
LAGONDA

Aston Martin Owners' Club (AMOC)

An invitation to join the Aston Martin Owners' Club

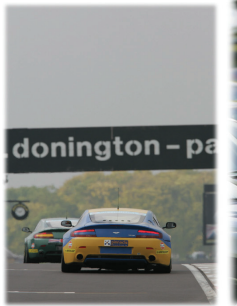
The sporting spirit of the 1930s exists today in one of the world's most exclusive car clubs. Enthusiasts in nearly 60 countries are united by an interest in iconic cars with an enviable pedigree. Enjoy the company of like-minded owners in a wide range of activities: social evenings, weekends away or motoring tours. Something more competitive? AMOC Concours are a benchmark for connoisseurs of fine motorcars. A need for speed? We organise 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 the 100 year 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.

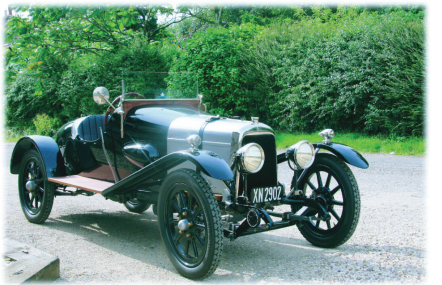
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The manufacturer reserves the right to vary specifications without notice in accordance with its policy of continual product improvement.

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Welcome

Welcome to your new Lagonda Taraf

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

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

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

To further assist the driver a location guide is located on the passenger side 'A' panel. This is a quick reference guide to show the location of the major items on the vehicle.

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,
Warwick,
CV35 0DB,
England
Telephone: (+44) (0)1926 644300

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

Aston Martin Authorised Body Repairers

A full list of Aston Martin Authorised 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 Authorised Body Repairers list is accurate and up-to-date. However changes can occur. Neither Aston Martin nor any Aston Martin Authorised Body Repairer shall in any circumstances be held liable for any inaccuracy, or the consequences thereof.

Aston Martin Authorised Service Centres

A full list of Aston Martin Authorised Service Centres can be found at:

www.astonmartin.com

All Aston Martin Approved Service Centres have been assessed and audited to Aston Martin standards.

Every effort is made to make sure that the information given in the Aston Martin Authorised Service Centres list is accurate and up-to-date. However changes can occur. Neither Aston Martin nor any Aston Martin Authorised Service Centre 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.

Data Recording

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

- The use of restraint systems including seat belts by the driver and passengers.
- Information about the performance of various systems and modules in the vehicle.
- Information related to engine, throttle, steering, brake or other system status.

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

This information may be read out and used by:

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

Reporting Safety Defects

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

Aston Martin Lagonda Limited,
Client Services,
Banbury Road,
Gaydon,
Warwick,
CV35 0DB,
England

Telephone: +44 (0)1926 644700

Vehicle Provenance

Model:

Body Colour:

Interior Colour:

Fascia Colour:

Vehicle Identification Number:

As on the VIN plate

First Owner:	**Third Owner:**	**Fifth Owner:**
Selling Dealer	Selling Dealer	Selling Dealer
Delivery Date	Delivery Date	Delivery Date
Second Owner:	**Fourth Owner:**	**Sixth Owner:**
Selling Dealer	Selling Dealer	Selling Dealer
Delivery Date	Delivery Date	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, boot 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 or grabbing of the vehicle key identity code
- Interior movement and tilt sensor (Option).

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

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

Aston Martin Tracking

Option - Not available in all markets.

The Aston Martin Tracking system is a stolen vehicle tracking system. It uses the latest Global Positioning System (GPS) and Global System for Mobile communications (GSM) technology providing pinpoint accuracy and unparalleled service levels.

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

Automatic Driver Recognition

Alerts the Aston Martin Tracking Secure Operating Centre immediately if your vehicle is stolen, even if the thief has your keys.

Engine Start Inhibit

Activated by the Secure Operating Centre with Police authorisation, to prevent the engine from being restarted.

Tamper Alert

Activated when the system battery is disconnected or discharged, or when the system wiring is cut.

Tow-Away Alert

Triggered when motion is detected with the ignition switched off and the driver card is not present.

System Health Check

Regular automatic self diagnostic check.

Transport Mode

Set by the Secure Operating Centre when the vehicle owner has confirmed the vehicle is being transported. This will prevent false alerts being generated.

Vehicle Servicing Mode

Set by the Secure Operating Centre when the vehicle has been given to the Aston Martin Dealer for maintenance.

Theft History

Minute by minute theft log helps Police secure convictions.

Pinpoint GPS Tracking

Accurate to within 10 metres.

International GSM Coverage

Roaming SIM card gives coverage across more than 180 countries.

European Coverage

Local language Police liaison and stolen vehicle recovery across Europe.

Countries covered by Aston Martin Tracking System:

Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France (Monaco), Germany, Greece, Hungary, Ireland, Italy (Vatican City, San Marino), Latvia, Lithuania, Luxembourg, Macedonia, Malta, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, South Africa, Spain (Andorra, Gibraltar), Sweden, Switzerland (Liechtenstein), Turkey, Ukraine and United Kingdom.

Insurance Accreditation

Conforms to the highest European accreditations for stolen vehicle tracking systems - Thatcham, Incert (formerly Assuralia) and SCM and is approved by major insurers.

Aston Martin Approved

The only vehicle tracking system approved for all Aston Martin vehicles.

How the System Works

The Aston Martin Tracking system is supplied with two unique driver cards. An authorised driver must have a driver card in their possession when using the vehicle.

Do not leave the driver card inside the vehicle or with the vehicle key. It should be kept in a safe place and always separately from your vehicle keys.

The system automatically arms itself after the vehicle ignition has been switched off for 70 seconds and the driver card is out of range (approximately 3 metres).

The system will automatically disarm itself when the driver card is bought back in range of the vehicle.

If your vehicle is driven approximately 100 metres and the driver card has not been detected, a silent alert is transmitted to the Secure Operating Centre to inform the advisors of a potential unauthorised movement of your vehicle. The advisors then contact you.

To avoid an alert being generated, if the engine has been started and the driver card is not in your possession, switch the ignition off and call the Secure Operating Centre for advice.

The system will additionally:

- Send an alert if your vehicle is lifted or towed away without the keys.
- Send an alert if your vehicle battery is disconnected or discharged.
- Send an alert if the GPS antenna has been disconnected.
- Send a monthly health check message to the Secure Operating Centre to confirm full system functionality.

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

If your Vehicle is Stolen

After an alert has been received, the Secure Operating Centre advisors attempt to contact you using the telephone number(s) that you supplied at the time of registration. A minimum of two telephone numbers must be provided at the time of activation of the contract.

The Police are not contacted until the advisors have spoken with you. This is to comply with Police procedures so that Police time is not wasted with false alarms.

Once the theft has been confirmed with you, the advisors will ask you to contact the Police to report the theft and to call the advisor back immediately with a Police incident number. Receipt of an alert does not constitute a confirmed theft, as Police Forces require key holder verification of a theft.

The Secure Operating Centre then liases with the relevant Police Force to seek to recover your vehicle.

If your vehicle is outside the UK, the Secure Operating Centre work with the Police in their local language across Europe to recover your vehicle quickly.

In order to prevent your vehicle being moved following a theft, the Secure Operating Centre under instruction from the Police, may temporarily prevent the vehicle's engine from restarting.

Once the Police have secured the stolen vehicle, arrangements are made with you for the vehicle to be collected. The Police may require it to be taken to a secure compound for further investigation.

You will be liable for any statutory Police recovery and storage charges, payable directly to the Police.

Additional Information

False Alarms

To avoid unnecessary alerts, contact the Secure Operation Centre to inform them of any potential false alarm. Excessive false alerts may result in a charge.

Damage Check

If you are involved in an accident or if your vehicle battery has been disconnected for any reason (for example, body work repair or paint re-spray), you must call Aston Martin Tracking Customer Services so that they can test the system to check that it is still functioning correctly.

Change of Details

Should any of your personal details change, you must call Aston Martin Tracking Customer Services. For example:

- Changing the registration plate on the vehicle.
- Selling the vehicle.
- Change of address.
- Change of mobile phone number.
- New owner buying a pre-owned vehicle already fitted with Aston Martin Tracking System.

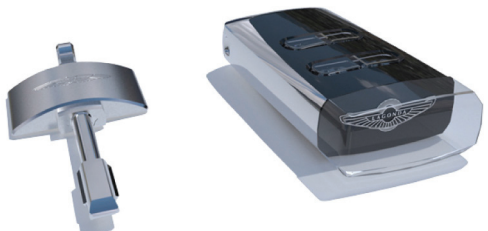
Contact Details

All the relevant contact details for your specific country are contained in your registration information. For any additional information, contact your Aston Martin Dealer.

Remember to keep all contact details and information safe and not in the vehicle otherwise you will not be able to refer to it if your vehicle is stolen.

Emotion Control Unit

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

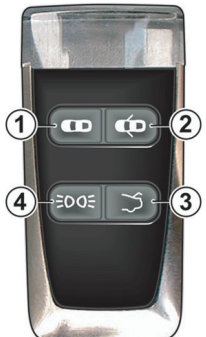


Keep the spare key in a safe place. Do not leave a vehicle key in the vehicle when unattended.

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

GCC Countries: This device complies with SASO 1322/1997 Low power radio frequency devices. The operation of this device is subject to the following two conditions; 1) The device may not cause harmful interference. 2) Any interference received by the device must be accepted.Any change or modification which may cause the device to work outside of the permitted limits of the standard could void the user's authority to use the device.The concerned authorities have the right to inspect the device and in the case of complaints of harmful interference caused by the device, it shall be liable to be forfeited.

Vehicle Key Security Functions



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

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

[3] BOOT OPEN: Press once to release the boot lid catch (Refer to 'Boot Lid', page 2.10).

[4] APPROACH LIGHT: Press to set the front, rear side and interior lamps to ON (Refer to 'Approach Light', page 2.12).

Emergency Key



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

Insert the emergency key in the door lock and turn fully towards the front of the vehicle, then release, to centrally lock the vehicle, disable the boot lid and fuel flap release switches. The security system will not arm.

To centrally unlock the vehicle, enable the boot lid and fuel flap release switches, turn fully towards the rear of the vehicle, then release. If the security system was armed, the alarm will start.

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).

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

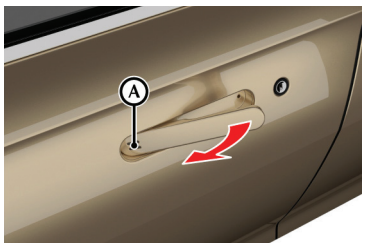
Even if the vehicle key has lost all power it will start the engine if required.

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.

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

Unlocking and Opening

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



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

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

If preferred you can unlock the driver's door only with the first press of the button and the rest of the vehicle with a second press (Refer to 'Personalisation', page 2.15).

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

If the vehicle has been opened using the spare key and the driver seat or door rear view mirrors have been adjusted, the seat and door rear view mirrors will move to the positions memorised by the key which is being used (Refer to 'Seat Memory Function', page 3.3).

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

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

Unlocking From Inside the Vehicle

If reduced guard was not set to ON before locking the vehicle, deadlocking, interior movement and tilt sensors (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 2.11).

(Refer to 'Reduced Guard', page 2.13).

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 (Refer to 'Personalisation', page 2.15).

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

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

Make sure that all the doors, the boot lid and the bonnet are closed (the vehicle will not lock if a door is left open). Stand within 5 m of the vehicle, point the vehicle key towards the vehicle and press the ***LOCK*** button once to lock the doors, disable the boot lid and fuel flap release switches and arm the security system. The direction indicators will flash once as the security system is armed (Refer to 'Personalisation', page 2.15).

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

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

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

Automatic Re-locking

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

Master Locks



All doors, fuel flap and boot lid release switches may be locked and unlocked by using the front master lock switch (A). Press the switch to lock. Press again to unlock.

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

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

1. Option.

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 2.11).

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

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

Rear Passenger Door Lock



The rear doors can be centrally locked independently from the master lock switch. Press the rear lock switch (B) to lock the rear doors.

If the rear doors are locked using the rear lock switch, one pull of a door handle will unlock that door, a second pull of a door handle will open that door.

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

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

Child Locks

Press the MENU button on the console. Navigate to <Car settings...> ***ENTER*** <Lock settings...> ***ENTER*** <Child lock enabled>. Press ***ENTER*** to toggle between child locks ON and OFF.

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

To Open the Boot Lid

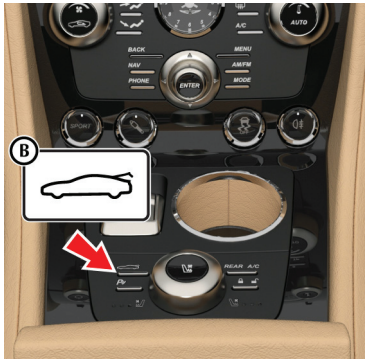
Press the ***BOOT OPEN*** button on the vehicle key once to release the boot lid catch. Lift the lid.

If the vehicle is locked and armed the security system will disarm and the direction indicators will flash twice when the boot is opened. The doors will stay locked (Refer to 'Personalisation', page 2.15).

Opening from Inside the Vehicle

Press the boot lid release switch (B).

The boot lid catch will release. Lift the boot lid.



To Close the Boot Lid



Grasp the leather pull and pull the boot lid down, then push the boot lid down and make sure that its catch engages. Once the catch engages, it automatically closes. If the boot 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 'Personalisation', page 2.15).

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

Vehicle Locked - Boot Lid Open

To use a battery conditioner the boot lid has to be left open (boot lid down but not latched).

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

Deadlocking

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

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

To open the doors use the vehicle key.

Automatic Lock

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

Press MENU on the centre console. Navigate to <Car settings...> ***ENTER*** <Lock settings...> ***ENTER*** <Automatic settings...>. Select <Doors auto lock> or <Doors auto unlock on key out>. Press ***ENTER*** to toggle between ON and OFF.

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

<Doors auto lock>:

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

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

<Unlock on key out>:

Set to ON: The front doors and the boot lid automatically unlock when the vehicle key is removed from the ignition control.

Set to OFF: One pull of a door handle will centrally unlock all doors, a second pull of the door handle will open that door.

Automatic lock is factory set to ON (Refer to 'Personalisation', page 2.15).

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.

The time that the lamps stay ON is programmable (Refer to 'Personalisation', page 2.15).

Homesafe

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

The time that the main beam and rear lamps stay ON is programmable (Refer to 'Personalisation', page 2.15).

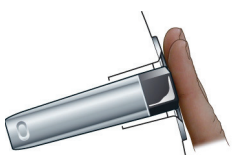
Alarm

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 boot 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 deadlocking, interior movement and tilt sensors (option) 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 is set by using the car settings menu. Press ***MENU*** on the centre console. Navigate to <Car settings...> ***ENTER*** <Reduced guard...>. Select <Activate once> or <Ask on exit> and press ***ENTER*** to toggle between ON and OFF. Then press and hold ***BACK*** to accept and return to the main screen.

<Ask on exit>:

Set to ON: Each time the vehicle key is moved from ignition position 'II' (ignition ON) to ignition position 'I' or '0' the message PRESS ENTER TO REDUCE GUARD. PRESS EXIT TO CANCEL will show in the message centre. The message will time out after one minute and reduced guard will not come ON.

Set to OFF: No message will show and reduced guard will not come ON.

<Activate once>:

Set to ON: Reduced guard will come ON for one time. Set to ON each time reduced guard is required.

Set to OFF: Reduced guard will not come ON.

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

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

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

Starting the Engine

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

Alarm Status

The alarm 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.

Personalisation

A number of security functions can be personalised.

[1] ON/OFF: Infotainment centre ON and OFF.

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

[3] TUNING: Turn (left or right) to navigate in the menus.

[4] MENU: Opens the main menu.

[5] ENTER: Select in the menu or open a selection.

[6] JOYSTICK: Navigate in the menus.

[7] BACK: Navigate back in the menu or cancel a selection.

Selection

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



Menu

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

LAGONDA

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

Once Inside the Vehicle:

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

Seat Adjustment

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

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



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

They can also be adjusted:

- Up to six minutes after a door is unlocked and before the vehicle key is inserted into the ignition control.
- Up to six minutes after the vehicle key is removed from the ignition control.

If the seat operation times out:

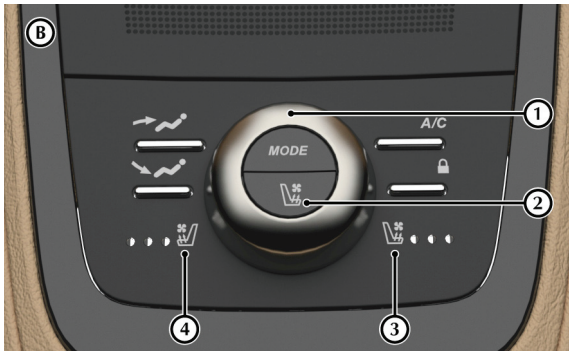
- Place the vehicle key in the ignition control
- Close or open a door

Temperature Controlled Seats

The front and rear seats can be cooled[1] or heated. Cooled or heated air is forced through small holes in the seat base and back. Use the individual seat controls to set the seat temperature.



1. Option.



[1] DIAL: Turn to raise or lower the seat temperature.

[2] SEAT SELECT: Press and release to select the left or right seat.

[3] RIGHT SEAT: When the symbol is ON use the *DIAL* to set the seat temperature.

[4] LEFT SEAT: When the symbol is ON use the *DIAL* to set the seat temperature.

[A] : Front

[B] : Rear

Operation

Front and Rear Seats

The seats can be selected if the ignition is set to ON, but they will not operate until the engine is operating.

Press and release the *SEAT SELECT* button to select the left or right seat. The selected seat symbol will come ON.

Turn the *DIAL* clockwise to heat the seat or anticlockwise to reduce the heat. On vehicles with heated and cooled seats, turn the *DIAL* clockwise to heat and anticlockwise to cool the seat.

The selected seat LEDs show the level of heat (red LEDs) or cooling (blue LEDs). No LEDs shows that the temperature controlled seats are OFF.

Press and hold the *SEAT SELECT* button to set the temperature controlled seats to OFF (LEDs OFF). The system defaults to OFF at each ignition OFF.

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 memorised and recalled.



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

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

Setting a Preset Position

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

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 ’Door Mirrors’, page 3.6).

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 Memorised Position

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

Memory Using the Vehicle Key

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

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

Emergency Stop

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

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.

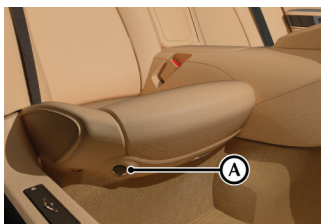


Comfort Switch

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

⚠ Warning: To avoid injury, make sure that children do not play with the switches.

The passenger sat behind the front passenger seat can adjust the position of the front passenger seat to create more leg room if required. To operate the seat press and hold the comfort switch (A). To change the direction of the seat movement, release the switch and wait for 1 second. Release the button when the seat is in the required position.



Interior Mirrors

Rear View Mirror

Automatic Dim

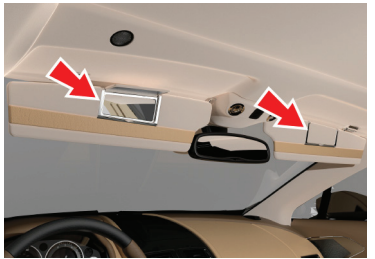
Adjust the mirror on its ball mounting until a satisfactory rear view is obtained.

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



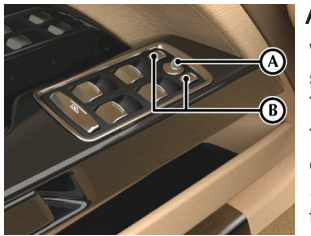
Vanity Mirror

A vanity mirror is located in each sun visor.



Door Mirrors

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



📖 *The vehicle key must 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.

Auto 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 and navigate to *<Car settings...>* ***ENTER*** *<Mirror settings...>* ***ENTER*** *<Auto mirror fold flat enabled>*. Press ***ENTER*** to toggle between ON and OFF, then press and hold ***BACK*** to accept and return to the main screen.

⚠ ***If the vehicle has not been locked or unlocked and the mirrors have been folded using the power fold function then the mirrors will stay folded until placed in the driving position using the power fold function again.***

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

Power Fold Function

The power fold mirror function lets you fold or unfold the door mirror assemblies using the mirror switches.

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 folded using the door switches, they will remain folded on unlock until 10 kmphs is reached.

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

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

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

<Auto>: If set to ON: The door mirrors dip automatically when reverse gear is selected.

If set to OFF: The door mirrors stay in manual mode.

<Passenger only>: Only the passenger door mirror dips.

<Passenger and driver>: Passenger and driver door mirrors dip.

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

- Driver and passenger safety belts with pre-tensioners and load limiting systems
- Driver and front passenger dual-stage airbags
- Driver and front passenger head airbags (door mounted)
- Driver and front passenger seat side airbags
- Front Passenger Airbag Deactivation (PAD) switch

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 dual pre-tensioners and none, one, or both stages of the dual-stage airbag supplemental restraints.

If the pre-tensioners or airbags do not operate in a collision it does not mean that something is wrong with the system. Rather, it means the system determined the accident conditions (crash severity, belt usage, etc.) were not appropriate to operate these safety devices.

Seat Belts

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

Determining if the System is Operational

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

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

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

Aston Martin strongly recommend the use of seat belts.

