ASTON MARTIN

Vanquish
ZAGATO

Aston Martin Owners' Club (AMOC)

An invitation to join the Aston Martin Owners' Club

The sporting spirit of the 1930s exists today in one of the world's most exclusive car clubs. Enthusiasts in nearly 60 countries are united by an interest in iconic cars with an enviable pedigree. Enjoy the company of like-minded owners in a wide range of activities: social evenings, weekends away or motoring tours. Something more competitive? AMOC Concours are a benchmark for connoisseurs of fine motorcars. A need for speed? We organize track days, sprints and hill climbs as well as circuit racing in venues such as Silverstone, Goodwood and Lime Rock in the USA.

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Aston Martin Heritage Trust

The Aston Martin Heritage Trust is an educational charity dedicated to the preservation, promotion and enhancement of over 100 years of history of Aston Martin. Its world class collection comprising the automotive museum, substantial archive and collection of historical artefacts is housed in the magnificently restored Grade II* listed barn in Oxfordshire which it shares with the Owners' Club. As a member of the Owners' Club you become a member and supporter of the Trust, so please log on to our web site for more information, or better still pay us a visit and see the collection for yourself.

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Welcome

Welcome to your new Aston Martin Vanquish Zagato Shooting Brake.

This Owner's Handbook 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 the Owner's Handbook prior to driving.

This Owner's Handbook 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, where sales and service are provided by companies with the facilities, knowledge and factory trained personnel 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
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Aston Martin Dealers are independent traders, they are not the Company's Agents, and therefore have no authority to bind the Company or to enter into any financial or other commitments on the Company's behalf.

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

Aston Martin Authorized Body Repairers

A full list of Aston Martin Authorized Body Repairers worldwide can be found at:

www.astonmartin.com

All Aston Martin Approved Body Repair centres have been assessed and audited to Aston Martin Body Repair Centre standards in either Category A or B.

Category A

Repairs to the bonded aluminium structure and all paint related and light structural damage.

Category B

All paint related and light structural damage.

Every effort is made to make sure that the information given in the Aston Martin Authorized Body Repairers list is accurate and up-to-date. However changes can occur. Neither Aston Martin nor any Aston Martin Authorized Body Repairer shall in any circumstances be held liable for any inaccuracy, or the consequences thereof.

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

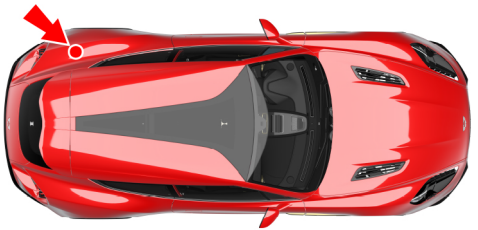
Provided to show procedures which must be followed precisely to reduce the possibility of damage to your vehicle.

Notes

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

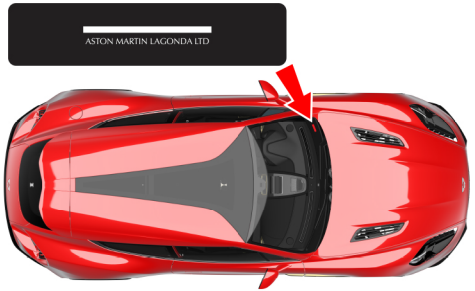
Component Location

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'.

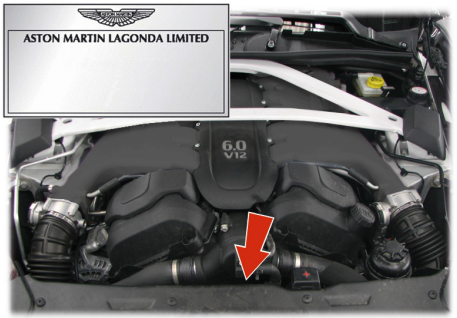


Vehicle Identification

The Vehicle Identification Number (VIN) is shown in the left side bottom corner of the windscreen.



The VIN plate located in the engine bay (viewed from above) is model and market dependent:



The VIN is also stamped into the floorpan in the right side footwell.

To view the VIN stamped into the floorpan lift the carpet up, from the front, and then lift the sound deadening material.

Event Data Recorder

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

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

- The EDR in this vehicle is designed to record such data as:
- How various systems in your vehicle were operating;
- Whether or not the driver and passenger safety belts were buckled/fastened;
- How far (if at all) the driver was depressing the accelerator and/or brake pedal; and,
- How fast the vehicle was traveling.

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

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

In addition to the vehicle manufacturer, other parties, such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

Reporting Safety Defects

North America

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Aston Martin Lagonda of North America Inc., 9920 Irvine Center Drive, Irvine, CA 92618, USA.

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

To contact NHTSA:

Call the Vehicle Safety hot-line toll-free at 1-888-327-4236 (TTY: 1-800-424-9153)

Go to www.safercar.gov

Write to: Administrator, NHTSA, 400 Seventh Street, SW., Washington, DC 20590.

You can also obtain other information about motor vehicle safety from www.safercar.gov.

Canada

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

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

Health

CALIFORNIA Proposition 65

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

⚠ WARNING: Battery posts, terminals and related accessories contain lead and lead compounds. Wash hands after handling.

Perchlorate Material

Certain components of this vehicle such as air bag modules and seat belt pre-tensioners may contain Perchlorate Material. Special handling may apply for service or vehicle end of life disposal. Go to www.dtsc.ca.gov/hazardouswaste/perchlorate for more information.

Vehicle Provenance

Model:

Body Colour:

Interior Colour:

Fascia Colour:

Vehicle Identification Number:

As on the VIN plate

First Owner:

Selling Dealer

Delivery Date

Second Owner:

Selling Dealer

Delivery Date

Third Owner:

Selling Dealer

Delivery Date

Fourth Owner:

Selling Dealer

Delivery Date

Fifth Owner:

Selling Dealer

Delivery Date

Sixth Owner:

Selling Dealer

Delivery Date

Vehicle Security

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Introduction

This vehicle is protected by an electronic security system which includes:

- Remote arm and disarm
- Perimeter sensing
- Remote door, trunk lid, fuel flap release lock and unlock
- Guard reduction mode
- Alarm siren with battery backup (Only in markets where audible sirens are permitted.)
- Random code encryption to prevent electronic scanning of the vehicle key identity code
- Engine Immobilizer

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

Emotion Control Unit

The vehicle is supplied with three vehicle keys (Two Emotion Control Units); a glass key, a plastic spare key and an emergency key.

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.

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

FCC - Radio Frequency Devices

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Vehicle Key Security Functions

[1] LOCK: Press and release for one step vehicle locking and to arm the security system.

[2] UNLOCK: Press and release to unlock the driver's door only. Press and release twice, within three seconds, to unlock all doors.

[3] TRUNK OPEN: Press once to release the trunk lid catch (Refer to 'Trunk Lid', page 2.6).

[4] APPROACH LIGHT: Press to set the front, rear side and interior lamps to ON (Refer to 'Approach Light', page 2.8).

Emergency Key

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

Do not store the emergency key in the vehicle. If the vehicle battery is fully discharged you will need the emergency key to gain access to the vehicle.

If the emergency key is lost, contact your Aston Martin Dealer.

To access the door lock, remove the side strake on the left hand side door by following the procedure below:

Take care not to damage the vehicle paintwork when removing and replacing the side strake.

1. Locate the small slot underneath the side strake. Carefully insert your Aston Martin Emergency Assistance card (or similar item) to push the internal clip and release the strake.
2. Carefully push the side strake towards the front of the vehicle and remove.

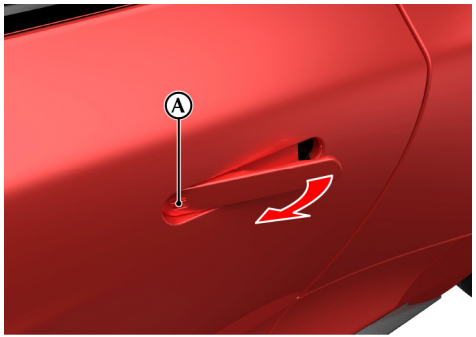
3. To centrally lock the vehicle, insert the emergency key in the lock and turn fully towards the front of the vehicle and release. The trunk lid and fuel flap release switches will also be disabled. The security system will not arm.
4. To centrally unlock the vehicle and enable both the trunk lid and fuel flap release switches, turn fully the key towards the rear of the vehicle and release. If the security system was armed, the alarm will start.
5. To stop the alarm insert the vehicle key (even if the vehicle key has lost all power) into the ignition control and move to position 'II' (ignition ON).
6. Carefully install the side strake.

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

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

Stand within 16 ft (5m) of the vehicle, point the vehicle key towards the vehicle and press the ***UNLOCK*** button once to unlock the driver's door and disarm the security system (the direction indicators will flash twice). Press twice to unlock the passenger door and enable the trunk lid catch and fuel flap release button.

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.

*All doors and both the trunk lid and fuel flap release switches can be set to unlock with one press of the **UNLOCK** button (Refer to 'Automatic Lock', page 2.7).*

For ease of use at night white LEDs are incorporated into the door handles which will come on when the vehicle is unlocked. The door LED will go off when the door is opened or after two minutes if a door is not opened.

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 memorized by the key which is being used (Refer to 'Seat Memory Function', page 3.4).

When the vehicle is unlocked, the interior lamps will come on for five minutes and 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 before locking the vehicle, interior movement and tilt sensors (optional) are enabled. Passengers will not be able to unlock a door from the inside.

If reduced guard or automatic lock 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 'Automatic Lock', page 2.7).

(Refer to 'Reduced Guard', page 2.9).

Vehicle unlock from inside can be set to automatic unlock when the vehicle key is removed from the ignition control. With automatic unlock ON only one pull of a door handle will open that door.

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).

Locking

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 trunk lid and the hood 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 trunk lid and fuel flap release switches and arm the security system. The direction indicators will flash once as the security system is armed.

The driver's seat and both door rear view mirror positions are memorized and will be recalled the next time the vehicle is opened using the same vehicle key.[1]

Automatic Re-locking

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

Lock Light Settings

The vehicle direction indicators can be set to flash when the security system is both armed or disarmed.

To change the vehicle lock light settings:

1. Press the ***MENU*** button on the console.
2. Select *<SYSTEM SETTINGS>*, then *<Light settings>*.
3. Select from *<Lock Confirmation Indication>*, or *<Unlock Confirmation Indication>*.
4. Select *On* or *Off*

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 and 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 and 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.

Operation of the master lock switch will override automatic lock (Refer to 'Automatic Lock', page 2.7).

1. Seat and mirror memory function only operates for the first two keys for the vehicle. Any additional keys will only operate the door locks.

Trunk Lid

To aid access for passengers at night, the LED in each door handle will come on (for 10 seconds or until the door is opened) when the vehicle is unlocked using the master lock switch.

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

To Open the Trunk Lid

Press the ***TRUNK OPEN*** button on the vehicle key **once** to enable the release catch, then press the trunk lid button (A) and lift the lid.

If the vehicle is locked and armed the security system will disarm and the direction indicators will flash twice when the trunk is opened. The doors will stay locked (Refer to 'Lock Light Settings', page 2.5).

Opening from Inside the Vehicle

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

To Close the Trunk Lid

Pull the trunk lid down, then push the trunk lid down and make sure that its catch engages. Once the catch engages, it automatically closes. If the trunk lid is slammed shut, this is overridden. Press the ***LOCK*** button on the vehicle key to lock the lid. The direction indicators will flash once as the security system is armed (Refer to 'Lock Light Settings', page 2.5).

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

Always make sure that the trunk lid is securely closed after use. The trunk interior lamps will stay on for seven minutes if the trunk lid is left partially open and the vehicle key is removed from the ignition control.

When automatic lock is set to ON the doors and the trunk lid will automatically lock as vehicle speed reaches 7 km/h / 4 mph. This function prevents unwanted access to the vehicle when stopped at traffic lights, etc.

To change the automatic lock feature:

1. Press the ***MENU*** button on the console.
2. Navigate to *<SYSTEM SETTINGS>*, and then *<Lock settings>*.
3. Select *<Doors auto lock>*, *<Unlock on key out>* or *<Doors Unlock>*. Press ***ENTER*** to toggle between ON and OFF.

   <Doors auto lock>

   Set to ON: Doors and the trunk lid automatically lock when the vehicle moves off.

   Set to OFF: Doors and the trunk lid will not lock when the vehicle moves off.

   <Unlock on key out>

   Set to ON: Doors and the trunk lid automatically lock when the vehicle moves off.

   Set to OFF: Doors and the trunk lid will not lock when the vehicle moves off.

   <Doors unlock>

   Select from *<All doors>* or *<Driver door, then all>* settings.

   - **<All doors>**

     Set to ON: All doors and the trunk lid automatically lock when the vehicle moves off.

     Set to OFF: All doors and the trunk lid will not lock when the vehicle moves off.
   - **<Driver door, then all>**

     Set to ON: The driver door automatically locks first, then the passenger door and trunk lid will lock.

     Set to OFF: All doors and the trunk lid will not lock when the vehicle moves off.

Automatic lock is factory set to ON.

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

Approach Light

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

To change the approach light duration:

1. Press the ***MENU*** button on the console.
2. Navigate to *<SYSTEM SETTINGS>*, select *<Light settings>*, and then *<Approach light duration>*.
3. Select from *<30 seconds>*, *<60 seconds>* or *<90 seconds>* duration.

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.

To change the homesafe light duration:

1. Press the ***MENU*** button on the console
2. Navigate to *<SYSTEM SETTINGS>*, select *<Light settings>* and then *<Homesafe light duration>*.
3. Select from *<30 seconds>*, *<60 seconds>* or *<90 seconds>* duration.

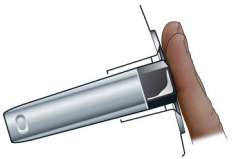
Alarm

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 trunk lid will stay locked throughout.

Markets where visible alarm signals and audible sirens are permitted.

Stop the alarm at any time by pressing the ***UNLOCK*** 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

Optional

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

Optional

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, 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 ***UNLOCK*** button on the vehicle key to stop the alarm at any time.

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

Immobilizer

📖 *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 immobilizer 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.

Immobilizer Status

The immobilizer status is shown by the red symbol (A) on the instrument cluster.

Fault Mode

If the alarm symbol starts to flash at a faster rate when the alarm is not ON, then the alarm may have been previously triggered or there may be a fault. If this continues, consult your Aston Martin Dealer.

The garage door opener (HomeLink® Universal Transceiver) buttons and transceiver are on the rear view mirror. The transceiver can be programmed to operate up to three transmitters to operate garage doors, entry gates, home lights, security systems, or other radio frequency operated devices.

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

For information or assistance, contact HomeLink at www.homelink.com or call the HomeLink hot-line:

Toll-free: (0) 0800 046 635 465

or alternatively: +49 6838 907 277 (subject to charge)

(Difficulties may be experienced trying to reach the toll-free number by some providers in certain countries .)

Alternatively, contact your Aston Martin Dealer.

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.

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 increases risk of serious injury or death.

Warning: When the transceiver is being programmed to a garage door opening system, make sure that people, the vehicle and objects are clear to prevent injury or damage as the garage door or gate 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 near to a mobile or fixed station transmitter. This interference can affect the hand-held transmitter as well as the in-vehicle transceiver.

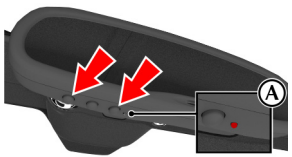
The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Programming

Step 1 erases all programming and is only necessary 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.

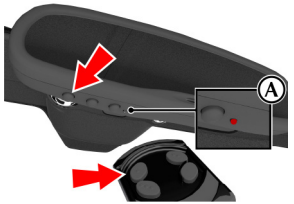
1. Press and hold the two outer HomeLink buttons, until the HomeLink LED (A) begins to flash after 20 seconds.



   All three buttons are now cleared. The HomeLink system is now in setting mode.
2. Hold the remote control for the device to be programmed at a distance of 10-30 cm away from the HomeLink transmitter unit. The LED should be kept in view.

The distance between the remote control and the transmitter unit depends on the system being programmed and several attempts at different distances may be necessary.

3. Simultaneously push the remote control button and the desired button (1, 2 or 3).



4. Using both hands, simultaneously push the remote control button and the desired button (1, 2 or 3).
5. The LED will flash, first slowly and then rapidly to show successful programming of the new frequency signal. When the LED flashes rapidly, release both buttons.

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 the same way as the original remote control.

With the system programmed, press the appropriate HomeLink button (1, 2, or 3) to operate the garage door opener.

The LED will come ON when the button on when a HomeLink button is pressed.

The original remote control may also be used at any time.

The LED will stay ON while the garage door opener (or other device) operates. If it does not, your system may have a rolling code feature.

Rolling Code Synchronisation

To check if the garage door opener (or other device) has a rolling code feature:

- Check the garage door opener manual.
- The remote control programs the HomeLink system, but HomeLink buttons do not operate the garage door opener.
- Press and hold down the programmed HomeLink button.
  For a rolling code system, the LED flashes quickly and then stays ON constantly for two seconds. This pattern repeats itself for up to 20 seconds.

To programme a rolling code system, it must be synchronized with this system again before it will function correctly.

To synchronize for a rolling code:

1. Locate the training or programming button on the motor head unit for the garage door opener . Refer to the operating instructions of the garage door opener.
2. Press the training button on the motor head unit for the garage door opener. This will usually set a 'training' LED to ON.

📖 *There will typically be a 30 second window in which to initiate step 3.*

3. Press and release the programmed HomeLink button. Press and release the HomeLink button a second time to complete synchronisation.

📖 *Some systems may require this procedure to be completed a third time.*

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

The next two buttons may now be programmed if this has not previously been done.

Reprogramming

To programme a HomeLink button to a new device:

1. Press and hold the desired HomeLink button (1, 2, or 3) for 20 seconds until the LED starts flashing slowly. Do not release the button until step 4 has been completed.
2. Hold the remote control for the device to be programmed at a distance of 10-30 cm away from the HomeLink transmitter unit. The LED should be kept in view.
3. Now press and hold the remote control button.
4. The LED will flash, first slowly and then rapidly to show successful programming of the new frequency signal. When the LED flashes rapidly, release both buttons.

Before Driving

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Checks Before Driving

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

Outside the Vehicle:

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

Once Inside the Vehicle:

- Check that the doors are securely closed.
- Check that the seat, mirrors and steering wheel adjustments are correct.
- Check that all gauges and 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.

If the seat operation times out:

- Place the vehicle key in the ignition control.
- Open or close a door.

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

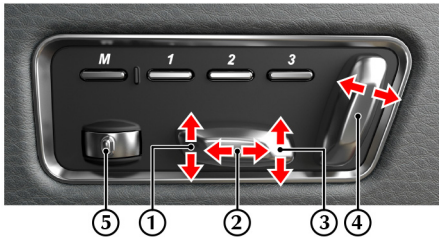
Seat Head Restraints

The driver and front passenger seats include non-adjustable head restraints (A), which limit the rearward travel of the head in a rear impact and may reduce whip lash injuries. When sitting in the seats make sure that the seat back is in an upright position and that the rear of the head is positioned in the centre of the head restraint area. The head restraints are most effective when the distance between the rear of the head and the head restraint is kept to a minimum.

Seat Adjustment

Height Adjust Seat

Drivers Seat



[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.

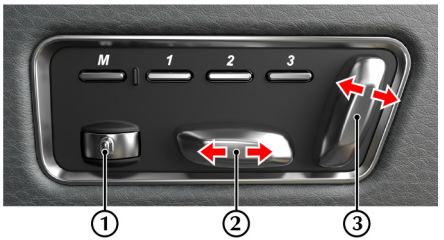
[4] : Increase or decrease the **angle of the seat back**.

[5] : Hold the thumb wheel forwards or rearwards to increase or reduce the **lumbar support**.

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

Non Height Adjust Seat

Passenger Seat with Front Passenger Sensing



[1] : Hold the thumb wheel forwards or rearwards to increase or reduce the **lumbar support**.

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

[3] : Increase or decrease the **angle of the seat back**.

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

Seat Back Release

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

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

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 front passenger seats can be memorized and recalled.

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

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. The mirror memory operates only when adjusting the driver's seat. For mirror adjustment, (Refer to 'Exterior Mirrors', page 3.5).

Push both the memory button (M) and the desired setting button (1, 2 or 3) simultaneously and release. A chime is heard and a message will show in the message centre to confirm[1]. By repeating these steps and pressing an unused button, a second and third driving position can be stored in the memory.

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

Recalling a Memorized Position

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

Memory Using the Emotion Control Unit

When the vehicle is locked using the Emotion Control Unit (ECU), the driver's seat and both door rear view mirrors will remember their positions. The next time the vehicle is opened using the same ECU, the seat and door rear view mirrors will move to the memorized 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 ECU 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.

1. Driver's seat only.

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

Rear View Mirror

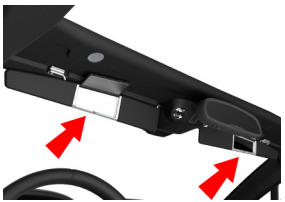
Adjust the rear view mirror on its ball mounting until a satisfactory rear view is obtained.

Automatic Dim

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.



Exterior 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 be at position 'I' or 'II' in the ignition control before the door mirrors can be adjusted.

An amber LED shows the selected mirror.

Heated Mirrors

When the heated rear window is ON the heaters in the door mirrors will operate for 6.5 minutes.

Power Fold Function

When the vehicle is locked using the vehicle key or master lock switch the mirrors will automatically fold in flat against the doors. They return to the driving position once the vehicle is unlocked.

This function can be enabled or disabled. Press ***MENU*** on the console. Navigate to *<SYSTEM SETTINGS>*, select *<Mirror settings>* and then *<Powerfold mirrors>*. Press ***ENTER*** to toggle between ON and OFF.

Manual Fold Function

To manually fold or unfold the door mirrors:

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

If the mirrors are manually folded they will remain folded on unlock until 10kmph (6 mph) is reached.

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

Reverse Dip Function

This function gives a better view to the rear of the vehicle while reversing.

When reverse gear is selected:

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

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

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

Reverse Mirror Dip Settings

1. Press ***MENU*** on the console.
2. Navigate to *<SYSTEM SETTINGS>*, select *<Mirror settings>* and then *<Reverse mirror dip>*.
3. Select *<Passenger and driver>*, *<Passenger only>* or *<Off>*.

   If set to *<Passenger and driver>*: Both door mirrors dip automatically when reverse gear is selected.

   If set to *<Passenger only>*: Only the passenger door mirror dips when reverse gear is selected.

   If set to *<Off>*: The door mirrors stay in manual mode.
4. Then press and hold ***BACK*** to accept and return to the main screen.

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 on the driver's side (A) or the passenger's side (B) to lower the window in one movement. Lightly press and release the window switch to lower the window in stages.

Lightly pull back the window switch to raise the window.

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 11.27).

Door Sealing

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

To minimize 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.

Restraints System

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

- Driver and front passenger safety belts with dual pre-tensioners and load limiting systems
- Driver and front passenger dual-stage airbags
- Driver and front passenger seat side airbags
- Front Passenger Sensing

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-tensioner(s) 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.

Seat Belts

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 occupant; 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 passengers 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 the shoulder portion of belt under your arm or behind your back.

⚠ Warning: Always remove rigid or breakable objects i.e. spectacles or a mobile phone, from your pockets. These items 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

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. (Market area dependent.)

An audible warning will sound. Stop the vehicle and fasten the seat belt.

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

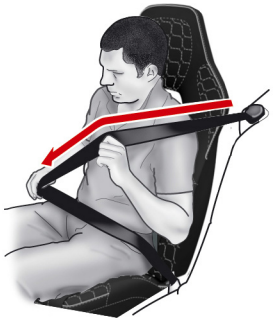
Seat Belt Fastening

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.

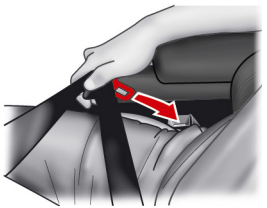
Each seat has three point, inertia reel seat belts installed. Items (1), (2) and (3) show the three points of the seat belt. Item (3) is also the location of the belt buckle.

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

Push 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.

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 side airbags, located in the front seats (B) only deploy according to which side has been impacted in a serious side collision.

The side airbags (B) located in the front seats deploy according to which side has been impacted in a serious side collision. The door airbag is mounted in the top surface of the door trim. It deploys upwards in impacts and only deploys according to which side has been impacted in a serious side 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.

⚠ Warning: The door airbag is mounted in the top surface of the door trim. It deploys upwards in impacts where the system determines it is required. Do not place objects or rest an arm on the door trim top surface due to risk of injury on airbag deployment.

🕮 If you are considering modifying this vehicle in any way to accommodate a disability, for example by altering or adapting the driver's or passenger's seat or airbag systems, please contact Aston Martin: Customer Service Manager, Aston Martin North America, One Premier Place, Irvine, CA 92618.

Aston Martin strongly recommends:

- **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 being correctly restrained. 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:

- Front Passenger Sensing system
- Passenger seats Automatic Locking Retractor (ALR) seat belts

Child Seats and Front Passenger Airbag

⚠ Warning: Do not place a child restraint on a seat with an active airbag.

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

If a child seat is to be used in the front passenger seat, the front passenger airbag **must** be set to OFF. Make sure that the child seat manufacturer's installation instructions are followed correctly.

Warning Labels

⚠ Warning: Extreme Hazard: NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it. DEATH or SERIOUS INJURY to the Child can occur.

The warning labels for the airbags are located on both sun visors and on the end of the instrument panel (passenger side).

The front passenger sensing system is part of an advanced restraints system and gives the following, in addition to the restraints system.

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

The system works with sensors which are installed in the front passenger's seat. The sensors are designed to detect the presence of a correctly seated passenger and determine if the front passenger's front airbag should be set to ON or OFF.

If it is necessary to modify the advanced restraints system to accommodate a person with disabilities, contact your Aston Martin Dealer at the phone number shown in the dealer directory of this owner's guide.

Front passenger sensing will set the front passenger's front airbag to OFF if:

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

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

Front passenger sensing will set the front passenger's front airbag to ON anytime the system senses that a person of adult size is sitting correctly in the front passenger seat.

Passenger Seat	Airbag	PASS AIRBAG OFF Lamp
Empty	OFF	OFF
Child + child seat	OFF	ON
Adult	ON	OFF

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

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

Seating Position

Warning: Always sit upright against the seat back, with your feet on the floor. If you do not sit correctly or with the seat back reclined too far this can take off weight from the seat base and affect the decision of the front passenger sensing system, resulting in serious injury or death in a crash.

Warning: Incorrect installation of a child seat may cause the passenger sensing system to leave the front airbag set to ON. Always make sure that child seats are correctly installed on the seat. Read the child seat manufacturer's installation instructions.

Warning: Even with the advanced restraints system, children aged 12 and under should be correctly restrained in the rear seats.

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

Warning: Do not place objects underneath the front passenger seat or between the seat and the centre console.

Warning: Check the PASS AIRBAG OFF symbol for correct airbag status.

Warning: Failure to follow these instructions can interfere with the front passenger seat sensing system.

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

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

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

If this happens:

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

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

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

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

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

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

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

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

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

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

Determining if the System is Operational

The warning symbol shows the status of the system. A problem with the system is shown by one or more of the following:

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

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 requires 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 instructions when installing the child seat is dangerous.

