist One-77 Service Centres will, under the terms of this Warranty, repair or replace, free of charge to the Owner, any part or assembly proved to Aston Martin's satisfaction to show a defect in materials or workmanship within the applicable period. Additionally, nominated Aston Martin Dealers may be appointed by Aston Martin to supplement the One-77 Service Centre network. For a list of specialist One-77 Service Centres, please contact Aston Martin Customer Service on +44 (0) 1926 644221.

5 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.

5.1 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. The customer literature supplied with the new Vehicle includes a service book setting out such 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.

5.2 Wear and Tear Items

The items listed below are recognised 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, which ever occurs first.

- Wiper Blades
- All Light bulbs
  HID headlamp bulbs and instrumentation illumination bulbs are covered by the full vehicle warranty.
- Wheel alignment and balancing
- Adjustments, including but not limited to: headlamp and hinged panel adjustments, suspension tightening, steering geometry adjustments, emission and fuel systems checks and park brake adjustments
- Remote handset batteries

Brake pads, brake discs and other friction related components are not covered when replacement is due to wear and tear, but they are covered against manufacturing defects (whether in material or workmanship) for the duration of the Vehicle Warranty.

5.3 Consumables

Replacement or top up of consumable fluids, e.g. oils, antifreeze, brake fluid, windscreen wash solution and refrigerant, will only be covered when they are used as part of a warranty repair.

6 What is Not Covered

Aston Martin is **not** responsible for any repair or replacement that is required as a direct result of:

6.1 Damage Caused by Accident, Alteration or Misuse

The Warranty does not cover:

- Damage caused by collision, fire, flood, theft, freezing, vandalism, riot, explosion, or objects striking the Vehicle
- Misuse of the Vehicle, such as driving over curbs, overloading, racing, or using the Vehicle as a stationary power source

- Alterations or modifications of the Vehicle (including changes to the body, chassis, or components) carried out on the Vehicle, at any time during its lifetime, by non-approved repairers or body repair centres and shops, tampering with the Vehicle, tampering with the emission systems or with other parts that affect these systems
- Disconnection or alteration of the odometer, or where the actual mileage cannot be determined due to the odometer being inoperative for an extended period of time
- Use of contaminated or improper fuel or fluids or application of unauthorized chemicals by the customer

6.2 Damage Caused by Use or the Environment

Surface rust, deterioration and damage of paint, trim, upholstery and other appearance items that result from use and/or exposure to the elements are not covered under the Warranty.

The Warranty does not cover:

- Stone chips, scratches
- Lightning, hail damage
- Dints or dents
- Windstorm damage
- Road salt, tree sap
- Earthquake damage
- Bird and insect droppings
- Freezing, water or flood damage
- Cuts, burns, punctures or tears
- Windshield stress cracks
- Rodent damage
- Improper polishing of paint surface

6.3 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 under the Warranty. Please refer to the Maintenance section of the Owner's Guide for correct fluid levels, and for information on the proper ways to maintain the Vehicle.

Examples of important maintenance procedures that must be carried out correctly are:

- Oil changes
- Cleaning and polishing
- Oils, lubricants and other fluids
- Engine tune-up
- Oil and air filters
- Wiper blades
- Brake pads and lining
- Tyre rotation / inflation
- Clutch linings
- Wheel alignments and tyre balancing

6.4 Other Items and Conditions Not Covered by the Warranty

The Warranty does not cover:

- The installation or use of a non-Aston Martin part (other than a certified emissions part) or any part (Aston Martin or non-Aston Martin) designed for off-road use only installed after the vehicle leaves the control of Aston Martin, if the installed part fails or causes an Aston Martin part to fail
- Damage to, or caused by, non-approved accessories such as alarms, telephones
- Damage to, or caused by, non-approved snow chains or towing devices
- Damage caused by failure to maintain adequate levels of fuel in your vehicle
- Vehicles that have been labelled or branded as being 'dismantled", 'fire', 'flood', 'junk', 'rebuilt', 'reconstructed', 'salvaged' – this will void the Warranties
- Vehicles that have been determined as a 'total loss' by an insurance company, or other official body – this will void the Warranties
- Service adjustments, wear items and alignments after one (1) year or 10,000 miles (16,000 km), whichever occurs first

- Use of alternative fuels: Aston Martin does not recommend or approve of the use of Liquid Petroleum gas or Compressed Natural gas. Damage caused by the use of alternative fuels or fuel additives is not covered by the vehicle Warranty
- Normal wear or worn out tyres. Tyres will not be replaced (unless required by a warranty repair) for wear or damage including a) tyre damage from road hazard such as cuts, snags, bruises, bulges, puncture, and impact breaks; and b) tyre damage due to under or over inflation, tyre chain use, racing, spinning (including when stuck in snow or mud), improper mounting or dismounting, or tyre repair.
- Vehicles that have had the odometer disconnected, altered, or inoperative for an extended period of time with the result that the actual mileage cannot be determined.