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

⚠ *Warning: Each belt assembly must only be used by one 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

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

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

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

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

Seat Belt Reminder

Front Passengers

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 or front passenger[1] seat belt is not fastened.

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

1. If a passenger is sitting in the front passenger seat.

Rear Passengers

If a rear door has been opened and closed the message centre will show the rear seatbelts status. The message will go OFF after 10 seconds once the vehicle has reach a speed of 7 km/h or press the ***READ*** button to clear the message immediately.

If a seat belt is unfastened during a journey the warning symbol and a message will show. The warning will stop once the seat belt is fastened or manually cleared by pressing the ***READ*** button.

To Disable or Enable the Rear Seat Belt Reminder

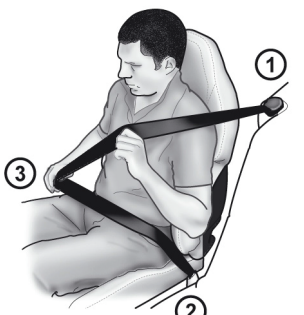
- Make sure that the ignition is set to OFF (ignition position '0') and that both rear seat belts are unfastened.
- Set the ignition to ON (ignition position 'II') and within 60 seconds fasten and unfasten a rear seat belt nine times. Finish with the belt unfastened.
- The message ENABLE/DISABLE REAR SEAT BELT REMINDER? will show in the message centre. Within five seconds fasten and unfasten the rear seat belt once more.
- The conformation message REAR SEAT BELT REMINDER ENABLED/DISABLED will show for 30 seconds.

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.

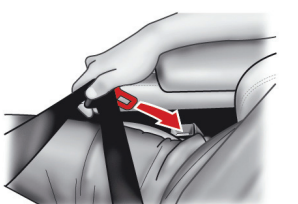
Push the tongue into the belt buckle latch until a positive click is heard.

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.

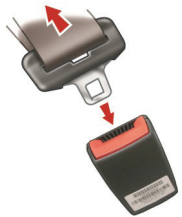


The passenger should therefore (as soon as it is safe to do so) gently pull down the shoulder run of the seat belt to create some slack and then immediately release it to re-tension the belt for the new seating position.



Seat Belt Unfastening

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



Child Seat Belt Fastening

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

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

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

Airbags

Supplemental Restraints System



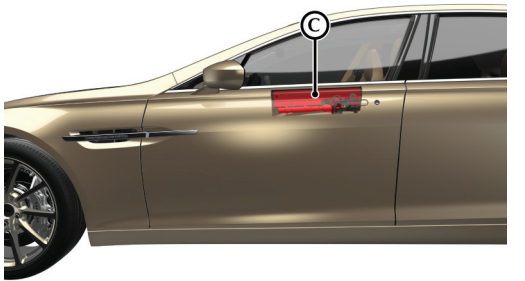
The front airbags (A) only deploy in a serious front collision.

The side airbags, located in the front seats (B) and the front door top panels (C) only deploy according to which side has been impacted in a serious side collision. The airbags mounted in the door top panels on each front door are designed to protect the heads of the driver and front passenger during certain side impacts.



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: The use of accessory seat covers may prevent the deployment of the side airbags and increase the risk of injury in an accident. Do not use accessory seat covers.

⚠ 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.

Aston Martin strongly recommends:

- **Not to install any child seat on the front passenger seat of this vehicle.**
- **That all children are seated in the rear passenger seats.**
- **A child, regardless of age, should always be restrained when travelling in a vehicle.**

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

⚠ 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:

- Passenger Airbag Deactivation (PAD) switch
- 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.

⚠ Warning: With the exception of installing a child seat on the front passenger seat, do not set the PAD switch to OFF, as the front passenger will not receive the added protection of the airbag. Serious injuries or even death could occur.

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.

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.

The PAD switch does not set the front passenger side impact airbags or the seat belt pre-tensioners to OFF.

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 following warning labels (market area dependent) are located on both sides of the sun visor and on the end of the instrument panel (passenger side).





Child Safety Locks

When the child locks are ON the rear doors can not be opened from the inside.

Press the ***MENU*** button on the console and select *<Child lock enabled>*. Press ***ENTER*** to toggle between child locks ON and OFF.

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

Passenger Airbag Deactivation

⚠ Warning: Before installing a child seat on the front passenger seat, the front passenger airbag must be set to OFF.

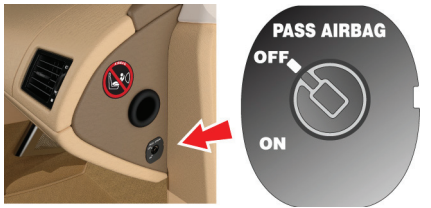
⚠ Warning: Before driving always confirm that the PAD switch is in the appropriate position according to your requirements.

⚠ Warning: With the exception of installing a child seat on the front passenger seat, do not set the PAD switch to OFF, as the front passenger will not receive the added protection of the airbag. Serious injuries or even death could occur.

The PAD switch does not set the front passenger seat side impact airbags or the seat belt pre-tensioners to OFF.

The Passenger Airbag Deactivation (PAD) switch lets the airbag protecting the front passenger be set to OFF. When the PAD is set to OFF a child seat may be installed on the front passenger seat. At ignition ON if the front passenger airbag is set to OFF, then PASS AIRBAG OFF will show in the message centre.

The PAD switch is located on the passenger end of the instrument panel and is accessible when the front passenger door is open.



The PAD switch should be inspected by an Aston Martin Dealer if any of the following conditions occur:

- The PAD warning symbol does not come ON (for six seconds) when the ignition is set to ON and the passenger airbag is set to ON.
- The PAD warning symbol does not stay ON when the ignition is set to ON and the passenger airbag set to OFF.
- The PAD warning symbol stays ON when the ignition is set to ON and the passenger airbag is set to ON.

Set the Airbag to ON or OFF

Insert the emergency vehicle key into the PAD switch and turn clockwise for the OFF position (airbag OFF) or counterclockwise for the ON position (airbag ON). Remove the key.



Airbag ON

When the ignition is set to ON make sure that the PASS AIRBAG OFF symbols (A) come ON for six seconds then go OFF. Failure to follow the advice given above can endanger the life of the child.

Airbag OFF

Make sure that the PASS AIRBAG OFF symbols stay ON when the ignition is ON.

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.

⚠ 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 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

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.

Child Seats - Seat Belt Installation

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 and also advice on installation instructions.

Mass Group[1]		Seating Position	
		Front Passenger	Rear Outboard
'0'	Up to 10 kg (0-9 months)	U_2	U
'0+'	Up to 13 kg (0-18 months)	U_2.	U
'I'	9 to 18 kg (9 months to 4 years)	U_2.	U
'II'	15 to 25 kg (4 to 12 years)	U_2.	L_3
'III'	22 to 36 kg (4 to 12 years)	U_2.	U

1. As shown on the child safety seat packaging
2. Move the passenger seat to its rearmost and highest position.
3. Mass Group II - Aston Martin branded Britax Kidfix ISOFIT

Table Key

L: Suitable for particular child restraint systems. These restraints may be of the 'specific vehicle', 'restricted' or 'semi-universal' categories.

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

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

****:*** Unsuitable for use with many child restraints due to limited space.

Supplied under ECE Regulation 16.

Cabin Storage

Glove Box



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

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.

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

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





Front Cubby Box

The armrest cubby box has an iPod, USB ports, an auxiliary socket and an accessory socket.



Rear Cubby Box

The rear cubby box has an accessory power socket and 2 USB ports to charge the two rear seat entertainment iPad Minis[1] .





Door Pockets

Both front doors have storage pockets.



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.

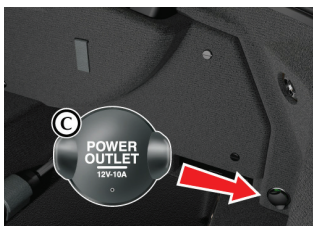
! Extended use of an accessory socket when vehicle engine is set to OFF will discharge the battery.

Accessory sockets are mounted in the front (A) and rear (B) armrest storage compartments and the boot right side wall (C) and may be used to power any 12 volt vehicle accessory requiring a current of less than 10 amps.



1. iPad is a trademark of Apple inc.





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

Ashtray and Cigar Lighter

Optional

⚠ Warning: The cigar lighter is heated to 'red heat' when in use. Take care to avoid burns. Do not allow children to play with the cigar lighter.

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.

Electric Windows

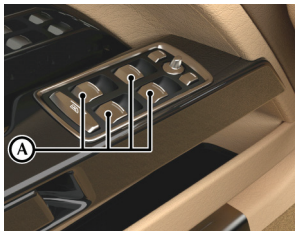
⚠ Warning: Misuse of the window switches, especially by children, can result in injury due to entrapment in the window closure. Drivers must advise all passengers of the possible danger and make sure that all obstructions are clear before raising the window.

📖 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. The drivers door window switch can operate all windows and, for safety, can lock both rear door window switches.

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

Lightly press and hold a window switch (A) for the drivers door or (B) for the other doors to lower the window in one movement. Lightly press and release the window switch to lower the window in stages.



Lightly pull back and hold to raise the window in one movement. Lightly pull back and release, to raise the window in stages. Firmly pull back and release to raise the window in one movement (only when the door is closed)[1] .

If a rear door window is lowered the front door window (on the same side) will also lower a few millimetres (still maintaining a water tight seal). As the rear window is raised the front window will raise.

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 11.28).

1. One movement operation will not work if the anti-trap is faulty

Operation with Vehicle Key

When locking or unlocking the vehicle with the vehicle key, press to lock or unlock and hold until the windows start to move, then release. The door windows will fully raise (when locking) or lower (when unlocking).

Window Anti-Trap

The anti-trap sensor detects an obstruction between the window glass and the door seal during window closing. The window will continue to close until the obstruction is sensed by the door seal sensor, closing then stops and the window backs off. This is a safety feature designed to prevent inadvertent closing of a window on vulnerable parts of the body or other obstructions. Remove any obstruction and then close the window.

If, for any reason it is required to override the anti-trap mechanism, lift and hold the relevant window switch until the window has closed.

Rear Door Window Lock

The rear door windows can be locked so that rear passengers can not operate them. Open or close the windows as required then press and release the rear door window lock button (C) to lock. Press and release again to unlock.



Door Sealing

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

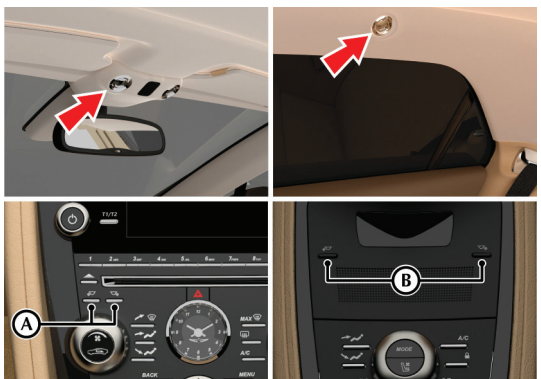
To minimise wind noise and to make sure that the window seal is watertight a door sealing system is used to provide a tight fit of the door glass to the seals around the top of the door opening.

When a door is opened, the windows in both doors, on the same side, automatically lower a small distance to clear the door seal. As the door is closed, both door windows automatically, after a pause, lift against the body frame rubber seals (rear door lifts first). As the vehicle speed reaches 7 km/h the front door windows will lift a small amount again to make sure of a good water tight seal.

Reading Lamps

Reading lamps are located in the front and rear environments. To operate the lamps (ON or OFF) press the individual switches mounted on the front and rear centre console (A and B).

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



Coat Hooks

Coat hooks are located on the grab handles, on the pillar behind the front seatbelts (A).



Refrigerator

(Optional)

The refrigerator can be used to store items at a cool temperature and has an upper shelf and a sliding lower shelf. To access the refrigerator, fold down the rear seat armrest

The ventilation grille for the refrigerator is in the boot.

The maximum load for the refrigerator is 3.5 kg

To Open The Refrigerator



Pull the handle (A) down and fold down the refrigerator door

Lower Tray



The refrigerator has a lower tray that slides out for easy access.

To slide the lower tray out for easier access, hold the edge of tray and pull up and towards the door of the refrigerator. the tray will slide along the guides in the refrigerator side walls. To return the tray back to its storage position, push the tray in and down along the guides in the refrigerator.

Make sure the lower tray is in its storage position before closing the refrigerator door. The tray or tray guides can be damaged if the tray is forced into the refrigerator at an incorrect angle

Upper Tray

The upper tray of the refrigerator provides additional storage. If storing bottles in the upper tray, the bottle capacity should not exceed 500ml

Only store plastic bottles on the upper tray

Operating The Refrigerator

The refrigerator has 3 settings operated by the button on the front of the refrigerator.



- Low Cooling Level
  Press the button once. One indicator light will switch on.
- High Cooling Level
  Press the button again. Both indicator lights will switch on.
- Off
  Press the button again. Both indicator lights will switch off.

The cooling output of the refrigerator depends on the ambient temperature and the selected cooling level.

The refrigerator will reduces the cooling output if:

- There are too many electrical features switched on
- The battery has insufficient charge

If the refrigerator is working at a reduced cooling level, the indicator lights on the switch will flash. normal cooling function will resume when there is sufficient voltage available

Refrigerator Maintenance

If the refrigerator is not to be used for an extended period of time it should be cleaned and switched to off. After cleaning, the refrigerator door should be left open to ventilate.

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Controls

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

Filler Flap Emergency Release: (Refer to 'Fuel Filler Flap Emergency Release', page 5.16)

[2] MASTER LAMP SWITCH: Four position master lamp switch, which controls the vehicle external lamps (OFF, side lamps, main lamps and AUTO) (Refer to 'Master Lamp Switch', page 4.14).

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

[4] CENTRE STACK: (Refer to 'Centre Stack Controls', page 4.8).

[5] GLOVE BOX RELEASE: Press to open the Glove box. Push the Glove box lid up to close.



[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.

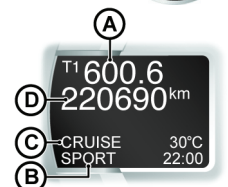
[3] MESSAGE CENTRE (LEFT): Shows the following:

- **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 Drive** mode and the current gear selection when in **Touchtronic** mode (Refer to 'Automatic Transmission', page 5.5).



[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 4.16).
- **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.

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...>* ***ENTER*** *< Digital Speedometer...>* ***ENTER*** and 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...>* ***ENTER*** *< Clock>* ***ENTER*** and select *24* or *12* to select the relevant time format for the clock and press ***ENTER*** to confirm.



[1] ***LOW FUEL WARNING:*** Comes ON when only approximately 13 ltr of fuel or 80 km distance is available. At 13 ltr / 80 km and 7 ltr / 40 km 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:*** Steady amber shows a fault in the engine management system. Continue driving only if there are no audible, visible or physical signs of degraded engine performance. Consult your Aston Martin Dealer as soon as possible.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[14] ***DYNAMIC STABILITY CONTROL:*** When Dynamic Stability Control (DSC) is ON this symbol will flash when the DSC system is operating. 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.

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

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

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

[18] ***PATS:*** When the alarm is on, this symbol flashes continuously (Refer to 'Passive Anti-Theft System', page 2.14).

[19] ***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 on two separate conditions:

- •When the fuel tank is filled with 5 litres or more, if the vehicle is stationary for 3 minutes on level ground and if the oil temperature is within a pre-set range.
- •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 12.8).

If the engine oil level is approaching the minimum mark the message OIL LEVEL LOW ADD OIL 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)

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

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.

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.



[1] SATELLITE NAVIGATION SCREEN: Opens when the Satellite Navigation system is set to ON (Refer to 'Satellite Navigation', page 10.1).

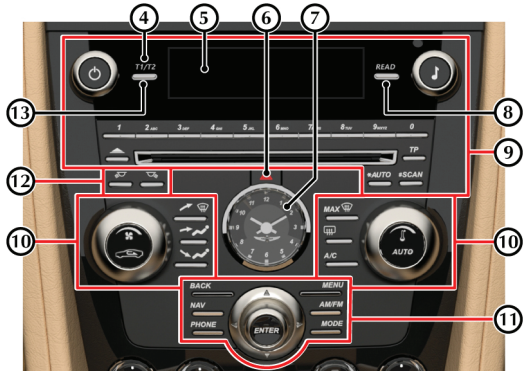
[2] IGNITION CONTROL: Insert the vehicle key for ignition positions '0'. 'I', 'II' and engine start (Refer to 'Ignition Control', page 4.11).

[3] TRANSMISSION CONTROLS: Park, reverse, neutral and drive transmission controls (Refer to 'Automatic Transmission', page 5.5).

[4] AIRBAG STATUS : Shows the passenger airbag status (Refer to 'Passenger Airbag Deactivation', page 3.15).

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

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



[7] CLOCK: To set the time press ***NAV***. Use the satellite navigation screen and go to *<Settings>***ENTER***<Time>*.

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

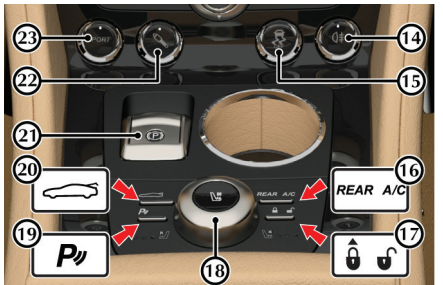
[9] AUDIO CONTROLS: (Refer to 'Audio', page 7.1).

[10] CLIMATE CONTROLS: (Refer to 'Climate Controls', page 6.2).

[11] MODE AND MENU NAVIGATION: Select functions and move back in the menus. Use the joystick to navigate for menus, music tracks, radio stations. Press to accept.

[12] READING LAMPS: Driver and passenger reading lamps.

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



[14] REAR FOG LAMPS: Used 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.

[15] DYNAMIC STABILITY CONTROL: The Dynamic Stability Control (DSC) system defaults to ON at each ignition ON. Press and hold for approximately four seconds for track mode. Press and hold again for approximately four seconds to set DSC to OFF. Press and release to set DSC ON again (Refer to 'Dynamic Stability Control with Track Mode', page 5.12).

[16] REAR A/C: Press and release to set the rear climate from the front controls (Refer to 'Rear Environment', page 6.7).

[17] MASTER VEHICLE LOCK: Press to lock all doors and disable the boot lock switch. Press again to unlock (Refer to 'Master Locks', page 2.8).

[18] SEAT TEMPERATURE CONTROL: Press and release to select the left or right seat. Turn the dial to set seat temperature (Refer to 'Temperature Controlled Seats', page 3.2).

[19] PARKING ASSIST: Defaults to OFF at each ignition ON. Park assist comes ON when reverse gear is selected. Press and release to set parking assist to OFF (Refer to 'Parking Assist', page 5.17).

[20] BOOT OPEN: Press to open the boot lid.

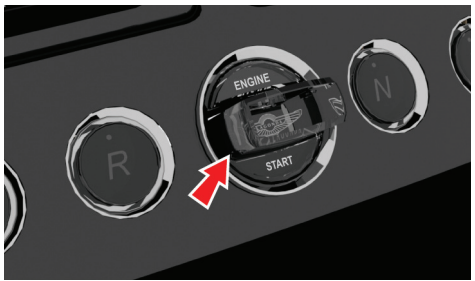
[21] PARK BRAKE: Pull the park brake switch up and release to apply the park brake. To release the park brake the ignition control must be at position 'II', then apply pressure to the foot brake and press down on the park brake switch and release (Refer to 'Park Brake', page 5.11).

[22] SPORT MODE: Press the sport button once to enter transmission sport mode and press again to exit (Refer to 'Sport Mode', page 5.8).

[23] ADAPTIVE DAMPING: The Adaptive Damping System (ADS) defaults to the last selected damper mode at each ignition ON (Refer to 'Adaptive Damping', page 5.14).

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.*

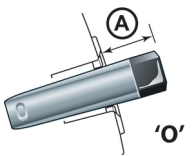


Position '0' (Ignition OFF)

Auxiliaries OFF (audio, rear seat entertainment system, satellite navigation, 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 (A) then release. The key is docked at this point.

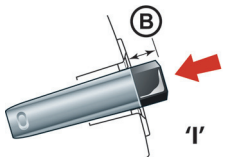
Remove by pulling the vehicle key from the ignition control.



Position 'I' (Ignition OFF and Accessories ON)

Auxiliaries ON (audio, rear seat entertainment, satellite navigation, hands-free phone available), steering lock ON.

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



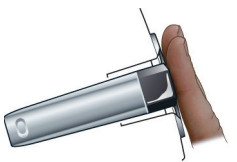
Remove by pulling the vehicle key from the ignition control.

Position ‘II’ (Ignition ON)

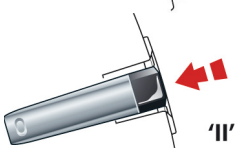
Ignition and all other electrical systems ON, steering lock OFF.

Do not apply the brake pedal 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 apply the brake pedal 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.*

Preventing Unnecessary Battery Drain

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

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

Stalk Controls

Left Side Stalk

Turn Signals :



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

Main and Dipped Beam :



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

Pull forwards and release without latching, when the vehicle key is removed, to start Homesafe (Refer to ’Homesafe’, page 2.12).

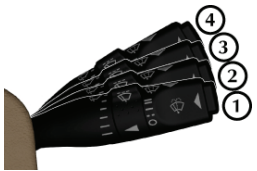
Trip Computer :



Repeated pressing of the trip function button (A) moves through the trip computer displays (Refer to ’Trip Computer’, page 4.15).