⚠ Warning: Do not seat a child aged 12 or younger, or weighing 36 kg (80 lb) or less in the car without an appropriate child seat or booster cushion.

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

Use of Child Seats

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

Look for the following when selecting a child 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 can be seriously injured 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 manufacturer's instructions for correct use and installation – use the correct size seat and correctly secure the seat in the vehicle in accordance with the manufacturer's instructions. Be sure to read and follow the 'Installation and Use Instructions' provided with the child seat.

Tether Anchor

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

⚠ Warning: Child restraint anchorages are designed to withstand only those loads imposed by correctly installed child restraints. Under no circumstances are they to be used for adult seatbelts, harnesses or for attaching other items or equipment to the vehicle.

⚠ 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: Make sure the child seat tether strap is free from obstructions above and below. Do not place any items on the tether strap between the child seat and the tether anchor point. Do not place tether strap over any items between the child seat and the tether anchor point.

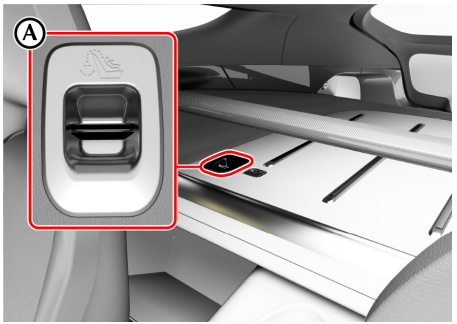
A tether is a strap that connects the top of a child seat to a tether anchor point on the vehicle to reduce excessive movement of the child seat in the event of a collision. The purpose of a tether strap is to provide additional protection for the child seat occupant in the event of a serious impact. The tether strap is supplementary to the seat belts.

Your vehicle has a tether anchor point for the passenger seat located in the floor of the luggage compartment.

Correct Assembly of Tether Anchorage

The tether anchor point (A) is located in the floor of the luggage compartment, behind passenger seat. Route the tether strap through the aperture in the seat back. Engage the attachment clip and make sure that the locking spring has fully closed to prevent accidental disengagement of the tether strap. Always make sure that the tether strap length is adjusted to remove any slack

⚠ Warning: The tether strap must pass from the seat directly to the tether anchor and not wrap around the luggage bar. If the strap does not follow the correct route it may not correctly restraint the child seat in the event of a crash.



Cabin Storage

Storage Tray

The storage tray includes a mobile phone pocket and coin or credit card holder.

Cup Holders

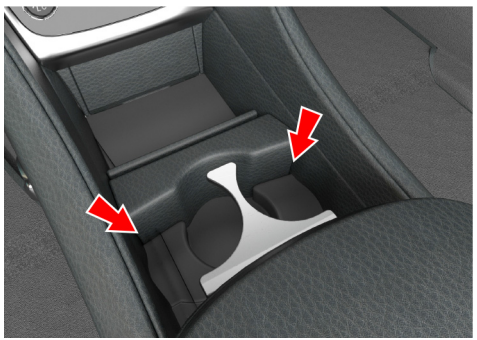
⚠ Warning: Only use the cup holder when safe to do so.

⚠ Warning: Do not place hot drinks in the cup holder while the vehicle is in motion. There is a risk of scalding if spilled.

⚠ Warning: Use soft cups only. Hard cups or objects can cause personal injury in a collision.

! Do not put open top drinks containers in the cup holders. There is a risk of spillage under heavy braking or steering which can damage electrical components.

Cup holders are located in the front and rear centre consoles.



Armrest Storage Box

The armrest storage box has 2 USB ports, a 3.5 mm auxiliary socket and a 12V accessory socket.

Door Pockets

Both doors have storage pockets with stowage straps.

Luggage Compartment

Luggage Tie-down Eyelets

⚠ Warning: The tether anchor point is not designed to be used to secure loads in the luggage compartment. Do not use the tether anchor point as a tie down eyelet.

⚠ Warning: Items carried in the luggage compartment should be properly secured. In the event of a crash, loose items can cause additional injury or damage.

To help secure loads in the luggage compartment, there are 6 tie-down eyelets in the luggage compartment, 4 located on the floor and 2 located in the roof panel.

The 2 eyelets in the roof should only be used to hold light items, such as a jacket, or to be used to install an approved Aston Martin accessory cargo net.

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.

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

! Extended use of an accessory socket when vehicle engine is set to OFF will discharge the battery.

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

There is an accessory socket located in the armrest storage box in the cabin. There is also an additional accessory socket located in the trunk, on the right side rear wall. They may be used to power any 12 volt vehicle accessory requiring a current of less than 10 amps.

Ashtray and Cigar Lighter

(Optional)

⚠ Warning: The cigar lighter will be very hot when in use. Take care to avoid burns. Do not allow children to play with the cigar lighter.

The cigar lighter can be used in any in cabin accessory socket when the vehicle key is in ignition position 'I' or 'II'.

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

! Foreign items can get into the socket and cause damage - always place the lighter back into the accessory socket when not in use.

The ashtray installs into any of the cup holders.

Reading Lamps

Reading lamps are located in the front environment. 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.

Electro-Chromatic Roof

Warning: The electro-chromatic roof operates at high voltage. Electrical cables for the high voltage system are orange in colour. If the roof trim becomes damaged it is possible that high voltage electrical components will be exposed. Do not touch these components. There is a risk of serious injury or death. Always have work on high voltage systems completed by your Aston Martin Dealer.

The glass roof can be set to operate as either an opaque roof or a clear roof. With the ignition set to off, the roof will be always be opaque. With the ignition set to on, the roof can transition to be clear. To change the roof from opaque to clear, press the electro-chromatic roof button (A).

The transition time for the glass to change from clear to opaque will depend on the temperature of the glass roof and the internal temperature of the vehicle cabin.

If the ambient temperature of the roof glass is between 5°C and 50°C (41°F and 122°F), the roof transition time will be between 1-3 seconds. If the temperature falls to between -5°C and 5°C (23°F and 41°F), this transition time can increase to up to 20 seconds. This can be reduced when the cabin interior temperature increases above 5°C (41°F).

High temperature

If the temperature of the roof control module gets too high it will prevent the transition function to protect the system. Functionality will be restored when the interior temperature of the cabin is reduced, such as with the vehicle Air Conditioning system.

Low Temperatures

If the temperature of the glass falls below -5°C, the transition time will be greatly increased. This will be reduced as the temperature of the cabin is increased.

ASTON MARTIN

Controls

Instrument Cluster 4.2
Information and Warning Symbols 4.4
Centre Stack Controls 4.6
Ignition Control 4.6
Stalk Controls 4.8
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Master Lamp Switch 4.10
Trip Computer 4.11
Tire Pressure Monitoring 4.12
Cruise Control 4.14
Ambient Temperature 4.16

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

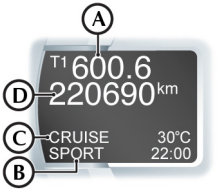
[2] SPEEDOMETER: Shows vehicle road speed.

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

- **Vehicle Speed:** Shows the vehicle road speed in a digital format.
- **Gear Range:** Shows the transmission position and current gear selection. Possible transmission positions and gear selection are in bold.

[4] GEAR POSITION INDICATOR : Shows the current transmission position when in **Auto Transmission** mode and the current gear selection when in **Touchtronic** mode (Refer to 'Automatic Transmission', page 5.4).

[5] MESSAGE CENTRE (RIGHT): 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*** (E) 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.
- **Cruise Status (C):** Shows CRUISE when cruise control is ON (Refer to 'Cruise Control', page 4.14).
- **Odometer (D):** Shows the total distance covered by the vehicle.

- **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 (F).

- **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.

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

[9] T1/T2: Shows distances travelled since last reset of trip meters T1 and T2.

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 in the message centre.

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

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, 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.

[1] LOW FUEL WARNING: Comes ON when only approximately 13 ltr / 3.5 gal of fuel or 80 km / 50 mile distance is available. At 13 ltr / 3.5 gal / 80 km / 50 mile and 7 ltr / 1.8 gal / 40 km / 25 mile an audible 'beep' will sound and the 'estimated distance' message will show (for 20 seconds) in the message centre. The arrow head shows which side of the vehicle the fuel flap is.

[2] LEFT TURN INDICATORS: Flashes with the indicator or hazard warning lamps (Ignition ON).

[3] HEADLAMPS: Shows that the main beam of the headlamps is in use.

[4] SIDE LAMPS: Shows that the side lamps, dip or main beams are ON.

[5] CHECK ENGINE:

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

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.

[8] SUPPLEMENTARY RESTRAINT SYSTEM:

⚠ Warning: Do not drive the vehicle if the Supplementary Restraint System (SRS) warning symbol stays ON. Have the system checked by an Aston Martin Dealer.

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.

[9] SEAT BELT WARNING:

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

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 (market dependant).

[10] DYNAMIC STABILITY CONTROL: When Dynamic Stability Control (DSC) is ON this symbol will flash when the DSC system is operating. 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. Consult your Aston Martin Dealer as soon as possible.

[11] TIRE PRESSURE: If this symbol stays ON or comes ON while driving, a tire(s) air pressure is below specification.

[12] ABS WARNING:

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

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] BRAKE WARNING:

⚠ 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.

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.

[14] WARNING TRIANGLE: Shows red or amber depending on the warning or information message priority.

[15] REAR FOG LAMP: Shows if the rear fog lamps are ON.

[16] RIGHT TURN INDICATORS: Flashes with the indicator or hazard warning lamps (Ignition ON).

[17] IMMOBILIZER STATUS: When the immobilizer is on, this symbol flashes continuously (Refer to 'Immobilizer', page 2.9).

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

Engine Oil Level Sensing

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

This vehicle has an electronic engine Oil Level Sensing (OLS) system which records the engine oil level every vehicle start if the vehicle has been left for 4 or more hours, if the vehicle is on level ground, and if it is within a pre-set oil temperature range.

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

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

For the correct engine oil refer to Fluids and Capacities (Refer to 'Fluids and Capacities', page 12.3).

If the engine oil level is approaching the minimum mark the message OIL LEVEL WARNING CHECK AND TOP UP will show in the message centre along with an amber warning triangle and a chime sound. A code will also be stored in the engine management system. The engine oil level is low and should be checked and filled to the required level engine oil as soon as possible. (Refer to 'Fluid Levels', page 11.7)

The message will clear when the oil level is filled with a least 1 litre / quart to the required level **and** the OLS system has performed a valid check of the oil level.

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 4.6).

[3] TRANSMISSION CONTROLS: Park (P), Reverse (R), Neutral (N) and Drive (D) transmission controls (Refer to 'Automatic Transmission', page 5.4).

[4] CLIMATE CONTROLS: Sets the required vehicle and seat temperatures (Refer to 'Climate Controls', page 7.2).

[5] PASSENGER AIRBAG STATUS: (Market Specific) Shows the passenger airbag status (Refer to 'Front Passenger Sensing', page 3.13).

[6] PHONE AND SATELLITE NAVIGATION: Select phone and satellite navigation functions and move back in the menus.

[7] MAIN MENU AND AUDIO SETTINGS: Select radio, audio sources and menu options.

[8] JOYSTICK/ENTER: Rotate to navigate through screens and list. Press to select an item or option (referred to as ***ENTER*** throughout this handbook).

[9] ON/OFF/VOLUME: Press to switch the Infotainment system ON and OFF. Rotate to adjust the volume control.

[10] LAUNCH CONTROL: Press to accelerate smoothly and as fast as possible from a standing start point.

[11] DYNAMIC STABILITY CONTROL: The Dynamic Stability Control (DSC) system defaults to ON at each ignition ON. Press and hold for four seconds for track mode. Press and hold again for four seconds to set DSC to OFF. Press and release to set DSC ON again.

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

[13] ELECTRO-CHROMATIC ROOF: Press to set the roof to dark or clear (Refer to 'Electro-chromatic roof', page 3.21).

At ignition on, the roof will be set to the last state it was in when the ignition was set to off.

Ignition Control

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

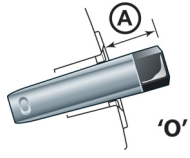
⚠ Warning: Only use the vehicle key in the ignition control. Do not place any objects, including fingers, into the ignition control other than the vehicle key. Objects other than the vehicle key may cause the ignition control to fail.

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

Position ‘0’ (Ignition OFF)

Auxiliaries OFF (infotainment centre consisting of audio, satellite navigation and hands-free phone 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 / 0.75 inch (A) then release. The key is docked at this point.



Remove by pulling the vehicle key from the ignition control.

Preventing Unnecessary Battery Drain

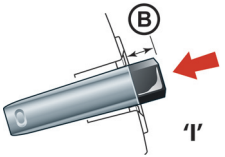
If the vehicle key is left in the ignition control (position ‘0’), some vehicle circuits will stay ON and unnecessary current will be drawn from the battery.

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

Position ‘I’ (Ignition OFF and Accessories ON)

Auxiliaries OFF (infotainment centre consisting of audio, satellite navigation and hands-free phone available), steering lock ON. Seats can be adjusted.

- If already in position ‘0’ gently press the key until the infotainment centre and the instrument cluster lamps come ON, a further 10 mm / 0.4 inch (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.

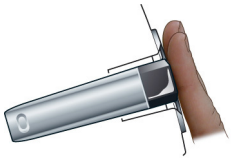
Remove by pulling the vehicle key from the ignition control.

Position ‘II’ (Ignition ON)

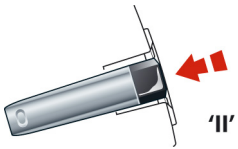
Ignition and all other electrical systems ON, steering lock OFF.

Do not press the brake pedal down unless intending to start the engine.

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.

To start the engine from this position fully press the brake pedal down and press the key fully in (Refer to 'Starting the Engine', page 5.3).

To remove the vehicle key from position 'II' press the key fully in **twice** (do not apply the brake pedal) and release. The key will gently return to position 'I'. Pull the key from the ignition control. Once in position 'I' after 10 seconds the steering lock will engage.

*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.*

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 2.8).

Trip Computer: Repeated pressing of the trip function button (A) moves through the trip computer displays (Refer to 'Trip Computer', page 4.11).

Right Side Stalk

Windscreen Wiper Control:

[1] : OFF.

[2] : Automatic Wipe.

[3] : Normal Speed Wipe.

[4] : Fast Wipe.

Demand Wipe: Pull the stalk forwards.

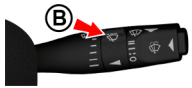
The windscreen wipers will return to their park position if the ignition is set to OFF or the hood is unlatched, regardless of the right stalk position.

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

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

As soon as the vehicle speeds up (above 15 km/h / 9 mph) the wipers will return to their original setting.

Automatic Rain Sensor Wiper Control: Automatic rain sensor wiper control increases or decreases the sensitivity in six steps (B). Sixth position (where the arrow is set to the bottom marker) gives the least sensitivity.



Switching from OFF to automatic wiper results in a single wipe to acknowledge that the wiper control is now automatic.

If the automatic rain sensor wiper control is not functioning correctly, check that the sensor located at the top of the windscreen is clean and clear of debris or dirt.

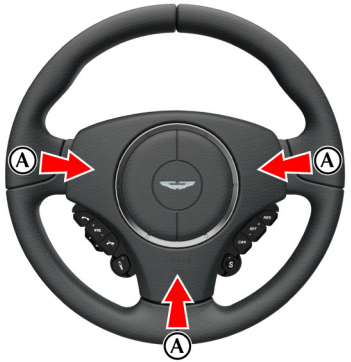
Windscreen Washer Control: Press the button (C) for more than one second to operate the windscreen washers. Operation continues until the button is released. When released the washers stop immediately but the wipers continue for a few strokes, ending with a pause and then a final wipe.

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.

Vehicle Horn

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

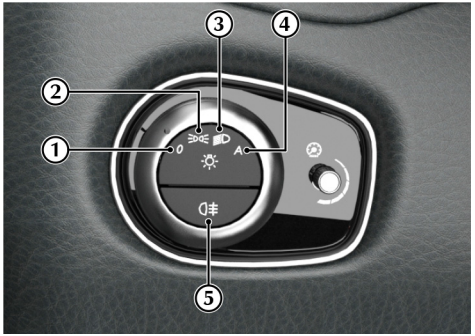


Optional

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

Master Lamp Switch

Turn the dial to the required light setting or press the fog lamp button.



[1] OFF: All external lamps OFF.

[2] SIDE LAMPS: Side, side marker, rear and registration plate lamps ON.

[3] MAIN LAMPS: Headlamps ON, in addition to the side, side marker, rear and registration plate lamps.

[4] AUTO LAMP: If ambient light fades the side, side marker, rear and registration plate lamps and headlamps will switch ON automatically. If ambient light then increases, the side, side marker, rear and registration plate lamps and headlamps automatically go OFF. Automatic lamps are market specific.

The automatic headlamp function features an internal timer that starts when the lamps are turned on. This prevents the lamps from rapidly changing between on and off if situations where ambient light can rapidly change, such as driving between buildings. The headlamps may show a small delay between when a suitable amount of ambient light is detected, and the lamps turning off.

A light sensor at the top of the windscreen monitors ambient light levels for automatic lamps operation. Keep the windscreen clean and make sure that the sensor is not obscured. Obstructing the light in this area may lead to unwanted operation of the automatic lamps.

Main Lamps and Auto Lamps only operate when the vehicle key at position 'II' in the ignition control.

[5] FOG LAMP: Sets the rear fog lamp ON or OFF. 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 driver's 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

(Canada only)

The dipped beams and side lamps are permanently ON.

Instrument Brightness

During darker hours, a twilight sensor, located at the top of the windscreen, automatically reduces the brightness of the instrument cluster to a preset level.

During the daylight hours the level of instrument brightness defaults to maximum brightness. If the twilight sensor is covered then the level of brightness will stay low as if in night time mode.

If the master lamp switch is OFF then the instrument brightness will always be in daylight mode, unless altered manually.

Use the rotary control (1) to adjust the instrument brightness. Push the rotary control in and release to enable the control. Push back in and release to lock the control.

Trip Computer

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

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: Shows the estimated travel distance with fuel available (no reset). When there is no available fuel, then '- - - - -' is shown.

Average Fuel and Instantaneous Fuel: Shows the fuel consumption over the last three seconds of travel (no reset).

Also shows the average fuel consumption since the last reset. This is indicated by the **Ø** average symbol.

Press the ***TRIP*** button (A) for four seconds to reset the average fuel consumption. Press the ***TRIP*** button (A) for five seconds or more to reset both the average fuel consumption and average speed. **INFO CENTER IS RESET** is then shown in the message centre. This message disappears after a few seconds. If not, press the ***READ*** button to acknowledge the message.

Average Speed: Shows the average speed since last reset. This is indicated by the **Ø** average symbol.

Press the ***TRIP*** button (A) for approximately four seconds to reset. Press the ***TRIP*** button (A) for five seconds or more to reset both the average speed and average fuel consumption. **INFO CENTER IS RESET** is then shown in the message centre. This message disappears after a few seconds. If not, press the ***READ*** button to acknowledge the message.

Tire Pressure Monitor: Shows the current tire pressure for all tires (Refer to 'Tire Pressure Monitoring', page 4.12).

Digital Speedometer Location

The digital speedometer can be displayed in either the left or right message centre depending on preference. All information in the opposing message centre moves to the other message centre side accordingly. To change the digital speedometer location, do the following:

Press **MENU** and navigate to *<Car Settings...>* and select *<Digital Speedometer...>*. Select *Left* or *Right* to select the relevant message centre and press ***ENTER*** to confirm.

Message Centre Clock

The message centre clock is shown in the opposite message centre to the digital speedometer. The clock is shown in either 24 hour or 12 hour display. To change the time format, do the following:

Press **MENU** and navigate to *<Car Settings...>* and select *<Clock Format>*. Select *24* or *12* to select the relevant time format for the clock and press ***ENTER*** to confirm.

Display Units

The units shown in the instrument cluster and infotainment system can be set in the *System Settings* menu.

From the *MAIN MENU*, select *<SYSTEM SETTINGS>*, then *<Units>*. Select from:

- *<Distance units>*
- *<Temperature units>*
- *<Power Units>*
- *<Torque Units>*

Distance Units

Select the *Miles* or *Kilometres* check box and press ***ENTER*** to confirm.

Temperature Units

Select the **°C** or **°F** check box and press ***ENTER***.

Power Units

Select the *BHP*, *PS* or *Kw* check box and press ***ENTER*** to confirm.

Torque Units

Select the *LbFt* or *Nm* check box and press ***ENTER*** to confirm.

When the units are changed, the ranges on the power meter will also update to suit the new units.

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

Each tire should be checked at least once every two weeks when cold, and inflated to the pressure recommended by the vehicle manufacturer on the Tire and Loading Information placard or the tire pressure label. If your vehicle has tires of a different size than the size indicated on the Tire and Loading Information placard or the tire pressure label, you should determine the proper tire pressure for those tires.

Tire Status Screen

A tire status screen can also be viewed in the infotainment system which gives a larger display showing tire pressure and tire temperature. The tire status screen will also show the same warnings as the TPMS system in the message centre. However, the tire status screen will not automatically be displayed in the event of a tire warning. (Refer to 'Tire Status', page 6.6)

Tire Pressure Indicator

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS) that illuminates a low tire pressure telltale when one or more of your tires is significantly under-inflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

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

Malfunction Indicator

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.

When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

Operation

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

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

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

Warning One

TPMS Indicator Symbol

Constantly on.

Message Centre

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

Fault

Tire pressure below or above specification.

Action

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

Warning Two

TPMS Indicator Symbol

Flashing for 80 seconds then constantly on.

Message Centre

TIRE SYSTEM FAULT (for four seconds) followed by an image that shows the current tire pressures and which transmitter is at fault.

Fault

System failure or tire transmitter fault.

Possible Cause

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

Action

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

Cruise Control

Cruise control can be used to maintain a selected vehicle speed (between 30 - 250 km/h / 18-155 mph) without having to use the accelerator.

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

[2] SET: Sets cruise control to ON and sets the speed. Press either + or - to increase or decrease the set speed.

[3] 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.

Press and hold the ***SET*** (+ or –) button to switch cruise control ON. When cruise control mode is ON, 'CRUISE' will show in the message centre.

When travelling at the desired speed, which must be above 30 km/h / 18 mph, press the ***SET*** (+ or –) button. Cruise control will then engage and maintain that speed without the need to use the accelerator pedal. 'CRUISE - SET' will show in the message centre.

📖 *Under certain conditions cruise control will automatically set to OFF (Refer to 'Cruise Control Automatic OFF', page 4.16).*

📖 *Cruise control will automatically disengage when the brake pedal is pressed or when the vehicle speed falls below 30 km/h / 18 mph.*

Changing the Set Speed

There are three ways to change the set speed:

- Accelerate or decelerate to the desired speed then press the ***SET*** (+ or –) button.
- Accelerate or decelerate to the desired speed by pressing and holding the ***SET*** (+ or –) button until the desired speed is obtained, then release.
- Accelerate or decelerate to the desired speed in steps of 2 km/h / 1 mph by briefly pressing and releasing the ***SET*** (+ or –) button 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 / 18 mph.* ***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 the ***CAN*** button is pressed, or the brake pedal is pressed, cruise control will disengage but the set speed memory will be kept. Press the ***RES*** button 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.
- The ***CAN*** button is pressed and held for a few seconds.
- A fault occurs. The cruise control system will set to OFF and cannot be used until the fault is cleared.

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

- The ***CAN*** button is pressed once briefly.
- The park brake is applied.
- The brake pedal is pressed.
- Vehicle speed falls below 30 km/h / 18 mph.
- If DSC is active.
- Neutral, Park or Reverse gear positions are selected.

Ambient Temperature

The ambient temperature (outside temperature) is shown in the bottom 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.

The display units can be changed between °C to °F (Refer to 'Display Units', page 4.12).

Driving

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Driving Safety

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

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.

Driving Techniques

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.

Driving behaviour, such as avoiding aggressive driving, travelling at lower speeds, correctly inflating tires, reducing periods of idling and not carrying excessive weight, will improve fuel consumption and reduce CO2 emissions.

Performance Driving Courses

Performance driving courses are available to enable you to fully understand the control functions of your vehicle and also the basic principles of performance driving. Contact your Aston Martin Dealer for further information.

Track Days

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

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/900miles.

Wet Conditions

When driving in wet conditions, water can build up under your tires so that they ride on a layer of water. This is called aquaplaning or hydroplaning. When this happens, you have little or no control. Aquaplaning is more prone to happening at higher road speeds if there is a lot of water on the road and particularly if the tires are also under inflated or approaching minimum tread depth.

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

Slow down when it is raining.

Driving Through Deep Water

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

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. Always proceed with extreme caution, especially when the depth is not known.

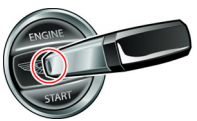
When driving through water, traction or brake capability may be limited. Once through the water, always dry the brakes by driving slowly while applying light pressure on the brake pedal.

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

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.

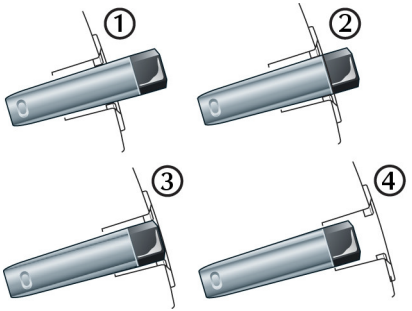
In extreme low temperatures (-20°C and below) do not allow the engine to 'rev' above 4000 rpm, while at standstill or when moving off, until the coolant temperature gauge reaches normal operating temperature. Revving the engine before fully warmed up may cause severe engine and transaxle damage.

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 of the key first may damage the ignition control.

Ignition Sequence



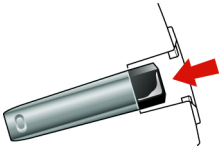
[1] : Position '0' (Ignition OFF)

[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 and release.

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

When starting the engine the vehicle system will take a 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, remove 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 7,000 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.

The automatic transmission has two drive modes.

Auto Transmission Mode

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

While in auto transmission mode, move to touchtronic mode at any time by pulling back on either the upshift or downshift paddles, mounted behind the steering wheel. As a paddle is pulled back a gearshift will occur, which will be an upshift or downshift according to which paddle is pulled.

Kick-Down

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

Touchtronic Mode

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

While in touchtronic mode, move to auto transmission mode at any time by pressing the ***D*** button, or by pulling and holding the upshift (+) paddle until drive mode is selected.

Select Neutral by pulling on both the upshift and downshift paddles at the same time.

*Neutral can also be selected by pressing the **N** button.*

[1] PARK: Press and release to select park once the vehicle is stationary. The transmission will mechanically lock. If the vehicle key is moved to position '0' or removed from the ignition control while the vehicle is at a standstill, the transmission will automatically select park.

Always make sure that the park brake is ON.

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

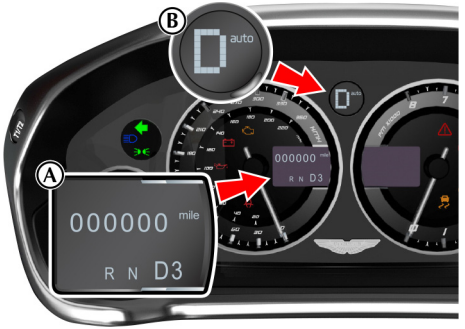
[2] REVERSE: When stationary and with the footbrake applied, press and release to select Reverse. When reverse is selected, ***R*** will show red in the Gear Position Indicator Display (GPID) (B) and a warning will be heard.