Tyres are covered separately by the tyre manufacturer. Aston Martin Customer Services and One-77 Service Centres can offer assistance to the customer in pursuing a claim against the tyre manufacturer.

6.5 Paint Surface and Corrosion Protection

Aston Martin is not responsible for any repair or replacement that is required as a direct result of the following:

- Failure to properly maintain paint and bodywork by regular cleaning in accordance with Aston Martin instructions as set out in the customer literature supplied with the new vehicle
- Factors beyond Aston Martin's control, such as environmental hazards (including industrial fallout, storm damage, acid rain) and damage (including stone chips, scratches and use of unsuitable cleaning agents)
- Accident repairs or defects resulting from accident repairs
- Failure to rectify on a timely basis any paint or corrosion damage as recorded in the vehicle documentation by One- 77 Service Centre at the time of the annual inspection as required in the Service Maintenance Schedule in the literature supplied with the Vehicle

7 Owner Responsibility

The customer literature supplied with the Vehicle describes the proper care and use of the Vehicle. Please contact Aston Martin Customer Services if the customer literature is lost. Proper maintenance and use guard against major repair expenses resulting from misuse, neglect or inadequate maintenance, and may help increase the value that the Owner may receive when selling the Vehicle.

The Owner is responsible for:

- Making sure the Vehicle is maintained in accordance with the vehicle Service Maintenance Schedule published in the customer literature. Failure to perform maintenance promptly and in accordance with Aston Martin's specified service intervals will invalidate warranty coverage on the parts affected
- Taking the Vehicle to a specialist One-77 Service Centre or nominated Aston Martin dealer for any warranty repairs as soon as practicable after a defect is detected
- Making sure the Service and Maintenance Schedule in the customer literature has been stamped by the One- 77 Service Centre or servicing dealer after the completion of a scheduled service operation
- Making sure the Vehicle's paint and bodywork is maintained by regular cleaning in accordance with Aston Martin's instructions as set out in the customer literature
- Making sure the body panels are examined annually by an authorised Aston Martin Dealer and that this inspection is recorded in the Owners Guide section of the customer literature

8 Consumer Law

The Warranty is a manufacturer's warranty that supplements and does not affect the Owner's legal rights under the vehicle purchase agreement or under applicable national legislation governing the sale of consumer goods.

Owner Details

Name:

Address:

:

:

:

Post Code:

Signature:

Date:

(Dealer Stamp)

Vehicle Details

Registration Plate No.:

VIN No.:

Engine No.:

Warranty Start Date:

If the vehicle is sold, the benefits of any un-expired portion of the warranties can be transferred to the new owner.

The new owner should complete a 'tear off' sheet (next page) and send the new details to:

Aston Martin Warranty Department
Aston Martin Lagonda Limited
Banbury Road,
Gaydon,
WARWICK
Warwickshire,
CV35 0DB,
England

ASTON MARTIN

Owner Warranty Transfer (2)

Registration plate No.:

VIN No.:

Recorded mileage (km):

Date of Purchase:

Name:

Address:

:

:

:

Post Code:

Telephone No.:

Signature:

Date:

Owner Warranty Transfer (1)

Registration plate No.:

VIN No.:

Recorded mileage (km):

Date of Purchase:

Name:

Address:

:

:

:

Post Code:

Telephone No.:

Signature:

Date:

ASTON MARTIN

Owner Warranty Transfer (4)

Registration plate No.:

VIN No.:

Recorded mileage (km):

Date of Purchase:

Name:

Address:

:

:

:

Post Code:

Telephone No.:

Signature:

Date:

Owner Warranty Transfer (3)

Registration plate No.:

VIN No.:

Recorded mileage (km):

Date of Purchase:

Name:

Address:

:

:

:

Post Code:

Telephone No.:

Signature:

Date:

Alphabetical Index

V

W

ASTON MARTIN