Right Side Stalk

Windscreen Wiper Control :



[1] : OFF.

[2] : Automatic Wipe.

[3] : Normal Speed Wipe.

[4] : Fast Wipe.

Demand Wipe: Pull the stalk forwards.

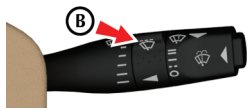
The windscreen wipers will return to their park position if the ignition is set to OFF or the bonnet is unlatched, regardless of the right stalk position.

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

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

As soon as the vehicle speeds up (above 15 km/h) 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. Each time an increase in sensitivity is made a single wipe acknowledges the increase. No wipe occurs for a decrease.

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.

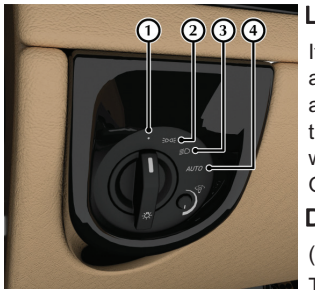
Headlamp Washers : Headlamp washers will operate automatically, once per journey (each ignition ON), if the windscreen washers are operated and the headlamps are ON.

Vehicle Horn

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



Master Lamp Switch



1. All external lamps OFF.
2. Side, side marker, rear and registration plate lamps ON.
3. With the vehicle key at position 'II' in the ignition control, Headlamps ON, in addition to the side, side marker, rear and registration plate lamps.
4. With the vehicle key at position 'II' in the ignition control, 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.

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.

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

(Denmark, Norway and Sweden only)

The dipped beams and side lamps are permanently ON.

Instrument Brightness

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

During the twilight and night time hours, a twilight sensor located at the top of the windscreen automatically reduces the level of brightness to a preset level.

If the twilight sensor is covered then the level of brightness will stay low as if in night time mode. For example, when parked in a garage.

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



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

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

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.

Tyre Pressure Monitor : Shows the current tyre pressure for all tyres (Refer to 'Tyre Pressure Monitoring', page 4.18).



Display Units

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

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





Cruise Control

Cruise control can be used to maintain a selected vehicle speed (between 30 - 250 km/h) 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, accelerate or decelerate.

[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, 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 4.18).

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

Changing the Set Speed

There are three ways to change the set speed:

- Accelerate or decelerate to the desired speed then press 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 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. ***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.
- If DSC is active.
- Neutral, Park or Reverse gear positions are selected.

Ambient Temperature

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

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

If required the display units can be changed from °C to °F or °F to °C (Refer to 'Climate Controls', page 6.2).

Tyre Pressure Monitoring

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

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

Tyre Pressure Indicator



As an added safety feature, your vehicle has been equipped with a Tyre Pressure Monitoring System (TPMS). If an over or under-inflated tyre is detected by the system, the TPMS indicator (A) is solidly illuminated. At the same time, the vehicle message centre will display the text **CHECK TYRES**. Once the message has been acknowledged an image of the vehicle will be displayed in the message centre showing which tyres(s) have low or high air pressure and the current tyre pressure. When the tyre pressure indicator comes ON, stop and check your tyres as soon as possible, and inflate or deflate them to the correct pressure.

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

Malfunction Indicator

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

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

When the system detects a malfunction, the indicator will flash for approximately 80 seconds and then stay ON. At the same time the vehicle message centre will display the text **TYRE SYSTEM FAULT**. Once the message has been acknowledged an image of the vehicle will be displayed in the message centre showing which tyre(s) have a fault. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.

Operation

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

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

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 tyre(s) in the message centre:

Warning One

TPMS Indicator Symbol



Constantly on.

Message Centre

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

Fault

Tyre pressure below or above specification.

Action

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

Warning Two

TPMS Indicator Symbol



Flashing for 80 seconds then constantly on.

Message Centre

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

Fault

System failure or tyre transmitter fault.

Possible Cause

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

Action

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

Display Units

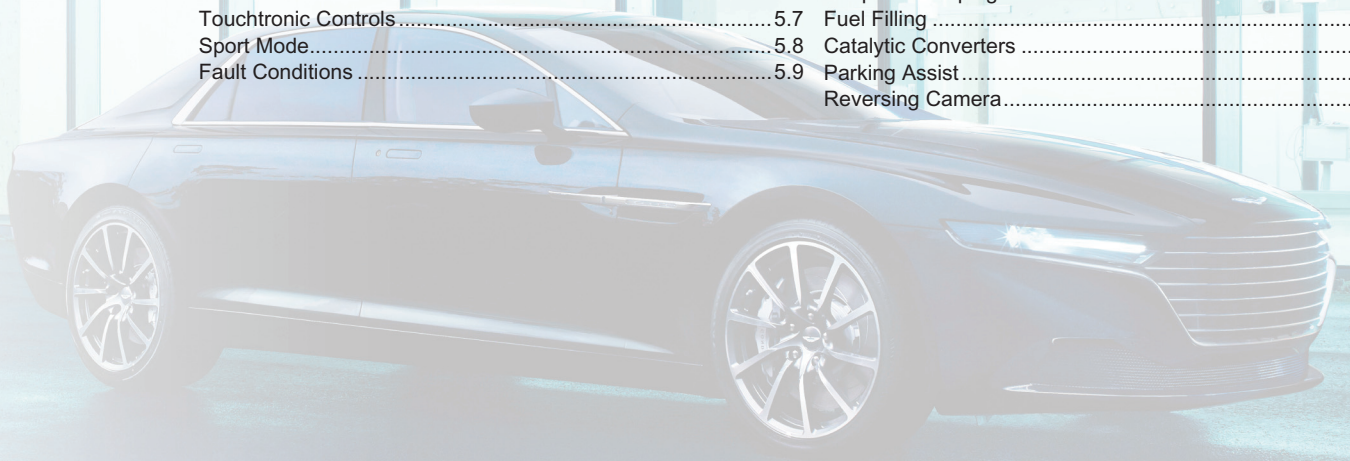
The display can be set to show metric or imperial units.

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



Driving

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Driving Techniques 5.2
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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. Familiarise yourself with the vehicle and always drive prudently, being aware of your own limitations and the limitations of the vehicle. As with other vehicles of this type, failure to operate the vehicle correctly can result in accident and injury.
- Follow the maintenance schedule approved in this guide.
- Never allow the vehicle to be driven by inexperienced drivers.

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.

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.

Wet Conditions

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

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

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

Track Days

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

Driving Through Deep Water

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

! 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.

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.

Overspeed Warning

If vehicle speed reaches 120 km/h a warning ‘gong’ will be heard. This warning will continue until either the vehicle speed goes beyond 130 km/h or the vehicle speed falls below 117 km/h.

If the vehicle speed has increased beyond 130 km/h the warning ‘gong’ will not be heard again until the vehicle speed has fallen below 120 km/h and then increased to 120 km/h or greater.

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.

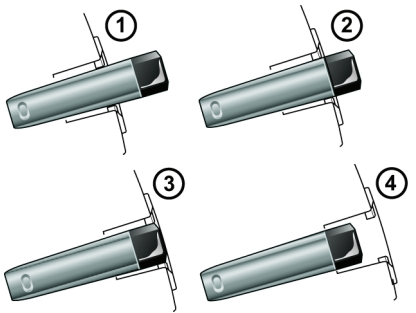
Do not press the vehicle key while driving. If the key is pressed in and released the engine will stop. If the key is removed from the ignition control while driving the engine will stop but the steering lock will not engage until the vehicle has come to a complete stop.

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.



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

Ignition Sequence



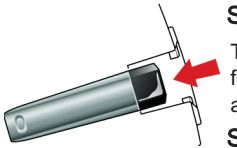
[1] : Position ‘0’ (Ignition OFF)

[2] : Position ‘I’ (Ignition OFF and Accessories ON)

[3] : Position ‘II’ (Ignition ON)

[4] : Engine start

Engine Start



Check that the park brake is applied.

Fully press the brake pedal down.

Insert the vehicle key into the ignition control and press the key fully in 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 Drive Mode

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

While in auto drive mode, move to touchtronic mode at any time by pulling back 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 drive 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

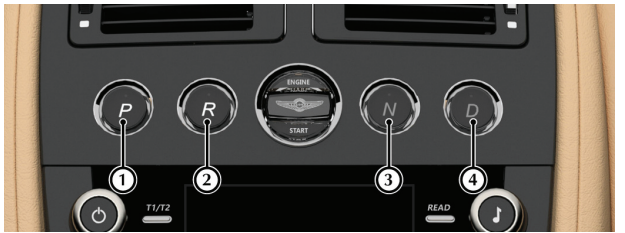
In touchtronic mode, forward gears and Neutral are selected by using the paddles located behind the steering wheel. Reverse and Park are selected by using the PRND buttons.

While in touchtronic mode, move to auto drive 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.*

PRND Buttons



[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.

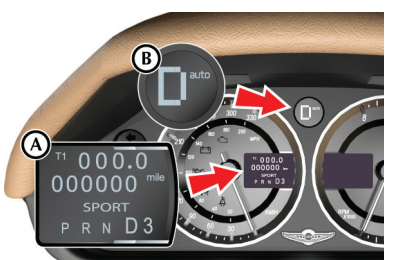
[2] REVERSE: When stationary and with the footbrake applied, press and release to select Reverse. When reverse is selected, ***R*** will show red in the Gear Position Indicator Display (GPID) (B) and a warning will be heard.

[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 is exceeded then the transmission will automatically select Neutral.

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**.*

From Park, Reverse or Neutral, and with the footbrake applied, pull back on either the upshift or downshift paddle to enter touchtronic mode. As the vehicle speed increases and decreases, make upshifts and downshifts by pulling and releasing the upshift or downshift paddle.

If no gearshift has been requested by pulling back on a paddle, upshifts and downshifts will occur automatically if the engine speed rises or lowers to its maximum or minimum operating limits. This does not occur if the transmission is in sport mode (Refer to 'Sport Mode', page 5.8).

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'.

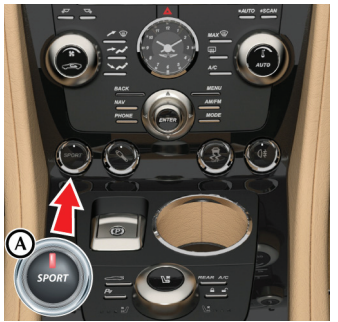


Gear Shift Indicator

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. The Sport button LED will come ON and 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, do the procedure that follows: Make sure that the ***NAV*** (B) button is not illuminated. Press ***MENU*** (C). Navigate to *<Car settings…>* Press ***ENTER*** (D). Navigate to *<Keep sport mode>*, Press ***ENTER*** to set *<Keep sport mode>* to ON.

To return sport mode to the default setting, do the procedure that follows: Make sure that the ***NAV*** button is not illuminated. Press ***MENU***. Navigate to *<Car settings…>* Press ***ENTER***. Navigate to *<Keep sport mode>*, Press ***ENTER*** to set *<Keep sport mode>* to OFF.



Fault Conditions

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 the engine will stop and the parklock will come ON.

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

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

Footbrake

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

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

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

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

Vacuum boost is only available while the engine is running.

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.

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

Anti-lock Braking System

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

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

Safety

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

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

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

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

ABS Warning

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

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

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

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

Apply and Release the Park Brake

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

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

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



Drive Away Release

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

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

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

Park Brake Operation While Moving

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

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

Release the switch to cancel the park brake application.

Park Brake Faults

Low Battery Voltage

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

System Faults

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

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

Dynamic Stability Control with Track Mode

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 tyres are at the limits of their grip capabilities. This is achieved through the reduction of engine torque and strategic application of the brakes at individual wheels.

Driver Interface and Control

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

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

Use tyres of the same manufacturer, brand, type, tread pattern and correct size specified for this vehicle on all four road wheels. Do not mix new and worn tyres 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: When in Track mode, press and hold the DSC button for four seconds and release to set the DSC to OFF. DSC OFF can not be selected from DSC ON. DSC FUNCTION OFF will show in the message centre. 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.

When 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
- And, or, adapt the engine torque to a level corresponding to the traction available on the road surface.

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

If cruise control is on it will automatically go OFF when 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.

Adaptive Damping

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 and release 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.

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

Open the fuel flap by pressing the fuel flap release button (A) located in the 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

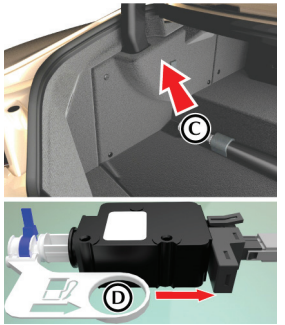
An emergency fuel fill funnel is located in the boot tool kit. It can be used to fill the fuel tank from a fuel can.

Fuel Filler Bowl

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

Fuel Filler Flap Emergency Release

Remove the left side boot trim panel (C) to access the manual fuel filler flap release. Push the lever (D) towards the front of the vehicle to open the filler flap.



Fuel Cut-OFF

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

Engine Oil Level

It is important to check the engine oil level regularly. Running the engine with engine oil below the lower mark or above the upper mark can cause serious engine damage.

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

Catalytic Converters

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

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

Catalytic convertors convert harmful exhaust gasses into less noxious substances and so reduce environmental pollution. They operate at high temperatures and continue to radiate a considerable amount of heat after the ignition has been set to OFF.

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

⚠ *Warning: Parking assist does not replace 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. Some overhanging objects, barriers, thin obstructions or painted surfaces which could possibly cause damage to the vehicle may not be detected by the system. Always be vigilant when using parking assist.

Do not turn and hold the steering on full lock for any more than 10 seconds. If the steering is held on full lock for more than 10 seconds the power steering pump can fail.

The rear sensors are not ON when neutral is selected, therefore care should be taken if moving the vehicle as the warning sound will not be heard.

Do not clean the sensors with abrasive or sharp objects.

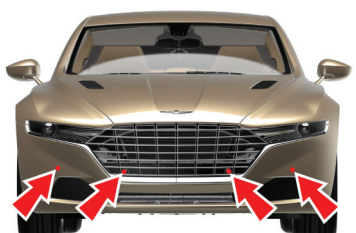
For reliable operation, the sensors in the front and rear bumpers should be kept free from ice, frost and grime.

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

When activated, a warning will be heard when driving forwards or rearwards, if objects are detected within range of the vehicle.

Front and Rear Parking Assist

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





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

The parking assist system defaults to OFF when the ignition is set to ON. The system comes ON when reverse gear is selected, or if the parking assist button (A) is pressed at speeds below 15 km/h.



The system will set to OFF when the vehicle moves forwards above 15 km/h. The parking assist button LED will come ON when the system is set to ON. The LED will flash if a fault is detected in the system.

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

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

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

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

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

Reversing Camera

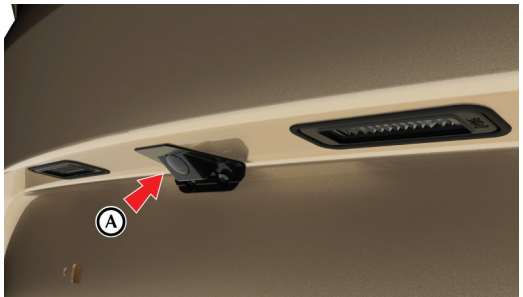
⚠ Warning: The parking camera does not replace the need for total vigilance and caution when parking or reversing.

! 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. Do not clean the camera lens with abrasive materials.

In addition to the parking assist system, a rear parking camera, located above the rear registration number plate (A), gives a view from the rear of the vehicle as the vehicle is moved backwards while parking or reversing. When reverse gear is selected the camera view is shown on the satellite navigation screen.



If the satellite navigation 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 (which ever is sooner), then return to the satellite navigation screen. Press and release the ***NAV*** button to move between the parking camera and satellite navigation screens, at any time, while reverse is selected.

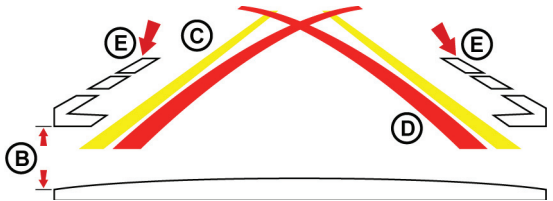
If the satellite navigation is OFF the screen will raise when reverse gear is selected and lower when reverse gear is deselected.

The screen can be set to not raise when reverse gear is selected if the satellite navigation system is OFF. Press ***MENU*** on the console and navigate to *<Car Settings... >****ENTER****< Disable Cam. if nav off>*. Press ***ENTER*** to set the camera ON or OFF, press ***BACK*** to return to the previous screen(s).

If the camera is set to OFF when the satellite navigation system is OFF, press ***NAV***, at any time while the transmission is in reverse gear, to raise the screen and operate the camera, if required.

At any time while in reverse gear, press and hold the ***NAV*** button to lower the screen, if required.

Camera Operation



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 (B).

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Climate Control

Operating Tips 6.2
Climate Controls 6.2
Airflow Modes 6.4
Automatic Operation 6.5
Manual Operation 6.6
Rear Environment 6.7

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 bonnet and the air inlet in the front grille to improve the system efficiency.
- Windows can fog up easily in humid weather. Use the climate control system to demist the windows.
- To help demist the windows, operate the air conditioner to dehumidify the air.
- Use the 'outside air' position in normal conditions. The 'recirculated air' position should be used temporarily when driving on dusty roads or for quick cooling or heating of the interior.
- If the vehicle has been parked in direct sunlight during hot weather, open the windows to let warm air escape, then close the windows and operate the climate control system.
- Operate the climate control system at least once a month to keep internal parts lubricated.
- Have the climate control system checked before the weather gets hot. If the climate control system is low on refrigerant or has a malfunction, consult your Aston Martin Dealer.
- This vehicle is equipped with a pollen filter. It is necessary to change the filter periodically as shown in the scheduled maintenance. Consult your Aston Martin Dealer.
- Air conditioning may not function when the outside temperature approaches 0°C (indicator stays ON even when system is OFF).

Climate Controls



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

[2] AUTO: Press for automatic climate control operation (Refer to 'Automatic Operation', page 6.5).

[3] TEMPERATURE: Set the required in vehicle temperature. Turn clockwise for hot and counterclockwise for cold. The selected temperature is shown on the display.

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

[5] HEATED REAR WINDOW: Press to operate the rear window heater. Goes OFF after 20 minutes if not manually set to OFF. When the heated rear window is ON the door mirror heaters will work for 6.5 minutes, then go OFF.

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

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

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

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

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

[9] AIRFLOW: Select the required airflow. The selected air flow mode is shown on the display (Refer to 'Automatic Operation', page 6.5).

[10] REAR AC: Press and release (LED ON) to operate the rear environment climate with the front controls (rear controls locked). Control defaults back to front climate after five seconds (LED OFF) if no climate control buttons are used (rear controls unlocked). Press and hold for three seconds and release to lock or unlock the rear environment climate controls.

Display Units

To change the display units to show Celsius (°C) or Fahrenheit (°F).

Press and hold in buttons 1 and 6 (A). Insert the vehicle key in the ignition control and move to position 'II' (ignition ON), then release the two buttons.

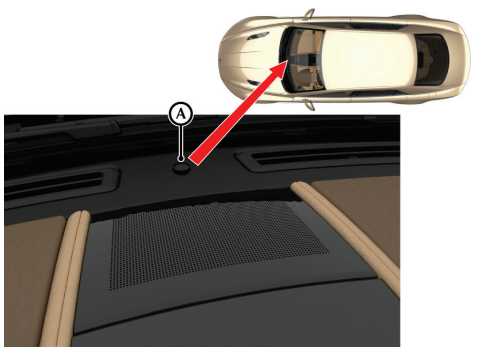


Solar and Temperature Sensors

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.

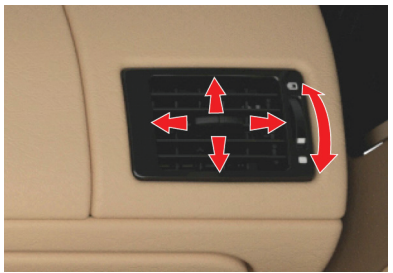


Mode	Button(s)
Windscreen and Door Windows *In addition a small bleed of air is directed into the face vents.*	A
Face Only	B
Feet Only *In addition a small bleed of air is directed to the face vents, the windscreen and door windows.*	C
Windscreen, Door Windows and Feet *In addition a small bleed of air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



Adjusting the Vents

To adjust the air flow vents:



Automatic Operation

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

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

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

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

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

Defrost and Demist

To defrost or demist the windscreen on vehicle start up in extreme cold weather conditions, operate the engine at 1500 rpm. Always make sure that the 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 engine is cold the air conditioner will not start up until the engine has started to warm up.

To cancel automatic defrost or demist either:

- Press ***MAX***  again.

or

- Press ***AUTO***.

or

- Press any of the airflow mode buttons.

The automatic defrost setting times out after 6 minutes.

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 (button LED ON). To stop dehumidifying press ***A/C*** button (button LED OFF).

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

Defrost and Demist

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

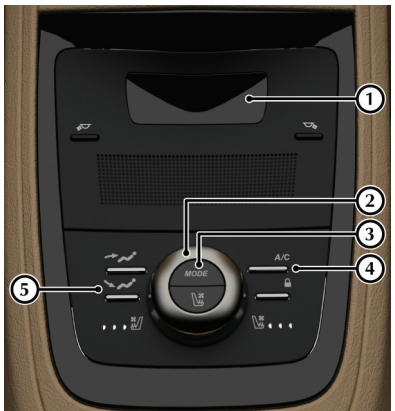
Control of the Rear Climate

Press and release ***REAR A/C*** to set the rear climate from the front controls. Once pressed set the fan speed, temperature, airflow mode[1] and A/C for the rear environment. If no buttons are pressed, after seven seconds the control returns to the front.