[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 will show PRESS BRAKE PEDAL and a warning will be heard.

The left message centre (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. While in auto drive mode the GPID will show 'auto'.



Vehicle Rocking Motion

If the vehicle speed is less than 4 km/h, reverse may be selected from 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 / 3 mph is exceeded then the transmission will automatically select Neutral.

Touchtronic 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 PRND buttons.

[1] : Downshift paddle.

[2] : Upshift paddle.

📖 *Neutral can also be selected by pressing* ***N***.

Forward gear changes using the paddle pull function can only be selected when the vehicle is in drive mode.

A paddle pull from Park or Neutral is not allowed.

If no gearshift has been requested by pulling back on a paddle, upshifts and downshifts will occur automatically if the engine speed rises or lowers to its maximum or minimum operating limits. This does not occur if the transmission is in sport mode (Refer to 'Sport Mode', page 5.6).

If driving in a high gear, pull and hold the downshift paddle to select the lowest available gear. For example, if in sixth gear then second gear is selected.

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

When in touchtronic mode, pull back on the upshift paddle for more than two seconds to move to auto drive mode.

The message centre shows the actual gear currently selected R, D1, D2, etc. The GPID also shows the current gear selected but may show the target gear when a gearshift is in progress (either 1, 2, 3, 4, 5, 6, 7, 8, R or P). The GPID will show 'touch'.

Gear Shift Indicator

The message centre also shows the current gear selected with an up or down arrow and shows the next gear when it needs selecting to obtain better fuel economy. For example, when in third gear and fourth gear needs selecting **3 ^ 4** is shown in the message centre.

Sport Mode

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

When Sport mode is ON while in:

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

Touchtronic Mode: 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 touchtronic sport mode, the current gear, shown in the GPID, will flash red at the optimum time to make an upshift.

Automatic upshift from first to second gear occurs in auto mode and touchtronic mode.

Keep Sport Mode

When the ignition is set to OFF, sport mode will reset to OFF. This is the default setting.

If you would like sport mode to be ON when the ignition is set to ON, complete the following procedure: Press ***MENU***. Navigate to *<SYSTEM SETTINGS>* and select *<Keep sport mode>*. Press ***ENTER*** to set *<Keep sport mode>* to ON or OFF.

Limp-home Mode

If a fault is detected the vehicle will go into one of three limp home modes:

Electrical: GEARBOX FAULT REDUCED FUNCTION will show in the message centre. Touchtronic and sport modes will be disabled. Gearshifts will still be possible but shift quality will be degraded.

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

Contact your Aston Martin Dealer.

Reduced Engine Performance: REDUCED ENGINE PERFORMANCE will show in the message centre. Engine performance will be restricted. Contact your Aston Martin Dealer.

Mechanical: LIMPHOME NO GEAR CHANGE POSSIBLE will show in the message centre and a warning sound will be heard. If travelling forwards in auto drive or touchtronic mode the vehicle will go into sixth gear.

Do not attempt to change gear position while in mechanical limp home mode. If a gearshift request is detected at a speed below 20 km/h / 13 mph the engine will stop and the parklock will come ON.

At a speed above 20 km/h / 13 mph the request and any other transmission request will be rejected and the vehicle will continue in third or fifth gear.

If entering mechanical limp home mode in any position other than auto drive or touchtronic mode the parklock will come ON. Contact your Aston Martin Dealer.

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.

The high performance brake system used on this vehicle is designed to provide optimal braking under all operating conditions. However, an inherent characteristic of this braking system is some brake noise. Certain combinations of speed, braking forces and ambient conditions may also cause the brakes to squeal.

Ceramic Brake Rotors

⚠ 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 your 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 rotors will depend on driving style and usage conditions. Track day usage will increase the rate of wear of rotors and pads.

Brake Throttle Override

If the throttle and brake pedals are both pressed at the same time for over 3 seconds, the engine will restrict available torque. Normal functionality will return when the throttle pedal is pressed without the brake pedal.

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.

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.

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 tire 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 tires are prevented from contacting the road surface by a layer of water).

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

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

ABS Warning

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

ABS is monitored for correct operation while the ignition is ON. If a fault is detected, the ABS warning symbol (ABS) 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.

! Always fully apply the park brake before leaving the vehicle.

To Apply the Park Brake

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

To show that the park brake is applied the brake warning symbol on the instrument cluster will come ON (if the ignition is ON).

To Release the Park Brake

Press the footbrake pedal firmly down. Keep the pedal pressed down and pull the park brake lever up until resistance is felt. Pull up against the resistance and press the release button. Keep the button pressed and push the lever down. If the park brake lever is not fully OFF, the brake warning symbol will stay ON.

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

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

- If the vehicle is parked on a hill and facing uphill, turn the steering wheel away from the kerb.
- If the vehicle is parked on a hill and facing downhill, turn the steering wheel towards the kerb.

Dynamic Stability Control

Warning: It is the driver's 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 tires are at the limits of their grip capabilities. This is achieved through the reduction of engine torque and strategic application of the brakes at individual wheels.

Driver Interface and Control

If repair or replacement of the steering or other surrounding equipment is necessary, always refer to your Aston Martin Dealer. There is a sensor in the steering system which detects steering angle. If the centre position of the steering deviates, the DSC system may not operate correctly.

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

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

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. 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: From 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. 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.

In Track mode or OFF, the DSC button LED will come ON and the amber warning triangle will be shown in the instrument cluster.

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 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
- 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 DSC 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.

Launch Control

Launch control allows the vehicle to accelerate smoothly and as fast as possible from a standing start point. It helps to avoid wheel spinning, over-revving of the engine, and potential clutch and gearbox problems, therefore providing the most effective 'launch'.

To activate launch control:

1. The vehicle must be stationary with the engine running and in drive mode. The park brake must be off.
2. Move the steering wheel from side to side, and then put the vehicle and steering wheel in a straightforward position.
3. Firmly press the footbrake while at the same time pressing and holding the launch control button (A).

4. When launch control is successfully activated, the launch control button (A) is illuminated and the message LAUNCH CONTROL ACTIVATED is shown in the message centre. Sports mode is also selected if the vehicle is not already in sport mode. A red L is shown in the instrument cluster only whilst in active launch.

Adaptive Damping

5. If not successful, then PRESS BRAKE PEDAL appears in the message centre. Press the brake pedal harder.
6. After releasing the brake pedal, there is a 2-3 second time period to accelerate before the launch control mode is cancelled. If unsuccessful, then repeat the previous steps again.
7. After successfully driving off using launch control, the system deactivates the launch control mode as soon as less pressure is detected on the accelerator, or second gear is reached or selected.

📖 *Launch mode can be cancelled by pressing the launch control button again or driving off normally without accelerating hard.*

The Adaptive Damping System (ADS) is continuously ON, adjusting the damping characteristics at all four corners, according to vehicle body movement and monitored driver inputs. Sensors on the vehicle constantly measure the vehicle body movement and driver inputs – braking, steering, vehicle speed and throttle displacement. This information is then supplied to the ADS control unit which calculates the optimal damper characteristic at each corner at any given moment.

📖 *ADS is independent of the Dynamic Stability Control (DSC) system.*

ADS has three modes of operation:

Normal Mode: This mode gives damping characteristics for everyday driving (button LED OFF).

Sport Mode: Press the ADS button (A) to start sport mode, which gives damping characteristics for a firmer ride.

To move back to normal mode (button LED OFF), press and release the ADS button. A message on the console confirms the damper mode has been switched.

Track Mode: Press and hold the ADS button (A) for more than 1 second to start track mode (button LED FLASHES) which provides damping characteristics suitable for track driving.

To move back to normal mode (button LED OFF), press and hold the ADS button for more than 1 second. To move back to sport mode (button LED ON), press and release the ADS button. A message on the console confirms the damper mode has been switched.

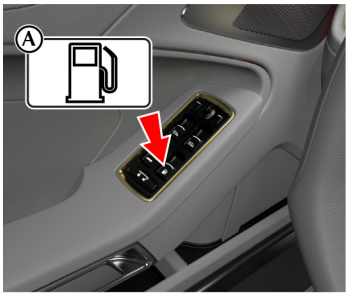
📖 *When the ignition is switched off, the system latches to the last selected damper mode upon restarting.*

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 with the electric window switches in the door. If the filler flap will not open when the release button is pressed, use the fuel filler flap emergency release.

Open the fuel flap by pressing the fuel flap release button (A) located in the driver's footwell to open the capless fuel filler flap (B). If the filler flap will not open when the release button is pressed, use the fuel filler flap emergency release.



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.

Emergency Fuel Fill

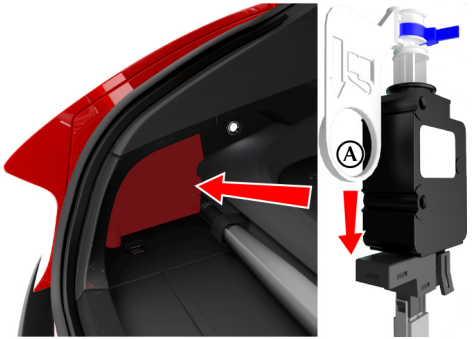
An emergency fuel fill funnel is located in the trunk tool kit. It can be used to fill the fuel tank from a fuel can.

Fuel Filler Bowl

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, the filler flap can be opened manually. Reach through the left side trunk trim to access the manual fuel filler flap release. Pull the lever (A) 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 converters convert harmful exhaust gasses into less noxious substances and so reduce environmental pollution. They operate at high temperatures and continue to radiate a considerable amount of heat after the ignition has been set to OFF.

Reversing Camera

Warning: The parking camera does not replace the need for total vigilance and caution when parking or reversing.

It is always the driver's responsibility to detect obstacles and estimate the vehicle's distance from them. When parking or reversing make full use of rearward and forward 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 lens in the rear bumper should be kept free from ice, frost and grime.

When using a high pressure spray the parking camera lens should only be sprayed briefly and not from a distance of less than 600 mm/ 24 inches. Do not clean the camera lens with abrasive materials.

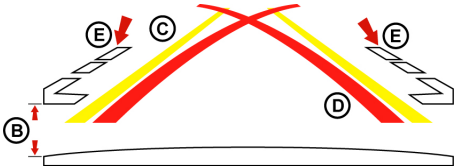
To assist in vehicle parking, two cameras are used. One mounted in the front bumper and one above the rear registration plate. When reverse gear is selected the rear camera view is automatically shown on the infotainment screen.

If the infotainment screen is ON when reverse gear is selected the screen will show the camera view until reverse gear is deselected. When reverse gear is deselected the screen will continue to show the camera view for approximately ten seconds or when the vehicle reaches a speed of 16 km/h / 10 mph (which ever is sooner), then return to the infotainment screen.

If the infotainment screen is OFF the screen will raise when reverse gear is selected and lower when reverse gear is deselected.

Camera Operation

(Rear Camera Only)



The camera overlay shows the fixed movement angle of the rear of the vehicle with the road wheels on full lock (D) red lines and the actual movement of the vehicle road wheels (C) yellow lines. As the steering wheel is turned the yellow lines will show the predicted vehicle movement.

The outer edge of the two markers (E) show the width of the vehicle including the mirrors.

The distance from the beginning edge of the two markers (E) to the rear of the vehicle is 300 mm / 12 inches (B).

ASTON MARTIN

Infotainment

Infotainment Controls....6.2
Infotainment System....6.2
Infotainment Personalisation....6.3
Bluetooth Pairing....6.4
Vehicle Status....6.5
Apple CarPlay....6.7
Android Auto....6.8

Infotainment Controls

[1] DISPLAY: Shows options, menus and information.

[2] VOLUME/ON/OFF: Volume control. Press to mute the audio system. Press and hold to turn the infotainment screen on or off.

[3] PHONE: Press to open the phone menu.

[4] NAV: Press to open the navigation menu.

[5] BACK: Move back in a menu or cancel a selection.

[6] MENU: Opens the main menu.

[7] RADIO: Press to navigate through radio bands.

[8] SOURCE: Press to select audio sound sources

[9] ENTER: Press to confirm selection of an item or option.

[10] JOYSTICK: Use to navigate in menus.

Infotainment System

The infotainment system provides control over a number of systems in the vehicle. These systems include:

- Parking Cameras
- Satellite Navigation
- Audio Media
- Hands-free Phone
- Tire Pressure Monitoring
- Vehicle Power Output Displays

Several menu options require a tick in a box to select an option. Once the menu item is highlighted press ***ENTER*** to either check or uncheck the box. Press ***BACK*** to accept and return to the main screen.

In this chapter when asked to 'Press' a button, this means 'Press and release'. When this is not the case it will be clear in the text.

*When asked to press **ENTER**, this means press the centre of the joystick.*

Using the Controls

The console has touch sensitive glass surface buttons. The button area vibrates (haptic feedback) to acknowledge that the system recognizes that the button has been pressed. To turn the haptic touch feedback on or off when pressing the buttons, access the *SYSTEM SETTINGS* menu and select *Centre Stack*.

Turn the joystick to access different menus. Press the joystick to confirm a menu selection (this is also referred to as ***ENTER***).

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.

*Pressing the **RADIO** or **SOURCE** buttons changes 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 there is no working media application, one short press will start playback of the previous media source. If the navigation application is OFF, the 'Now Playing' screen of the media source is shown. If the navigation application is ON, the current screen stays shown and the audio source works in the background.

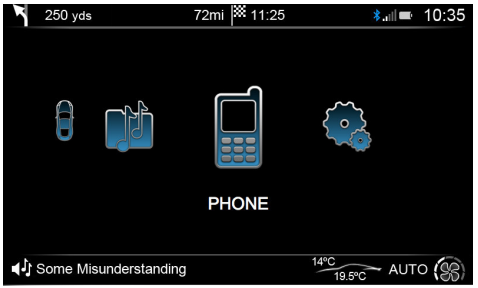
ON/OFF: Long Press and Release

One long-press and release sets the screen to ON / OFF and raises or lowers the screen accordingly.

Operation

When the infotainment system is switched ON, the screen rises from the console to display an Aston Martin welcome screen and model name.

The welcome screen fades to display the main menu. At any time while the infotainment system is ON press ***MENU*** to view the Main Menu screen.



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

- Reverse Camera
- Vehicle Status
- Navigation
- Audio
- Phone
- Apple CarPlay
- Android Auto (where available)
- System Settings

The infotainment screen can be personalized in *SYSTEM SETTINGS* with a choice of display languages, background images and display icon colours.

Colour Settings

To change the display colours in *SYSTEM SETTINGS* select *<Appearance>* then *<Colour Settings>*. Select from:

- Flugplatz Blue
- Volcano Red
- Cinnabar Orange
- Sunshine Yellow
- Appletree Green
- Lightning Silver
- Transparent

Image Settings

To change the display colours in *SYSTEM SETTINGS* select *<Appearance>* then *<Image Settings>*. Select from:

- Carbon Fibre
- None
- Highlight
- Water Droplets
- Leather
- Cedar
- Sand

Language

Setting an infotainment language will also set the navigation voice language if one is available. The navigation voice language can be set independently from the infotainment in the navigation settings menu.

To change the display colours in *SYSTEM SETTINGS* select *<Language>*:

- English (UK)
- English (US)
- French
- Spanish
- German
- Italian
- Japanese
- Russian
- Arabic
- Swedish
- Czech
- Polish
- Chinese (Simplified)
- Chinese (Traditional)
- Greek

Bluetooth Pairing

A mobile phone, tablet or other device[1] can be connected using Bluetooth®[2] wireless technology for hands-free call functions and to stream music to the infotainment system.

Mobile phones must support A2DP Bluetooth® wireless technology. All streaming features are mobile phone and network dependent.

1. Bluetooth® devices will be referred to as 'phone' or 'mobile phone' in this manual.
2. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks by Aston Martin is under license. Other trademarks and trade names are those of their respective owners.

Device Pairing

Use this procedure when pairing a mobile phone to the infotainment system.

Press ***PHONE*** and select *ADD A NEW HANDSET*. Press ***BACK*** to cancel. Press ***ENTER*** to continue.

Follow the mobile phone manufacturer's instructions to search and connect to a new Bluetooth® wireless technology device. The phone will search for discoverable Bluetooth® wireless technology devices in its range.

Select *Vanquish Zagato* from the device list.

If Vanquish Zagato does not show then check that the infotainment system is ON and search again

Follow the instructions shown on the phone and the display to pair the phone.

Once synchronising has completed the mobile phone is ready for use with the vehicle audio and hands-free system. The vehicle will also request access to call history and messages.[1]

To add more devices when a device is already connected, press ***PHONE*** and then navigate to *BT Devices* to open the device manager. Select *ADD A NEW HANDSET* and follow the above steps to add an additional device.

⚠ Warning: Failure to avoid potentially hazardous situations could result in an accident or collision resulting in death or serious injury.

⚠ Warning: The vehicle status screens are intended for track only. It is the driver's responsibility to use these features in a responsible manner. Always use your best judgement, and operate the vehicle in a safe manner. Minimize the amount of time spent viewing the screen while driving and always be fully aware of all driving conditions.

⚠ Warning: Do not allow yourself to become distracted and minimize the amount of time spent viewing the screen while driving and always be fully aware of all driving conditions.

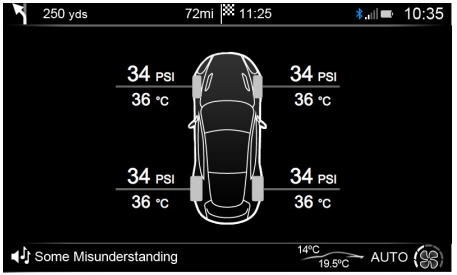
Display Units

To change the units shown on the vehicle status screens (Refer to 'Display Units', page 4.12).

1. Dependant on phone model and software.

Tire Status

The infotainment display can show a tires status screen which shows tire pressure and temperature on a larger display. To show the tire status screen, navigate to *<VEHICLE STATUS>* and select *<Tire Status>*.



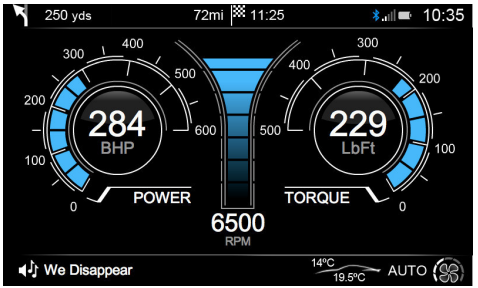
*The tire status screen is to be used as a visual support for the TPMS indicator in the message centre. If the tire status screen is not selected in the infotainment screen and a tire fault does occur, warnings will **only** appear in the message centre.*

Tire temperatures are indicative only and can vary with driving conditions and should not be used to assess the condition of a tire. Always use the tire pressure to check for correct inflation and visual inspection for tire condition.

Power Meter

⚠ The power meter is intended for track use only.

The infotainment system is able to show vehicle's engine power and torque as a live updated display. To show the display, navigate to *<VEHICLE STATUS>* and select *<POWER METER>*.



The screen will show both power and torque along with engine speed. On the power and torque dials there will be two readings:

[1] LIVE VALUE: Instant values as read from the vehicle. Shown in selected infotainment display colour (Refer to 'Infotainment Personalisation', page 6.3)

[2] PEAK VALUE: Peak values are shown in grey. These values are removed:

- After 8 Seconds.
- When value is exceeded and a new peak value is reached.

Indicated values may differ from quoted manufacturer figures due to a number of driving environment differences such as, but not limited to, temperature, altitude, air density and engine load and, as a result, accuracy of data is not warranted. Any differences in values should not be taken as an indication of an engine not performing correctly.

Apple CarPlay

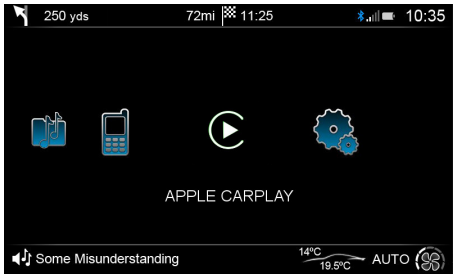
Apple CarPlay is a smarter way to use your iPhone or other compatible Apple device in your vehicle by using the vehicle infotainment screen. When connected, the infotainment system can be used to make calls, send and receive messages, view navigation and listen to music.

Not all features of Apple CarPlay are available in all regions. For a complete and up to date list of features and region availability, refer to the Apple website in your region.

By using Apple CarPlay, you acknowledge the following: Apple CarPlay is a service provided by Apple Inc. under its terms and conditions. Aston Martin Lagonda is not responsible for Apple CarPlay or its applications. When using Apple CarPlay, certain information from your vehicle (such as its position) is transferred to your iPhone.

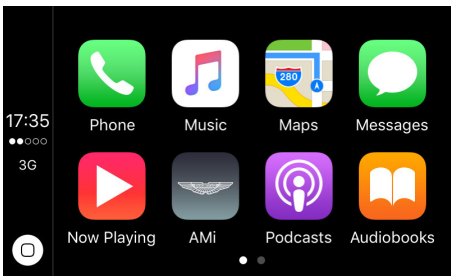
Initial Connection

1. Connect the iPhone to the CarPlay USB port with a suitable cable.
2. Navigate to the ***CARPLAY*** icon on the main menu of the phone and press ***ENTER***.
3. The Apple CarPlay menu will now open.



To begin Apple CarPlay, select the ***CARPLAY*** icon from the *Infotainment* menu and press ***ENTER***.

The Apple CarPlay menu will then open.



Apple CarPlay Controls

Whilst in the Apple CarPlay system, use the ***JOYSTICK*** to navigate the menus and ***ENTER*** to select items.

Information about which apps are supported and which phones are compatible is available on Apple's Website www.apple.com/ios/carplay.

To exit CarPlay and return to the vehicle menu select the *AMi* app in the CarPlay menu and press ***ENTER***. The ***MENU*** and ***RADIO*** buttons will also function as normal and perform their functions outside of CarPlay.

Whilst Apple CarPlay is connected:

- The ***NAV*** button will open the *Maps* function in Apple CarPlay[1].
- The ***PHONE*** button will open the *Phone* function in Apple CarPlay.
- The ***SOURCE*** button will open the *Now Playing* function in Apple CarPlay.

The PHONE function and second USB port are all disabled when Apple CarPlay is in use. Devices connected to the vehicle with Bluetooth or USB will not be available when Apple CarPlay is active.

Android Auto is not available if Apple CarPlay is in use.

SIRI

Apple CarPlay apps can be voice operated using SIRI. To activate SIRI press and hold the ***CALL*** button.

1. If no route is set in the vehicle navigation system.

Android Auto

Android Auto lets you use certain Android device apps with your vehicle's infotainment screen. When connected, the infotainment system can be used to make calls, send and receive messages, view navigation and listen to music.

Android Auto is available in selected regions. For a complete and up to date list of market availability, refer to the Android website in your region.

By using Android Auto, you acknowledge the following: Android Auto is a service provided by Google Inc. under its terms and conditions. Aston Martin Lagonda is not responsible for Android Auto or its applications. When using Android Auto, certain information from your vehicle (such as its position) is transferred to your Android Device.

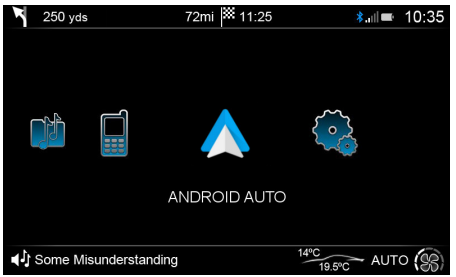
Initial Connection

Requirements:

- The Android Auto app must be installed on your Android device (Minimum Android 5.0)
- The Android device must be connected by a suitable USB cable

To connect an Android device:

- Use a suitable USB cable to connect the device to one of the vehicle's USB ports.
- Select *<Android Auto>* from the main menu.
- Android Auto will then open in the infotainment system. Press ***ENTER*** to confirm.



The Android device must be paired to the vehicle by Bluetooth®. If the device is not yet paired, follow the pairing phones information (Refer to 'Bluetooth Pairing', page 6.4).

Android Auto Controls

Whilst in the Android Auto, rotate the ***JOYSTICK*** to scroll through available items and ***ENTER*** to select items. Push the ***JOYSTICK*** left to open the menu.

To exit Android Auto press ***BACK***. The ***MENU*** and ***RADIO*** buttons will also function as normal and perform their functions outside of Android Auto.

Whilst Android Auto is connected:

- The ***NAV*** button will open the *Maps* function in Android Auto[1].
- The ***PHONE*** button will open the *Phone* function in Android Auto.
- The ***SOURCE*** button will open the *Now Playing* function in Android Auto.

Talk to Google

Voice commands can also be used to control Android Auto. Press the ***CALL*** button and wait until you hear a beep, then say your request.

For Example: 'Navigate to the nearest fuel station'.

Voice control can also be started when you push the ***JOYSTICK*** to the right whilst in Android Auto.

1. If no route is set in the vehicle navigation system.

Climate Control

Operating Tips 7.2
Climate Controls 7.2
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Automatic Operation.....7.5
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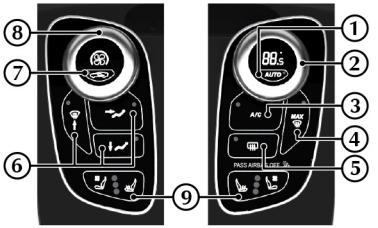
Operating Tips

- A solar sensor is installed on top of the instrument panel, this should not be covered when driving.
- The intake grille of the in-vehicle temperature sensor is located in the driver's knee bolster, close to the centre console. To 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 hood 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.
- Air conditioning may not function when the outside temperature approaches 0°C (indicator stays ON even when system is OFF).

Climate Controls



[1] AUTO: Press for automatic climate control operation (Refer to 'Automatic Operation', page 7.5).

[2] TEMPERATURE: Set the required in vehicle temperature. Turn clockwise for hot and counter-clockwise for cold. The selected temperature is shown on the dial display.

[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] HEATED MIRRORS: Press to operate the door mirror heaters. Goes OFF after 20 minutes if not manually set to OFF.

[6] AIRFLOW MODES: Press and release to select an airflow mode. (Refer to 'Airflow Modes', page 7.4)

[7] AIR CIRCULATION:

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

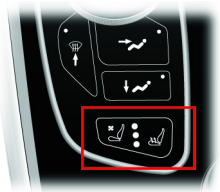
Controls the source of air entering the vehicle. Press to select re-circulated air (button LED ON). Press again to select outside air as source.

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

[8] FAN SPEED: Turn to set the required fan speed (clockwise for fast speed and counter-clockwise for low speed). The fan speed is shown on the display.

[9] SEAT HEATING/COOLING:

SEAT HEATING ONLY (standard): Press to increase and decrease the seat heating on the driver and passenger seats. The LEDs show which heat level is ON. The bottom LED is the lowest heat setting, and the top LED is the highest heat setting.



SEAT HEATING and SEAT COOLING (optional):

Press the seat heating side of the button to increase and decrease the seat heating. Or press the seat cooling side of the button to increase and decrease the seat cooling. The LEDs show which heat or cool level is ON. The bottom LED is the lowest heat setting, and the top LED is the highest heat setting. To decrease the intensity, press the button till all LEDs are lit up, then press again to decrease and the LEDs will disappear from top to bottom adjusting to the required setting.

The seat heating and cooling settings can be selected if the ignition is set to ON, but they will not operate until the engine is operating.