Press ***REAR A/C*** and hold for two seconds and release to lock or unlock the rear controls. When the rear climate controls are locked the ***REAR A/C*** LED will show. When locked the rear controls can not be used and the interior climate is set only by the front controls.

1. Not shown on screen.

Controls



[1] DISPLAY: Shows the fan speed or temperature when selected.

[2] DIAL: When temperature, fan speed or seat climate control buttons are selected, turn to set temperature or fan speed.

[3] MODE: Press and release to select temperature or fan speed. Defaults to fan speed.

[4] A/C: Press and release to set the rear air conditioning to ON or OFF.

[5] AIRFLOW: Select the required airflow.

Operation

When the rear climate system is unlocked at the front controls, set the fan speed, temperature, air flow and A/C for the rear environment from the rear controls.

*The **DISPLAY** will not show when control is from the front.*

Rear air conditioning is only available when the front air conditioning is set to ON.

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

Press ***MODE*** to select fan speed or temperature. Turn the ***DIAL*** to set the required fan speed (clockwise for faster and counterclockwise for slower) or temperature (clockwise for warmer and counterclockwise for cooler).

Press and release each ***AIRFLOW*** button to select an airflow mode. By pressing one or more buttons at a time, three airflow modes are available. When no airflow mode is selected the rear climate system sets to OFF.

When no airflow mode button is selected there is a small time delay before the rear system sets to OFF.

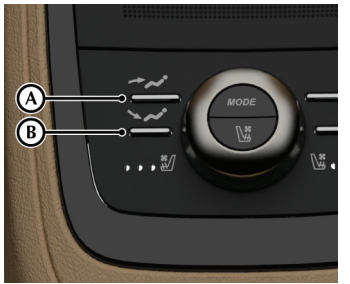
To assist the front climate control when the interior is either too warm or too cold, when the front climate system is set to either ***AUTO*** and maximum high or ***AUTO*** and maximum low temperature the rear system follows as detailed, regardless of it's current state:

The front climate controls must be set to maximum high or maximum low temperature.

Auto High: The rear system will set to ON at maximum high temperature and fan speed, the airflow mode will be foot mode.

Auto Low: The rear system will set to ON at maximum low temperature and fan speed, the airflow mode will be face mode.

Any adjustment, during this time, to the rear climate controls will override these conditions. When front auto high or low is stopped the rear system will return its previous state.



Mode	Button(s)
Face Only	A
Feet Only	B
Face and Feet	A+B

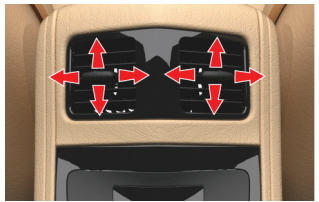
Press ***A/C*** if air conditioning is required.



Adjusting the Vents

To adjust the air flow vents:

The rear vents can not be set to OFF.



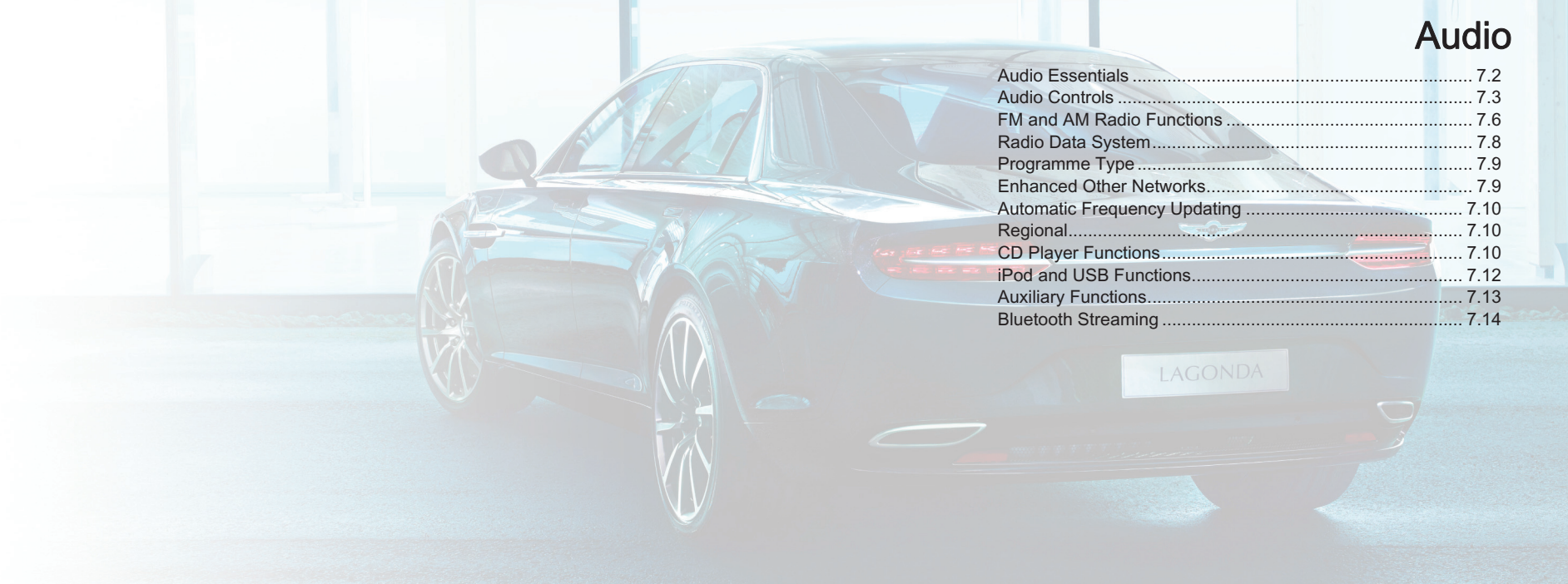
LAGONDA

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LAGONDA

Audio

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Audio Essentials

Bang & Olufsen BeoSound Audio

Radio: AM and FM radio[1] . 10 AM and 20 FM presets are available.

CD: Six CD autochanger.

Bluetooth® Wireless Technology: Audio and hands-free

USB Device: 2 x connection port in front arm rest

Auxiliary Input: Connection port in front arm rest.

Power Output: 1000W

Speakers

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

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

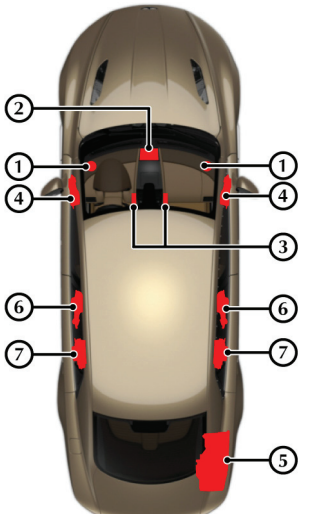
[3] : Footwell: Two 140 mm woofers in closed cabinets.

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

[5] : One 200 mm subwoofer housed in closed cabinet in the right side boot wall.

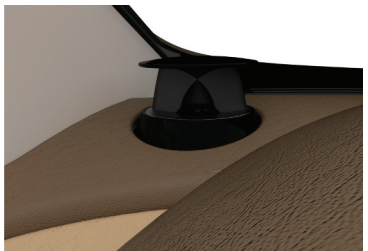
[6] : Two speakers, one 90 mm mid-range and one 19 mm (soft dome) tweeter, in each rear door.

[7] : One 140 mm woofer in each rear door.



1. Medium Wave (MW) and Long Wave (LW).

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 motorised 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. 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.



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

[2] VOLUME: Volume control.

[3] KEYPAD: Use the numbers as menu short cuts. Press the number corresponding to the menu number.

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

[5] SOUND: Press and hold to enter sound setting mode. Press repeatedly to move though settings, turn to select. When in iPod or USB mode a press and release will enable file viewing.

[6] TUNING: Turn to manually search stations, change music tracks or navigate in the menus.

[7] TP: Press to enable traffic broadcasts. Press again to disable.

[8] SCAN:

- **Radio:** Find and store the strongest stations.
- **CD / iPod / USB:** 10 seconds of each track is played. Press once again to select a track.

[9] AUTO: Automatic station search.

[10] CD OPENING: Insert CD.

[11] MENU: Opens the main menu.

[12] AM/FM: Press to select radio as audio source.

[13] MODE: Press repeatedly to select audio source.

[14] ENTER: Select in the menu, open a selection or open a file.

[15] JOYSTICK: Navigate in the menus.

- **Radio:** Press left or right to auto search the next station. Press and hold left or right to manually select a station. Press up or down to navigate in the menus or preset stations.
- **CD:** Press left or right to move to the next or previous track. Press left or right and hold to search within a track or the whole CD. The search continues as long as the Joystick is pressed.
- **iPod / USB:** Press left or right to move to the next track or previous. Press left or right and hold to search within a track or the whole music folder. The search continues as long as the Joystick is pressed.

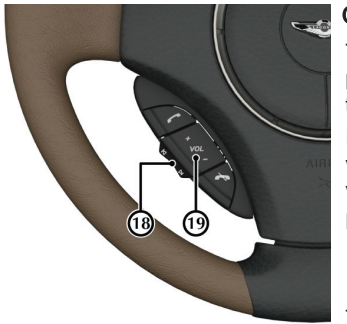
[16] BACK: Press to move back one action. Press and hold to move back to the default screen.

[17] CD EJECT: Press to eject CD.

[18] SCROLL:

- **Radio:** Navigate through the preset radio stations.
- **CD / iPod / USB:** Navigate through the music tracks.

[19] VOLUME: Volume control.



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.

📖 *When the audio system is set to ON the volume will be at the same level it was when the audio system was set to OFF.*

The ***JOYSTICK***, ***ENTER*** and ***BACK*** will not operate if Satellite Navigation is selected (***NAV*** button LED ON) either press:

- The ***NAV*** button to deselect satellite navigation (***NAV*** button LED OFF),
- Or press any audio button other than ***BACK***, ***ENTER*** and ***JOYSTICK***

to access controls for audio.

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

Sound Source

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

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

Battery Protection Mode

Using the audio system, with the vehicle key at position 'I' (ignition OFF) will drain the battery charge. A warning message will show in the message centre when the battery charge is low (Refer to 'Battery Protection Mode', page 11.20).

Menus

The audio menu is only available when the audio system is in use. Press ***MENU*** to access the main menu. The menu for the current audio source (i.e. radio, CD, iPod) will be available.

Search Path

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

<menu item shown in the display> ***BUTTON TO PRESS***

For example,<Phone menu...> ***ENTER*** *<Phone settings...>* ***ENTER*** *<Sounds and volume...>*

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

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

Active Sound Control

This vehicle has a speed-dependent volume feature known as Active Sound Control (ASC). This adjusts the volume automatically depending on the speed of the vehicle.

Press MENU and navigate to Sound Source menu, press ***ENTER***. Select <Auto. volume control> ***ENTER*** <Off>, <Low>, <Optimum> or <High> ***ENTER.***

Original Settings

Radio Functions

Resets all radio settings to the original factory settings: Press MENU and navigate to <FM Menu...> ***ENTER*** <Advanced radio settings...> ***ENTER*** <Reset all...> ***ENTER***. Press ***ENTER*** again to confirm.

Sound Settings

Resets all sound settings to the original factory settings: Press **MENU** and navigate to sound source menu, press ***ENTER***. Select <Audio settings...> ***ENTER*** <Reset all...> ***ENTER***. Press ***ENTER*** again to confirm.

Bang & Olufsen Audio Sound Settings

To access sound settings press and hold ***SOUND***. Then press repeatedly until the required sound setting is shown on the display. Turn the ***TUNING*** dial to the desired setting.

Sound Focus

The focus of the sound from the audio system can be optimised for either the driver, the driver and front passenger, the rear passengers or all front and rear passengers. Select:

The audio system detects seat occupancy by seat belt engagement.

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

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

Rear: The focus of the sound is optimised for both rear seat passengers.

All: The focus of the sound is optimised both for the front and the rear passenger(s).

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

Other Sound Settings

Bass: Level for bass.

Treble: Level for treble.

Fader: Balance between the front and rear speakers.

Balance: Balance between the left and right speakers.

Surround: Level for surround sound.

FM and AM Radio Functions

Automatic Tuning

Select *FM1*, *FM2* or *AM* using the ***AM/FM*** button. Press the ***JOYSTICK*** (left or right) to search for the next strong station.

Press left or right again to start a new search.

If no stations are found press either button again to cancel.

Manual Tuning

There are two ways to tune into a station manually.

- Turn the ***TUNING*** dial to set the desired frequency.
- Press and hold the ***JOYSTICK*** (left or right).
  The frequency rolls slowly in the selected direction and increases speed after a few seconds.

Release the button when the desired frequency shows on the display. If the frequency needs adjusting, briefly touch one of the arrows.

Storing Stations

10 stations can be stored for FM1, FM2 or AM (a total of 30 stations).

To store stations:

Tune to the desired station. Press and hold the ***KEYPAD*** button (0-9) where the station is to be stored. The sound will be muted for a couple of seconds and 'Station Stored' will show on the display.

Select a stored station by either pressing a ***KEYPAD*** (0 to 9) button or use the ***SCROLL*** button to scroll through the station list.

Autostoring Stations

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

Select *FM1*, *FM2* or *AM* using the ***AM/FM*** button. Start the search by pressing and holding ***AUTO*** (more than two seconds).

'Autostoring.' shows on the display and a number of strong stations (maximum ten) from the selected frequency band are stored in the autostore memory. It there are no stations that are sufficiently strong, 'No AST Found' shows on the display.

📖 *If more than ten stations are found, the ten strongest are selected. This function is particularly useful if you are in an area in which you are unfamiliar with the radio stations and their frequencies.*

The stations are stored on the ***KEYPAD*** (buttons 0-9). When the radio is in autostore mode, 'Autostoring' is shown on the display.

Return to the ordinary radio mode by pressing and releasing ***AUTO*** (less than 0.7 seconds). Pressing and releasing either ***AUTO*** or ***BACK*** will also cancel autostoring.

Select an Auto stored station by pressing ***AUTO***, then a ***KEYPAD*** (0 to 9) button or the ***SCROLL*** button to scroll through the station list.

Automatic Search for Transmitter

'PI seek' shows on the display when reception is poor for the selected station. The radio automatically searches for the strongest transmission for that station. 'PI seek Back to cancel' is shown on the display until the station is found.

Scanning

Scanning automatically searches for the next strong FM or AM station signals. When the radio finds a station, scanning pauses for approximately eight seconds, after which it continues.

Select *<FM>* or *<AM>* with the ***AM/FM*** button.

Press ***SCAN***. 'Scan' shows on the display and each found station will play for approximately eight seconds. Press ***SCAN*** or ***BACK*** to accept the station.

📖 *If no stations are found press either button again to cancel.*

Radio Data System

Radio Data System (RDS) is a system that links together specific network transmitters. It is used, for example, to tune the correct frequency of a station irrespective of the transmitter or the current audio source (e.g. CD). The system can also be used for receiving traffic information (TP) and for finding broadcasts of a specific type. Radio text is also a component of RDS. A radio station can transmit information about the radio programme currently being broadcast.

Messages with a programme code (such as news from RDS stations) will interrupt other audio sources at the volume set for this. As soon as the news broadcast is finished, the audio system returns to the previous audio source and resumes the previous volume setting.

Some radio stations do not use RDS or only use a limited range of its features.

Alarm

Alarms are transmitted automatically. The function cannot be set to OFF. 'Alarm!' is shown on the display when an alarm message is broadcast. The function is used to warn motorists of serious accidents or disasters.

News

Press ***MENU***. Navigate to *<FM Menu...>* ***ENTER*** *<News>* ***ENTER***. When news is ON 'NEWS' will show on the display.

Press ***BACK*** during a news broadcast to cancel the broadcast. The news function stays ON and waits for the next news programme.

News From Current Station

Press ***MENU***. Navigate to *<FM Menu...>* ***ENTER*** *<Advanced Radio Settings....>* ***ENTER*** *<News station...>* ***ENTER*** *<News from Radio Settings....>* ***ENTER*** *<News station...>* ***ENTER***

Traffic Information (TP)

Press ***TP*** repeatedly to set TP ON and OFF.

When ON 'TP' is shown on the display. If the set station does not broadcast traffic information, 'TP)))' shows on the display.

Press ***BACK*** to exit the current traffic broadcast. TP stays ON and waits for the next traffic broadcast.

TP From a Station or All Stations

Press ***MENU***. Navigate to *<FM Menu...>* ***ENTER*** *<Advanced radio settings...>* ***ENTER*** *<TP...>* ***ENTER*** *<TP station...>* ***ENTER*** *<TP from current station>* or *<TP from all stations>* ***ENTER***.

TP Search

This function allows you to listen to traffic information when travelling between different areas and countries without selecting a station.

Press ***MENU***. Navigate to *<FM Menu...>* ***ENTER*** *<Advanced radio settings...>* ***ENTER*** *<TP...>* ***ENTER*** *<TP search>* ***ENTER***.

Radio Text

Some RDS stations broadcast information, such as about programme content and artists.

Press ***MENU***. Navigate to *<FM Menu...>* ***ENTER*** *<Radio text>* ***ENTER***.

Programme Type

Use the Programme Type (PTY) function to select between the various programme types.

Press ***MENU***. Navigate to *<FM Menu...>* ***ENTER*** *<PTY...>* ***ENTER*** *<Show PTY>* ***ENTER***.

When ON the station's programme type will be shown on the display, e.g. Current affairs, Information, Drama, Rock music, etc.

Not all radio stations have a PTY designation.

Searching for a Specific PTY

Press ***MENU***. Navigate to *<FM Menu...>* ***ENTER*** *<PTY...>* ***ENTER*** *<PTY...>*. Press ENTER for one or more of the listed programme types.

The PTY symbol on the display comes ON when the first selection is made and the radio is set to stand-by for PTY.

Press ***BACK*** to go back.

Navigate to *<FM Menu...>* ***ENTER*** *<PTY...>* ***ENTER*** *<Search PTY>* ***ENTER***.

If the radio finds a station with the selected programme type, this is played.

If a station with the selected programme type can not be found, the display shows 'No Station Found' and the radio returns to the previous frequency.

PTY is then on stand-by until the selected programme type is broadcast. When this happens, the radio automatically selects the station broadcasting the programme type.

Clear All PTY

Press ***MENU***. Navigate to *<FM Menu...>* ***ENTER*** *<PTY...>* ***ENTER*** *<Clear all PTY...>* ***ENTER***.

The PTY symbol is removed from the display and the radio returns to normal mode.

Enhanced Other Networks

With Enhanced Other Networks (EON) ON, traffic announcements and news broadcasts interrupt radio programmes. The function has three levels:

Local: Only interrupts if the signal is strong.

Distant: Interrupts even if the signal is weak.

Off: Does not interrupt even if the signal is weak.

EON - ON or OFF

Press ***MENU***. Navigate to *<FM Menu...>* ***ENTER*** *<Advanced radio settings...>* ***ENTER*** *<EON...>* ***ENTER***. Select *<Local>*, *<Distant>* or *<Off>* ***ENTER***.

When ON 'EON' is shown on the display.

Automatic Frequency Updating

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

Press ***MENU***. Navigate to *<FM Menu...>* ***ENTER*** *<Advanced radio settings...>* ***ENTER*** *<AF>* ***ENTER***.

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

Regional

The regional function is normally OFF. When the function is ON you can continue to listen to a regional broadcasts even if the signal is weak.

Press ***MENU***. Navigate to *<FM Menu...>* ***ENTER*** *<Advanced radio settings...>* ***ENTER*** *<Regional>* ***ENTER***.

When ON 'Reg' is shown on the display.

CD Player Functions

Loading CDs

Use only 12 cm CDs. Do not use CDs with adhesive disc labels. The heat from the CD player can cause the label to come loose from the disc. The CD player could be damaged.

Do not use CDs that are warped or look warped (critical measurement for CD warp is 0.7 mm - anything more than this may cause problems). The CD player will not be able to hold the CD correctly (because of the warp), this may cause a jam in the CD player.

If the quality of the CD does not comply with the requirements of standard EN60908 or if it has been recorded using poor equipment, sound quality may be poor or playback interrupted.

The CD changer can hold up to six discs.

Press the ***MODE*** button repeatedly to select CD. Select an empty position using the ***KEYPAD*** (buttons 1 to 6) or use the ***JOYSTICK*** (up or down). The display shows which positions are empty. Make sure that **Insert disc** is shown then insert a new disc.

The current CD that is playing is shown in colour and is positioned above the other CDs. CD slots that contain a CD are shown in light grey. Empty CD slots are shown in dark grey. All CD and track information that is available is shown. This can include CD title, artist, track name and number.

Selecting a CD

Select the CD to play using ***KEYPAD*** buttons 1-6 or the ***JOYSTICK*** (up or down). The number of the disc and track are shown on the display.

Changing Tracks

Push the ***JOYSTICK*** (left or right), the ***SCROLL*** button, or turn the ***TUNING*** dial to play the next or previous track. The track number is shown on the display.

Fast Forward and Rewind

Push and hold the ***JOYSTICK*** left or right to search forwards or backwards within a track or the whole disc. Searching continues for as long as the button is depressed.

Random Play

Plays tracks from a CD or CDs in random order.

Press ***MENU***. Navigate to *<CD Menu...>* ***ENTER*** *<Random...>* ***ENTER***. Select *<Off>, <Single disc>* or *<All discs>* ENTER for the player to randomly choose from none, one or all CDs.

RND or **RND ALL** is shown on the display while the function is ON. Push the ***JOYSTICK*** (left or right) or ***SCROLL*** button to select the next or previous random track.

Press ***BACK*** to cancel random play.

Scan

Press ***SCAN*** to play the first ten seconds of each track. While a scan is in progress push ***SCAN*** again or ***BACK*** to play a track.

Pause Mode

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

Disc Text - ON or OFF

Some CDs have title information. The information is shown as text on the display.

Press ***MENU.*** Navigate to *<CD Menu...>* ***ENTER*** *<Disc text>* ***ENTER***

Ejecting One CD

Press ***EJECT***.

For traffic safety reasons, the CD stays out for 12 seconds. The player will then draw back in the disc and set to pause mode. Press CD to start the player.

Ejecting all CDs

Press and hold ***EJECT*** (for longer than two seconds). The entire magazine is emptied, CD by CD. **Eject all** is shown on the display.

This function can only be used when the vehicle is stationary and is interrupted if the vehicle starts to move. For traffic safety reasons, the ejected CD stays out for 12 seconds. It must then be removed, or the function is cancelled.

iPod and USB Functions

iPod and USB Connection

The two USB ports in the rear armrest are charging ports only and are not compatible with USB memory devices.

On initial connection and on every engine start the system will synchronise 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 iPod. Non-genuine cables can provide limited functionality.

Locate the iPod cable or the USB socket in the armrest cubby box and connect the:

There are two USB sockets located in the front cubby box. Locate the required socket and connect:



- an iPod player via an iPod cable
- a USB device to the USB port.

If not already ON, set the audio system to ON. Repeatedly press the ***MODE*** button until either **iPod** or **USB** shows on the display.

The iPod or USB device can now be operated by the audio system.

The iPod or USB is shown and accessed in the 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.

Changing Tracks

Press the ***JOYSTICK*** (left or right), or the ***SCROLL*** button, or turn the ***TUNING*** dial to play the next or previous track.

Scan

Press ***SCAN*** to play the first ten seconds of each track. While a scan is in progress press ***SCAN*** again or ***BACK*** to play the required track.

Random

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

Press ***MENU***. Navigate to *<iPod Menu...>* or *<USB Menu...>* ***ENTER*** *<Random...>* ***ENTER***. Select *<Off>*, *<Folder>* or *<All>* ***ENTER*** for the player to randomly choose from none, one or all music folders.

RND or **RND ALL** is shown in the display while the function is ON.

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

RDS Radio Stations

News broadcasts (NEWS) and traffic information (TP) are also available when in USB or iPod mode. Refer to iPod and USB menus.

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.



Locate the auxiliary socket 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 ***MODE*** button until AUX shows 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.

Press ***MENU***. Navigate to *<AUX menu...>* ***ENTER*** *<AUX input volume...>* ***ENTER***. Turn the ***TUNING*** dial to set the volume level.

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

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

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 'Pairing Phones', page 9.5). This is the same procedure for pairing a MP3 device.

Selecting the Mobile Phone or MP3 Device

Select **BT** using the ***MODE*** button.

If the mobile phone or MP3 device is connected successfully, audio will start to play through the vehicle speakers straight away. This may be the first track in the main play list, or the last track played (mobile phone/device dependent).

The artist, track name and time are then shown in the display. If the connected mobile phone or MP3 device doesn't support this feature, then **Streaming** is shown in the display with a timer clock.

Changing Tracks

Push the ***JOYSTICK*** (left or right) or turn the ***TUNING*** dial to play the next or previous track. One slow small turn on the ***TUNING*** dial moves forward or backwards one track. A fast turn of the ***TUNING*** dial moves forwards or backwards several tracks.

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

Rear Seat Entertainment

Introduction 8.2
iPad Cradle 8.3
Connecting To The Media Hub 8.6
Using The eHub Application 8.7
DVD Player Mode 8.8
SD Card Reader 8.10
Media Player Mode 8.12

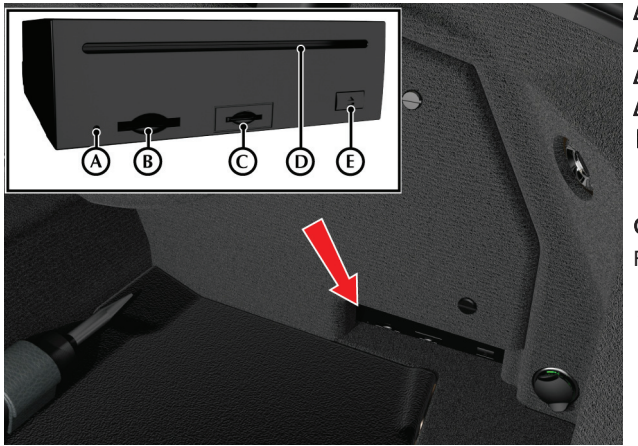
The rear entertainment system consists of two iPad 'Mini's[1] (referred to as iPad throughout this chapter) connected through a wireless network to a media hub found in the boot. Each rear seat passenger can watch or listen to separate media on each iPad.

The media hub is able to play media from an integral DVD player or SD memory cards[2]

The media hub can take up to 40 seconds to power-up from, when the key is inserted into the ignition (key must be in at least position "I"). Once the media hub is powered-up, the eject button will be illuminated either red or green, depending if a disc is already loaded into the DVD slot.

Do not attempt to insert a disc into the DVD slot if the eject button is not illuminated. If you use force to push a disc into the DVD slot, you can damage both the disc and the media player unit.

Media Hub



[A] : Wi-Fi Reset

[B] : SD Card Slot

[C] : SIM Card Slot

[D] : DVD Slot (Refer to 'DVD Player Mode', page 8.8)

[E] : DVD Eject Switch

If a disc is loaded in the media hub, both the disc slot and the eject button will be illuminated green. If there is no disc loaded they will be illuminated red.

Compatible Formats

For compatible formats the media hub can play:

- (Refer to 'DVD Player Mode', page 8.8)
- (Refer to 'SD Card Reader', page 8.10)

1. iPad Mini is a trademark of Apple Inc.
2. SD, SDHC and SDXC are trademarks or registered trademarks of SD-3C

Menu Items

Menu items in this chapter are shown in the following format:

[Menu item as shown in the display]

For example,*[Settings]* > *[Security]* > *[Current Password]*

Subscriber Identity Module (SIM) Card

To access the internet and other online content and features a 4G SIM card[1] is recommended. To insert the SIM card, insert it into the SIM card slot (C) with the contacts facing down.

Make sure the SIM card is installed the correct way around. An incorrectly inserted SIM card can become jammed and either damage the SIM card reader or the SIM card itself.

Do not insert memory cards or other foreign objects into the SIM card slot. Items other than SIM cards can become jammed and damage the SIM card reader.

Make sure the key is removed from the vehicle ignition before inserting or removing a SIM card.

Keep the SIM card away from sources of static electricity and electrical noise. Do not touch the electrical contacts with fingers or metal objects. If dirty wipe with a soft clean cloth.

Do not use or store SIM cards in places direct sunlight or in areas of high temperature, excessively dusty places or humid/ corrosive environments. Avoid moisture

1. SIM card available separately.

iPad Cradle

The rear seat entertainment features an iPad cradle on the back of each front seat that holds and charges each iPad device. The cradle also has an adjustable hinge to provide a number of viewing angles to suit the viewer.

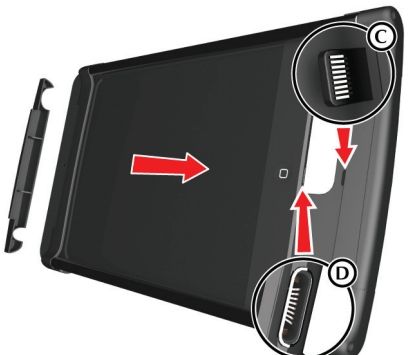
Installing the iPad Device Into The Cradle

To install the iPad, carefully release the cradle end cover from the cradle (A), and remove the cradle end cover (B).





With the cover off, slide the iPad into the cradle so that the iPad lightning™ (C) connector correctly engages with the iPad charger socket (D).



Attach the cradle end cover (B).



Using the iPad Cradle

Attaching the iPad cradle

To attach the iPad cradle to the seat, insert the docking connector (A) into the seat docking bracket (B). Push the iPad cradle in until it locks into place in the docking bracket.



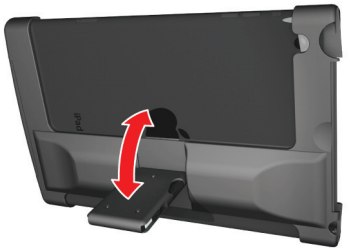
The cradle will only charge the iPad when installed as shown. The cradle can be attached up-side down to provide more viewing angle adjustment but the cradle will be unable to charge the iPad.

Removing the iPad cradle

To remove the iPad cradle form the docking bracket, press and hold the two buttons (C) in on either side of the docking connector together and pull the cradle away from the docking bracket.



With the cradle removed from the docking bracket, the docking connector can be folded flat for storage, or folded out so the cradle to be used as a stand.



Charging the iPad

The iPad cradle contains an integral Lightning™ connector that can charge the iPad with the cradle attached to the seat. The cradle is able to provide charge when either:

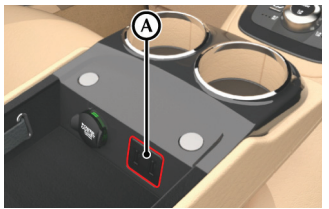
- the vehicle is unlocked using the Emotion Control Unit (ECU)(Refer to 'Vehicle Key Security Functions', page 2.5)
- the vehicle door is opened.

The cradle will stop charging either:

- 60 Seconds after the vehicle is locked using the ECU.
- 6 Minutes after the ECU is removed from the ignition module.

Connecting To The Media Hub

The iPad can also be charged outside of the cradle using a suitable USB charge cable (available separately) using the USB charge sockets found in the rear armrest (A).



[1] : Make sure both iPad devices are charged.

[2] : On the iPad: Double click 'Home' and up-swipe the eHub application.

[3] : Insert the vehicle key to position 'I' to turn on the media hub. The disc slot and eject button on the media hub will be now be illuminated.

[4] : On the iPad: Go to Settings, then Wi-Fi and select eHub[1]

[5] : The default password to connect to the eHub is '**Entertainment**'. To change the password navigate to Settings in the eHub application, [WLAN], '[WPA/AES KEY']. The new password must be between 0 and 63 characters.

The iPad is now connected to the media hub.

Wi-Fi Reset

Use a small pin to press the Wi-Fi reset. This will:

- Reset the WLAN password (Default password is **Entertainment**).
- Reset WILAN to 2.4 GHz
- Reset settings access password

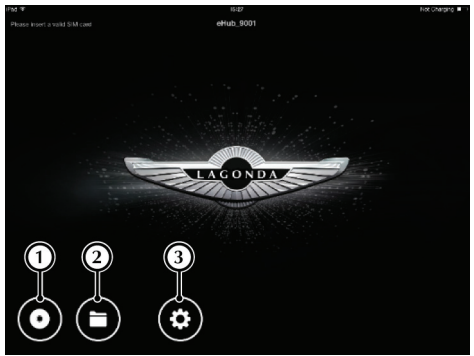
1. Please consult the iPad owner's manual on how to connect to a network

Launching The Application

Before launching the application, first make sure the iPad is connected to the media hub (Refer to 'Connecting To The Media Hub', page 8.6). To launch the application, press the eHub icon on the iPad.

The Application Menu

When the application is launched, the following screen and options are shown[1] .



[1] DVD: Launches the DVD player mode (Refer to 'DVD Player Mode', page 8.8).

[2] MEMORY CARD: Launches the Media Player mode to play media stored on memory cards (Refer to 'Media Player Mode', page 8.12).

[3] SETTINGS: Opens the settings menu for the eHub application.

1. Icons will only show if the relevant media is connected to the media hub.

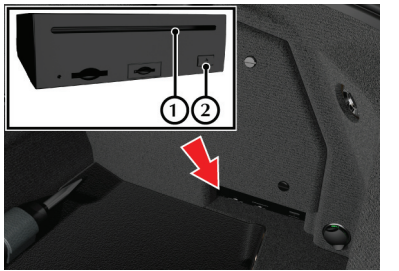
Application Settings

A number of application settings can be altered in the Settings menu. Editing the setting can also be restricted by applying a password by navigating to *[Settings]* > *[Security]*.

- WLAN
  - SSID
  - WPA/AES Key
  - WLAN Frequency
  - Channel Settings 2.4 GHz
  - Channel Settings 5 GHz
- Cellular
  - Autoconnect
  - Roaming
  - APN
  - User
  - Password
- TV
  - Region
  - NAGRA ID
- Security
  - Current Password
  - New Password
  - Repeat Password
- System Information
  - Serial Number
  - Software Version
  - ROOTFS Version
  - HCCFS Version
  - UBOOT Version
  - Hardware Index
  - DVD Region Code
  - IMEI
- Legal Information
  - Legal Information

DVD Player Mode

Inserting And Ejecting A Disc



Insert a DVD into the disc slot (1) in the media hub with the label side facing up.

To eject the disc press the disc eject button (2)

The disc can also be ejected by pressing the eject button on iPad screen.

The media hub will play 12 cm video DVDs. CD audio and data CD/DVDs are not supported

- Do not place and device or object that emits a magnetic field near the player.
- Do not put any object other than the recommended discs into the player for any reason.
- Make sure the discs are clean and dust free before inserting into the player

Playing a DVD

Once the DVD player mode is started, the DVD will start automatically and navigate to it's menu home screen where you will have a number of available options.[1]

DVD Menu Controls



1. Option dependant on DVD content

[1] PLAYBACK SLIDER: Show the progress through a video file or chapter. Drag the icon to select a point in the video to play.

[2] BACK: Lightly press to go back to the start of a video file or chapter. Press and hold to rewind the video file.

[3] STOP: Press to stop the video and return to the menu.

[4] PAUSE/PLAY: Press to start or pause the video file.

[5] FORWARD: Lightly press to skip to the end of a video file or chapter. Press and hold to fast-forward the video file.

[6] HOME: Press to return to the DVD home screen.

[7] LIST: Press to show a list of chapters or tracks.

[8] LANGUAGE: Press to change audio to alternative languages. (Dual Audio or Multi-Audio videos only)

[9] SUBTITLES: Press to turn subtitles on or off. Hold down to open subtitles menu

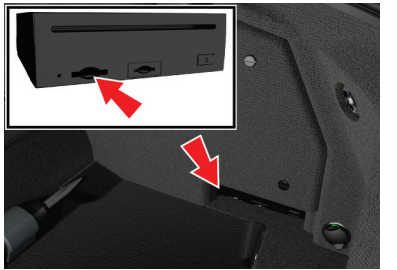
[10] FULL SCREEN: Press to change between full screen or windowed view

[11] EJECT: Press to eject the disc from the media hub. The disc will eject from the media hub ready to be removed from the disc slot. if the disc is not removed it will automatically retract back into the media hub.

[12] DONE: Press to exit DVD player mode and return to the home screen for the media hub app.

SD Card Reader

Inserting And Ejecting A SD Card



Insert a SD card into the SD card slot in the front of the media hub with the contacts facing down. To eject the SD card:

[1] : Make sure that no files are being transferred

[2] : Push the SD card into the media hub and release. The media hub will now eject the SD card.

[3] : Hold the SD card and pull it out of the slot in the media hub.

SD Memory Cards

The media hub will read standard SD size memory cards in SD, SDHC and SDXC format[1] .

MicroSD cards can be used if combined with the correct adapter to convert it to a full size SD card.

Warning: SD cards are small and can be harmful if swallowed. Keep out of reach of small children.

The SD card reader is only to be used with standard size SD memory cards. Do not insert incorrect size SD cards or foreign objects into the SD card slot as they could become jammed and damage the SD card reader.

SD Cards contain small and delicate electrical components. When not in use, store the SD card in its protective case to protect it from damage and static electricity.

Keep the SD card away from sources of static electricity or sources of electrical noise. Do not touch the electrical contacts with fingers or metal objects.

Do not use or store SD cards in places direct sunlight or in areas of high temperature, excessively dusty places or humid/ corrosive environments. Avoid moisture

Compatible Media Formats

The following formats can be played from the media hub:

- **Audio**
  - .mp3
  - .m4a
  - .aac
  - .wav
  - .flac
- **Video**
  - .mp4
  - .m4v
  - .mov
  - .3gp
  - .mkv

1. SD, SDHC and SDXC are trademarks or registered trademarks of SD-3C, LLC in the United States, other countries or both. Also, miniSD, microSD, miniSDHC, microSDHC, microSDXC, smartSD, smartSDHC, SDIO and miniSDIO are all trademarks or registered trademarks of SD-3C, LLC in the United States, other countries or both.

Media Player Menu Controls



[1] PROGRESS BAR: Show the progress through a media file. Drag the icon to select a point to play.

[2] DIRECTORY: Shows available media and play order.

[3] BACK: Lightly press to go back to the start of the media file. Press and hold to rewind.

[4] STOP: Press to stop the media file and return to the menu.

[5] PAUSE/PLAY: Press to start or pause the media file.

[6] FORWARD: Lightly press to skip to the end of a media file. Press and hold to fast-forward.

[7] LIST: Press to show a list of available media files.

[8] FULL SCREEN: Press to switch between full screen or windowed view.

[9] SYNCHRONISE PLAYBACK: Allows user to synchronise playback with a second iPad.

[10] SHUFFLE: Press to shuffle the play order of the media files in the directory.

[11] REPEAT: Press to repeat media file.

[12] BROWSE: Search all media files in the directory.

[13] AUDIO FILES: Show only audio files in the directory.

[14] VIDEO FILES: Show only video files in the directory.

[15] DONE: Press to exit DVD player mode and return to the home screen for the media hub application .

Multiple devices

More than one iPad device can select media and play from the SD memory card independent of the other iPad devices in the vehicle. If the same media is selected each iPad can control it individually.

Hands-Free Phone

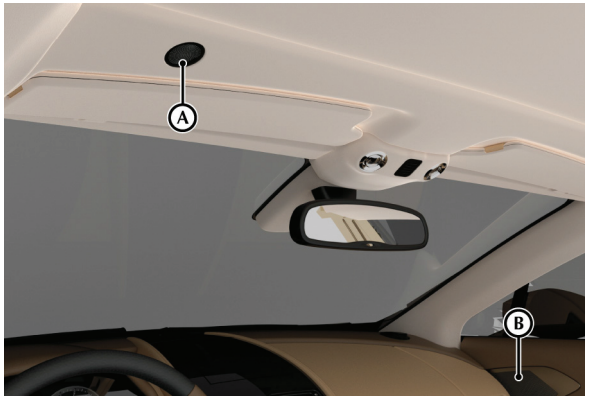
Introduction 9.2
Hands-Free Functions 9.3
Connecting a Phone 9.5
Disconnecting a Phone 9.5
Pairing Phones 9.5
Using a Phone 9.7
Phone Book 9.8
Voice Mailbox 9.9
Last Ten Numbers 9.10



Introduction

A mobile phone device equipped with Bluetooth®[1] technology can be connected wirelessly to the vehicle's hands-free phone system. The vehicle's hands-free phone system then lets you have remote control of a range of the mobile phone's functions. The mobile phone can always be operated by its own keys regardless of whether or not it is connected.

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



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

The hands-free phone system will not recognise a mobile phone, even if it was previously 'paired' (Refer to 'Pairing Phones', page 9.5), 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.

The hands-free phone system does not support SMS (text messages).

1. 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.

Hands-Free Functions



[1] VOLUME: Volume control.

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

[3] TUNING: Navigate through phone book and menus.

[4] MENU: Opens the main menu.

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

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

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

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

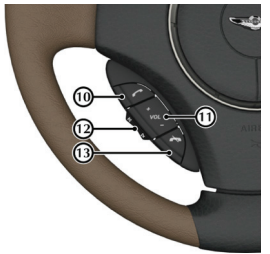
[9] KEYPAD: Search through the phone book, speed dial or navigate in the menu.

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

[11] VOLUME: Volume control during a call.

[12] SCROLL: Navigate in the menus.

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



Hands-Free Phone ON

When the hands-free system is ON, the Bluetooth® wireless technology symbol will show in the display. During a call this symbol will change to .

When a mobile phone is paired to the hands-free system, the will show in the display. If, after 30 seconds, the hands-free phone has not been used, the infotainment system will default to audio functions. Return to hands-free phone functions by pressing ***PHONE*** or ***CALL***.

Menus

The hands-free menu is available when the hands-free phone system is ON and selected. If the hands-free system is not ON or selected then press ***PHONE***. Press ***MENU*** to access the main menu. A long press on the ***PHONE*** button disconnects the hands-free system.

Search Path

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

<menu item shown in the display> ***BUTTON TO PRESS***

For example, <Phone menu...> ***ENTER*** *<Phone settings...>* ***ENTER*** *<Sounds and volume...>*

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

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

Call Menu

Press ***MENU***, ***ENTER*** or ***CALL*** during an ongoing call to access the following functions:

Mute Microphone: The hands-free system microphone is muted.

Transfer Call to Mobile or Transfer Call to Vehicle: The call can be transferred to or from the mobile phone or the vehicle phone.

Phone Book: Access the phone book during a call.