Display Units

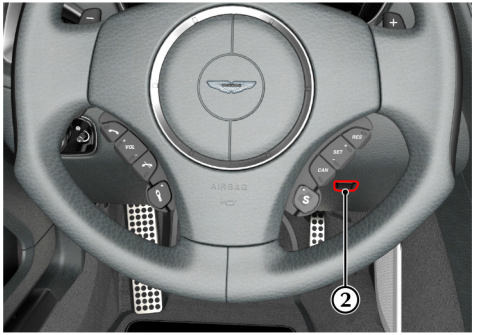
To change the display units to show Celsius (°C) or Fahrenheit (°F) (Refer to 'Display Units', page 4.12)

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:

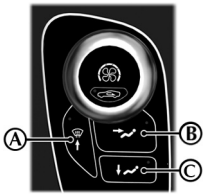
[1] : Solar sensor.

[2] : In-vehicle temperature sensor.



Airflow Modes

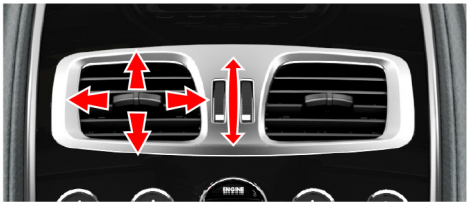
Press and release each button for an airflow mode. By pressing one or more buttons at a time, five airflow modes are available. Selected airflow modes are also shown on the infotainment screen.



Mode	Button(s)
Windscreen and Door Windows *In addition a small bleed of air is directed into the face vents.*	(A)
Face Only	(B)
Feet Only *In addition a small bleed of air is directed to the face vents, the windscreen and door windows.*	(C)
Windscreen, Door Windows and Feet *In addition a small bleed of air is directed into the face vents.*	(A)+(C)
Face and Feet	(B)+(C)

Adjusting the Vents

To adjust the air flow vents:



Press ***AUTO***. Using the ***TEMPERATURE*** dial set the required in-vehicle temperature (read the actual temperature setting in the top left of the display). The ***A/C*** button LED will come ON.

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

Maximum fan speed will not be available to heat the cabin 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 transmission is in P (park) and 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 cabin temperature 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.
- Press ***AUTO***.
- Press any of the airflow mode buttons.

The automatic defrost setting times out after 6 minutes.

Manual Operation

Set the required:

- Fan speed
- Temperature
- Air flow.

The fan speed and temperature setting will show on the 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 (LED ON). To stop dehumidifying press ***A/C*** button again (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 transmission is in P (park) and 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.

Audio

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Automatic Frequency Updating....8.7
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Bluetooth Streaming....8.11
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Bang & Olufsen BeoSound Audio

Radio:

- AM and FM radio.
- Satellite Radio (Option)

Audio Inputs

- USB Device
  - 2 x Connection port in cubby box.
  - 2 x Connection port in rear environment.
- Auxiliary Input
  - 1 x 3.5mm Connection port in cubby box
- Bluetooth® Wireless Technology
  Audio and hands-free phone.

Power Output: 1000W

Speakers

[1] : Two 19 mm / 0.75 inch (soft dome) tweeters incorporating Acoustic Lens Technology (ALT).

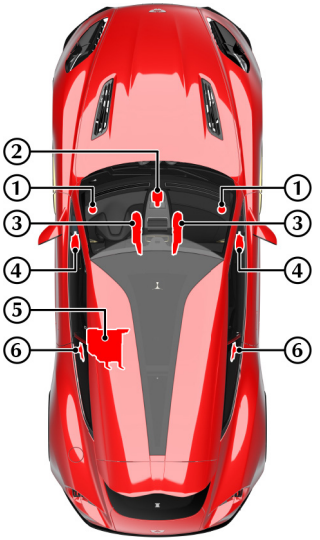
[2] : Centre: Two speakers: One 90 mm / 3.5 inch mid-range in closed cabinet and one 19 mm / 0.75 inch (soft dome) tweeter.

[3] : Footwell: Two 140 mm / 5.5 inch woofers in closed cabinets.

[4] : One 90 mm / 3.5 inch mid-range speaker, in closed cabinet, in each front door.

[5] : One 200 mm/ 8 inch subwoofer housed in closed cabinet under the rear environment left seat.

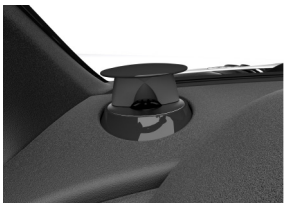
[6] : Two speakers: One 90 mm / 3.5 inch mid-range and one 19 mm / 0.75 inch (soft dome) tweeter in each rear quarter.

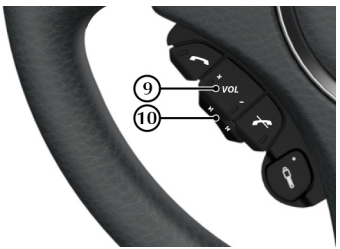


Acoustic Lens Technology

Acoustic Lens Technology (ALT) gives a wide (180°) horizontal dispersion of high frequencies. This prevents the loss of critical sound and gives listeners an improved sense of space, staging and realism, even when not sitting in the optimal location[1] for listening to two-channel stereo reproductions.

Two motorized acoustic lenses, mounted on either side of the dashboard, rise when the system is set to ON and stay raised until the audio system is set to OFF.





[1] ON/OFF: Press for audio ON and OFF.

[2] VOLUME: Volume control.

[3] ENTER: Push the ***JOYSTICK*** button (referred to as ***ENTER*** throughout this chapter) to select items within a menu or to open a selection.

[4] JOYSTICK: Navigate in the menus by clicking left, right, up or down. Turn the rotary controller to scroll menu items.

[5] BACK: Press to move back one action. Press and hold to move back to the default screen.

[6] MENU: Opens the main menu.

[7] RADIO: Press to navigate between the radio bands.

[8] SOURCE: Press to select other audio sound sources.

[9] VOLUME: Volume control.

[10] SCROLL:

- **Radio:** Searches up and down the frequency band for the next available radio station.
- **Satellite Radio:** Navigate the channel list.
- **iPod** / **USB:** Skip forward or backwards through music tracks.

1. For the optimal location to listen to two-channel stereo reproductions, the listener should be sitting equidistant from both loudspeakers on the apex of an equilateral triangle.

Operation

The audio 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 audio 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'.

Press ***ON/OFF*** to set the audio system ON or OFF.

Sound Source

To select radio, at any time while the audio system is ON, press the ***RADIO*** button repeatedly to navigate between the radio bands.

To select other audio sound sources press the ***SOURCE*** button to navigate through the audio source choices.

Battery Protection Mode

Using the audio system, with the vehicle key at position 'I' (ignition OFF) will drain the battery charge. A warning message will show in the message centre when the battery charge is low. The audio and USB ports are disabled after a two minute warning to protect the battery.

Bang & Olufsen Audio Sound Settings

To access sound settings, select *<SETTINGS>* from the *<AUDIO>* menu. Select *<AUDIO SETTINGS>* and press ***ENTER***. Select required features and adjust settings using the rotary joystick and press ***ENTER*** to confirm.

Bass: Level for bass.

Treble: Level for treble.

Balance: Balance between the left and right speakers.

Fader: Balance between the front and rear speakers.

Surround: Level for surround sound.

Auto Volume Control: Auto volume control adjusts tone based on the output level to maintain tonal balance at all volume levels.

Select from *<Off>*, *<Low>*, *<Optimum>*, and *<High>*.

Sound Focus

The audio system detects seat occupancy by seat belt engagement.

Auto: The audio system automatically detects if driver only, driver and front passenger or a rear passenger(s) are in the vehicle.

Driver: The focus of the sound is optimized for the driver only.

Front: The focus of the sound is optimized for both the driver and the front passenger.

Radio Menu

From the AUDIO menu, select the *<RADIO>* option to display the radio menu.

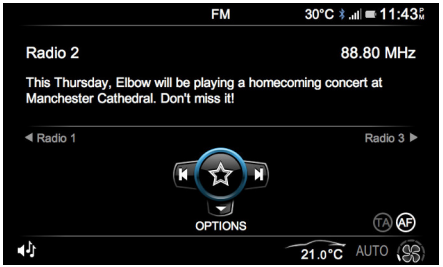
The RADIO menu allows you to select *<AM>*, *<FM>*, *<SIRIUS>* and *<SETTINGS>*.

In the RADIO menu, a music note icon appears above the current radio frequency image.

Automatic Tuning

To automatically tune stations:

1. From the RADIO menu, select <*AM*>, <*FM*> or <*DAB*> to display the specific tuner.



2. Press the ***JOYSTICK*** left to select the previous available station or right to select the next available station.
3. Rotate the ***JOYSTICK*** to view the list of available stations
4. Press ***ENTER*** to view the favourites list.

Manual Tune By Frequency

To tune AM or FM stations manually:

1. From the RADIO screen, push the ***JOYSTICK*** down to select <*SETTINGS*>. The SYSTEM SETTINGS screen is shown.
2. Select <*Manual Tune*> and press ***ENTER*** to confirm.
3. Rotate the ***JOYSTICK*** to manually search for stations.
4. Push the ***JOYSTICK*** up or down to move along the frequency band by 1.0MHz for faster searching.
5. When the desired frequency is reached, press ***ENTER*** to confirm.

Station List

To view and select from the list of available stations:

1. From the RADIO screen, push the ***JOYSTICK*** down to select <*RADIO OPTIONS*>.
2. Select <*Station List*> from the list and press ***ENTER*** to confirm.

Or:

1. From the RADIO screen, rotate the ***JOYSTICK***. A new window appears displaying the list of available stations.
2. Rotate the ***JOYSTICK*** or push it up and down to select a specific station.
3. Press ***ENTER*** to confirm.
   The selected station then starts playing.

Favourite Stations

To view and select a favourite station:

1. From the RADIO screen, push the ***JOYSTICK*** down to select <*OPTIONS*>.
2. Select <*Favourites*> from the list and press ***ENTER*** to confirm.
   Only stations saved as a favourite are shown in the list.

Or:

1. From the RADIO screen, press ***ENTER***. A new window appears displaying the list of favourite stations.
2. Rotate the ***JOYSTICK*** or push it up and down to select a specific station.
3. Press ***ENTER*** to confirm.
   The selected favourite station then starts playing.

Adding A Favourite Station

Press and hold ***ENTER*** to add the current station to your favourites list.

Sort Stations

The list of available or favorite stations can be order either in alphabetical order or in frequency order. To change the sort order of stations:

1. From the RADIO screen, push the ***JOYSTICK*** down to select <*OPTIONS*>.
2. Select <*Sort*> from the list and choose either <*By Name*> or <*By Frequency*>. Press ***ENTER*** to confirm.

Traffic Announcements

The Traffic Announcement (TA) function makes sure that all traffic announcements interrupt radio programmes.

To turn the traffic announcement function ON or OFF:

1. From the NOW PLAYING screen, push the ***JOYSTICK*** down to select <*OPTIONS*>.
2. Select <*Traffic announcements*> from the list.
3. Press ***ENTER*** to switch between ON and OFF.

When the traffic announcements are ON, 'TA' is shown on the display.[1]

1. AM/FM Radio Only

Automatic Frequency Updating

(AM/FM Radio Only)

The Automatic Frequency (AF) updating function is normally ON and makes sure that the radio tunes to the strongest available transmitter.

To turn the automatic frequency ON or OFF:

1. From the RADIO screen, push the ***JOYSTICK*** down to select *<Options>*.
2. The RADIO OPTIONS screen is shown. Select *<Options>* from the list.
3. Select *<Tuner AF>*.
4. Press ***ENTER*** to switch between *<ON>* and *<OFF>*.

When automatic frequency is ON, then 'AF' is shown on the display.

Satellite Radio Functions

Sirius is an American satellite radio company that broadcasts commercial-free music, sports, news and entertainment to it's subscribers.

Sirius ID

The Sirius ID is required when contacting the Sirius Call Centre. It is used to start your account and when making any account transactions. The Sirius ID is sometimes referred to as the Electronic Serial Number (ESN).

To access the Sirius ID: From the AUDIO menu, select *<SIRIUS>*. Push the ***JOYSTICK*** down and select *<Information>*. The Sirius ID and status of the subscription (Active or Inactive) is shown.

Selecting Satellite Radio Mode

1. Press **ON/OFF** to set the audio system ON.
2. Select **RADIO** to navigate through the different radio sources; *<LW>*, *<MW>*, *<FM>* and *<SIRIUS>*.
3. When selecting items within the menus, highlight the required option and push the ***JOYSTICK*** button to confirm.
4. Select *<SIRIUS>* to access Sirius channels and information.

Activating Satellite Radio

Tune to channel 184 to receive Sirius contact information.

Call SIRIUS:

North America: 1-888-539-SIRIUS (7474).

Canada: 1-866-635-9632

When asked for the Sirius ID number select *<SIRIUS>* from the AUDIO menu. Push the ***JOYSTICK*** down to select *<Information>*. The Sirius ID number is shown. After activation, the subscription status is shown as 'Active', and the list of channels is then updated.

'Updating Subscription' is shown while the subscription is being updated, after which the display returns to the normal view.

If an 'Audio Unavailable' message appears, it indicates poor signal reception. This may occur when travelling through a tunnel.

Channels

The main Sirius screen allows you to select channels, store favourite channels for easy access, and browse channel categories.

Selecting a Channel

To select a channel:

1. Push the ***JOYSTICK*** left or right to navigate through the available channels.
2. Press ***ENTER*** to confirm selection and to listen to the channel.

Selecting a Category

To select a category:

1. From the Sirius screen, push the ***JOYSTICK*** down to select *<OPTIONS>*.
2. Select the *<Select Category>* option to be shown a list of all the available categories, such as Jazz, Blues, News.
3. Select the required category to be shown a list of all relevant channels available to chose from.

The default category is <All> which lets you navigate through the entire list of available satellite channels.

Channel categories are automatically updated several times a year. This takes approximately two minutes and interrupts normal broadcasting. A message is shown while updating is in progress. Information on channel or feature updates is available at www.sirius.com.

Adding a Favourite Channel

1. Press the ***JOYSTICK*** left or right to navigate through the available channels.
2. Highlight the required channel. Push and hold the ***JOYSTICK*** button in for a few seconds to add the channel to the *<Favourites>* list.

Selecting a Favourite Channel

1. From the Sirius screen, push the ***JOYSTICK*** down to select *<OPTIONS>*.
2. Select *<Favourites>*. A list of all stored favourite channels is shown.
3. Rotate or push the ***JOYSTICK*** up or down to select the required channel.
   All channels added to the Favourites list are shown in channel number order.

Removing a Favourite Channel

1. From the Favourites list, highlight the required channel.
2. Push and hold the ***JOYSTICK*** button for a few seconds. A message then appears on the screen confirming deletion of the selected channel.

Radio Text

The type of text information shown about the song currently playing, includes the channel number, channel ID, programme title, artist and composer.

Locking Channels

This function makes it possible to lock channels so that they do not appear in the channel list.

To lock channels:

1. Push the ***JOYSTICK*** down to select *<OPTIONS>*.
2. Select *<Lock Channels>*. A keypad is shown.
3. On initial use, enter '*0000*' as the password into the keypad using the ***JOYSTICK***. Follow on-screen instructions to change the password.
   A list of all channels is shown with checkboxes.
4. Select the channel that needs to be locked and push the ***JOYSTICK*** button. A tick then appears next to the channel name indicating that the channel is locked. Repeat this process for all channels that need to be locked.
5. To unlock a channel, select the required channel and push the ***JOYSTICK*** button to remove the tick from the check box. This unlocks the channel.

Resetting the Password

To reset the password:

1. Push the ***JOYSTICK*** down to select *<OPTIONS>*.
2. Select *<Lock Channels>*. A keypad is shown.
3. Push and hold the ***JOYSTICK*** right for 10 seconds to reset the password.
4. Follow the on-screen instructions to confirm new password.

iPod and USB Connection

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

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

Aston Martin recommend using a genuine Apple™ cable (available separately) when connecting an iPhone, iPod or iPad. Non-genuine cables can provide limited functionality.

There are two USB sockets located in the armrest storage box and two USB sockets in the rear environment behind the left side seat. Locate the required socket and connect:

- an iPod player using a suitable iPod USB cable.

If an Apple CarPlay compliant device is connect to the CarPlay USB socket, Apple Carplay will launch (Refer to 'Apple CarPlay', page 6.7).

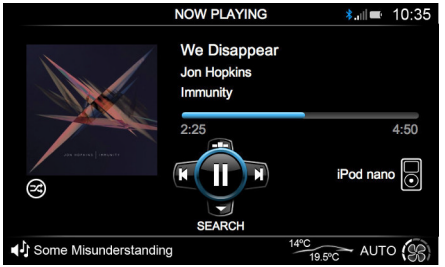
- a USB device.

If not already ON, set the audio system to ON. Press the ***SOURCE*** button to cycle the audio sources until either the required *<iPod>* or *<USB>* shows on the display.

The iPod or USB device can now be operated by the audio system and are shown and access in order of connectivity.

Playing Tracks

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



Selecting Tracks

Press the ***JOYSTICK*** down to show the music folder list. Select from *<Tracks>*, *<Albums>*, *<Artists>* and *<Playlists>* (if using an iPod) to navigate to the required music tracks. Press ***ENTER*** to open a folder or play a track.

Pause Mode

Press ***ENTER*** to pause a track whilst playing. Press ***ENTER*** again to start play.

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

Fast Forward and Rewind

Press and hold the ***JOYSTICK*** (left or right) to search within a track or the whole music folder. The search continues as long as the ***JOYSTICK*** is held.

Album Search

Press the ***JOYSTICK*** up to show available music albums. Any album art that has been previously synchronized will also be shown (Refer to 'Album Art', page 8.11). Rotate the joystick to search through available albums or quickly rotate the joystick to start a quick search. Press ***ENTER*** to select an album and begin audio playback.

Changing Tracks

Press the ***JOYSTICK*** (left or right) to play the next or previous track.

Traffic Announcements

Traffic Announcements (TA) are also available when in USB or iPod mode. (Refer ro page 8.6)

Album Art

When an iPod, iPhone, iPad or USB device is connected to the vehicle and a music album is played, album art for that music album is synchronized and stored on the vehicle. The album art will then be shown whenever the associated music is played.

To synchronize all available artwork from a device onto the vehicle, press the ***JOYSTICK*** down to show the music folder list. Select <*Sync Artwork*> and press ***ENTER*** to synchronize all available album art. A progress bar will be shown with the number of synchronized files and total number of files[1]. Whilst album artwork is synchronising there will be no audio playback.

Any album art files previously saved will be passed over but included in the number of files to be synchronized. Synchronising can be stopped at any time by pressing ***ENTER*** again, or navigating away from the <*Sync Artwork*> screen. For example, pressing the ***RADIO*** button.

A maximum of 1000 album art files can be saved to the vehicle. Any further art that is added will replace the oldest unused files.

📖 *Bluetooth audio streaming is not available when a device is connected to Apple CarPlay.*

Connecting a Mobile Phone or MP3 Device

Enable Bluetooth® wireless technology on the required mobile phone or MP3 device. The mobile phone or MP3 device must be paired to the vehicle. If the mobile phone or MP3 device is not yet paired, follow the pairing phones information (Refer to 'Bluetooth Pairing', page 6.4).

Selecting the Mobile Phone or MP3 Device

Select the required Bluetooth® enabled device by using the ***SOURCE*** button. All connected devices are shown in the Audio menu.

The artist, track name, album and time are then shown in the display.

📖 *Some devices may play erratically if more than one device is connected by Bluetooth®. If such playback issues do occur, disconnect devices that are not in use.*

Changing Tracks

Push the ***JOYSTICK*** (left or right) to play the next or previous track.

Changing tracks is also available from the mobile phone or MP3 device whilst connected via the Bluetooth® wireless technology.

Audio Volume

Upon initial connection, audio playback may be a lower volume than any other media inputs. The volume level of the device can also be increased or decreased independent of the vehicle's audio system. Please check that the device volume is not set too low.

Album Art

Album art is unable to be sent to the vehicle with a Bluetooth® connection. However if a music track is played and the album art associated with that track has previously been saved to the vehicle, then the album art will be shown. (Refer to 'Album Art', page 8.11)

1. The time taken will depend on number of files to be synchronized.

Audio Device Connection

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

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

The auxiliary socket is in the front armrest cubby box. Connect the audio device to the auxiliary socket using a suitable cable.

If not already ON, set the audio system to ON. Press the ***SOURCE*** button until AUX is highlighted on the display.

The media device now plays through the Infotainment system.

Audio Device Volume

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

Select *<AUXILIARY INPUT>* from the *AUDIO* menu. Select *<AUXILIARY GAIN>* and turn the ***JOYSTICK*** to set the auxiliary gain level.

Press ***BACK*** to return to the main display.

Hands-Free Phone

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Hands-Free Functions.....9.2
Bluetooth Device Management 9.3
Using a Phone.....9.3

Introduction

A mobile phone device equipped with Bluetooth® technology can be connected wirelessly to the vehicle's infotainment system, which allows control of a range of the mobile phone's functions. The mobile phone can always be operated by its own keys regardless of whether or not it is connected.

The hands-free system is available when the vehicle key is in ignition position 'I' or 'II'. If the ignition is moved to position '0' or removed, any calls will transfer to the mobile phone after approximately six seconds.

The system microphone is located in the vehicle roof above the drivers head and the speech from an incoming call is from the two door speakers.

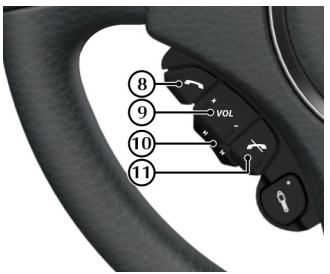
The hands-free phone system uses the internal antenna of the mobile phone.

Bluetooth Pairing

Before the hands-free system can be used, a phone must be 'paired' to the infotainment system (Refer to 'Bluetooth Pairing', page 6.4)

The hands-free phone system will not recognize a mobile phone, even if it was previously 'paired', if the mobile phone does not have the Bluetooth® wireless technology switched ON. For more information refer to the user's guide for your mobile phone.

Hands-Free Functions



[1] VOLUME: Volume control.

[2] DISPLAY: Shows options, menus and information.

[3] MENU: Opens the main menu.

[4] ENTER: Press to answer or make a call, select in the menu or open a selection.

[5] JOYSTICK: Navigate in the menus, move forwards or backwards when entering text and digits.

[6] PHONE: Press to select hands-free mode or press and hold to cancel hands-free mode.

[7] BACK: End a call, navigate back in the menu, cancel a selection or erase the previous character when entering text and numbers.

[8] CALL: Press to answer a call or press to return to hands-free mode from audio when hands-free mode is ON.

[9] VOLUME: Volume control during a call.

[10] SCROLL: Navigate in the menus.

[11] CANCEL: Press to end a call or press to enter audio mode when hands-free mode is selected.

Audio Settings

Call Volume

During a call the call volume can be regulated using the ***VOLUME*** dial or the volume controls on the steering wheel.

Audio System Volume

All audio sources will be automatically muted for incoming calls

Bluetooth Device Management

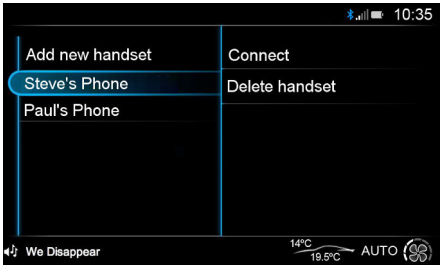
Connecting and Disconnecting Devices

Once the infotainment system and a mobile device are paired (Refer to 'Bluetooth Pairing', page 6.4), the infotainment system automatically connects to the last connected mobile device when the ignition is set to ON_1.

To connect or disconnect additional paired mobile devices to or from the infotainment system, press ***PHONE***, and navigate to *<BT DEVICES>*. Scroll through available devices and push the ***JOYSTICK*** right to access the device connection options. Select *Connect* to set the selected device as the active phone for calls and messages.

Only one device can have an active connection to the infotainment system. Connecting another device disconnects the previously connected device.

📖 *Disconnected devices are still stored in the infotainment system.*



The vehicle will **automatically** disconnect the connected device when the ignition is switched OFF. Any active calls will be transferred back to the mobile phone.

Deleting a Device

The vehicle infotainment system supports paired links with up to 10 mobile devices. If additional devices are to be connected, one of the existing paired devices must be deleted.

To delete a device, select *Delete handset* from the device connection options.

Using a Phone

Contact List

The mobile phone's contact list is synchronized automatically to the vehicle system at each connection after initial pairing. All lists of calls and any new contacts that have been added since the mobile phone was last used with the vehicle's system are now updated. This may take a few seconds on initial connection.

📖 *Only one mobile device can have an active connection to the infotainment at any one time. Each contact list is only accessible when using the correct mobile phone.*

Contact Search

Contacts list and call history only apply to the connected mobile phone's phone book.

1.
   - Press ***PHONE*** or from the *<Phone menu>* select *<PHONE CONTACTS>*
   - Press ***PHONE*** or from the *<Phone menu>* select *<CALL HISTORY>*.

     A list of relevant phone numbers and contact names is then shown.
2. Press the ***JOYSTICK*** (up or down) or turn the ***JOYSTICK*** dial to navigate to the contact.

   If you rotate the ***JOYSTICK*** quickly, a fast scroll feature allows you to search through the phonebook alphabetically.

1. Bluetooth® wireless technology must be activate on the mobile phone

Making a Call

Check that the hands-free system is paired.

Press ***PHONE*** on the centre stack, or ***CALL*** on the steering wheel controls to view the call history list. Press ***PHONE*** again to view the menu.

- Select a contact to call from the . Press ***CALL*** or ***ENTER*** to call.

Or

- Navigate to the keypad. Rotate the ***JOYSTICK*** to cycle through numbers and ***ENTER*** to confirm a selection. Press the ***JOYSTICK*** left to delete a number. Press ***CALL*** or ***ENTER*** to call.

Ending Calls

To end a call press ***CANCEL***.

Receiving Calls

To answer an incoming call press ***CALL*** or ***ENTER***.

If the phone book contains a caller's contact information, this is shown.

Reject a Call

Press ***CANCEL*** while the phone is ringing.

Text Messages

The text message in the infotainment system is dependant on the mobile phone being used.

Text messages can be either displayed on the infotainment screen[1] or read aloud by the hands free system. For the vehicle to access phone messages, access must be allowed during initial pairing.[2]

When a new message is received, there are the following four options:

[A] LISTEN: Hear text message through the vehicle speaker system.

[B] MSG CENTRE: View messages on the infotainment display. New messages will have a red dot in the corner of the envelope symbol. (Not available if the vehicle is moving at more than 5 mph).

[C] CANCEL: Return to the *Phone Menu*.

[D] CONTACTS: View phone contacts.

You can also view any previously received messages. From the *Phone Menu* select *Messages* to view the message menu. Any unread messages are marked with a red dot.

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1. Messages are only available to read if the vehicle is stopped or travelling below 5 mph.
2. iPhone users must manually set notifications to ON during initial pairing with the vehicle. If notifications are set to ON after pairing with the vehicle the phone will need to synchronize with the vehicle again.

Satellite Navigation

Important Safety and Product Information 10.2
Navigation Controls.....10.2
Navigation Menu.....10.3
Navigate.....10.3
Map 10.5
Points of Interest (POI).....10.6
Traffic.....10.7
Settings 10.7

Important Safety and Product Information

⚠ Warning: Failure to avoid the following potentially hazardous situations could result in an accident or collision resulting in death or serious injury.