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

The audio source will be automatically muted for incoming calls:

Press ***MENU*** and navigate to *<Phone menu...>* ***ENTER*** *<Phone settings...>* ***ENTER*** *<Sounds and volume...>* ***ENTER*** *<Mute>*

Audio System Control

Not available during a call.

When the audio system is in operation while hands-free mode is ON, press ***CALL*** to return to hands-free mode.

Ring Volume

Press ***MENU*** and navigate to *<Phone menu...>* ***ENTER*** *<Phone settings...>****ENTER*** *<Sounds and volume...>* ***ENTER****<Ring volume>* ***ENTER***.

Adjust using the **TUNING** dial.

Connecting a Phone

A connection between the vehicle hands-free system and a mobile phone is called a 'Paired Link'. When a paired link is set up the hands-free system remembers the mobile phone's ID.

Once the hands-free system and the mobile phone are paired, the hands-free system automatically connects every time the ignition is set to ON if the hands-free system (Press ***PHONE***) and the mobile phone are ON. Bluetooth® wireless technology must also be activate on the mobile phone.

A mobile phone can be paired either using the vehicle hands-free system or by using the mobile phone.

The vehicle's hands-free system supports paired links with up to 5 mobile phones.

The process of initiating a hands-free connection with a mobile phone varies per phone manufacturer. For more information refer to the user's guide for your mobile phone.

Disconnecting a Phone

The mobile phone will **automatically** disconnect when moved out of the hands-free system's range or the Bluetooth® wireless technology is made unavailable on the mobile phone. The mobile phone will **manually** disconnect when the hands-free system is set to OFF. Press and hold ***PHONE*** until ᛒ is removed from the display. The function is also stopped when the ignition is set to OFF.

If the mobile phone has been disconnected from the hands-free system during an ongoing call, the call will transfer to the mobile phone.

Some mobile phones require that the transfer is confirmed from the phone's keypad.

Pairing Phones

Initial Pairing

Use this procedure when pairing the first mobile phone to the hands-free system. If the hands-free system is not ON or in use, press ***PHONE***.

The display will show *NO PAIRED PHONES. PRESS ENTER AND SELECT ADD A PHONE*. Press ***BACK*** to cancel. Press ***ENTER***.

The hands-free system will ask if Bluetooth® wireless technology is in discoverable mode (refer to the mobile phone manufacturer's instructions). If yes, press ***ENTER***. After a short period of time, a list of phones which are in range will be shown.

If the ᛒ symbol is shown in the display when the ignition is ON, initial pairing can be completed using the mobile phone.

Press the ***JOYSTICK*** (up or down), ***SCROLL*** button or turn the ***TUNING*** dial to navigate to the required mobile phone and press ***ENTER***. The display will then ask for a passkey to be entered into the mobile phone. The mobile phone will prompt for the passkey. Enter the passkey into the mobile phone.

The display will show *PHONE CONNECTING...* then, if successful, *SYNCHRONISING...*

Once synchronising has completed the mobile phone is ready for use.

If the passkey is not entered after 20 seconds the screen will time-out.

Synchronising automatically places all the mobile phone contacts onto the vehicle system.

Pairing Additional Phones

Pairing Using the Hands-Free System

Disconnect any in use phones before pairing additional phones. If a phone is connected to the hands-free system pairing a new phone will not be possible until the hands-free system has no Bluetooth® wireless technology connections in use.

*If, after 30 seconds, the hands-free phone has not been used, the infotainment system will default to audio functions. Return to hands-free phone functions by pressing **PHONE** or **CALL**.*

The hands-free system automatically searches for the last used phone. If the last used phone is not found then a list of paired phones is available along with *<Add phone>*. Select *<Add phone>* to pair a new phone to the system.

If the last used phone is found press ***MENU*** and navigate to *<Phone Menu...>* ***ENTER*** *<Bluetooth...>* ***ENTER*** *<Change phone...>* ***ENTER*** *<Add Phone...>*.

Press ***ENTER***. The hands-free system will asked if Bluetooth® wireless technology is in discoverable mode (refer to the mobile phone manufacturer's instructions). If yes, press ***ENTER***. After a short while a list of phones which are in range and in discoverable mode will show.

Press the ***JOYSTICK*** (up or down), ***SCROLL*** button or turn the ***TUNING*** dial to navigate to the required mobile phone and press ***ENTER***.

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

The display will show *PHONE CONNECTING...* then, if successful, *SYNCHRONISING*. Once synchronising has completed the mobile phone is ready for use.

If the passkey is not entered after 20 seconds the screen will time-out.

Synchronising automatically places all the mobile phone contacts onto the hands-free system.

Pairing Using the Mobile Phone

Disconnect any in use phones before pairing additional phones. If a phone is connected to the hands-free system pairing a new phone will not be possible until the hands-free system has no Bluetooth® wireless technology connections in use.

Check that the hands-free system is ON (symbol will show in the display).

Press ***MENU*** and move to *<Phone menu...>* ***ENTER*** *<Bluetooth...>* ***ENTER*** *<Connect from Mobile Phone>* ***ENTER***. The display will then show a passkey, enter the passkey into the mobile phone.

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 *Lagonda* from the device list. The phone will prompt for a passkey.

If Lagonda does not show then check that the hands-free system is selected and search again.

The display will show *PHONE CONNECTING...* then, if successful, *SYNCHRONISING*. Once synchronising has completed the mobile phone is ready for use.

If the passkey is not entered after 20 seconds the screen will time-out.

Synchronising automatically places all the mobile phone contacts onto the vehicle system.

Removing a Paired Phone

Using the Hands-Free System

Press ***MENU***. Navigate to *<Phone menu...>* ***ENTER*** *<Bluetooth...>* ***ENTER*** *<Remove Phone>* ***ENTER***.

A list of paired phones will show. Navigate to the required phone and press ***ENTER*** to erase or ***BACK*** to cancel.

Selecting a Phone

With the hands-free system already selected, press ***MENU*** and navigate to *<Phone Menu...>* ***ENTER*** *<Bluetooth...>* ***ENTER*** *<Change Phone>* ***ENTER***. A list of paired phones will show (along with *<Add phone>*). Navigate to the required phone and press ***ENTER*** to change or ***BACK*** to cancel.

Or, if the hands-free system is not ON:

Press ***PHONE***. The system will then scan for the last used mobile phone. If found and it is the mobile required then press ***ENTER***. If the last phone is not found then the display will show a list of paired phones within range (with Bluetooth® wireless technology ON). Navigate to a phone and press ***ENTER*** to select that phone.

Making a Call

Check that the hands-free system is paired (symbol shows in the display).

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

- Press the ***JOYSTICK*** (up or down), ***SCROLL*** button, or turn the ***TUNING*** dial to select a contact from the phone book. Press ***CALL*** or ***ENTER*** to call.

Or

- Dial the number using the keypad and press ***CALL*** or ***ENTER*** to call. Press ***BACK*** to erase a number. Press and hold ***BACK*** to erase the whole number.

Ending Calls

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

Receiving Calls

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

Incoming Calls

Whilst on a phone call, an incoming phone call can be accepted.

The incoming phone number is shown in the display.

To accept the call, press ***CALL***. This disconnects the current call and accepts the incoming call.

To reject the incoming call and remaining on the current call, press ***CANCEL*** or ***BACK***.

Reject a Call

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

Calling Using Voice Recognition

If the mobile phone supports voice dialling:

Press, hold and release ***CALL*** or ***ENTER***. The amount of time required to hold in ***CALL*** or ***ENTER*** is dependant on the mobile phone.

Once *Voice Tag Dialling* shows on the display, allow one to two seconds before saying a name. The vehicle system will call the contact.

Voice recognition functionality is mobile phone dependent.

Automatic Answer - ON or OFF

The automatic answer function means that calls are accepted automatically after four rings.

Press ***MENU*** and navigate to *<Phone menu...>* ***ENTER*** *<Phone settings...>* ***ENTER*** *<Call options...>* ***ENTER*** *<Automatic answer>* ***ENTER***. All calls are then automatically accepted.

Microphone Sensitivity

To improve the audio quality and reduce the sensitivity of background noise for the other caller:

Press ***MENU*** and navigate to *<Phone menu...>* ***ENTER*** *<Phone settings...>* ***ENTER*** *<Sounds and volume...>* ***ENTER*** *<Microphone sensitivity>* ***ENTER***.

Move the slider to increase or reduce the microphone sensitivity by pressing the ***JOYSTICK*** left or right.

Phone Book

The mobile phone's phone book is synchronised automatically to the vehicle system at each connection. 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.

If it is not required to synchronise a mobile phone book:

1. Press ***MENU***.
2. Navigate to *<Phone menu...>* ***ENTER*** *<Phone book...>* ***ENTER*** *<Synchronising phone book>*.
3. Press ***ENTER*** to clear the check box.

   The phone book will not be downloaded onto the vehicle's system, and any received or placed calls are not kept on the vehicle's system. All phone calls must be made by dialling the required number using the keypad.

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

If the mobile phone does not support synchronisation of the phone book then List is empty is shown after the mobile phone has been paired.

Although only one mobile phone can be paired to the vehicle at any one time, there can be five phone books stored on the vehicle's system. Each phone book is only accessible when using the correct mobile phone.

Contact Search

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

1. Press the ***JOYSTICK*** (up or down), ***SCROLL*** button, or turn the ***TUNING*** dial to bring up the contact list.
2. Navigate to the contact.
3. Press ***CALL*** or ***ENTER*** to call.

Or

1. Use the ***KEYPAD*** to search the phone book.
2. Press and hold a key (2 to 9) which relates to the first letter of the contact's name.
   This starts a search in the phone book based on the key's first letter.
3. Navigate to the contact.
4. Press ***CALL*** or ***ENTER*** to call.
5. Press ***PHONE***.
6. Press ***MENU*** and navigate to *<Phone menu...>* ***ENTER*** *<Phone book...>* ***ENTER*** *<Search>* ***ENTER***.
7. Using the ***KEYPAD***, enter the first few letters of the contact name and then press ***ENTER***.
8. Navigate to a contact.
9. Press ***CALL*** or ***ENTER*** to call.

Voice Mailbox

To enter a voice mailbox number:

1. Press ***MENU*** and navigate to *<Phone menu...>* ***ENTER*** *<Phone settings...>* ***ENTER*** *<Call options...>* ***ENTER*** *<Voice mail number>* ***ENTER*** *<Enter the number>* ***ENTER***.

Or

- Press and hold ***KEYPAD*** number 1 to go to *<Voice mail number>*.
- Enter the number and press ***ENTER***.
- Use the stored number by pressing 1 for several seconds.

To change the voice mail number:

- Navigate to the *<Voice mail number>*.
- Press and hold ***BACK*** to erase the whole number or press and release to erase individual numbers.
- Once the number has been erased then enter a new number.

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

Last Ten Numbers

Last Ten Dialled Numbers

1. Press ***MENU***.
2. Navigate to *<Phone menu...>* ***ENTER*** *<Last 10 dialled calls>* ***ENTER***.
3. Use the ***JOYSTICK*** (up or down) or turn the ***TUNING*** dial to navigate to the required number.
4. Press ***CALL*** or ***ENTER*** to call the selected number.

Or

1. Press the ***CALL*** button on the steering wheel controls to access the last ten numbers dialled list.
   This is then shown in the display.
2. Use the ***JOYSTICK*** (up or down) or turn the ***TUNING*** dial to navigate to the required number.
3. Press ***CALL*** or ***ENTER*** to call the selected number.

Last Ten Missed and Received Numbers

1. Press ***MENU***.
2. Navigate to *<Phone menu...>* ***ENTER*** *<Last 10 missed calls>* or *<Last 10 received calls>*.
3. Press ***ENTER***.
4. Use the ***JOYSTICK*** (up or down), ***SCROLL*** button on the steering wheel controls, or turn the ***TUNING*** dial to navigate to the required number.
5. Press ***CALL*** or ***ENTER*** to call the selected number.

Satellite Navigation

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Important Safety and Product Information

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

⚠ *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. Minimise 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.*

Map Data Information

Garmin uses a combination of governmental and private data sources. Virtually all data sources contain some inaccurate or incomplete data. In some countries, complete and accurate map information is either not available or is prohibitively expensive.



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



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

[3] NAV: Press to enable or disable satellite navigation controls.

Press to open the satellite navigation menu.

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

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

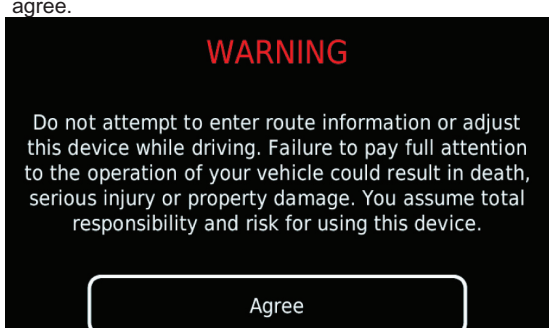
[6] MAP ZOOM: Press the rocker switch up or down to zoom the map in or out.



How to Set the Navigation System ON and OFF

The screen shots shown in this manual may not exactly match the screens on your navigation system. The images used are intended for reference only.

1. Set the vehicle key to ignition position I or II.
2. Press ***NAV*** (LED ON) on the centre stack. The Infotainment screen opens and the disclaimer is shown. Press ***ENTER*** to agree.



While the ***NAV*** button LED is ON the ***BACK***, ***ENTER*** and ***JOYSTICK*** functions only operate the navigation system. To use these functions for Audio or Hands-Free phone functions either:

- Press the ***NAV*** button again (button LED OFF).
- Press any audio button other than ***BACK***, ***ENTER*** and ***JOYSTICK***.

Press ***NAV*** (button LED ON) again to return to navigation controls.

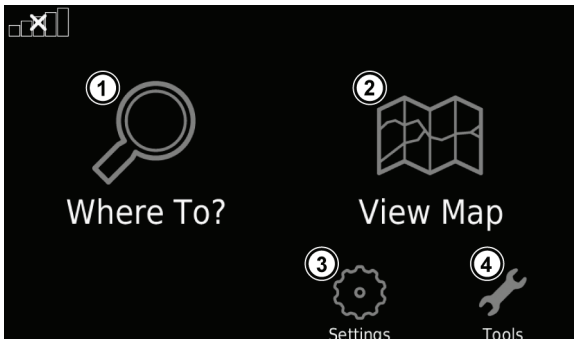
*Pressing the **AM/FM** or **MODE** buttons will move the current audio source.*

The navigation system can be accessed if the ignition is set to OFF. Always set the vehicle key to position 0 in the ignition control, and remove the vehicle key when the system is not in use to prevent the battery from discharging.

Navigation System OFF

At any time press and hold the ***NAV*** button until the system screen starts to close.

Menu Navigation



[1] : Find a destination (Refer to 'Find a Location', page 10.6)
[2] : View the map (Refer to 'Location Map', page 10.7).
[3] : System settings (Refer to '', page 10.16).
[4] : System tools (Refer to 'Tools', page 10.14)

On-Screen Buttons

Select and hold ◀ to quickly return to the navigation menu.

Select ▼ or ▲ to scroll the screen.

On-Screen Keyboard



[1] ◀ *or* ▶*:* Move the cursor.

[2] ⌫*:* Delete a character.

[3] ␣*:* Add a space.

[4] 123: Enter numbers and special characters, such as punctuation marks.

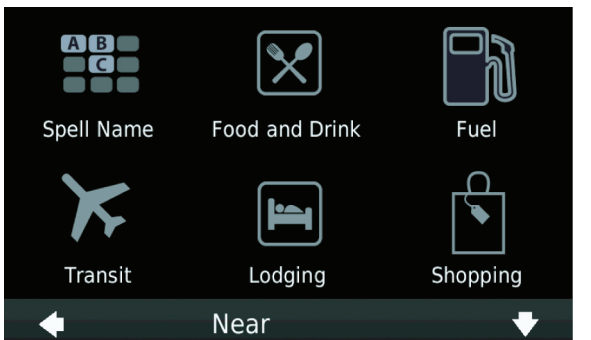
[5] MODE: Select the keyboard language.

Find a Location

The Where To? menu provides several different categories you can use to search for locations.

Points of Interest

The detailed maps loaded in the navigation system contain millions of points of interest, such as restaurants, hotels, and transportation.



Point of Interest by Category

From the navigation menu, select *<Where To?>**ENTER**<Points of Interest>*. Select a category.

If necessary, select a subcategory. Select an item.

Point of Interest by Spelling the Name

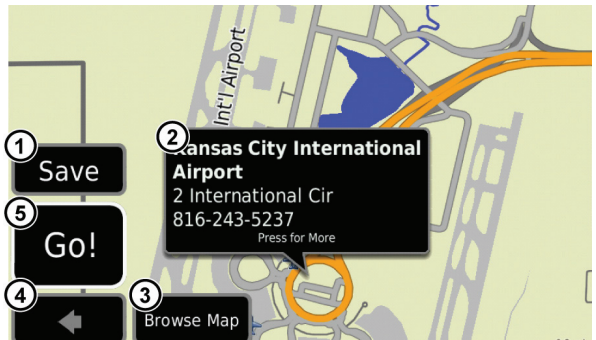
Narrow the search results by selecting a category prior to selecting Spell Name.

From the navigation menu, select *<Where To?>**ENTER**<Points of Interest>*.

Enter all or part of the name, and select *<Done>*.

Select an item.

Location Map



After a destination is selected, the location shows on the map.

[1] : Save this location to Favourites.

[2] : View more information for the location.

[3] : Explore the map.

[4] : Return to the previous screen.

[5] : Create a route to this location.

Map Zoom

To zoom in or out, select the up or down on the ***MAP ZOOM*** rocker switch mounted on the steering column.

Start a Route to a Location

Select a location. Select *<Go!>*.

Set a Home Location

Set your home location for the place you return to most often.

From the navigation menu, select *<Tools>**ENTER**< My Data>**ENTER**< Set Home Location>*.

Select *<Enter Your Address>*, *<Use Your Current Location>*, or *<Choose from Recently Found Locations>*.

Go Home

From the navigation menu, select *<Where To?>**ENTER**<Go Home>*.

Edit Home Location

From the navigation menu, select *<Where To?>**ENTER**<Favourites>**ENTER**<Home>*.

Select *<Press for More>**ENTER**<Edit>*. Select an option.

Find an Address

Depending on the version of the maps loaded in your navigation system, the button names and the order of steps could be different from the steps below.

From the navigation menu, select *<Where To?>***ENTER***<Address>*.

If necessary, change the state, country, or province.

To enter a city name or postal code, select *<Spell City>*, enter the name or code, and select *<Done>*.

To search all cities, select *<Search All>*.

Not all map data provides postal code searching.

Enter the address number, and select *<Done>*.

Enter the street name, and select *<Done>*.

If necessary, select the street and or the address (Refer to ’Location Map’, page 10.7).

Location by Browsing the Map

From the navigation menu, select *<Where To?>***ENTER***<Browse Map>*(Refer to ’Location Map’, page 10.7).

Review Recently Found Places

The navigation system stores the last 50 locations.

From the navigation menu, select *<Where To?>***ENTER***<Recently Found>*.

Clear the List of Recently Found Locations

From the navigation menu, select *<Where To?>***ENTER***<Recently Found>***ENTER***<Clear>***ENTER***<Yes>*.

All items in the list are removed, but this does not delete the actual location from your navigation system.

Find an Aston Martin Dealership

From the navigation menu, select *<Where To?>***ENTER***<Dealerships>*. Select a dealer.

Enter Coordinates

If you know the geographic coordinates of your destination, you can use the navigation system to navigate to your destination using the latitude and longitude coordinates.

From the navigation menu, select *<Where To?>***ENTER***<Coordinates>*.

Enter the coordinates, and select *<Done>*. Select *<Next>*.

Change the Map Coordinate Format

From the navigation menu, select *<Where To?>***ENTER***<Coordinates>***ENTER***<Format>*. Select a format.

Location Using a Phone Number

From the navigation menu, select *<Where To?>***ENTER***<Phone Numbers>*.

Enter a phone number, and select *<Done>*. If an exact match is found for the phone number, the location is shown.

Searching by phone numbers is not available in all regions and on all maps.

Location in a Different Area

From the navigation menu, select *<Where To?>***ENTER***<Near>*.

Select *<Where I Am Now>, <A Different City>, <A Recent Destination>, <A Favourite Destination>, <My Current Route>,* or *<My Destination>*. Select <OK>.

Find a Different City

The navigation system lists all cities within a 20 mile radius of your current location.

From the navigation menu, select *<Where To>***ENTER***<Cities>*.

Select an option:

- Select a city from the list of nearby cities that show
- Select *<Spell>* to enter the name of a city that does not appear on the list. Select an option.

The navigation system will navigate you to the centre of the selected city.

Favourites

You can save places in your Favourites so you can quickly find them and navigate to them. Your home location is also stored in Favourites.

Save Current Location

From the main menu, select *<Tools>***ENTER***<Where Am I?>*. Select *<Save Location>*.

Save Found Places

After searching for and finding a destination, you can save it as a Favourite. From the location map, select *<Save>***ENTER***<OK>*.

Find Favourites

From the navigation menu, select *<Where To?>***ENTER***<Favourites>*.

Edit Favourites

From the navigation menu, select *<Where To?>***ENTER***<Favourites>*.

Select the location.

Select *<Edit>*.

Select an item to edit:

<Change Name>: Enter a new name.

<Change Map Symbol>: Select a new symbol used to mark this location on the map.

<Change Phone Number>: Enter a different phone number.

<Change Categories>: Select another category for the location.