⚠ Warning: Always use your best judgement, and operate the vehicle in a safe manner. Do not become distracted by the navigation system while driving, and always be fully aware of all driving conditions. Minimize the amount of time spent viewing the screen while driving and use voice prompts when possible.

⚠ Warning: Do not input destinations, change settings, or access any functions requiring prolonged use of the navigation system controls while driving. Bring the vehicle to a halt in a safe and legal manner before attempting such operations.

⚠ Warning: When navigating, carefully compare information shown on the screen to all available navigation sources, including road signs, road closures, road conditions, traffic congestion, weather conditions, and other factors that may affect safety while driving. For safety, always resolve any discrepancies before continuing navigation, and defer to posted road signs and road conditions.

⚠ Warning: The navigation software is designed to provide route suggestions. It is not a replacement for driver attentiveness and good judgement. Do not follow route suggestions if they suggest an unsafe or illegal manoeuvre or would place the vehicle in an unsafe situation.

Navigation Controls

Operation

The navigation system is available with the vehicle key in position 'I' or 'II'.

Press ***NAV*** on the centre stack, or select the Navigation icon and press ***ENTER*** if already in the Infotainment menu.

[1] SCREEN: Shows maps and provides detailed information on route, distance, etc.

[2] BACK: Press to return to the previous menu or to undo a choice.

[3] NAV: Press to open the *Map* screen (Refer to 'Map', page 10.5).

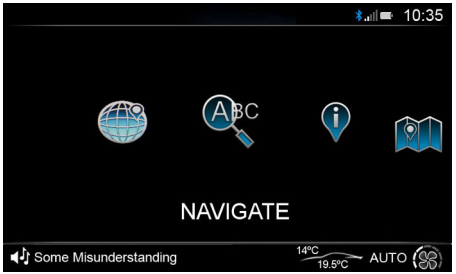
A second press will open the *Navigation Menu* screen (Refer to 'Navigation Menu', page 10.3).

[4] JOYSTICK: Navigate through different menu options, traffic messages, etc.

Rotate to zoom the map in or out.

[5] ENTER: Press to confirm, select or navigate from one submenu to the next submenu.

Navigation Menu



The Navigation menu opens with several options available:

[1] DESTINATION COUNTRY: To change the destination country, rotate the ***JOYSTICK*** to cycle through letters and press ***ENTER*** to confirm a selection.

To delete a character, push the ***JOYSTICK*** to the left.

[2] NAVIGATE: (Refer to 'Navigate', page 10.3)

[3] POI: (Refer to 'Points of Interest (POI)', page 10.6)

[4] DISPLAY MAP: (Refer to 'Map', page 10.5)

[5] CANCEL NAVIGATION: Press to cancel the navigation route (if one is set).

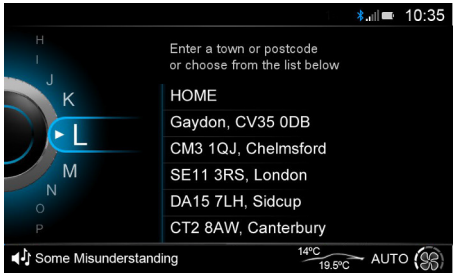
[6] GPS: Shows satellite navigation information such as longitude and latitude, available number of satellites and a compass

Navigate

Address Entry

A destination can be set one of two ways in the ***Navigate*** menu:

- Address Entry
- Recent Addresses



Address Entry

Rotate the ***JOYSTICK*** to cycle through letters and numbers and press ***ENTER*** to confirm a selection. The address list will show available addresses from the characters entered.

Once a letter or number has been selected, only the characters that follow in any available matches will be selectable.

To delete a character, push the ***JOYSTICK*** to the left.

A street name cannot be selected until a town or city has been set.

A street name cannot be entered if a 7 character post code is entered.

Push the ***JOYSTICK*** to the right to access the address list along with a map showing each address location.

Recent Address

To select a HOME, WORK or recent destinations[1], press the ***JOYSTICK*** right to access the address list along with a map showing each address location. Rotate the ***JOYSTICK*** to scroll available addresses and press ***ENTER*** to select an destination.

Destination Selection Options

Press ***ENTER*** on an entry in the address list to open the options below:

- Navigate to here
  Opens the map screen and calculates a route.
- Enter Street/Enter Building Number
  Opens the address entry screen to further refine the destination location.
- Near to Here
  Opens the Destination POI screen with the origin point set to the current selection. (For example, Chelmsford).
- Save as HOME
  Saves the selected destination as your *HOME* address.
- Save as WORK
  Saves the selected destination as your *WORK* address.

Guidance Start

If *Alternative Routes* has been set to ON in the navigation settings menu, three routes will be calculated in order of quickest time. Each will show total distance and arrival time with an overview of the proposed route.

Rotate the ***JOYSTICK*** and press ***ENTER*** to select a route.

1. HOME and WORK addresses are only shown once they have a saved address.

Map Controls

Push the ***JOYSTICK*** up or down to display the map view menu.

[1] NAVIGATION: Opens the ***Address Entry*** screen.

[2] CANCEL ROUTE: Cancel the selected route.

[3] TRAFFIC: Open the ***Traffic*** screen.

[4] HEADING ORIENTATION: Press to cycle between:

- 2D North
  2 dimensional map with north always at the top of the screen.
- 2D Heading
  2 dimensional map with the vehicles direction always at the top of the screen.
- 3D heading
  3 dimensional map with the vehicles direction always at the top of the screen.

[5] VOICE MUTE: Set voice instructions on or off.

[6] ROUTE OVERVIEW: Shows an overview of the navigation route.

[7] SETTINGS: Open the Settings menu

Map Zoom

Rotate the ***JOYSTICK*** clockwise to zoom in and counter-clockwise to zoom out of the map.

Map Browse

Press and hold ***ENTER*** to enable browse map .

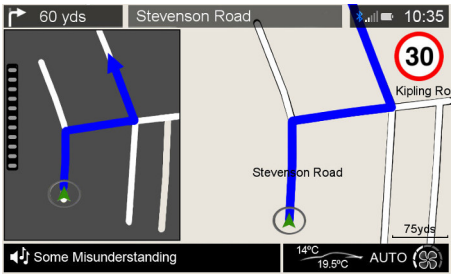
Information Bars

Press ***ENTER*** to cycle if the upper and lower information bars are shown.

Estimated time of arrival (ETA) will be shown at the top of the screen.

Next Turn

If there is an approaching turn, the distance and street name are shown at the top of the screen.



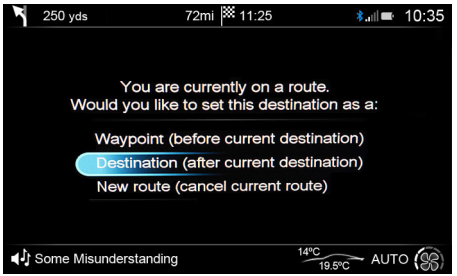
Push the ***JOYSTICK*** left or right to cycle if the turn information window is shown.

The turn information window will show a view of the next turn or junction and the gauge on the left Illuminates as you approach the junction.

Browse Map

Whilst in map browse, press and hold ***ENTER*** to open the browse map function, and push the ***JOYSTICK*** up, down , left or right to move the cursor around the map.

Press ***ENTER*** to place a marker on the cursor position. .



Press ***BACK*** to cancel the set marker window and return to the map browse screen.

Press ***BACK*** to move the cursor back to the vehicle. Press ***BACK*** again or press and hold ***ENTER*** to return to the ***Map*** screen.

Rotate the ***JOYSTICK*** to cycle through letters and numbers and press ***ENTER*** to confirm a selection.

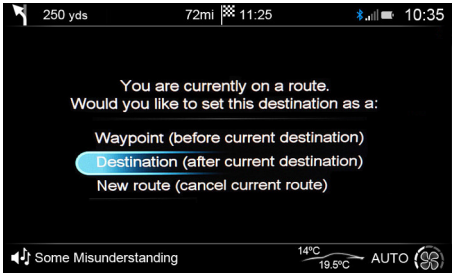
Once a location name or partial name has been entered, push the ***JOYSTICK*** to the right to access the category list. Scroll and select a category to search.

The results list will then show a list of available POIs in distance order within that category and a map to show location. The map will update to centre on the selected result from the results list.

POIs on Route

If a route is already set, you will have additional options when opening the POI menu:

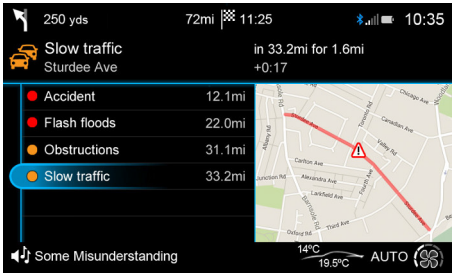
- Waypoint
  Adds POI into the set route.
- Destination
  Adds POI as a destination after the set route.
- New Route
  Cancel the set route and set a new destination.



Traffic

The *Traffic* screen shows delays on a selected navigation route. Any delays will be shown as time delays in hours and minutes.

All Delays On Route



Any delays on the selected route will be shown, along with how far along the route each individual delay is. The top traffic information bar will also describe:

- The type of delay,
- The road the delay is on,
- How far away the delay is,
- How long the delay is in distance,
- The time added to your journey.

Delays are also shown by their severity.

Green: Traffic is moving freely.

Orange: There is traffic congestion, but not on the selected route.

Red: There is traffic congestion along the route.

If no route is selected, all areas of traffic congestion will be shown in red.

Settings

Map Settings

Navigation settings are also accessed from the vehicle settings menu.

Map Orientation

Select from:

- 2D North
  2 dimensional map with north always at the top of the screen.
- 2D Heading
  2 dimensional map with the vehicles direction always at the top of the screen.
- 3D Perspective
  3 dimensional view of 2D Heading

Display Mode

Select from:

- Auto
  Automatically change between *Day* and *Night* mode.
- Day
  Set the display to use brighter colours suitable for daytime driving.
- Night
  Set the display to use darker colours to reduce glare from the navigation screen when driving at night.

Show POIs on Map

Set whether to show Points of Interest (POIs) on the map.

Show Landmarks on Map

Set whether to show landmarks on the map.

Show 3D Buildings

Set whether to show buildings on the map.

Satellite Images

Set whether to show satellite images on the map.

Automatic Zoom

Set whether to automatically zoom in and out of the map depending on speed and distance to junctions.

Navigation Options

Voice Prompts

Sets voice announcements ON or OFF.

Voice Language

Sets the language for voice announcements[1].

Street Names

Set to add street names on map.

Alternative Routes

Set whether alternative routes are offered when a destination is selected.

Avoid Options

Select features to avoid when calculating navigation routes. Select the following check-boxes:

- Avoid Motorways
- Avoid Toll Roads
- Avoid Ferries
- Avoid Motorail Trains
- Avoid Tunnels
- Avoid Unpaved Roads
- Avoid Car Pool Lanes

Speed Limits

Show current speed limit on map.

Re-routing

Allow automatic re-routing.

Restore to Default

Clear Recent

Clear recent address, HOME and WORK history.

Reset All

Restore all navigation settings to default

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1. Navigation language can be set independently of infotainment system language.

Maintenance

Introduction 11.2
Vehicle Lifting 11.3
Servicing Precautions 11.3
Owner Maintenance 11.5
Hood Release 11.6
Fluid Levels 11.7
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Other External Lamps 11.27
Internal Lamps 11.27
Door Window Reset 11.27
Front Seat Reset 11.28
Bodywork Maintenance 11.28
Vehicle Cleaning 11.29
Vehicle Storage 11.31

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 specialized 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 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 and Safety Recall 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

Aston Martin recommends that when performing a servicing task, the recommended lubricants (Refer to 'Fluids and Capacities', page 12.3)and parts are used

! If oils or lubricants are used which do not meet the required specification, vehicle components may experience excessive wear, a build-up of sludge and deposits or cause increased pollution. If it is evident to Aston Martin that use of products other than those which are recommended by the manufacturer has caused damage to the vehicle or engine, Aston Martin may refuse to authorize the repair of such damage under the terms of the manufacturer's warranty.

Emission Warranty

The emission control systems installed to vehicles for certain markets are covered by a separate warranty. A statement of the provisions is given in the Warranty section of this Owner's Guide. You are advised to familiarize yourself with all warranty conditions at the earliest opportunity after taking delivery of your vehicle.

Vehicle Lifting

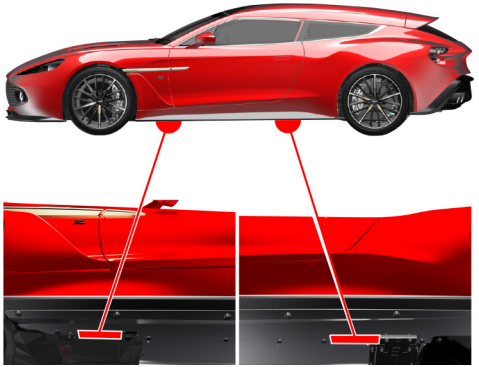
⚠ Warning: Make sure that no persons are in the vehicle before lifting commences.

⚠ Warning: Make sure that the park brake is ON and that the vehicle transmission is in Park (P).

⚠ 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 lifted, make sure that the following lifting hard points are used.



Servicing Precautions

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

⚠ Warning: Protect yourself against dangerous substances .

⚠ 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 can cause scalding or burns.

⚠ 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. Do not use a flame or spark near fuel or fuel vapour. Do not smoke near fuel or fuel vapour. Do not inhale fuel vapour or 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 authorized waste disposal facilities, including civic amenity sites and garages providing facilities for receipt of used oil. If in doubt, contact your local authority for advice.*

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)

- Tires
- 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.

Battery Conditioner

A battery conditioner is located in the trunk storage area. This is an optional item.

(Refer to 'Battery Conditioner', page 11.23)

Emergency Items

The following emergency items are located in the trunk.

[1] : Tire Sealant Kit, located behind the left side trim panel (Refer to 'Tire Sealant Kit', page 11.17).

[2] : Warning Triangle[1].

[3] : Towing eye, located in the vehicle tool kit.

[4] : First Aid Kit, located behind the right side trim panel (optional item).

1. Not available in Federal markets.

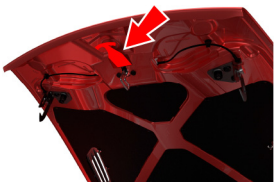
Hood Release

⚠ Warning: The two secondary latches on the hood are sharp. Take care to avoid personal injury when under the hood.

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

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

⚠ Warning: Do not pull on the hood secondary catch to close the hood. This may displace the hood secondary catch and cause it to not align correctly.

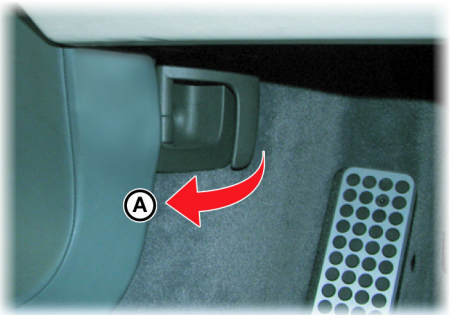


📖 The windscreen wipers will temporarily rest in the park position if the hood is unlatched.

📖 Remove any tools, cleaning cloths, etc. from the engine compartment before closing the hood. Make sure that no one is obstructing the 'closing' area and that hands, clothing etc. are clear.

📖 If the hood does not fully close or it opens during driving, the message centre will show HOOD OPEN.

Pull the hood release lever (A) located in the left front footwell. The hood will release, but stay secured by the hood secondary catch.

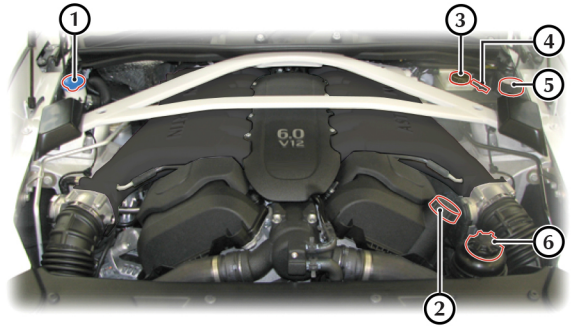


Slightly lift the front edge of the hood whilst pulling upward on the hood secondary catch (B) to release it. Lift the hood until fully open. Lift the hood until fully open. The hood is held open by two gas struts.

To close the hood, lower the hood until it starts to fall under its own weight and allow it to close.

If the hood does not shut, open and close the hood again, but gently push down as the hood falls.

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



[1] : Washer fluid reservoir.

[2] : Engine oil filler cap.

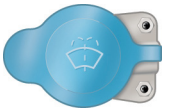
[3] : Brake fluid reservoir[1].

[4] : Engine oil dipstick.

[5] : Engine coolant reservoir.

[6] : Power steering fluid reservoir.

Windscreen Wash Fluid Level



Top up as required. Increase the fluid concentration in winter to prevent the windscreen wash fluid (refer to the manufacturers recommendations on the windscreen wash fluid container).

When the windscreen wash fluid is low a warning message will show in the message centre and an 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 jets are located on the rear edge of the hood.

If adjustment is required, adjust so that the fluid strikes between a third and half way up the windscreen.

1. Changes sides for left and right hand drive.

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.

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 12.3).
2. Make sure that the filler cap is secure after topping up.

! Do not over tighten.

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 12.3).

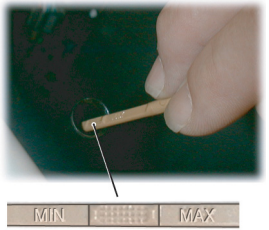
Engine Oil Level Check:

- The vehicle should be on level ground.
- Check the engine oil level every fourth fuel tank fill or weekly - which ever is the sooner.
- The engine should be cold

1. If the vehicle has been driven recently, run the engine until it reaches normal operating temperature, then turn the engine off.
2. Wait 10 minutes to allow to engine oil level to become stable
3. Withdraw and wipe the dipstick clean using a lint free cloth.

4. Fully insert the dipstick into the dipstick tube with the Min. and Max. marking on the blade upwards (facing towards the engine). Withdraw the dipstick again.

5. The engine oil level should read between the Min. and Max. marks.



6. Put the dipstick back into the dipstick tube.
7. If required, remove the engine oil filler cap and top up the engine oil with the recommended engine oil.

Approximately two quarts are required to bring the oil level from Min. to Max.

8. Wait for approximately two minutes for the engine oil to settle, then repeat steps 3 to 6 . Add engine oil if required. **Do not overfill**.
9. Securely refit the engine oil filler cap.

Windscreen Blade Replacement

To replace the windscreen wiper blades, the vehicle must be in wiper service mode.

📖 *The wiper stalk must be set to the OFF position.*

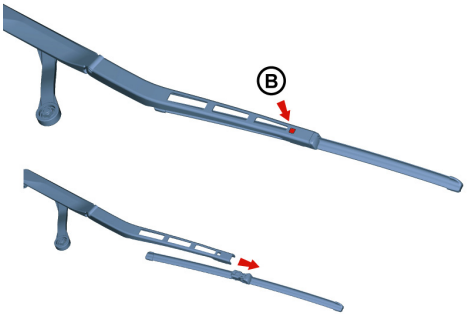
Set the ignition to position 'I' (ignition OFF and accessories ON). To enable wiper service mode, select <*SYSTEM SETTINGS*> and then <*Wiper service*>.

Set the ignition to position 'II' (ignition ON). This moves the wiper blade arms to the 90° position. Set the ignition to position '0'.

Lift the wiper arm(s) up, press at point (B) and remove the worn wiper blade(s). Install the new wiper blade(s) and lower the wiper arm(s).

After replacing the wiper blade either:

- Move the vehicle key back through to position 'II' to lower the wiper arms. Return the vehicle key to position '0' or remove.
- Operate the wiper stalk - the wiper arms will complete the request and then park.



Brake Pad Bedding-in

⚠ 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 your 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 rotors 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.).

Tires

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

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

Tires of the correct size and type, but made by different manufacturers can have widely varying characteristics. Only install tires approved by Aston Martin.

Tire Pressures

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

Check tire pressures regularly and before starting any journey, and adjust accordingly.

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

Tire Service

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

The recommended tires for this vehicle are asymmetrical and must be installed to the wheel with the tire mark 'OUTSIDE' on the outside of the wheel rim.

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

Damage

Tires should be examined at regular intervals for wear and damage. Inspect the tire treads and sidewalls for damage, i.e. bulges in the tread or the sidewalls, cracks in the tread groove and separation in the tread or the sidewalls. If damage is observed or suspected have the tire inspected by a tire professional.

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

Flat Spots

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

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

Age

Local regulations on tire life may apply.

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

New Tires

When new tires are required consult your Aston Martin Dealer for advice if the rear tires are also worn. Each wheel and tire unit must be balanced dynamically and measured for Radial Force Variation (RFV) to make sure of efficient steering, optimum tire wear and maximum ride comfort. Because of the potentially high speeds, it is essential that wheel balancing is carried out when new tires are installed. Contact your Aston Martin Dealer for more information.

Running-In New Tires

When new tires have been installed, speed should be limited, particularly during the first 80 km / 50 mph 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 tires. These marks are integral moulded ribs spaced at regular intervals around the circumference of the tire and extend across the full width of the tread, in all primary grooves.

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

Uniform Tire Quality Grades

The following information relates to the tire grading system developed by the National Highway Traffic Safety Administration, which grades tires by tread wear, traction and temperature performance. All passenger vehicle tires must conform to federal safety requirements in addition to these grades.

Tread Wear

The tread wear grade is a comparative rating based on the wear rate of a tire tested, under controlled conditions, on a specified government test course. For example, a tire graded 150 would wear one and a half times (1½) as well, on the government course, as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the normal due to variations in driving habits, service practices and differences in road characteristics and climate.

Traction

⚠ Warning: The traction grade assigned to this tire is based on straight-ahead braking traction tests and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

The traction grades, from highest to lowest, are AA, A, B, and C. The grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

Temperature

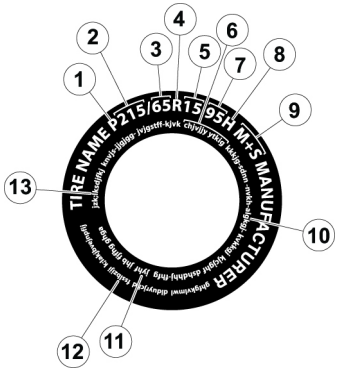
⚠ Warning: The temperature grade for this tire is established for a tire that is correctly inflated and not overloaded. Excessive speed, under inflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger vehicle tires must meet under the Federal Motor Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

Tire Sidewall Information

Both US and Canada Federal regulations require tire manufacturers to place standardized information on the sidewall of all tires. This information identifies and describes the fundamental characteristics of the tire and also provides a Tire Identification Number for safety standard certification and incase of a recall.

'P215/ 65R15 95H' is an example of a tire size, load index and speed rating. The definitions of these items are listed below.



Information on 'P' Type Tires

The tire size, load index and speed rating for your vehicle may be different from this example.

[1] P: A tire, designated by the Tire and Rim Association (T&RA), that may be used for service on cars, SUVs, minivans and light trucks.

If your tire size does not begin with a letter this may mean it is designated by either ETRTO (European Tire and Rim Technical Organization) or JATMA (Japan Tire Manufacturing Association).

[2] 215: The nominal width of the tire in millimetres from side wall edge to side wall edge. In general, the larger the number, the wider the tire.

[3] 65: The aspect ratio which gives the tire's ratio of height to width.

[4] R: Shows a "radial" type tire.

[5] 15: The wheel or rim diameter in inches. If you change your wheel size, you will have to purchase new tires to match the new wheel diameter.

[6] TIRE IDENTIFICATION NUMBER (TIN): (Also known as 'DOT Code') The Tire Identification Number (TIN) begins with the letters 'DOT' and shows that the tire meets all federal standards. The next two numbers or letters are the plant code designating where it was manufactured, the next two are the tire size code and the last four numbers represent the week and year the tire was built. For example, the numbers 317 mean the 31st week of 1997. After 2000 the numbers go to four digits. For example, 2501 means the 25th week of 2001. The numbers in between are identification codes used for traceability. This information is used to contact customers if a tire defect requires a recall.

[7] 95: The tire's load index. It is an index that relates to how much weight a tire can carry. (Refer ro page 12.5)

You may not find this information on all tires because it is not required by federal law.

[8] H: The tire's speed rating. The speed rating denotes the speed at which a tire is designed to be driven for extended periods of time under a standard condition of load and inflation pressure. The tires on your vehicle may operate at different conditions for load and inflation pressure. These speed ratings may need to be adjusted for the difference in conditions. The ratings range from 81-186 mph. These ratings are listed in the following chart.

Letter Rating	Speed Rating
M	81 mph
N	87 mph
Q	99 mph
R	106 mph
S	112 mph
T	118 mph
U	124 mph
H	130 mph
V	149 mph
W	168 mph
Y	186 mph

For tires with a maximum speed capability over 149 mph, tire manufacturers sometimes use the letters ZR. For those with a maximum speed capability over 186 mph, tire manufacturers always use the letters ZR.

[9] TIRE TYPE:

- M+S or M/S
  Mud and Snow
- AT
  All Terrain
- AS
  All Season.

[10] TIRE PLY COMPOSITION AND MATERIAL USED: Shows the number of plies or the number of layers of rubber-coated fabric in the tire tread and sidewall. Tire manufacturers also must show the ply materials in the tire and the sidewall, which include steel, nylon, polyester, and others.

[11] MAXIMUM LOAD: Shows the maximum load in kilograms and pounds that can be carried by the tire. Refer to the Safety Compliance Certification Label, which is located on the B-Pillar or the edge of the driver's door, for the correct tire pressure for your vehicle.

[12] TREAD WEAR, TRACTION AND TEMPERATURE GRADES: (Refer ro page 11.12).

[13] MAXIMUM PERMISSIBLE INFLATION PRESSURE: (Refer ro page 11.15)

Vehicle Loading

Correctly loading this vehicle will provide maximum return of vehicle design performance. Before loading this vehicle, familiarize yourself with the following terms for determining the vehicle's weight ratings from the vehicle's Safety Compliance Certification Label (A) USA, (B) Canada.

MFD Date: Month and Year the vehicle was manufactured (e.g. 01 / 06 = January 2006).

GVWR: Gross vehicle weight (curb weight + full payload).

GAWR F: Maximum load on the front axle.

GAWR R: Maximum load on the rear axle or the Tire label (C).

Seating Capacity: Shows the maximum number of passengers.

Payload: Make sure that the payload (cargo + passengers) does not exceed this limit.

Tire sizes: The size of tires to be used on this vehicle.

Cold inflation pressure: The maximum recommended tire inflation pressure.

The illustrations shown are examples and may not accurately describe the labels on this vehicle.

Both labels are located on the vehicle door opening edge.

Payload: The payload is the combined weight of cargo and passengers that the vehicle is carrying. The maximum payload for your vehicle can be found on the Tire Label on the edge of the driver's door. Look for 'The Combined Weight of Occupants and Cargo Should Never Exceed XXX kg OR XXX lb' for maximum payload. The payload listed on the Tire Label is the maximum payload for the vehicle as built by the assembly plant. If any after market or Aston Martin Dealer installed equipment has been installed on the vehicle, the weight of the equipment must be subtracted from the payload listed on the Tire Label in order to determine the new pay load.

Gross Vehicle Weight: The maximum recommended weight for a vehicle, including: the weight of the vehicle itself, fuel and other fluids, passengers, and all cargo.

Determining the Correct Load Limit

1. Locate the statement 'The combined weight of occupants and cargo should never exceed XXX kg or XXX lb' on the vehicle's tire label.
2. Determine the combined weight of the driver and passengers that will be riding in the vehicle.
3. Subtract the combined weight of the driver and passengers from XXX kg or XXX lb.
4. The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the 'XXX' amount equals 661 lb and there will be four 150 lb passengers in the vehicle, the amount of available cargo and luggage load capacity is 61lb (661–600 (4x150) = 61 lb). In metric units (300–272 (4x68) = 28 kg).
5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

Maximum Permissible Inflation Pressure

The maximum permissible inflation pressure is the tire manufacturer's maximum permissible pressure and / or the pressure at which the maximum load can be carried by the tire. This pressure is normally higher than the manufacturer's recommended cold inflation pressure which can be found on the Safety Compliance Certification Label or Tire Label.

The cold inflation pressure should never be set lower than the recommended pressure on the Safety Compliance Certification Label or Tire Label.

The recommended cold inflation tire pressures for this vehicle can also be found in the specifications chapter of this owner's guidebook (Refer to 'Tires', page 12.5).

Safety Practices

⚠ Warning: If your vehicle is stuck in snow, mud, sand, etc., do not rapidly spin the tires; spinning the tires can tear the tire and cause an explosion. A tire can explode in as little as three to five seconds.

⚠ Warning: Do not spin the wheels at over 35 mph. The tires may fail and injure a passenger or bystander.

Driving habits have a great deal to do with your tire mileage and safety.

- Observe posted speed limits.
- Avoid fast starts, stops and turns.
- Avoid potholes and objects on the road.
- Do not run over curbs or hit the tire against a curb when parking.

Highway Hazards

No matter how carefully you drive there's always the possibility that you may eventually have a flat tire on the highway. Drive slowly to the closest safe area out of traffic. This may further damage the flat tire, but your safety is more important. If you feel a sudden vibration or ride disturbance while driving, or you suspect your tire or vehicle has been damaged, immediately reduce your speed. Drive with caution until you can safely pull off the road. Stop and inspect the tires for damage. If a tire is under-inflated or damaged, deflate it, remove the wheel and replace it with your spare tire and wheel. If you can not detect a cause, have the vehicle towed to the nearest repair facility or tire dealer to have the vehicle inspected.

Tire Terminology

Tire Label: A label showing the OE (Original Equipment) tire sizes, recommended inflation pressure and the maximum weight the vehicle can carry.

Tire Identification Number (TIN): A number on the sidewall of each tire providing information about the tire brand and manufacturing plant, tire size and date of manufacture. Also referred to as DOT code.

Inflation Pressure: A measure of the amount of air in a tire.

Standard Load: A class of P-metric or Metric tires designed to carry a maximum load at 35psi [37psi (2.5bar) for Metric tires]. Increasing the inflation pressure beyond this pressure will not increase the tire's load carrying capability.

Extra Load: A class of P-metric or Metric tires designed to carry a heavier maximum load at 41psi [43psi (2.9 bar) for Metric tires]. Increasing the inflation pressure beyond this pressure will not increase the tire's load carrying capability.

kPa: Kilo pascal, a metric unit of air pressure.

PSI: Pounds per square inch, a standard unit of air pressure.

Cold Inflation Pressure: The tire pressure when the vehicle has been stationary and out of direct sun light for an hour or more and prior to the vehicle being driven for 1 mile (1.6km).

Recommended Inflation Pressure: The cold inflation pressure found on the Safety Compliance Certification Label or Tire Label (found on the edge of the driver's door).

Bead Area of the Tire: Area of the tire next to the rim.

Sidewall of the Tire: Area between the bead area and the tread.

Tread Area of the Tire: Area of the perimeter of the tire that contacts the road when mounted on the vehicle.

Rim: The metal support (wheel) for a tire or a tire and tube assembly upon which the tire beads are seated.

Winter Tires

The tires installed as original equipment are designed with a rubber compound, tread pattern and width specially suited for high speeds in normal road conditions, but they are less suitable during extremes of low temperatures, snow and ice. The use of winter tires will considerably improve handling during these conditions.

Only use Aston Martin approved winter tires.

⚠ Warning: When winter tires are fitted, the maximum speed limit of the vehicle could be reduced. Winter tire speed limits and information should be provided upon installation of the winter tires. Please consult your Aston Martin Dealer for more information.

Winter tires must be installed to the correct winter wheels.

Winter tires must be used in vehicle sets, that is, installed on all four wheels. Do not exceed the tire speed rating when using winter tires.

Snow Traction Devices

⚠ Warning: The maximum speed when using snow traction devices is 48 km/h / 30 mph. Remove the snow traction devices immediately when the roads are clear of snow.

These are for temporary use when driving in heavy snow conditions. Snow traction devices should only be installed to the rear (driven) wheels. For more information regarding the correct snow traction device to fit to your vehicle, contact your Aston Martin Dealer.

Tire Sealant Kit

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

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

⚠ Warning: If a tire pressure of 1.8 bar (26 psi) cannot be reached then the tire can not be sealed. Do not attempt to re-inflate the tire. Contact your Aston Martin Dealer.

⚠ Warning: If the pressure in the tire after driving for 3 km/ 2 miles is below 1.3 bar (19 Ppsi) the tire has not been effectively sealed. The journey should not be continued. Contact your nearest Aston Martin Dealer.

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

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

Inform the tire specialist that the tire contains sealant.

Operation

Remove the tire sealant kit from its location in the trunk. Follow the instructions detailed on the lid.

Read the following instructions and warnings carefully before using the tire sealant kit. Compliance with these instructions is vital to make sure of vehicle and user safety. Non-compliance with these instructions means risking severe tire 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.
- The system should only be used between temperatures of – 40°C and 70°C.
- A maximum speed of 80 km/h (50 mph) may not be exceeded at any time after sealing the tire with the system.
- The system provides only a **temporary emergency repair** for continuing the journey up to 200 km (125 miles) or to the nearest Aston Martin Dealer.
- If the nearest Aston Martin Dealer is over 200 km (125 miles) away, contact your Aston Martin Dealer.
- The system will effectively seal a tire that was punctured by an object with a diameter of up to 6 mm / 0.25 inch. It is possible that a tire, especially with greater damage, will not be sealed. Do not remove objects that punctured the tire if they are still lodged in the tire.
- 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 / 13 gallon (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.

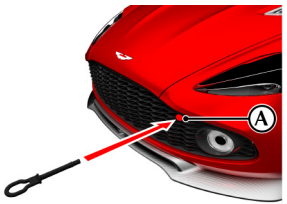
If the park brake was applied and the vehicle has lost power, the park brake will not release. Call Aston Martin Assistance or your local Aston Martin Dealer.

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 moving the vehicle in such a situation:

1. Remove the towing eye from its storage location in the vehicle tool kit (located in the trunk storage area). Insert the towing eye carefully through the grill and install to the exposed female threads (A) until fully engaged against the vehicle body.



The towing eye has a left hand thread.

Protect vehicle paint work when installing the towing eye.

2. If possible, with the engine running, put the transmission into neutral. If the transmission has gone into parklock, (Refer to 'Vehicle Recovery', page 11.18).
3. When being towed use the footbrake very gently when required, to prevent excessive slack in the tow rope.

Parklock

If the vehicle fails to start or has broken down, the automatic transmission will move into P (Park) to prevent unintended vehicle movement. The parklock will not release. Contact Aston Martin Assistance or your nearest Aston Martin Dealer.

Jump Start From Another Vehicle

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

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

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

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

Jump Start Procedure

Remove rings, metal watch bands and any other 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.

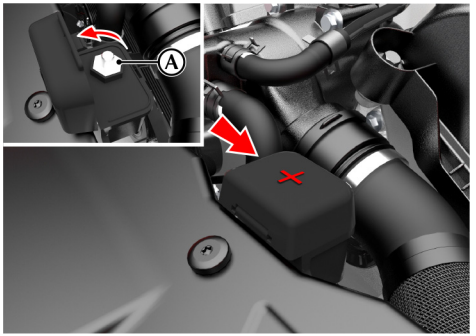
Recharge time will depend on the initial 'state of health' of the discharged battery.

If the vehicle still will not start, consult your Aston Martin Dealer.

1. Position the donor vehicle so that the connecting cables will reach into the recipient engine bay. Apply the park brake and leave the engine running.
2. Access the jump start terminal in the recipient engine bay.
3. Connect the positive cable between the positive terminal of the donor battery and the jump start terminal of the recipient vehicle (A).
4. Connect the negative cable between the negative 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 increase the engine speed and run at about 1500 – 2000 rpm for two minutes[1].

The donor vehicle must be set to OFF. If the donor vehicle is not set to OFF the recipient vehicle will not start.

6. Set the donor vehicle off.
7. Start the engine of the recipient vehicle.



8. Leave the jump start cables attached and the engines running for 2 to 3 minutes to allow the battery to charge.
9. Remove the jump start cables, first the negative cable from both vehicles and then the positive 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.

⚠ 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.

1. Charge time can depend on the battery state of the donor vehicle.

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

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

The vehicle battery is maintenance free and should only require checking by your Aston Martin Dealer during regular vehicle services.

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 materials that, when disposed of incorrectly, may leak into the environment. This can contribute to soil and water pollution and endanger wildlife.

Do not dispose of a battery in fire or water.

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

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

Warnings

The following warnings are located on the vehicle battery.

Battery Protection Mode

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

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

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

Frequently Asked Questions

What is the first sign of battery protection mode?

Warning messages are shown in the message centre.

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 2 to 10 minutes (dependent on the rate of battery charge drain) a message is shown in the infotainment display:

If the audio system is ON, the audio will then stop playing.

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:

- Navigation System
- Audio System

What should I do if the infotainment system shuts down?

Start the engine to recharge the battery. Run the engine for a reasonable length of time.

The infotainment system will not operate without the engine running until the battery has regained its charge. With the engine running the infotainment system will start up.

What is a reasonable length of time to run the engine?

The vehicle battery normally requires a journey of approximately 48 km (30 miles) to recharge. Additionally, you can use the battery conditioner to restore the vehicle battery charge when the vehicle is parked.

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 11.19).

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

Vehicle Battery Charge

Various systems, such as 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 10 days or more a battery conditioner should be used if mains power is available.

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 (30 mile) 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 near the vehicle battery. 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 connecting or disconnecting the battery charger to the vehicle.

The Aston Martin battery conditioner is suitable for use on all types of 12 volt lead acid batteries.

With the trunk lid left open the vehicle doors can be locked and armed.

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.

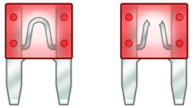
When connected the battery conditioner will maintain a small trickle charge to keep the battery in a fully charged state. The battery conditioner may be left in this state indefinitely.

To Connect a Battery Conditioner

1. Insert the battery conditioner socket plug into an accessory socket
2. Insert the mains plug into the mains supply.

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

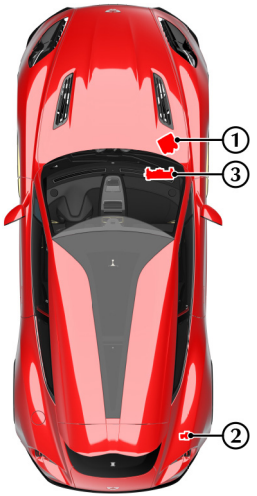
Fuse Boxes



Electrical systems are protected by fuses. If any lamps, accessories, or controls do not function, inspect the applicable fuse.

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 (passenger side)

[2] : Trunk fuse box

[3] : Cabin fuse box

Engine Bay Fuse Box

Fuse	Rating	Function
F1	10A	Engine Management System Electronic Control Unit B - Permanent Power Feed
F2	10A	Engine Fuse Box Relays
F3	10A	Right Side Valved Airbox / Crank Relay / Electric Vapour Management Valve
F4	20A	Engine Management System (Bank A)
F5	20A	Engine Management System (Bank B) / Left Side Valved Airbox
F6	15A	Universal Exhaust Gas Oxygen and Catalyst Monitor Sensor (Bank B)
F7	15A	Ignition Coils (Bank B)
F8	10A	Variable Valve Timing (Bank B)
F9	20A	Fuel Injectors (Bank B)
F10	10A	Air Conditioning Compressor Clutch
F11	15A	Dual Horn
F12	10A	Engine Management System Electronic Control Unit A Permanent Power Feed
F13	20A	Fuel Injectors (Bank A)
F14	10A	Variable Valve Timing (Bank A)
F15	25A	Starter Motor
F16	15A	Ignition Coils (Bank A)
F17	5A	Not Available
F18	15A	Universal Exhaust Gas Oxygen and Catalyst Monitor Sensor (Bank A)
F19	30A	Not Available
F20	30A	Front Daylight Running Lights
F21	30A	Not Available
F22	5A	Mass Air Flow Sensor (Bank A), Oil Level/Temperature Sensor
F23	-	Not Available
F24	5A	Not Available
F25	5A	Mass Air Flow Sensor B, Engine Coolant Level Sensor
F26	20A	Headlamp Wash Pump
F27	40A	Anti-lock Braking System Module
F28	10A	Vehicle Key Reader / Steering Angle Sensor, Fuel Tank Leakage Diagnostic Pump / Anti-lock Braking System Module / Electronic Steering Column Lock / Brake Pedal Switch
F29	20A	Anti-lock Braking System Module
F30	5A	Anti-lock Braking System Module
F31	40A	Engine Fuse Box Relays
F32	30A	Wiper Motor (Slow)
F33	30A	Wiper Motor (Fast)
F34	15A	Not Available
F35	80A	Fan Control Module (x2)

Trunk Fuse Box

Fuse	Rating	Function
F1	5A	Not Available
F2	20A	Trunk 12V Accessory Socket
F3	30A	Not Available
F4	20A	Left Hand Rear Quarterlight Motor
F5	30A	Not Available
F6	20A	Right Hand Rear Quarterlight Motor
F7	5A	Not Available
F8	30A	Fuel Pump Driver Module
F9	30A	Not Available
F10	30A	Not Available
F11	10A	Infotainment Control Unit
F12	20A	Not Available
F12	20A	Not Available
F13	10A	Not Available
F14	5A	Not Available
F15	5A	Not Available
F16	30A	Not Available
F17	5A	Not Available
F18	30A	Not Available
F20	20A	Not Available
F21	30A	Not Available
F22	20A	Not Available

Cabin Fuse Box

Fuse	Rating	Function
F43	15A	Heating Ventilation and Air Conditioning Module / Transmission Control Module
F44	10A	Restraints Control Module
F45	15A	Cubby Box 12V Accessory Socket
F46	5A	Infotainment Control Unit / Satellite Navigation / Screen Deploy Motor / Switch Illumination / Front Seats
F47	5A	Interior Lamps / Electrochromatic Mirror / Garage Door Opener (Optional)
F48	15A	Washer Relay
F49	10A	Restraints Control Module / Seat Weight Sensor Electronic Control Unit (Federal)
F51	10A	On Board Diagnostics Sockets / Adaptive Damping / Exhaust Bypass / Centre Console Module
F52	5A	Not Available
F53	10A	Power Assisted Steering
F54	10A	Tire Pressure Monitoring / Heating, Ventilation and Air-Conditioning Blower Relay / Transmission Control Module
F55	20A	Engine Bay Fuse Box Permanent Power Feed
F56	10A	Satellite Navigation / Digital Tuner / Security Sounder
F57	15A	On Board Diagnostics Sockets / Brake Pedal Switch
F58	7.5A	Right Headlamp High Beam
F59	7.5A	Left Headlamp High Beam
F60	15A	Left Seat Heating and Ventilation
F61	15A	Right Seat Heating and Ventilation

Fuse	Rating	Function
F62	20A	Front 12V Accessory Socket
F63	20A	Adaptive Damping System Module
F64	5A	Active Aero
F65	5A	Antenna Amplifiers / B&O Audio Amplifier
F66	10A	USB Sockets/ Rear Camera/ Front Camera
F67	15A	Not Available
F68	5A	Rear Fuse Box Relay Coils
F69	5A	Rain Light Sensor Electrochromatic Roof
F73	5A	Dynamic Stability Control Switch
F74	15A	Fuel Pump Relay
F77	15A	Centre Console Module
F79	5A	Back Up Relay
F80	5A	
F81	20A	Key Dock
F82	25A	Left Hand Door Module
F83	25A	Right Hand Door Module
F84	25A	Right Hand Seat Electronic Control Unit and Backrest Release
F85	25A	Left Hand Seat Electronic Control Unit and Backrest Release
F86	5A	Battery Disconnect Module / Key Dock / Driver Information Module

Headlamp

Owners who wish to take this vehicle to countries with opposite hand of drive 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 after the headlamps have been set to ON.

Dipped/Main Bulb

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

High Intensity Discharge (HID) bulbs are used for 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 your Aston Martin Dealer if a HID bulb fails to operate.

Other External Lamps

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

- Front Daytime Running Lights
- High Level Stop Lamp
- Front Indicator and Parking Lamps
- Side Indicators
- Registration Plate Lamps
- Fog and Reversing Lamps
- Rear Lamp Clusters.

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

Rear Lamp Clusters

The rear indicators, stop and tail, reversing lamps and rear fog LEDs are contained in a sealed lamp cluster unit, one either side of the vehicle. The lamp cluster is not repairable. If a rear lamp fails, contact your Aston Martin Dealer.

Internal Lamps

[1] : Front reading lamps: LED

[2] : Front footwell lamps: Type: W5W (Blue). Rating: 5W.

[3] : Door puddle lamps: Type: W5W (Blue). Rating: 5W.

[4] : Rear environment: Type: W5W (Blue). Rating: 5W

To renew a bulb:

1. Taking care not to damage the vehicle trim, lever out the lens unit.
2. Replace the faulty bulb.
3. Replace the lens unit.

Luggage Compartment Lamps

Bulb Specification

The luggage compartment has three lights, one each side and one in the centre.

Rating - 5W

Type - W5W Blue

To remove a bulb:

- Taking care not to damage the vehicle trim, lever out the lens unit.
- Remove the bulb holder.
- Replace the defective bulb.
- Install the bulb holder and clip the lens unit into its housing.

Door Window Reset

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

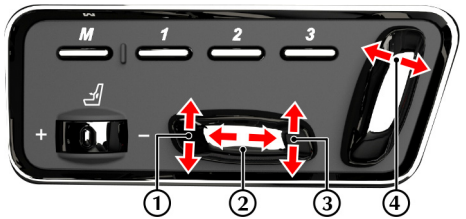
1. Sit in the driver's seat with all doors closed, insert the vehicle key into the ignition control and move to position 'II' (ignition ON).
2. Press firmly and hold the window switch until the window is at the maximum down position. Continue to hold the button for five seconds then release.
3. Pull 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: Do not sit in the seat while you do the seat reset procedure. Seat movement will restrict the occupancy area.

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



The seat must be moved to its limit of travel and allowed to stall for 1 second for each axis. If the seat is not held at its limit of travel, the seat memory will not learn this as its fully travelled position.

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.

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:

- 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.

Other groups of contaminants may be added to this list as experience of water based paints and finishes increases.

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 are able to supply a range of products to clean and protect your vehicle. Contact you Aston Martin Dealer for further information.

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 water and cleaning products have 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 trunk 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. Add a mild neutral detergent, as directed by the detergent manufacturer to one of the buckets.
2. Use a hose to remove all dust and mud residue from the vehicle. Don't use a strong jet, as this can rub grit over the paint and scratch it.
3. Soak a large clean wash mitt or a soft clean sponge in the soapy water, 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 as this can 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 Grille

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

Ceramic Brake Rotors

To avoid possible damage to the ceramic brake rotors, when washing the road wheels with products or materials other than a mild soapy water solution always remove the wheels from the vehicle.

Road Wheels

To avoid possible damage to the alloy road wheels, wheel nuts and 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 hand crafted leather. In order to maintain the beauty of leather it will require regular cleaning, which, if neglected, may cause deterioration. Where dust and dirt are allowed to accumulate and become ingrained in the surface the leather may become permanently damaged. Leather faced features should be cleaned with a damp cloth moistened with an undiluted leather cleaner.

Do not use detergents, quick cleansers or furniture polishes. These products may initially give an 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 anodized 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.

Aniline Leather

Aniline leather is a truly natural material and may show marks from the animal which can been seen throughout the hide. The soft nature of aniline leather means that it will mature over time with use and may change in appearance as a result. Additionally there is potential for dye transfer on to light coloured clothing and discolouration when left in direct sunlight.

! As aniline leather is entirely natural and has no protective coating, it is very vulnerable to staining from liquids if any cleaning fluids, including water, are rubbed in to the material. It is very important that care is taken to not mark or contaminate the leather.

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 Hood Cleaning

Under hood cleaning using high pressure hoses or steam cleaners should not be carried out. The electronic control module connections and fuse boxes can be damaged by indiscriminate use of high pressure cleaning equipment.

Recommendations

These recommendations apply to new and pre-owned 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 tires, 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 tire pressures to 3.4 bar / 50 psi. Cover the tires to exclude any light. Turn the wheels ¼ turn every month to avoid tire flat spots.
4. Close the convertible roof.

It is recommended that the convertible roof remains in the closed position. Do not leave the roof in the lowered (folded) position as permanent damage may occur to the roof fabric.

5. If mains power is available, use a battery conditioner to maintain the battery in a fully charged state.
6. Once a month:
   - 6.1 Disconnect the battery conditioner (if installed).
   - 6.2 Start and operate the engine until it is fully warmed up.
   - 6.3 Check there are no fluid leaks.
   - 6.4 Set the ignition to OFF.
   - 6.5 Connect a battery conditioner.
   - 6.6 Check and correct tire pressures if necessary. When returning the vehicle to normal service, set the tire pressures to normal specification before driving on the road.

Excessive sunlight and humidity can increase the vehicle temperature, which can cause damage to the vehicle interior and trim. If storing the vehicle in these conditions, Aston Martin recommend using a solar reflecting car cover to prevent any potential damage due to high temperatures.

Extended Storage

For storage periods exceeding six months the following measures are recommended:

Do not drain the 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. Inspect rubber connections of coolant system and have them renewed if necessary.
3. 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.
4. Clean the carpets and upholstery thoroughly. Treat all leather upholstery with an application of a leather conditioner or preservative.
5. Close the convertible roof.

It is recommended that the convertible roof remains in the closed position. Do not leave the roof in the lowered (folded) position as permanent damage may occur to the roof fabric.

6. If the storage building is dry then 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.

1. Check the tire pressures, inflate if necessary, lower the vehicle to ground.
2. Check the coolant level and, if necessary, top up with the correct antifreeze to water solution.
3. Check all fluid levels and top up as necessary.
4. Fill the fuel tank.

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

5. Start the engine normally and allow the engine to idle. Check that the oil pressure and ignition warning symbols go OFF (correct oil pressure and battery charging).
6. Raise the hood and check for leaks of fuel, oil and coolant.
7. Check the operation of the convertible roof (if installed) and check for oil leaks. If the roof does not operate correctly during first use, operate the roof a few times (with the engine running to keep the battery at full voltage). If the roof still does not operate correctly contact your Aston Martin Dealer.
8. Carefully test drive your vehicle and check the operation of all functions.

Braking performance can be impaired, initially, due to a fine film of corrosion on the brake rotor surface. Drive conservatively and, when safe to do so, frequently apply the brakes until rotor surfaces have been cleaned. Full braking performance should then be restored.

If in any doubt about the condition of your vehicle, have it checked by your Aston Martin Dealer.

Specifications

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Transmission 12.2
Performance 12.2
Fluids and Capacities 12.3
Suspension 12.4
Suspension 12.4
Brakes 12.4
Wheels 12.4
Tires 12.5
Bulbs 12.5
Vehicle Specification 12.5

Engine

All alloy, independent quad variable camshaft timing, overhead cam 48 valve V12.

Capacity: 5935 cc

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

Idle Speed: 650 rpm

Bore: 89.0 mm (3.504 in)

Stroke: 79.5 mm (3.13 in)

Spark Plugs: NGK: SITR7A11G

Spark Plug Gap: 1.1 mm (0.043 in) +0.0/-0.1 mm (0.004 in)

Compression Ratio: Ignition: 'Coil on Plug' ignition system.

Emission Control: Eight oxygen sensors (four per exhaust manifold). Four three-way catalytic converters (two per exhaust manifold). Two additional underfloor three-way catalytic converters. Evaporative loss purge.

Lubrication: Wet sump pressurized lubrication.

Fuel Delivery System: Multi point sequential fuel injection.

Electrics

Alternator: Denso SC5 200 Amps

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

Battery: Banner 88 AH

Transmission

Automatic Transmission

Touchtronic III 8-speed with 'Shift By Wire' (SBW) gear shift technology.

Gear Ratios	
1st	4.714
2nd	3.143
3rd	2.106
4th	1.667
5th	1.285
6th	1.000
7th	0.839
8th	0.667
Reverse	3.317

Final Drive

Ratio: 2.73:1. Multi-plate limited slip differential.

Performance

Maximum Power: 580 bhp (433 kW) @ 7000 rpm

Maximum Torque: 465 lb.ft (630 Nm) @ 5500 rpm

Maximum Speed (Where permitted):
198 mph (319 km/h)

0-62 mph (0-100 km/h): 3.5 Seconds

Maximum Engine Speed: 7000 rpm

Recommended Fluids

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

Use of fuels containing more than 10% Ethanol are not recommended.

Engine Oil: Fully synthetic 0W-40 or 0W-30 oil meeting the specifications detailed below can be used. No other viscosity grades or specifications are acceptable.

To achieve the required high performance of synthetic lubricants, do not mix with mineral oils.

0W-40

Authority	Standard
API	SL / SJ / EC / CF
ACEA	A3 / B3 / B4
ILSAC	GF3

0W-30

Authority	Standard
API	SL / SJ / EC / CF
ACEA	A1 / A5 / B1 / B5
ILSAC	GF3

Only use oils 'Certified For Gasoline Engines' by the American Petroleum Institute (API).

An oil with this trademark symbol conforms to the current engine and emission system protection standards and fuel economy requirements of the International Lubricant Standardization and Approval Committee (ISLAC), comprised of U.S. and Japanese automobile manufacturers.

Engine Coolant: 50% water, 50% Havoline XLT

Brake Fluid: Castrol React Performance DOT 4

Power Steering Fluid: Pentosin CHF-11S

Air Conditioner Refrigerant: (Market Dependent)

HFO 1234YF

HFC 134A

Vehicle air conditioning refrigerant is shown on air conditioning label on the right side of the engine bay.

Refrigerant gas types must not be mixed. If you do, the air conditioning system can be damaged. If in doubt, consult your Aston Martin Dealer.

Capacities

Engine Sump (including filter):
13.1 litres
(13.8 quarts)

Engine Cooling System:
15 litres
(15.8 quarts)

Power Steering System:
1.3 litres
(1.4 quarts)

Screen Washer Reservoir:
6.9 litres
(7.3 quarts)

Fuel Tank:
80.0 litres (Approximately 78.0 litres usable.)
21.1 gallons (Approximately 20.6 gallons usable.)

Suspension

Front: Aluminium independent double wishbone incorporating anti-dive geometry. Coil over aluminium monotube dampers and anti-roll bar.