Delete Favourites

From the main menu, select *<Tools>***ENTER***<My Data>***ENTER***<Delete Favourite(s)>*.

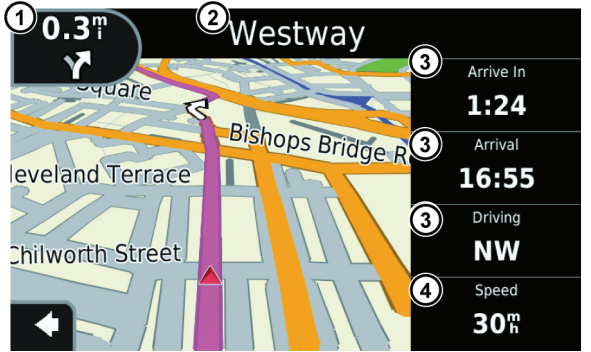
Select a Favourite. Select *<Delete>***ENTER***<Yes>*.

Map Features

The speed limit icon feature is for information only and does not replace the driver's responsibility to abide by all posted speed limit signs and to use safe driving judgment at all times.

Garmin will not be responsible for any traffic fines or citations that you may receive for failing to follow all applicable traffic laws and signs.

The route is marked with a magenta line. A checkered flag marks the destination. As you travel, the navigation system guides you to the destination with voice prompts, arrows on the map, and directions at the top of the map. If you depart from the original route, the system recalculates the route and provides new directions. A current speed icon may show as you travel on major roadways.



[1] : Show the next turn, or upcoming junction, when available (Refer to 'Viewing the Turn List', page 10.10).

[2] : Show the turn list.

[3] : Change the data display.

[4] : Show information about the trip.

Viewing Trip Information

The navigation system shows the current speed and provides statistics about your trip.

To view trip information from the map, select the *Speed* field. If you make frequent stops, leave the navigation system ON so it can accurately measure elapsed time during the trip.

Resetting Trip Information

From the trip information page, select *<Reset>*.

Select an option:

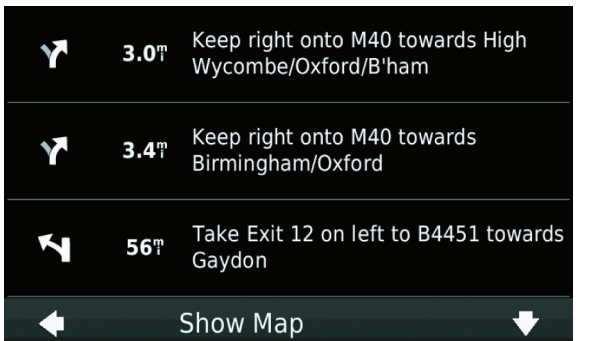
<Reset Trip Data>: Reset the trip information.

<Reset Max. Speed>: Reset the maximum speed.

Select *<OK>*.

Viewing the Turn List

When navigating a route, you can view all of the turns for the whole route and the distance between turns.



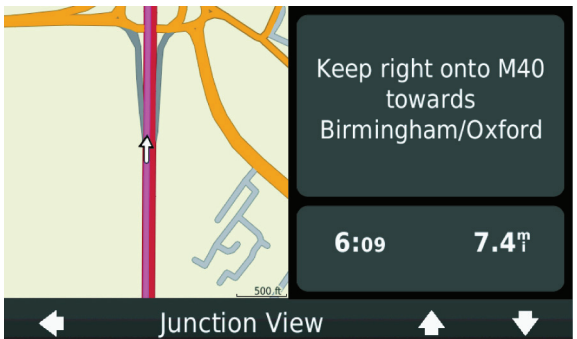
From the map, select the text bar on the top of the map.

Select an option:

- Select a turn on the list to view information about the turn.
- To view the entire route on the map, select *<Show Map>*.

Viewing the Next Turn

Before you can view the next turn in a route, you must be navigating a route.



From the map, select the next turn icon. The next turn screen is shown on the map, along with the distance and time left before you reach the turn.

Junction View

When available, the navigation system may show a view of the upcoming junction and in which lane you should be driving will show. This feature is not available for all junctions.



Before you can view the junction, you must be navigating a route.

From the map, select the next turn icon. You can also view junctions from the turn list.

Make Changes to the Current Route

Add stops, remove points, or change your destination while on route.

Add One Point to Current Route

From the navigation menu select *<Where To?>*. Search for and select the extra stop.

Select *<Go!>*. Select *<Add as a Via Point>* to add this stop before your destination.

Add or Remove Multiple Points to the Current Route

From the navigation menu, select *<Tools>**ENTER**<Routes>*.

Select *<Active Route>**ENTER**<Add or Remove Points>*.

Select the point or points to add or remove:

<+>: Add a point.

<->: Remove a point.

Select *<Yes>*.

Changing the Destination of a Route

While navigating a route, select to return to the navigation menu.

Select *<Where To?>*. Search for the location.

Select *<Go!>*. Select *<Start New Route>*.

Detour

When navigating a route, you can use detours to avoid obstacles ahead of you, such as construction zones.

While navigating a route, select to return to the navigation menu. Select *<Detour>*.

If the current route is the only reasonable option, the navigation system might not calculate a detour.

Stopping the Route

While navigating a route, select to return to the navigation menu. Select *<Stop>*.

Traffic

Garmin is not responsible for the accuracy or timeliness of the traffic information.

Your navigation system can receive FM Traffic Message Channel (TMC) traffic content, which provides information on nearby traffic incidents and construction. The subscription is automatically enabled and does not require an additional subscription purchase. Traffic information is not available in all areas.

Traffic Information

When you are within a traffic coverage area, your device will show traffic information. The navigation system must be in data range of an FM station transmitting traffic information.

Traffic Icon

When traffic information is being received, a traffic icon appears on the map. The traffic icon changes colour to show the severity of traffic conditions.

Colour	Severity	Meaning
Green	Low	Traffic is flowing freely
Yellow	Medium	Traffic is moving but there is a delay. There is moderate traffic congestion
Red	High	Traffic is not moving or moving very slowly. There is a severe delay

Traffic on Route

When calculating a route, the navigation system examines the current traffic and automatically optimises the route for the shortest time. If a severe traffic delay occurs on route while you are navigating, the device automatically recalculates the route.

You might still be routed through traffic if no better alternative routes exist.

Manually Avoiding Traffic on Your Route

From the map, select .

Select *<Traffic On Route>*. If necessary, use the arrows to view other traffic delays on your route. Select *<Avoid>*.

View the Traffic Map

The traffic map shows colour-coded traffic flow and delays on nearby roads.

From the map, select .

Select *<Traffic Map>* to view the traffic incidents on a map.

Search for Traffic Delays

From the map, select .

Select *<Traffic Search>* to view a list of roads with traffic delays.

Select an item in the list to view delays on the road. If there is more than one delay, use the arrows to view additional delays.

The Tools menu provides many features that are helpful when you are travelling.

View Current Location Information

Use the Where Am I? page to view information about your current location. This feature is helpful if you need to tell emergency personnel your location.



From the navigation menu, select *<Tools>**ENTER**<Where Am I?>*.

Find Nearby Services

From the navigation menu, select *<Tools>**ENTER**<Where Am I?>*.

Select *<Hospitals>, <Police Stations>, <Lodging>*, or *<Fuel>* to view the nearest locations in that category.

Use Help

From the navigation menu, select *<Tools>**ENTER**<Help to get information about using your navigation system>*.

Search Help Topics

From the navigation menu, select *<Tools>**ENTER**<Help>**ENTER**<Search>*.

Clear the Trip Log

From the navigation menu, select *<Tools>**ENTER**<My Data>*.

Select *<Clear Trip Log>*.

Routes

Up to 10 routes can be saved.

Create and Save a Route

From the navigation menu, select *<Tools>**ENTER**<Routes>**ENTER**<New>*.

Find a location (Refer to 'Find a Location', page 10.6)as your starting point, and select *<Select>*. Find a location for your ending point, and select *<Select>*.

If necessary, find and select additional locations to add them as stops along the route. The navigation system calculates and saves the route.

Navigate a Saved Route

From the navigation menu, select *<Tools>**ENTER**<Routes>*.

Select a saved route. Select *<Go!>*.

Refer to Location Map (Refer to 'Location Map', page 10.7)for more information.

Edit a Saved Route

From the navigation menu, select *<Tools>**ENTER**<Routes>*.

Select a saved route. Select *<Edit>*.

Select an item to edit:

<Change Name>: Enter a new name.

<Add or Remove Points>: Add or remove points from the route, change the order of points along the route, and automatically order the points.

<Manually Reorder Points>: Change the route order of the points.

<Optimally Reorder Points>: To edit the route using the map.

<Recalculate>: Recalculate the route.

<Delete>: Remove this route.

Changes are automatically saved when you exit any of the route edit pages.

Delete a Route

Select *<Tools>**ENTER**<Delete Selected Route(s)>*.

Select a route(s) to delete. Select *<Delete>*.

World Clock

From the navigation menu, select *<Tools>**ENTER**<World Clock>*.

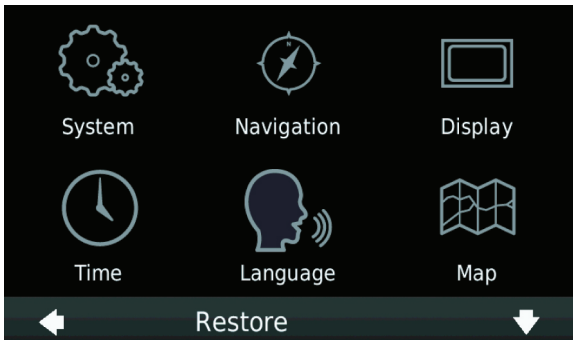
Select a city name. Enter a new city name. Select *<Done>*.

If necessary, select a city option.

Calculator

From the navigation menu, select *<Tools>**ENTER**<Calculator>*.

1. From the Navigation menu, select *<Settings>*.
2. Select the setting you want to change.



System Settings

From the Navigation menu, select *<Settings>***ENTER***<System>*.

GPS Simulator: Sets on the simulator to set the GPS mode to OFF and simulate navigation.

Units: Change the units of measure for distance.

Keyboard Layout: Selects QWERTY for a layout similar to a computer keyboard, or selects ABCDE for an alphabetical layout.

About: Shows the navigation system software version number, the unit ID number, and information on other software features.

Restore: Restores the system settings to factory default.

Navigation Settings

From the Navigation menu, select *<Settings>***ENTER***<Navigation>*.

Route Preference: Change the preference for calculating a route.

Avoidances: Change the road types to avoid.

Voice Prompts: Receive voice prompt directions.

Restore: Restores the original navigation settings.

Map Settings

From the Navigation menu, select *<Settings>***ENTER***<Map>*.

Map Detail: Adjust the amount of detail shown on the map. More detail can result in a slower map redraw rate in some areas or at wider zoom levels.

Map View: Change the map perspective.

- **Track Up:** Shows the map in two dimensions (2-D) with the direction of travel at the top.
- **North Up:** Shows the map in 2-D with north at the top.
- **3-D:** Shows the map in three dimensions (3-D) with the direction of travel at the top.

Vehicle: Change the icon used to show your position on the map

Trip Log: Show or hide the log of your travels.

Map Data Layout: Change the amount of data visible on the map.

Info: Shows the maps and the version of each map loaded on the navigation system. Select a map to enable (check mark) or disable (no check mark) that map.

Restore: Restore the original map settings.

Changing the Vehicle Icon

Select *<Settings>***ENTER***<Map>***ENTER***<Vehicle>***ENTER***<Change>*.

Select the icon you want to use, and select *<Done>*.

Clearing the Trip Log

From the Navigation menu, select *<Tools>***ENTER***<My Data>***ENTER***<Clear Trip Log>*.

Display Settings

From the Navigation menu, select *<Settings>***ENTER***<Display>*.

Colour Mode: Set a light background (Day), a dark background (Night), or automatically switches between the two based on the sunrise time and the sunset time for your current location (Auto).

Language Settings

From the Navigation menu, select *<Settings>***ENTER***<Language>*.

Voice: Set the language for voice prompts.

Text: Set all on-screen text to the selected language.

Keyboard: Set the language for the keyboard.

Restore: Restore the original language settings.

Proximity Points Alerts Settings

From the Navigation menu, select *<Settings>**ENTER**<Proximity Points>**ENTER**<Change>**ENTER**<Audio>*.

Proximity Alerts: Set the alerts ON or OFF when you approach safety cameras.

Restore: Restore the original proximity points settings.

Security Settings

From the Navigation menu, select *<Settings>**ENTER**<Security>*.

Safe Mode: Set Safe Mode ON or OFF.

Restore: Restore the original security settings.

Information

When the navigation system has acquired satellite signals, the signal strength bars on the navigation menu are white  . The more white bars, the stronger the GPS signal.

If the navigation system is not receiving GPS signals, the bars will show red  .

For more information about GPS, go to www.garmin.com/aboutGPS.

View Detailed GPS Signal Information

From the navigation menu, select *<Tools>**Enter**<Satellite Status>*.

Safety Cameras

Aston Martin and Garmin are not responsible for the accuracy of, or the consequences of using, a custom Points Of Interest (POI) or safety camera database.

Safety camera information is available in some areas. For these areas, the navigation system includes the locations of hundreds of safety cameras. Your navigation system alerts you when you are approaching a safety camera and can warn you if you are driving too fast.

Contact Information

Contact your Aston Martin Dealership if you have questions while using your navigation system (Refer to ’Find an Aston Martin Dealership’, page 10.8).

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Maintenance

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Introduction

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

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

If you think that this vehicle is not functioning correctly, please return it to an Aston Martin Dealer to be checked professionally.

Restraint Systems

Aston Martin recommend that the inflatable (airbags) restraint systems and seat belt components installed to this vehicle are replaced at 10 year intervals from the date of manufacture on the certification label.

Electronic Fuel Injection

⚠ *Warning: If the fuel system is allowed to run dry irreparable damage to the fuel pumps may occur.*

⚠ *Warning: Any modifications or additions to the fuel system not specifically designed by Aston Martin are prohibited. If carried out, they may cause damage to the fuel system which in some circumstances could result in fire. All Service Action Campaigns must be undertaken by an Aston Martin Dealer.*

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

Parts and Lubricants

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

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

Vehicle Jacking

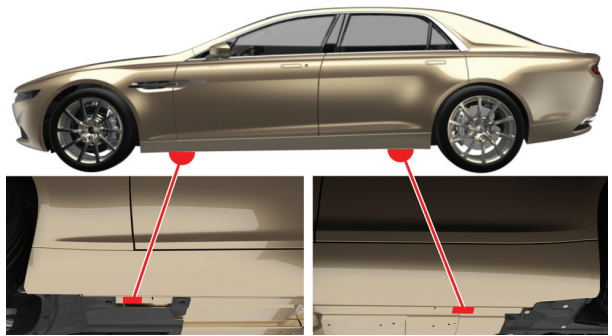
⚠ *Warning: Make sure that no persons are in the vehicle before jacking commences.*

⚠ *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 raised using a vehicle jack make sure that the following jacking points are used.



Servicing Precautions

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

⚠ *Warning: Protect yourself against dangerous substances (Refer to 'Dangerous Substances', page 11.4).*

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

⚠ *Warning: Avoid skin contact with all exhaust system and engine components, engine fluids and escaping steam. They may be hot and will burn you.*

⚠ *Warning: Do not breathe exhaust fumes. Exhaust fumes contain carbon monoxide. Carbon monoxide is a dangerous gas, which is colourless and odourless and can cause unconsciousness and may be fatal. Never start or leave the engine running in an enclosed, unventilated area.*

Dangerous Substances

⚠ *Warning: Do not work beneath the vehicle with a vehicle lifting jack as the only support. Place suitable stands under the vehicle.*

⚠ *Warning: Keep children and pets clear of the vehicle. Do not let anyone inside the vehicle unless specifically working to your instructions.*

⚠ *Warning: Whenever possible work in the engine compartment with the engine cool, the ignition OFF and the vehicle battery disconnected.*

⚠ *Warning: Petrol is highly flammable and, in confined spaces, is also explosive and toxic. In the event of spillage, set the engine to OFF, use no naked flame or light. Do not smoke. Do not inhale fumes.*

⚠ *Warning: Dangerous substances should be kept out of reach of children.*

⚠ *Warning: Many liquids and other substances used in motor vehicles are poisonous and should under no circumstances be consumed and should, so far as possible, be kept from contact with the skin. These substances include battery electrolyte, antifreeze, oil, brake and clutch fluid, petrol, windscreen washer additives, lubricants, refrigerant and various adhesives.*

⚠ *Warning: Particular care should be taken to avoid unnecessary contact with used engine oil. Always read carefully the instructions printed on labels or stamped on components and follow them carefully. Such instructions are included for reasons of your health and personal safety. Never disregard them.*

Engine Oils

⚠ *Warning: Prolonged and repeated contact with used engine oils can cause serious skin disorders, including dermatitis and cancer. Avoid excessive contact, wash thoroughly after contact. Keep out of reach of children. When your oil is changed, be sure that it is done by an experienced person. In addition, observe all laws regarding the disposal of waste oil and toxic fluids.*

Protect The Environment

⚠ *Warning: It is illegal to pollute drains, water courses, or soil. Use authorised waste disposal facilities, including civic amenity sites and garages providing facilities for receipt of used oil. If in doubt, contact your local authority for advice.*

Emergency Items

The following emergency items are located in the boot.

[1] : Tyre Sealant Kit (Refer to 'Tyre Sealant Kit', page 11.14).

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

[3] : Warning Triangle.

Always follow local regulations when placing a warning triangle.

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

Owner Maintenance

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

Before Use Check:

- Operation of lamps, horn, indicators, wipers, washers and warning symbols
- Check there is sufficient fuel for the intended journey, particularly at night and before entering motorways
- Operation of the seat belts
- Operation of the brakes
- Check for fluid deposits underneath the vehicle.

Weekly Checks (daily if covering high mileage or touring)

- Tyres
- Coolant level
- Brake fluid level
- Power steering level
- Operate air conditioning
- Windscreen washer fluid level
- Check operation of windscreen washers.

Fuel Filler Bowl

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

Engine Oil Level

It is important to check the engine oil level regularly. Running the engine with engine oil below the lower mark or above the upper mark can cause serious engine damage.

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

Tool Kit

A vehicle tool kit is located under the trim panel in the boot floor. Pull up on the left or right side corner of the trim carpet to lift the panel (A).



The tool kit consists of:

- Towing eye (Refer to 'Vehicle Recovery', page 11.15)
- Screwdriver
- Road wheel lock nut socket (optional)

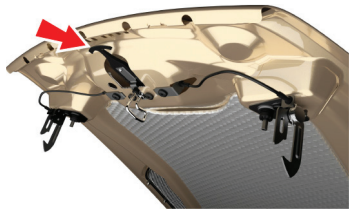
Battery Conditioner

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

(Refer to 'Battery Conditioner', page 11.19)

Bonnet Release

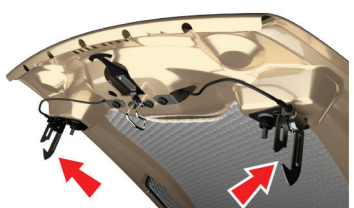
⚠ *Warning: Do not pull on the bonnet secondary catch to assist in closing the bonnet. This may displace the bonnet secondary catch. If the catch is displaced it may not work correctly.*



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

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

⚠ *Warning: There are two secondary latches installed on the bonnet. To avoid personal injury, take care when under the bonnet.*



📖 *If the windscreen wipers are operating, they will temporarily rest in the park position while the bonnet is unlatched.*

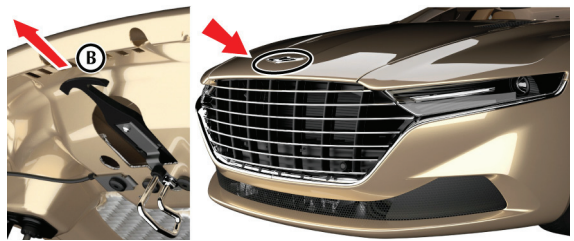
📖 *Before closing the bonnet, remove any tools, cleaning cloths, etc. from the engine compartment. Make sure that no one is obstructing the 'closing' area and that hands, clothing etc. are clear.*

📖 *If the bonnet does not fully close or it opens during driving the message centre will show BONNET OPEN.*

To open the bonnet pull the lever (A) located in the left front footwell to release the bonnet latch. The bonnet will rise but stay secured by the bonnet secondary catch.



Lift slightly on the bonnet front edge whilst pulling forward and then upward on the bonnet secondary catch (B) to release it. Lift the bonnet until fully open. The bonnet is held open by two gas struts.

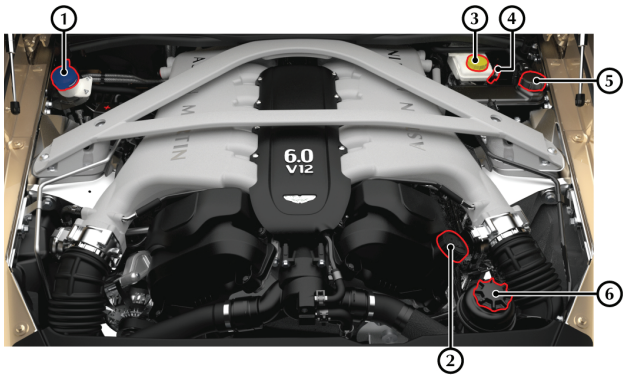


To close the bonnet lower the bonnet until it starts to fall under its own weight. At that point let the bonnet fall to close.