Rear: Aluminium independent double wishbone incorporating longitudinal control arms. Coil over aluminium monotube dampers and anti-roll bar.

Features

- Dynamic Stability Control (DSC)
- Adaptive Damping System (ADS)

Steering

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

Turns Lock to Lock: 2.6

Turning Circle: 12.0 m (Kerb to Kerb)

Total Toe: Refer to your Aston Martin Dealer for the correct data.

Brakes

Footbrake

Ventilated Carbon Ceramic Rotors

	Front	Rear
Diameter	398 mm 15.6 inches	360 mm 14.1 inches
Calipers	Six piston	Four piston

Park Brake

Lever and cable operated independent park brake calipers on each rear brake rotor.

Brake System Features

- Anti-lock Braking System (ABS)
- Hydraulic Brake Assist (HBA)
- Electronic Brake force Distribution (EBD)
- Traction Control (TCS)

Wheels

Aston Martin Aluminium Alloy

Front	Rear
9J x 20	11.5J x 20

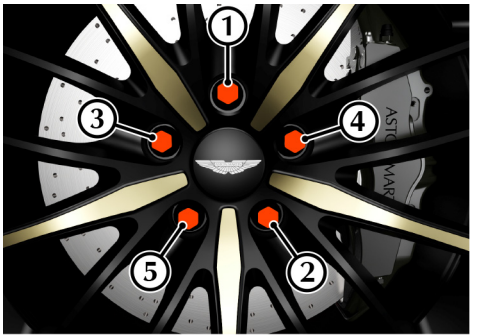
Winter Wheels

Front	Rear
8.5J x 20	11J x 20

Only winter tires are to be installed on the winter wheels.

Wheel Nut Torque

Tighten all wheel nuts in two stages.



1. Tighten every second nut (as shown in the diagram) to 80 Nm (60 lb/ft) until all five nuts are tightened.
2. Tighten every second nut (as shown in the diagram) to 180 Nm (133 lb/ft) until all five nuts are tightened.

Tires

The original equipment tires, including winter tires, installed to this vehicle are an approved specification, designated either by: 'AM4' for summer tires or 'AMS' for winter tires on the sidewall.

Summer Tires

	Front	Rear
Pirelli P-Zero	255/35 R20	305/30 R20

Winter Tires

⚠ Warning: When winter tires are fitted, the maximum speed limit of the vehicle could be reduced. Winter tire speed limits and information should be provided upon installation of the winter tires. Please consult your Aston Martin Dealer for more information.

	Front	Rear
Pirelli W270 Sotto Zero	245/35 R20 95W XL	295/30 R20 101W XL

Winter tires must only be installed to winter wheels.

Tire Loading

Tires installed to this vehicle shall have a maximum load rating not less than 730 kg (1609 lbs) front and 875 kg (1929 lbs) rear, or a load index of 97 XL (front) and 103 XL (rear) and a speed category of ZR.

Tire Air Pressures

Cold Inflation (All Tires)

Front	Rear
2.5 bar	2.6 bar

Bulbs

	Rating	Type
Headlamp dipped and main beam	35W	D1S HID
Front indicator lamps	7.3W	8 Amber LED
Side indicator lamps		LED
Door lamps	5W	W5W
Trunk lamps	5W	W5W
Footwell lamps	5W	W5W
Front environment position lamps		LED
Daytime running lights		LED
Rear environment lamps	5W	W5W
Reading lamps		LED
High mounted stop lamp		LED
Registration plate lamps		LED

The front headlamp and rear lamp cluster are sealed units. If any cluster lamp fails to operate contact your Aston Martin Dealer.

The rear lamp cluster is a sealed unit. If any rear cluster lamp fails to operate contact your Aston Martin Dealer.

Vehicle Specification

Body

Two door coupe with 2+0 seating.

Extruded aluminium bonded monocoque. Aluminium composite and carbon fibre composite skin panels. Extruded aluminium door side impact beams.

Towing

This vehicle is not engineered to tow any form of caravan, boat or trailer.

No towing devices are approved to install to this vehicle, other than a front towing eye to aid recovery or loading of this vehicle onto a transporter.

Vehicle Weights

Kerb Weight: 1849 kg / 4076 lb

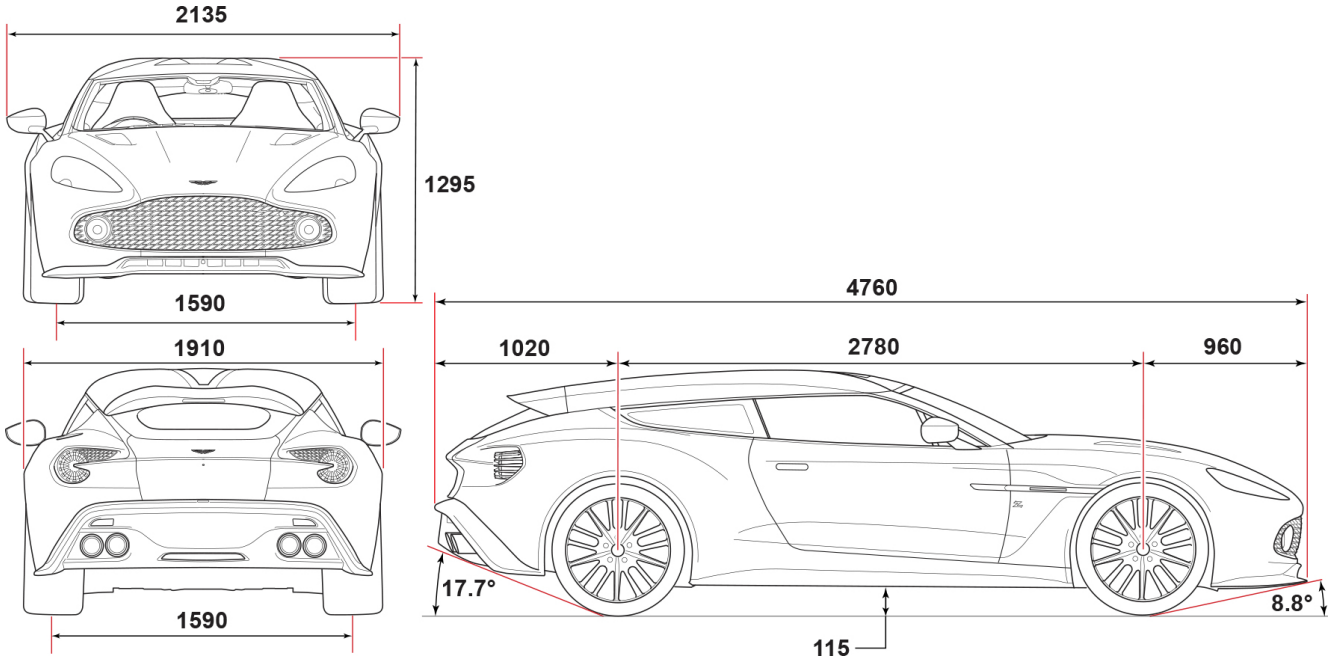
Trunk Load: 40kg / 88 lb (Maximum load, evenly distributed.)

Interior Dimensions

Effective Headroom	973 mm 38.3 Inches
Effective Legroom	1144 mm 45 inches
Trunk Volume	170 ltr 6 Cu Ft

Exterior Dimensions

Ride height is measured at Gross Vehicle Weight (GVW). Dimensions shown in millimetres.



Service

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Replacement of Seat Belt Pre-tensioners A.32
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Pre-delivery Inspection

This free series of checks is carried out on the vehicle by the Selling Dealer before delivery. The checks make sure that you receive a vehicle which matches the high quality standards set by Aston Martin Limited.

The list below applies to all Aston Martin vehicles. Your Aston Martin may or may not have all or some of the functionality listed.

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

- Gear selection
- Throttle pedal operation
- Park brake operation
- Steering column adjustment and lock operation
- Seat adjuster rails
- Hood release and catch
- Door operation and locks
- Storage compartments
- Rear view mirror
- Trunk release and catch
- Seat belt operation.

Electrical Checks

- Battery condition
- Gear selection
- Heated rear window
- 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
- Cigar lighter (Option)
- All seat functions
- Door window mechanisms
- Door and trunk lamps
- Central locking system
- Filler flap lock operation
- Door mirror adjustments
- Interrogate fault codes
- Record battery open-circuit voltage
- Tire pressure sensing
- Centre console controls.

Wheels and Tires

- Install locking road wheel nuts (option)
- Check road wheel nuts torque
- Tire pressures
- Tire orientation.

Road Test

- Engine
- Transaxle
- Steering
- Brakes
- Wheel balance
- Adaptive dampers
- 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, adaptive damping and anti-lock braking system operation
- Transmission oil cooler.

Final Checks

- Drive belt tensioner operation
- Fuel and brake pipe security
- Fuel and fluid leaks
- Security of cooling hoses
- Exhaust catalyst security.

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
- Install carpets
- Remove interior protection
- Check owner's guidebook
- Check tools
- Install registration plates
- Tire sealant kit
- Towing eye
- Battery conditioner (option)
- Field service actions and recall status.

Free Pre-delivery Inspection

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Signature:	
Date:	

Service Periods

Vehicle servicing is every 16,000 km (10,000 Miles) or 12 months, which ever occurs first.

- 16,000 km /10,000 miles or 12 months
- 32,000 km / 20,000 mile or 24 months
- 48,000 km / 30,000 mile or 36 months

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.

16,000 km / 10,000 miles / 12 months	32,000 km / 20,000 miles / 24 months	Item
Pre Maintenance Work		
		Install the vehicle protection kit.
		Check the Diagnostic Trouble Codes (DTCs).
Under Body		
x	x	Examine the condition, operation and attachment of the engine, transmission mounting system and check for leaks.
x	x	Examine the condition, operation and attachment of the exhaust system, heat shields, bypass valve operation and check for leaks.
x	x	Examine the condition, operation and attachment of the suspension and steering system for wear. Examine for leaks.
x	x	Examine the condition, operation and attachment of the braking system for wear and adjustment. Examine for leaks.
x	x	Examine the condition, operation and attachment of the park brake system for wear and adjustment.
x	x	Examine the condition, operation and attachment of the drive shafts.
x	x	Examine the condition, operation and attachment of the wheel arch liners and under body protection.
x	x	Examine the condition, operation and attachment of the cooling pack assembly. Examine for leaks..
x	x	Examine the condition, operation and attachment of all under body fluid pipes and hoses and check for leaks.
5 Years		Replace engine coolant.
	x	Automatic Transmission: Check and adjust the oil level in the differential.
60,000 mls/96,000 km		Automatic Transmission: Replace the oil and clean the filter in the differential.
	x	Replace the brake fluid.

16,000 km / 10,000 miles / 12 months	32,000 km / 20,000 miles / 24 months	Item
Upper Body		
x	x	Replace the engine oil.
x	x	Replace the engine oil filter.
20,000 mls/32,000 km		Replace the pollen filter and air filter (optional).
x	x	Examine the condition, operation and attachment of the accessory drive belt.
x	x	Examine the condition, operation and attachment of the power steering system. Examine for leaks..
x	x	Examine the condition, operation and attachment of the brake system. Examine for leaks.
x	x	Examine the condition, operation and attachment of the fuel system. Examine for leaks.
x	x	Examine the condition, operation and attachment of the air conditioning system. Examine for leaks..
x	x	Check all power steering system fluid levels and adjust accordingly. Check for leaks.
x	x	Check all braking system fluid levels and adjust accordingly. Check for leaks.
x	x	Check all cooling system fluid levels and adjust accordingly. Check for leaks.
x	x	Check all screen and headlight wash system fluid levels and adjust accordingly. Check for leaks.
60,000 mls/96,000 km		Replace the oil and clean the filter in the automatic differential.
70,000 mls/112,000 km		Replace the spark plugs.

16,000 km / 10,000 miles / 12 months	32,000 km / 20,000 miles / 24 months	Item
General		
x	x	Examine the condition, operation and attachment of all the occupant restraint systems.
x	x	Examine the condition, operation and attachment of all the door locks, latches, hinges, hood catches. Lubricate if necessary.
x	x	Examine the condition, operation and attachment of the wiper blades and wash system including headlights.
x	x	Examine the condition, operation and attachment of all the light units and the horn.
x	x	Examine the condition of the road wheels. Check the wheel nut torque is correct.
x	x	Complete the tire report. If necessary, adjust the tire pressures.
x	x	Complete the functional test of the tire pressure sensor system.
x	x	Reset the service interval indicator.
Road Test		
x	x	Check the powertrain system for excessive noise, vibration and harshness.
x	x	Check the braking system for excessive noise, vibration and harshness.
x	x	Check the suspension system for excessive noise, vibration and harshness.
x	x	Check the steering system for excessive noise, vibration and harshness.
x	x	Check the wheels and tires for excessive noise, vibration and harshness.
x	x	Check the cabin environment for excessive noise, vibration and harshness.
x	x	Check the driver information and warning system operation.

Service Record

The following service records cover the regular services at 16,000 km, 10,000 miles or 12 months intervals, which ever occurs first. Make sure that at each service the appropriate entry is stamped and signed as completed.

Vehicle Model:

_____

Registration Number:

_____

Vehicle Identification Number (VIN):

_____

Delivery Date:

_____

1 Year / 10,000 Miles / 16,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

2 Years / 20,000 Miles / 32,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

3 Years / 30,000 Miles / 48,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

4 Years / 40,000 Miles / 64,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

5 Years / 50,000 Miles / 80,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

6 Years / 60,000 Miles / 96,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

7 Years / 70,000 Miles / 112,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

8 Years / 80,000 Miles / 128,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

9 Years / 90,000 Miles / 144,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

10 Years / 100,000 Miles / 160,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

11 Years / 110,000 Miles / 176,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

12 Years / 120,000 Miles / 192,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

13 Years / 130,000 Miles / 208,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

14 Years / 140,000 Miles / 224,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

15 Years / 150,000 Miles / 240,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

16 Years / 160,000 Miles / 256,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

17 Years / 170,000 Miles / 272,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

18 Years / 180,000 Miles / 288,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

19 Years / 190,000 Miles / 304,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

20 Years / 200,000 Miles / 320,000 Km

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

Brake Rotor Check

At each brake pad change (per axle), the ceramic brake rotors are required to be cleaned, dried and weighed. Record the date of each brake pad change and rotor weight.

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle):	lb	lb
Rotor Weight (Rear Axle):	lb	lb
Odometer:		
Signature:	Date:	

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle):	lb	lb
Rotor Weight (Rear Axle):	lb	lb
Odometer:		
Signature:	Date:	

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle):	lb	lb
Rotor Weight (Rear Axle):	lb	lb
Odometer:		
Signature:	Date:	

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle):	lb	lb
Rotor Weight (Rear Axle):	lb	lb
Odometer:		
Signature:	Date:	

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle):	lb	lb
Rotor Weight (Rear Axle):	lb	lb
Odometer:		
Signature:	Date:	

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle):	lb	lb
Rotor Weight (Rear Axle):	lb	lb
Odometer:		
Signature:	Date:	

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle):	lb	lb
Rotor Weight (Rear Axle):	lb	lb
Odometer:		
Signature:	Date:	

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle):	lb	lb
Rotor Weight (Rear Axle):	lb	lb
Odometer:		
Signature:	Date:	

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle):	lb	lb
Rotor Weight (Rear Axle):	lb	lb
Odometer:		
Signature:	Date:	

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle): lb lb

Rotor Weight (Rear Axle): lb lb

Odometer:

Signature: Date:

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle): lb lb

Rotor Weight (Rear Axle): lb lb

Odometer:

Signature: Date:

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle): lb lb

Rotor Weight (Rear Axle): lb lb

Odometer:

Signature: Date:

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle): lb lb

Rotor Weight (Rear Axle): lb lb

Odometer:

Signature: Date:

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle): lb lb

Rotor Weight (Rear Axle): lb lb

Odometer:

Signature: Date:

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle): lb lb

Rotor Weight (Rear Axle): lb lb

Odometer:

Signature: Date:

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle): lb lb

Rotor Weight (Rear Axle): lb lb

Odometer:

Signature: Date:

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle): lb lb

Rotor Weight (Rear Axle): lb lb

Odometer:

Signature: Date:

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle): lb lb

Rotor Weight (Rear Axle): lb lb

Odometer:

Signature: Date:

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle): lb lb

Rotor Weight (Rear Axle): lb lb

Odometer:

Signature: Date:

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle): lb lb

Rotor Weight (Rear Axle): lb lb

Odometer:

Signature: Date:

Brake Pads Changed - Brake Rotors Checked

Rotor Weight (Front Axle): lb lb

Rotor Weight (Rear Axle): lb lb

Odometer:

Signature: Date:

Replacement of Airbag Units

Aston Martin recommend that all airbag units are replaced every 10 years from the date of manufacture. To make sure this is completed correctly and safely, this work should be carried out by your Aston Martin Dealership.

Airbag Replacement 10th Year

Odometer:

Date:

Signature:

Airbag Replacement 20th Year

Odometer:

Date:

Signature:

Replacement of Seat Belt Pre-tensioners

Aston Martin recommend that all seat belt pre-tensioners units are replaced every 10 years from the date of manufacture. 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

Odometer:

Date:

Signature:

Seat Belt Pre-Tensioners Replacement 20th Year

Odometer:

Date:

Signature:

Field Service Actions

Action No.	Date	Dealer	Action No.	Date	Dealer

Service Action Recalls

Action No.	Date	Dealer

Recall No.	Date	Dealer

Aston Martin Warranty

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1 Aston Martin Warranties

This chapter contains information essential for the understanding of the Aston Martin warranties and for the implementation of any necessary Warranty rectification. It is recommended that you read this chapter carefully to familiarize yourself with the benefits available under the various warranties.

1.1 Warranty Communications

Any communications regarding Warranty should initially be addressed to your Aston Martin Dealer. If necessary, you may communicate with Aston Martin at the appropriate address listed.

National After Sales Manager,
Aston Martin Lagonda of North America Inc.
9920 Irvine Centre Drive,
Irvine,
CA 92618

Or:

Warranty Department
Aston Martin Lagonda Limited,
Banbury Road,
Gaydon,
Warwick,
CV35 0DB,
England

1.2 Warranties

All Aston Martin warranties are issued by Aston Martin Lagonda Limited on behalf of Aston Martin Lagonda of North America Inc., the sole authorized United States agent of Aston Martin vehicles.

The warranties provided herein are for the benefit of the original purchaser and any subsequent owner during the relevant Warranty Period (defined below) in the Serviced Countries (defined below).

An Aston Martin vehicle is built and homologated to support the Region for which it is manufactured and is compliant with the local regulatory requirements of that Region. As a result, the warranties cover Aston Martin vehicles that are built for and supplied to the Region.

For the purposes of this Owner's Guide, 'Region means one of the following territories:

- the Americas, including the United States, Canada, and South America; or
- the United Kingdom, Europe, Russia and South Africa; or
- the Middle East, North Africa and India; or
- Asia Pacific, including China, Japan, Taiwan, Hong Kong, Singapore, Australia and New Zealand.

'**Serviced Countries**' means either: (a) any country in the Region from which your Aston Martin vehicle was purchased, where there is an Aston Martin authorized dealer or repairer; or (b) any country agreed in writing with Aston Martin.

The warranties provided herein are for the benefit of the original purchaser and any subsequent owner during the relevant Warranty Period (defined below). The warranties cover Aston Martin vehicles that are built for and supplied to the Region.

The Warranty period for all Warranties (defined below) for vehicles begin on the date of first retail sale, or on the date of entry into demonstrator service, whichever comes first.

A summary of all Aston Martin warranties applicable to this vehicle (together the Warranties) are as follows:

a) New Vehicle Limited Warranty

Bumper to bumper: Three years, unlimited mileage.

b) Vehicle Anti-Perforation Corrosion Warranty

Period of cover: Ten years, unlimited mileage.

c) Vehicle Emission Warranties (Federal)

Emissions Defects Warranty: Three years or 36,000 miles of vehicle use.

Certain emission parts:[1] Eight years or 80,000 miles of vehicle use.

Emissions Performance Warranty: Two years or 24,000 miles of vehicle use.

d) Vehicle Emission Warranties (Californian Vehicles)

Emissions Defect Warranty (Short Term): Three years or 50,000 miles of vehicle use.

Emissions Defect Warranty (Long Term):[2] Seven years or 70,000 miles of vehicle use.

Emissions Performance Warranty: Three years or 50,000 miles of vehicle use.

1. Catalytic convertor, the electronic emissions control unit and / or the on-board emissions diagnostic device (required eight years or 80,000 miles (129,000 km) coverage per Clean Air Act).
2. These specific parts were selected on the basis of their estimated replacement cost at the time your vehicle was certified by the California Air Resources Board (CARB) for sale in California.

1.3 Changes to Vehicles

Aston Martin and its authorized dealers (the **'Dealers'**) reserve the right to make changes in or additions to vehicles built or sold by them at any time without incurring any obligation to make the same or similar changes or additions to vehicles previously built or sold.

1.4 Reservation of Rights

Aston Martin and its Dealers reserve the right to provide post-Warranty repairs, conduct recalls, or extend the Warranty coverage period for certain vehicles or vehicle populations, at Aston Martin's sole discretion. The fact that Aston Martin provided such measures to a particular vehicle or vehicle population, does not in any way obligate Aston Martin to provide similar accommodations to other owners of similar vehicles.

1.5 Condition

As a fundamental condition of the Warranties, you are responsible for correctly using, maintaining and caring for your vehicle in accordance with the Aston Martin Owner's Guide (the **'Owner's Guide'**). Aston Martin recommends that you maintain copies of all maintenance records and receipts for review by Aston Martin.

2.1 Warranty Limitations

This New Vehicle Limited Warranty is the only express Warranty applicable to your vehicle. Aston Martin neither assumes, nor authorizes anyone to assume for it, any other obligation or liability in connection with this Warranty. No person, including Aston Martin employees or Dealers, can modify or waive any part of this Warranty.

a) Limitation of Remedies

Under this Warranty, it is agreed that the sole exclusive remedy against Aston Martin and its authorized Dealers shall be for the repair or replacement of defective parts as provided herein. The sole purpose of this exclusive remedy shall be to provide for the free repair and replacement of defective parts in the manner prescribed in this Warranty.

This exclusive remedy shall not be deemed to have failed its essential purpose so long as Aston Martin, through its authorized Dealers, is willing and able to repair or replace defective parts in the prescribed manner.

Aston Martin and its Dealers are not responsible to you for any time or income that you lose, any inconvenience you might be caused, the loss of your transportation or use of your vehicle, the cost of rental vehicles, fuel, telephone, travel, meals or lodging, the loss of personal or commercial property, the loss of revenue, or for any other incidental or consequential damages you may have.

Punitive, exemplary, or multiple damages can not be recovered unless applicable law prohibits their disclaimer. You may not bring any warranty-related claim as a class representative, a private attorney general, a member of a class of claimants or in any other representative capacity.

Aston Martin shall not be liable for any damages caused by delay in delivery or furnishing of any products and /or services.

b) Implied Warranties and Consequential Damages

Under the law of some States, you as the owner may be entitled to the benefit of the implied warranties of merchantability or fitness for intended purpose. These implied warranties are limited to the extent allowed by law to the time period covered by the written warranties, or the applicable time period provided by State Law, whichever period is shorter.

Some States do not permit a limitation on how long an implied warranty will last, or on the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives owners specific legal rights, and they may also have other rights that vary from State to State.

3 New Vehicle Limited Warranty Statement

3.1 Warranty Maintenance

Aston Martin warrants that during the Warranty period, if an Aston Martin vehicle is correctly operated and maintained by the user in accordance with the Maintenance chapter of the Owner's Guide, repairs required to correct defects in materials or workmanship will be performed without charge; any component covered by this Warranty found to be defective in materials or workmanship, will be repaired, or replaced, without charge. Your Aston Martin Dealer will repair the vehicle with genuine approved Aston Martin parts.

3.2 Warranty Coverage

The New Vehicle Limited Warranty covers any original or OEM component of the Aston Martin vehicle that is defective during the basic Warranty period, with the exception of tires, the items listed under section 4.4, normal maintenance items and regularly scheduled maintenance parts and labor. The Warranty includes any part scheduled for routine replacement during the Warranty period only if it is defective. If a part fails at the same time it is due for replacement it is not covered by the Warranty.

4 What is not Covered under the Warranties

4.1 Excluded Categories of Vehicle

The following categories of vehicle are excluded from the provisions of the Warranties:

- Vehicles sold for hire.
- Vehicles used for motor sport, competition and track events (except Aston Martin organized and managed events).
- Vehicles that are incorrectly maintained.

4.2 Damage Caused by Accident, Alteration or Misuse

The Warranties do not cover:

- Damage caused by collision, fire, flood, theft, freezing, vandalism, riot, explosion, or objects striking the vehicle.
- Misuse of the vehicle, such as driving over curbs, overloading, racing, or using the vehicle as a stationary power source.
- Alterations or modifications of the vehicle (including changes to the body, chassis, or components) carried out on the vehicle, at any time during its lifetime, by non-approved repairers or body repair 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 incorrect fuel or fluids or application of unauthorized chemicals by the customer.

4.3 Damage Caused by Use or the Environment

Surface rust, deterioration and damage of paint, trim, upholstery and other appearance items that result from use and / or exposure to the elements are not covered under any of the Warranties.

The Warranties do not cover:

- Stone chips, scratches
- Lightning, hail damage
- Dints or dents
- Windstorm damage
- Road salt, tree sap
- Earthquake damage
- Bird and insect droppings
- Freezing, water or flood damage
- Cuts, burns, punctures or tears
- Windshield stress cracks
- Rodent damage
- Incorrect polishing of paint surface.

4.4 Damage Caused by Failure to Maintain or Incorrect Maintenance

Damage caused by failure to maintain the vehicle, incorrect maintenance of the vehicle, or using the wrong fuel, oil, lubricants, or fluids is not covered under the Warranties. Refer to the Specifications chapter of the Owner's Guide for correct fluid levels, and for information on the correct ways to maintain your vehicle.

Examples of important maintenance procedures that need to be done correctly are:

- Oil changes
- Cleaning and polishing
- Oils, lubricants and other fluids
- Engine tune-up
- Oil and air filters
- Wiper blades
- Brake pads and lining
- Tire rotation, inflation
- Clutch linings
- Wheel alignments and tire balancing.

4.5 Other Items and Conditions Not Covered by the Warranties

The Warranties do not cover:

- The installation or use of a non-Aston Martin part (other than a certified emissions part) or any part (Aston Martin or non-Aston Martin) designed for off-road use only installed after the vehicle leaves the control of Aston Martin, if the installed part fails or causes an Aston Martin part to fail.
- Damage to, or caused by, non-approved accessories such as alarms, telephones.
- Damage to, or caused by, non-approved snow chains or towing devices.
- Damage caused by failure to maintain adequate levels of fuel in your vehicle.
- Vehicles that have been labeled or branded as being 'dismantled', 'fire', 'flood', 'junk', 'rebuilt', 'reconstructed', 'salvaged' – this will void the Warranties.
- Vehicles that have been determined as a 'total loss' by an insurance company, or other official body – this will void the Warranties.
- Service adjustments, wear items and alignments after one (1) year or 10,000 miles, whichever occurs first.
- Use of alternative fuels: Aston Martin does not recommend or approve of the use of Liquid Petroleum gas or Compressed Natural gas. Damage caused by the use of alternative fuels or fuel additives is not covered by the vehicle warranty.
- Normal wear or worn out tires. Tires will not be replaced (unless required by a warranty repair) for wear or damage including a) tire damage from road hazard such as cuts, snags, bruises, bulges, puncture, and impact breaks; and b) tire damage due to under or over inflation, tire chain use, racing, spinning (including when stuck in snow or mud), incorrect mounting or dismounting, or tire repair.
- Vehicles that have had the odometer disconnected, altered, or inoperative for an extended period of time with the result that the actual mileage cannot be determined.
- Use of a fuel not approved or recommended by Aston Martin in the Owner's Guide is considered misfuelling, and that any damage resulting from misfuelling is not covered by the vehicle warranty.

4.6 Wear and Tear Items

Items that are subject to wear and tear are generally divided into two categories, namely those specified for replacement or adjustment during scheduled maintenance and those that require replacement or adjustment dependent upon conditions of use.

a) Scheduled Maintenance Items

The items listed below are covered by the Vehicle Warranty up to the first scheduled change point that replacement or adjustment is required during scheduled maintenance operations.

- Drive belts
- Spark plugs
- Oil, air, pollen and fuel filters.

The period of warranty cover for any item may not exceed the time and distance limitation of the vehicle warranty.

b) Other Items

The items listed below are recognized as having a limited service life or are subject to wear or damage. However, these items are covered by the vehicle warranty for up to one year or the first service, which ever occurs first.

- Wiper blades
- All light bulbs

Xenon headlamp light bulbs and instrumentation light bulbs are covered by the full vehicle warranty.

- Wheel alignment and balancing
- Adjustments, including but not limited to: headlamp and hinged panel adjustments, suspension tightening, steering geometry adjustments, emission and fuel systems checks and parking brake cable adjustments.
- Remote transmitter batteries.

Brake pads, brake rotors and other friction related components are not covered when replacement is due to wear and tear, but they are covered against manufacturing defects for the duration of the Vehicle Warranty.

c) Consumables

Replacement or 'top-up' of consumable fluids, e.g. oils, anti-freeze, brake fluid, windshield wash solution and refrigerant, is only covered when they are used as part of a warranty repair.

5 Customer Satisfaction Campaigns

In order to maintain a high level of customer confidence and satisfaction with Aston Martin products, Aston Martin may periodically determine that certain service procedures are necessary, and will assume costs for same, in whole or in part, independent of the New Vehicle Limited Warranty. When repairs to your vehicle are covered by the terms of one of these policy adjustments, your Aston Martin Dealer will advise you of the extent to which Aston Martin will pay either for parts, or for labor, or both.

If you have a question regarding a possible extra-Warranty adjustment, an authorized Aston Martin Dealer or Aston Martin can provide the details when the year, model and Vehicle Identification Number (VIN) are supplied.

Aston Martin reserves the right to make modifications in vehicles manufactured or sold by them at any time without incurring any obligation to make the same or similar modifications in vehicles previously manufactured or sold by them.

6 Anti-Perforation Corrosion Warranty

The vehicle bodywork is protected by an Anti-Perforation Corrosion Warranty. Should any part of the bodywork of the Aston Martin vehicle be perforated the panel(s) affected by the perforation will be repaired or replaced. The term 'perforation' means a hole that penetrates from the inner surface of a body panel or box section outwards. A pre-condition of supporting this Warranty is an annual Dealer inspection (Refer to 'Service', page A.1).

7 Emissions Defect Warranty

7.1 Federal Requirements

Aston Martin provides coverage under the Emissions Defect Warranty (including labor and diagnosis) for repairs of emissions related parts which become defective on vehicles with the following years of service or mileage (whichever occurs first):

Parts	Years in Service	Mileage
Emissions Related Parts	3	36,000
Certain Emissions Parts[1]	8	80,000

1. Means the catalytic converter, the engine control module, the transmission control module and / or the on-board emissions diagnostic device.

During the Warranty coverage period, Aston Martin warrants that:

- Your vehicle or engine is designed, built and equipped to meet (at the time it is sold) the applicable emissions regulations of the US Environmental Protection Agency (EPA).
- Your vehicle or engine is free from defects in factory-supplied Materials or workmanship that could prevent it from conforming with applicable EPA regulations.
- You will not be charged for repair, replacement, or adjustment of defective Emissions Related Parts (defined under section 8.2, What is Covered).

8 Emissions Performance Warranty

8.1 Federal Requirements

If your vehicle is registered in a State where the State or Local Government has an EPA - approved inspection and maintenance program, any repairs which are required on your vehicle may also be covered under the Emissions Performance Warranty if your vehicle has the following years service or mileage (whichever occurs first) and if you meet certain conditions noted below:

Parts	Years in Service	Mileage
Emissions Related Parts	2	24,000
Certain Emissions Parts[1]	8	80,000

1. Means the catalytic converter, the engine control module, the transmission control module and / or the on-board emissions diagnostic device.

Under the Emissions Performance Warranty, Aston Martin will repair, replace, or adjust (with no charge for labor, diagnosis, or parts) any emissions control device or system, if you meet all of the following conditions:

- You have maintained and operated your vehicle according to the instructions on correct care and scheduled maintenance contained in the Owner's Guide.
- Your vehicle fails to conform, during the warranty coverage period to the applicable national EPA standards, as determined by an EPA approved inspection and maintenance program.
- You are subject to a penalty or sanction under local, State or Federal Law because your vehicle has failed to conform to the emissions standards (a penalty or sanction includes being denied the right to use your vehicle).
- Your vehicle has not been tampered with, misused, or abused.

  The Emissions Performance Warranty will not apply to your vehicle if the diagnosis on your vehicle shows your vehicle will pass the applicable State or Local Government test using test procedures and standards set by the EPA.

8.2 What is Covered

If the following parts contain an emissions- related defect (an **'Emissions Related Part'**) they will be covered by both the Emissions Defect Warranty (set out in section 7) and the Emissions Performance Warranty:

- Air and Fuel Feedback Control System and Sensor
- Altitude Compensation System
- Catalytic Converter
- Cold Start Enrichment System
- Controls for Deceleration
- Distributor Assembly
- Electronic Ignition System
- Electronic Engine Control Sensors and Switches
- Exhaust Gas Recirculation (EGR) Valve, Spacer, Plate and Associated Parts
- Exhaust Heat Control Valve
- Exhaust Manifold and Gasket
- Fuel Rail Assembly
- Fuel Tank
- Fuel Vapour Storage Canister, Liquid Separator and Associated Controls
- Ignition Coil and / or Control Module
- Intake Manifold
- Malfunction Indicator Lamp (MIL) System
- PCV System and Oil Filler Cap
- Engine Control Module
- Transmission Control Module
- Pulsed Secondary Air Injection Valve / Secondary Air Injection Pump and Associated Parts
- Spark Control Components
- Spark Plugs and Ignition Wires
- Throttle Air Control By-pass Valve
- Throttle Body Assembly
- TWC Air Control Valve
- Volume Air Flow Sensor.

Some items and equipment in this list may not be installed to this vehicle and therefore may not be applicable.

Also covered by the Emissions Defect Warranty and the Emissions Performance Warranty are all emissions-related bulbs, hoses, clamps, brackets, tubes, gaskets, seals, belts, connectors, and wiring harnesses that are used with components in the list of parts set out above.

8.3 Parts Replaced on Regular Maintenance Schedules

Parts that should be replaced on a certain recommended maintenance schedule, remain under warranty until, (a) the first replacement time that is specified under Service in your Owner's Guide or, (b) the time or mileage limits of the Federal Defect and Performance Warranties (whichever occurs first). Aston Martin maintains a complete list of parts covered by Emissions Warranties. For more details about the specific parts covered by the Emissions Defect Warranty, contact Aston Martin or Aston Martin Lagonda of North America Inc.1.1 Warranty Communications.

8.4 What is Not Covered

Aston Martin may deny you coverage under the Emissions Warranties if your vehicle or a part does not contain an emissions-related defect or has failed due to abuse, neglect, incorrect maintenance, unapproved modifications, or it concerns any items included in section 4 (What is not covered under the Warranties).

9 California Emissions Warranties

9.1 Your Warranty Rights and Obligations

This Warranty is applicable if your vehicle is both:

a) Registered in California, or other States adopting California emission and warranty regulations.[1]

b) Certified for sale in California as indicated on the vehicle emission control information label.

Aston Martin and the California Air Resources Board are pleased to explain the emission control system Warranty on your Aston Martin vehicle.

In California, new motor vehicles must be designed, built, and equipped to meet the State's stringent anti-smog standards.

Aston Martin must warrant the emission control system on your vehicle for the periods of time listed under the Manufacturer's Warranty Coverage, provided there has been no abuse, neglect, or incorrect maintenance of your vehicle.

Your emission control system may include parts such as the fuel injection system, the ignition system, catalytic converter, and the engine computer. Also included may be hoses, belts, connectors, and other emissions-related assemblies.

Where a warrantable condition exists, Aston Martin will repair your vehicle at no cost to you including diagnosis, parts, and labor.

9.2 Manufacturer's Warranty Coverage

For vehicles eligible for coverage under the California Emissions Warranty, if your vehicle is:

a) Three years in service or has mileage of 50,000 miles (whichever first occurs):

- If your vehicle fails a Smog Check inspection, all necessary repairs and adjustments will be made by Aston Martin to make sure that your vehicle passes the inspection. This is your **Emission Control System Performance Warranty**.
- If an emission related part (as defined in section 9.4) on your vehicle is defective, the part will be repaired or replaced by Aston Martin. This is your **Short-Term Emission Control System Defects Warranty**.

b) Seven years in service or has mileage of 70,000 miles (whichever first occurs):

- If an emission related part (as defined in section 9.5) on your vehicle is defective, the part will be repaired or replaced by Aston Martin. This is your **Long-Term Emission Control System Defects Warranty**.

9.3 Owner's Warranty Responsibilities

As the vehicle owner or lessee, you are responsible for the performance of the required maintenance listed in the Owner's Guide. Aston Martin recommends that you retain all receipts covering maintenance on your vehicle, but Aston Martin cannot deny warranty coverage solely for the lack of receipts or for your failure to check the performance of all scheduled maintenance.

You are responsible for presenting your vehicle to an Aston Martin Dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

Aston Martin may deny warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance, or unapproved modifications.

If you have any questions regarding your warranty rights and / or responsibilities, or if you want to report what you believe to be violations of the terms of this Warranty, you may contact Aston Martin Lagonda of North America Inc. After Sales Department:

Tel: (949) 379 3104

or the California Air Resources Board at:

State of California Air Resources Board,
9528 Telstar Avenue,
El Monte,
California 91731

1. Other States adopting California emissions and warranty regulations: Passenger car & light-duty trucks (up to 8,500 pounds GVWR) – California, Connecticut, Maine, Massachusetts, New Jersey, Oregon, Pennsylvania, Rhode Island, Vermont, Washington and any other States that adopt the California emissions and warranty regulations from time to time.

9.4 What is Covered under the Short Term Emission Control System Defects Warranty

The parts in the following list are covered by Emission Control System Defects Warranties, which apply to every California model vehicle manufactured from, and including, 2004.

- Air / Fuel Feedback Control System and Sensor
- Altitude Compensation System
- Catalysts - Downpipe and Underfloor
- Camshaft Position Sensor
- Carbon Canister
- Cold Start Enrichment System
- Controls for Deceleration
- Distributor Assembly
- Electronic Ignition System
- Electronic Engine Control Sensors and Switches
- Exhaust Gas Recirculation (EGR) Valve, Spacer, Plate and Associated Parts
- Exhaust Gas Oxygen Sensors
- Exhaust Heat Control Valve
- Exhaust Manifold and Gasket
- Fuel Filler Cap and Neck Restrictor
- Fuel Delivery Module
- Fuel Level Sender
- Fuel Rail Assembly
- Fuel Tank
- Fuel Vapour Storage Canister, Liquid Separator and Associated Controls
- Ignition Coil and / or Control Module
- Intake Manifold
- Malfunction Indicator Lamp (MIL) System
- PCV System and Oil Filler Cap
- Engine Control Module
- Transmission Control Module
- Pulsed Secondary Air Injection Valve / Secondary Air Injection Pump and Associated Parts
- Spark Control Components
- Spark Plugs and Ignition Wires
- Throttle Air Control Bypass Valve
- Throttle Body Assembly
- TWC Air Control Valve
- Volume Air Flow Sensor.

Some items and equipment in this list may not be installed to this vehicle and therefore may not be applicable.

9.5 What is Covered under the Long Term Emission Control System Defects Warranty

The parts in the following list are covered by Emission Control System Defects Warranties, which apply to every California model vehicle manufactured from, and including, 2004.

- Catalysts - Downpipe and Underfloor
- Camshaft Position Sensor
- Carbon Canister
- Exhaust Gas Oxygen Sensors
- Exhaust Manifold and Gasket
- Fuel Delivery Module
- Fuel Level Sender
- Fuel Rail Assembly
- Fuel Tank
- Intake Manifold
- Engine Control Module
- Transmission Control Module
- Pulsed Secondary Air Injection Valve / Secondary Air Injection Pump and Associated Parts
- Throttle Body Assembly
- Volume Air Flow Sensor.

Some items and equipment in this list may not be installed to this vehicle and therefore may not be applicable.

10 How do I get Service under the Emissions Warranties

To get service under your Emissions Warranties, take your vehicle to any Aston Martin Dealer as soon as possible after it has failed an EPA - approved test or a California Smog Check inspection. You must show the Dealer the document that states your vehicle has failed the test.

The Dealer will decide whether the repair is covered by the Warranty. If the Dealer cannot make a decision with regard to coverage under your Emissions Warranty, the Dealer shall forward the query to Aston Martin.

Aston Martin shall procure to make a final decision within 30 days after you bring your vehicle in for repair. (The decision will be made within a shorter time if the law requires you to have the vehicle repaired more quickly in order to avoid additional penalties.)

However, if you request a delay, agree to a delay, or if a delay is caused by an event for which neither Aston Martin nor your Aston Martin Dealer is responsible, the deadline for determination does not have to be met by Aston Martin.

If a question about Emissions Warranty coverage is referred to Aston Martin, you will be notified by Aston Martin in writing if your claim for Emissions Warranty coverage is denied. The notice will explain the basis for denying your claim.

11 How do I handle Emergency Repairs to make sure they do not affect the Emissions Warranties

Aston Martin strives to make sure that services are available to conduct emergency repairs on your vehicle when necessary. However, occasionally, Aston Martin may not be able to perform emergency repairs for reasons outside of its control.

If your vehicle requires an emergency repair on Emission Related Parts and an Aston Martin Dealer is 'unavailable or unable to perform the necessary repairs' (defined below), you may, but only as a last resort, procure repairs by someone other than an authorized Aston Martin Dealer (a **'Third Party'**).

If the Dealer or, failing a decision by the Dealer, Aston Martin, determines that such repair is covered under Warranty, Aston Martin will reimburse you for the cost of such repairs, including diagnosis.

Make sure that you obtain and take the following to your Aston Martin Dealer within 30 days of the repairs having been performed:

a) The parts that are replaced, and

b) A receipt for the work.

The term 'unavailable or unable to perform the necessary repairs' means:

- If you have informed Aston Martin of the required emergency repairs and either Aston Martin or the Aston Martin Emergency Service roadside assistance service provider is unable to take your vehicle to an accessible authorized Aston Martin Dealer.
- If an authorized Dealer is unable to perform the necessary repairs.
- If an authorized Dealer does not have the warranted part required to perform the necessary repairs.

Aston Martin shall only reimburse you if the repairs are conducted by a Third Party within 30 days from the time you first bring your vehicle to the Dealer for repairs and the time it is repaired by the Third Party.

Any repair that is not completed within the 30 day period may (at Aston Martin's discretion) constitute an emergency and any equivalent replacement part may be used in an emergency situation. If Aston Martin determines that the repair is covered under Warranty, Aston Martin will reimburse you for the repair expenses if:

a) It does not exceed the Aston Martin's suggested retail price for all warranted parts that are replaced and,

b) The labor charges do not exceed the Aston Martin's recommended time allowance for the Warranty repair and the labor charges are reasonable and similar to those charged by a repairer of similar geographical location.

12 What Replacement Parts should I use

Aston Martin recommends that you use genuine Aston Martin replacement parts. However, when you are having non-Warranty work done on your vehicle, you may choose to use non-Aston Martin parts of equivalent specification.

If you decide to use non-Aston Martin parts, make sure that they are equivalent to Aston Martin parts in performance, quality and durability. If you use replacement parts that are not equivalent to Aston Martin parts, your vehicle's emissions control systems may not work as effectively, and you may jeopardize your Emissions Warranty coverage.

The maintenance, replacement, or repair of emissions control devices or systems, the cost of which is not covered by the Warranties, can be performed by any automotive repair establishment or individual using non-Aston Martin parts.

For vehicles within the Warranty period, Aston Martin will repair at no cost to the owner, under the Federal Emissions Warranty, covered emission failures caused by correctly installed Aston Martin parts or non-Aston Martin parts that have been 'certified' by the U.S. Environmental Protection Agency (EPA). Aston Martin is not responsible for the cost of repairing any emission failures caused by non-Aston Martin parts that have not been 'certified' by the EPA.

13 Preserve Your Emissions Warranty

If you do not maintain your vehicle correctly, Aston Martin may have the right to deny you coverage under any of its Emissions Warranties.

To have repairs made under the Emissions Warranties, you may be required to show that you have followed Aston Martin's instructions on correctly maintaining and using your vehicle, in accordance with the instructions set out in the Owner's Guide. Make sure that you save your service receipts and keep accurate records of any maintenance work performed.

If you are not satisfied with the handling of a Warranty matter, you may contact Aston Martin Lagonda of North America Inc. If you need more information about getting service under the Federal Emissions Performance Warranty, or if you want to report what you believe to be violations of the terms of this Warranty, you may contact:

Director Vehicle Program and Compliance Division
(6505J),
Environmental Protection Agency,
401 M Street, S.W,
Washington,
DC 20460

14 Customer Satisfaction

If you are not satisfied with any Warranty repairs performed by an authorized Aston Martin Dealer and feel that you have a legitimate Warranty concern that is not being addressed to your satisfaction, follow the steps recommended below for the best resolution.

Step 1: Raise your concerns with the authorized Dealer Service Manager.

If you feel it would help clarify any concern, you should accompany the Service Manager on test drive of vehicle to demonstrate your issues and concerns. Often simply voicing your concerns directly to a manager or with the trained technician results in a satisfactory repair.

Step 2: If you are still not satisfied, contact dealership owner or General Manager.

Often raising an unresolved issue to a General Manger will benefit all involved and bring a focussed effort from all parties involved.

Step 3: If you are still not satisfied, bring concerns to Aston Martin Lagonda of North America Inc. Regional After Sales Manager or Operations Manager.

All authorized Aston Martin Dealers have the contact details of the relevant After Sales and Operations Managers. Ask for the Aston Martin contact information and it will be gladly supplied.

Step 4: If you are still not satisfied, either:

a) Seek arbitration

All disputes relating to the Warranty or the Extended Service Contract shall be resolved by binding arbitration under the Rules of Commercial Arbitration of the American Arbitration Association including its Supplementary Procedures for Consumer Related Disputes, before a single arbitrator who shall be bound by the terms of this Document. To maintain the highest quality of service and for staff training purposes, telephone calls to Aston Martin may be monitored and / or recorded.

b) If your dispute is in the State of California, contact the Better Business Bureau (BBB)

The BBB program is only in effect in the State of California, but steps one through three should be followed for quickest result.

As a final step to make sure that your concerns are being fairly considered, Aston Martin has agreed to participate in a dispute settlement program administered by the BBB, at no cost to the customer.

Refer to section 15 for further details of the BBB.

15 The Better Business Bureau (BBB) Auto Line Program

(California only)

The Better Business Bureau (BBB) works with manufacturers and their customers in an attempt to reach a mutually acceptable resolution of any Warranty related concerns. If a Warranty concern has not been resolved using the three-step procedure outlined in Customer Satisfaction (Refer to '14 Customer Satisfaction', page B.13), you may be eligible to participate in the BBB Auto Line Program.

The BBB Auto Line Program consists of two parts – mediation and arbitration. During mediation, a representative of the BBB will contact both you and Aston Martin to explore options for settlement of the claim. If an agreement is not reached during mediation and your claim is eligible, you may participate in the arbitration process and the BBB will schedule an arbitration hearing so that you can present your case in an informal setting before an impartial person. The arbitrator will consider the testimony provided and make a decision after the hearing.

You are not bound by the decision, but should you choose to accept the BBB Auto Line decision, Aston Martin shall abide by the accepted decision as well.

Disputes submitted to the BBB Auto Line Program are usually decided within 40 days after you file your claim with BBB. If you wish to use the program and you qualify for participation, you will be required to provide the following information:

- Your name and address
- The Vehicle Identification Number (VIN)
- The make, model and year of your vehicle
- A description of the problem with your vehicle.

BBB AUTO LINE will also ask you for other information that may help resolve your concerns, such as the purchase price of your vehicle, the vehicle's current mileage, and copies of repair orders.

Upon receipt of such information, BBB will review the claim for eligibility under the Program Summary Guidelines.

You are required to resort to BBB AUTO LINE before exercising rights or seeking remedies under the Federal Magnuson-Moss Warranty Act, 15 U.S.C. § 2301 et seq. To the extent permitted by the applicable State 'Lemon Law', you are also required to resort to BBB AUTO LINE before exercising any rights or seeking remedies under the 'Lemon Law'. If you choose to seek remedies that are not created by the Magnuson-Moss Warranty Act or the applicable State 'Lemon Law', you are not required to first use BBB AUTO LINE.

For more information about BBB AUTO LINE, including current eligibility standards, call 1-800-955-5100, visit the BBB website at www.lemonlaw.bbb.org, or write to the BBB at:

BBB AUTO LINE,
4200 Wilson Boulevard,
Suite 800 Arlington,
VA 22203

16 State Warranty Enforcement Laws

These State laws (sometimes called **'lemon laws'**) allow owners to receive a replacement vehicle or a refund of the purchase price, under certain circumstances. The laws vary from State to State.

To the extent your State Law allows, Aston Martin requires that you first send us a written notification of any defects or non-conformities that you have experienced with your vehicle. This will give us the opportunity to make any necessary repairs before you pursue the remedies provided by your State's law.

In other States, where not specifically required by State Law, Aston Martin requests that you send us written notification to:

National After Sales Manager,
Aston Martin Lagonda of North America Inc.,
9920 Irvine Center Drive,
Irvine CA 92618

17 Aston Martin Extended Service Contract

You may purchase an Aston Martin Extended Service Contract (ESC) which shall protect your vehicle for an extended period after the expiry of your New Vehicle Limited Warranty.

The ESC provides:

a) Protection against covered repair costs. (Wear items, neglect, force majeure and damage caused by outside influence are excluded, and shall be left to the sole discretion of Aston Martin.).

b) Aston Martin Emergency Assistance roadside support.

c) Zero deductible, which means that you will not pay for covered repairs in the case of a legitimate claim.

d) 12 or 24 months coverage across the USA and Canada.

Aston Martin offers various ESC products of varying levels of cover dependent upon the age and mileage of the vehicle. All vehicles must pass an Aston Martin multi-point inspection prior to the registration of an ESC on a vehicle.

Please note that the ESC Terms and Conditions shall apply. For a full list of the ESC Terms and Conditions, or if you would like to arrange such cover, talk to your nearest participating Aston Martin Dealer.

Owner And Vehicle Details

Name:

Address:

:

:

:

Post Code:

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
CV35 0DB
England

Signature:

Date:

Dealer Stamp

Owner Warranty Transfer (3)	Owner Warranty Transfer (2)	Owner Warranty Transfer (1)
VIN No.:	VIN No.:	VIN No.:
Odometer:	Odometer:	Odometer:
Date of Purchase:	Date of Purchase:	Date of Purchase:
Name:	Name:	Name:
Address:	Address:	Address:
:	:	:
:	:	:
Post Code:	Post Code:	Post Code:
Telephone No.:	Telephone No.:	Telephone No.:
Email Address:	Email Address:	Email Address:
Signature:	Signature:	Signature:
Date:	Date:	Date:

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Owner Warranty Transfer (6)	Owner Warranty Transfer (5)	Owner Warranty Transfer (4)
VIN No.:	VIN No.:	VIN No.:
Odometer:	Odometer:	Odometer:
Date of Purchase:	Date of Purchase:	Date of Purchase:
Name:	Name:	Name:
Address:	Address:	Address:
:	:	:
:	:	:
Post Code:	Post Code:	Post Code:
Telephone No.:	Telephone No.:	Telephone No.:
Email Address:	Email Address:	Email Address:
Signature:	Signature:	Signature:
Date:	Date:	Date:

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Aston Martin Assistance

Aston Martin Roadside Assistance C.2
How Does the Plan Work..... C.2
How Does the Plan Work..... C.2

Aston Martin Roadside Assistance

In the event of a breakdown caused by a defect covered under the New Vehicle Limited Warranty, the Aston Martin Roadside Assistance scheme will provide the Aston Martin owner with emergency roadside assistance at no cost. The scheme also provides the following benefits:

- Exclusive 24-Hour Toll-Free Assistance Line
- 24-Hour Emergency Towing
- 24-Hour Roadside Assistance
- 24-Hour Emergency Lockout Service (up to US $100 per call out)
- Sign and Drive Service
- 24-Hour Emergency Trip Interruption Benefits
- 24-Hour Aston Martin Dealer Locator Service
- Repaired Vehicle Reunite Service
- Assistance Experience Survey Card.

The Aston Martin Roadside Assistance scheme benefits provide for towing to the nearest approved dealer. Should the vehicle breakdown occur 150 or more miles (241 or more km) from the nearest approved dealer and 150 or more miles (241 or more km) from the primary residence of the owner or operator, the owner or operator is entitled to trip interruption benefits. Trip interruption benefits include lodging and meals for up to 2 nights, and alternative transportation. Trip interruption benefits are limited to a maximum of US $500 per interruption.

The term of the Aston Martin Roadside Assistance scheme runs concurrent with the Aston Martin New Vehicle Limited Warranty. The plan does not cover the following:

- Rental fleet vehicles
- Breakdowns caused by accident, vandalism, racing or abuse
- Additional towing costs for towing to other than the nearest approved dealer to the breakdown site.

Expenses for such items as entertainment, recreation, and non-essential goods and services are excluded from trip interruption benefits.

How Does the Plan Work

The national toll-free assistance telephone number is shown on your Roadside Assistance Membership Card and on the label on the drivers side door pillar.

If your Aston Martin vehicle suffers a breakdown whilst driving, call the toll-free number: 1- 888 - 59ASTON (1-888-592-7866). It is available 24 hours a day.

It may be helpful to have the relevant telephone numbers entered into your mobile phone 'phone book'.

Have your Aston Martin Roadside Assistance Membership Card ready.

Provide the Roadside Assistance Service Representative with:

- Your name
- The Vehicle Identification Number (VIN), which is printed on your Roadside Assistance Membership Card. The VIN is also printed on a decal on the drivers side dashboard. This decal may be viewed from outside the car by looking in through the front windshield.
- The vehicle location.
- Where you are calling from, including a telephone number on which you may be contacted.

The Roadside Assistance Service Representative will work with you to find the best solution to your concern. Please stay with the vehicle until assistance arrives.

Further Information

See the separate brochure provided for full details of the Aston Martin Roadside Assistance scheme. The terms of the scheme may be changed without notice.

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