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

Fluid Levels

⚠ *Warning: Engine components may be hot and could cause severe burns.*



[1] : Washer fluid reservoir.

[2] : Engine oil filler cap.

[3] : Brake fluid reservoir[1] .

[4] : Engine oil dipstick.

[5] : Engine coolant reservoir.

[6] : Power steering fluid reservoir.

Windscreen Wash Fluid Level



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

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

Local or state regulations may restrict the use of volatile organic compounds (VOCs), which are commonly used as antifreeze agents in windscreen washer fluid. A windscreen washer fluid with limited VOC content should be used only if it provides adequate freeze resistance for all regions and climates in which the vehicle will be operated.

1. Changes sides for left and right hand drive.

Windscreen Washer Jets

The washer jet housings are located on the rear edge of the bonnet. Each housing contains two washer jets.

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

Brake Fluid Level

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

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

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 12.8).
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 12.8).

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

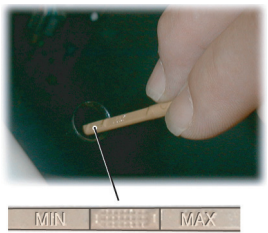
1. If the vehicle has been driven recently, run the engine until it reaches normal operating temperature.
2. Wait 10 minutes to allow to engine oil level to become stable
3. Withdraw and wipe the dipstick clean using a lint free cloth.



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.



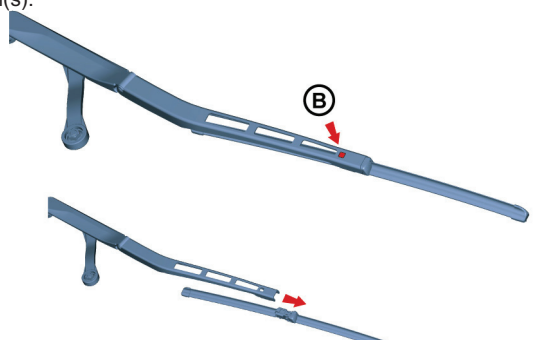
Approximately two litres (Three and a half pints) is required to bring the oil level from Min. to Max.

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, press and hold in buttons 2 and 6 on the Infotainment keypad. At the same time, insert the vehicle key in the ignition control and move to position 'II' (ignition ON). This will move the wiper blade arms to the 90° position. Return the vehicle key to position '0'.

Lift the wiper arm(s) up, press at point B and remove the worn wiper blade(s). Install the new wiper blade(s) and lower the wiper arm(s).



After replacing the wiper blade either:

- Move the vehicle key back through to position 'II' to lower the wiper arms. Return the vehicle key to position '0' or remove.
- Operate the wiper stalk - the wiper arms will complete the request and then park.

Brake Pad Bedding-in

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

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

Tyres

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

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

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

Only install tyres approved by Aston Martin.

Tyre Pressures

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

Check tyre pressures regularly and before starting any journey, and adjust accordingly.

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

Tyre Service

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

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

They are also of different sizes on the front and rear axles, therefore complete wheels cannot be swapped between axles. Complete wheels can, however, be swapped from side to side on the same axle.

Damage

Tyres should be examined at regular intervals for wear and damage. Inspect the tyre treads and sidewalls for damage, i.e. bulges in the tread or the sidewalls, cracks in the tread groove and separation in the tread or the sidewalls. If damage is observed or suspected have the tyre inspected by a tyre professional.

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

Flat Spots

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

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

Age

Local regulations on tyre life may apply.

Tyres degrade over time, even when they are not being used. It is recommended that tyres 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 Tyres

When new tyres are required consult your Aston Martin Dealer for advice if the rear tyres are also worn. Each wheel and tyre unit must be balanced dynamically and measured for Radial Force Variation (RFV) to make sure of efficient steering, optimum tyre wear and maximum ride comfort. Because of the potentially high speeds, it is essential that wheel balancing is carried out when new tyres are installed. Contact your Aston Martin Dealer for more information.

Running-In New Tyres

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

Tread Wear Marks



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

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

Winter Tyres

The tyres installed as original equipment are designed with a rubber compound, tread pattern and width specially suited for high speeds in normal road conditions, but they are less suitable during extremes of low temperatures, snow and ice. The use of winter tyres will considerably improve handling during these conditions.

Only use Aston Martin approved winter tyres.

⚠ *Warning: When winter tyres are fitted, the maximum speed limit of the vehicle could be reduced. Winter tyre speed limits and information should be provided upon installation of the winter tyres. Please consult your Aston Martin Dealer for more information.*

Winter tyres must be used in vehicle sets, that is, installed on all four wheels. Do not exceed the tyre speed rating when using winter tyres.

Snow Traction Devices

⚠ *Warning: The maximum speed when using snow traction devices is 48 km/h. 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.

Tyre Sealant Kit

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

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

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

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

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

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

Inform the tyre specialist that the tyre contains sealant.

Location

The tyre sealant kit is located in the left side of the boot storage area.

Operation

Remove the tyre sealant kit from its location in the boot. Follow the instructions detailed on the lid.

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

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

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

Dispose of empty sealant bottles together with normal household waste.

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

Vehicle Recovery

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

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

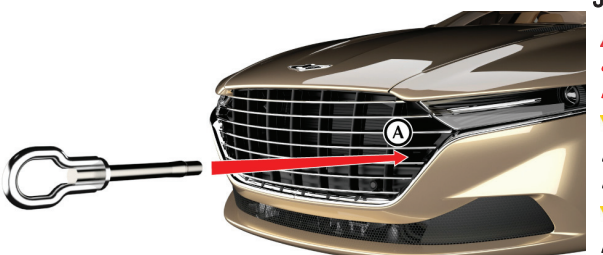
If there is a transmission fault, this vehicle must be transported.

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

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

If moving the vehicle in such a situation:

1. Remove the towing eye from its storage location in the vehicle tool kit (located in the boot storage area). 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. 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. Call Aston Martin Assistance.

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).

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

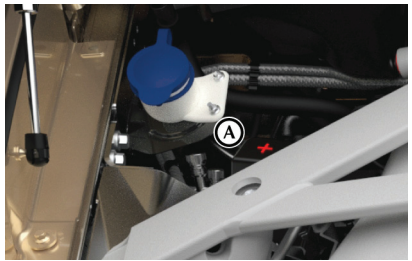
Jump Start Procedure

Remove rings, metal watch bands and any other jewellery.

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

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

1. Position the donor vehicle so that the connecting cables will reach into the recipient engine bay. Apply the park brake and 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.
6. Start the engine of the recipient vehicle.
7. Leave the jump start cables attached and the engines running for 2 to 3 minutes to allow the battery to charge.
8. 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.

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

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

Vehicle Battery

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

⚠ Warning: Do not allow flames, sparks or lighted substances to come near the battery. Batteries normally produce explosive gases which can cause personal injury. When working near the battery, always shield your face and protect your eyes. Always have sufficient ventilation.

⚠ Warning: When lifting a plastic cased battery, excessive pressure on the end walls could cause acid to flow through the vent caps, resulting in personal injury, damage to the vehicle or battery. Lift the battery with a battery carrier or with your hands on opposite corners.

⚠ Warning: Keep batteries out of reach of children.

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

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

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

The vehicle battery is located under the rear right seat. It is maintenance free and should only require checking by your Aston Martin Dealer during regular vehicle services.

Vehicle Battery Disposal

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

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

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

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



Warnings

The following warnings are located on the vehicle battery.



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

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

In cold climates this time may be reduced.

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

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

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

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

Battery Conditioner

Optional

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

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

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

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

The Aston Martin battery conditioner (option) is suitable for use on all types of 12 volt lead acid batteries.

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

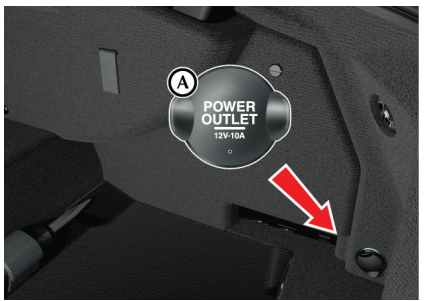


When connected the battery conditioner will maintain a small trickle charge to keep the battery in a fully charged state. The battery conditioner may be left in this state indefinitely.

To Connect a Battery Conditioner

1. Insert the accessory socket plug (B) into the accessory socket (A) located in the boot right side.
2. Insert the mains plug (C) into the mains supply.
3. Gently close, but do not latch, the boot lid. This avoids possible damage to the boot lid water seal from the battery conditioner power cable.

With the boot lid left open the vehicle doors can be locked and armed.





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

Battery Protection Mode

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

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

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

Frequently Asked Questions

What is the first sign of battery protection mode?

Two messages will show:

[A] : **WARNING - LOW BATTERY** (For 10 seconds).

[B] : **LOW BATTERY**



What should I do next?

Set all unnecessary electrical systems to OFF to reduce battery drain. Start the engine to recharge the battery. Run the engine for a reasonable length of time.

What happens if I ignore the warning messages?

After approximately two to ten minutes (dependent on the rate of battery charge drain) the following messages will show:

[A] : **INFOTAINMENT WILL BE SHUT DOWN 2 MINUTES** (For 10 seconds).

[B] : **LOW BATTERY POWER SAVE**.

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

What should I do if these messages are shown?

Set all unnecessary electrical systems to OFF. Start the engine to recharge the battery. Run the engine for a reasonable length of time.

What happens if I ignore second warning messages?

The infotainment system will shut down in two minutes. No other electrical system will be shut down. This significantly reduces the rate of battery drain. The following functionality will be lost:

- CD Player
- Navigation System
- Radio Tuner

What should I do if the infotainment system shuts down?

Start the engine to recharge the battery. Run the engine for a reasonable length of time.

The infotainment system will not operate without the engine running until the battery has regained its charge. With the engine running the infotainment system will start up.

What is a reasonable length of time to run the engine?

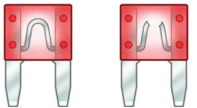
The vehicle battery normally requires a journey of approximately 48 km to recharge. Additionally, use the battery conditioner to restore the vehicle battery charge.

What if I cannot restart the engine?

If the battery has been run down to a point where it will not start the engine then an external battery charger[1] will be required or your vehicle will require a 'jump start' (Refer to 'Jump Start From Another Vehicle', page 11.16).

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

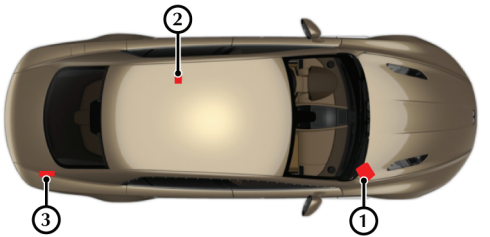
Fuse Boxes



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] : Rear passenger seat fuse box (under left side seat)

[3] : Boot 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 Value
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

Fuse	Rating	Function
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	Not Available
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)

Rear Passenger Seat Fuse Box

Fuse	Rating	Function
F1	5A	Not Available
F2	30A	Right Side Electric Park Brake Motor
F3	15A	Right Side Rear Heating / Ventilation and Air Conditioning Blower
F4	10A	Refrigerator
F5	30A	Left Side Electric Park Brake Motor
F6	10A	Rear View Camera
F7	5A	Electric Park Brake Module / Park Distance Control Module
F8	-	Not Available
F9	30A	Fuel Pump Control Module
F10	25A	Left Side Rear Door Electronic Control Unit
F11	10A	Transmission Control Module

Boot Fuse Box

Fuse	Rating	Function
F12	20A	Adaptive Damping System
F13	10A	Rear Ambient LEDs/ Left Side Rear Interior LED/Left Side Rear Footwell LED
F14	10A	iPad Charge Point
F15	10A	Rear Centre Stack Switch Pack / Rear LCD
F16	25A	Not Available
F17	15A	Rear Heating / Ventilation and Air Conditioning Blower
F18	30A	Not Available
F19	5A	Satellite Navigation
F20	5A	Adaptive Damping System
F21	25A	Left Side Front Door Electronic Control Unit
F22	5A	Exhaust Bypass Valve

Fuse	Rating	Function
F1	-	Not Available
F2	20A	Boot Power Socket
F3	30A	Heated Rear Window
F4	-	Not Available
F5	-	Not Available
F6	5A	B&O Amplifier
F7	5A	Media Hub
F8	-	Not Available
F9	-	Not Available
F10	25A	Right Side Rear Door Electronic Control Unit
F11	-	Not Available

Fuse	Rating	Function
F12	-	Not Available
F13	15A	Boot Latch Module
F14	5A	Rear Environment USB Ports
F15	5A	Right Side Rear Interior LED / Right Side Rear Footwell LED / Comfort Switch
F16	-	Not Available
F17	-	Not Available
F18	-	Not Available
F19	5A	Digital Tuner
F20	15A	Right Side Rear Seat Electronic Control Unit
F21	25A	Right Side Front Door Electronic Control Unit
F22	15A	Left Side Rear Seat Electronic Control Unit

Headlamp

⚠ 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.

📖 *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.*

Other External Lamps

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

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.

📖 *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.

Boot Lamps

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

If a boot LED fails contact your Aston Martin Dealer.

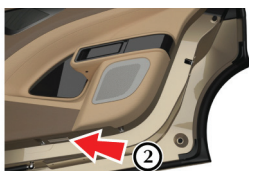
📖 *LEDs can last tens of thousands of hours and are resistant to heat, cold, shock and vibration.*

Internal Lamps

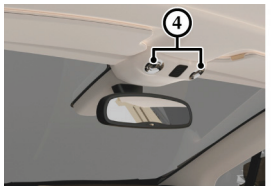
The puddle lamps on each door and the front and rear footwell lamps are bulbs which can be renewed. All other internal lamps are LEDs which are not repairable. If an LED lamp fails to operate, contact your Aston Martin Dealer.

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











[1] : Front footwell lamps
[2] : Rear footwell lamps
[3] : Door puddle lamps
[4] : Front reading lamps
[5] : Rear ambient lamps

Door Window Reset

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

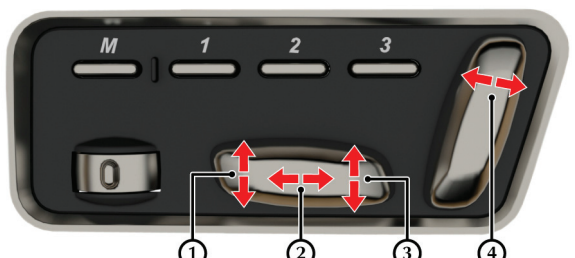
1. Sit in the driver's seat with all doors closed, insert the vehicle key into the ignition control and move to position 'II' (ignition ON).
2. Press firmly and hold the window switch until the window is at the maximum down position. Continue to hold the button for five seconds then release.
3. Pull 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.

Vehicle Cleaning

Paint Work

Modern water based paints are much safer and more environmentally friendly than solvent based paints. Water based paints are however more susceptible to contamination and marking by corrosive substances. The following list is not exhaustive but does show the most common contaminants which may adversely affect your paint work:

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

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

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

For best results:

- Do not wash the vehicle in strong sunlight. Let the vehicle cool before washing.
- Do not use household soaps or detergents.
- Do not direct water hoses at full force around the door and boot lid seals.
- Do not use a brush on the car body as this will leave little scratches.

Suggested washing method:

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

Front 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.

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

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

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

Alcantara roof linings and other soft trimmed areas may be brushed with a soft brush. Stains from water based substances such as coffee, tea or soft drinks should be cleaned as soon as possible with mild soap and water.

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

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

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

Care and Maintenance of Seat Belts

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

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

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

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

Under Bonnet Cleaning

Under bonnet cleaning using high pressure hoses or steam cleaners should not be carried out. The electronic control module connections and fuse boxes can be damaged by indiscriminate use of high pressure cleaning equipment.

Recommendations

These recommendations apply to new and pre-owned vehicles either in dealer or customer ownership.

If your vehicle is not to be used for periods in excess of three months it should be stored in a dry, well ventilated building.

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

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. 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.
6. 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 tyre 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.

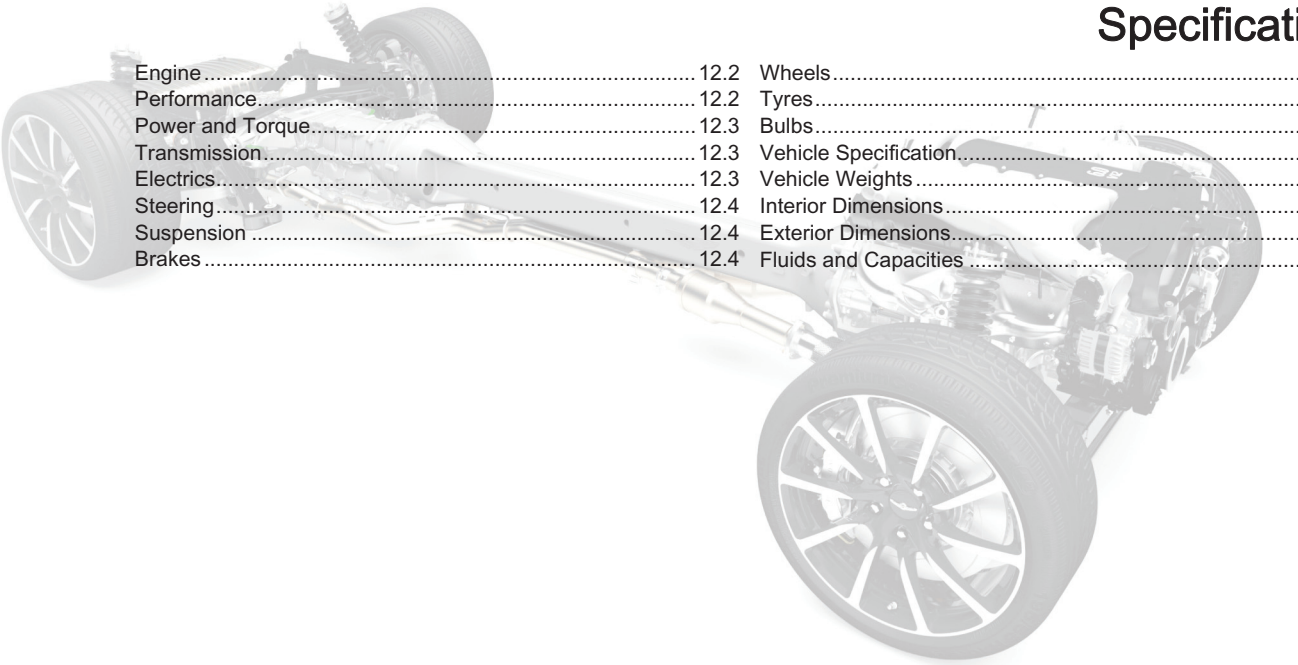
! Starting the engine without sufficient lubrication can cause serious engine damage. Make sure that the engine oil pressure is established before starting the engine.

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 bonnet and check for leaks of fuel, oil and coolant.
7. 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 disc surface. Drive conservatively and, when safe to do so, frequently apply the brakes until disc surfaces have been cleaned. Full braking performance should then be restored.

If in any doubt about the condition of your vehicle, have it checked by your Aston Martin Dealer.

Specifications



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Engine

All alloy, independent quad variable camshaft timing, overhead cam 48 valve V12.

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

Use of fuels containing more than 10% Ethanol are not recommended.

Fuel Delivery System: Multi point sequential fuel injection.

Capacity: 5935 cc

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

Idle Speed: 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: 11.0:1

Ignition: 'Coil on Plug' ignition system.

Emission Control: Eight oxygen sensors (four per exhaust manifold). Six three-way catalytic converters (two per exhaust manifold and one main per bank). Evaporative loss purge.

Lubrication: Wet sump pressurised lubrication.

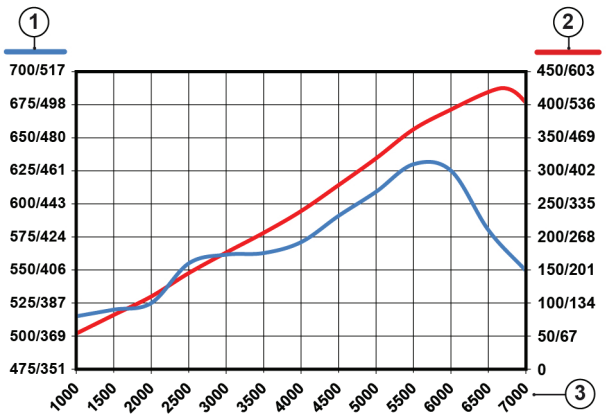
Performance

Maximum Power: 403 kW @ 6650 rpm

Maximum Torque: 620.0 Nm @ 5500 rpm

Maximum Engine Speed: 7000 rpm

Power and Torque



[1] : Torque (Nm / lb/ft)

[2] : Power (kw / bhp)

[3] : Engine speed (rpm)

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.

Electrics

Alternator: Denso SC5 200 Amps

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

Battery: Banner 88 AH

Steering

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

Turns Lock to Lock: 2.75

Turning Circle: 12.9 m (Kerb to Kerb)

Total Toe: Refer to your Aston Martin Dealer for the correct data.

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)

Brakes

Footbrake

Combination Cast Ventilated Discs

Combination cast front discs with aluminium centre bell and steel ventilated and grooved discs. Rear discs are ventilated and grooved steel discs.

	Front	Rear
Diameter	400 mm	360 mm
Calipers	Six piston	Four piston

Park Brake

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

Brake System Features

- Anti-lock Braking System (ABS)
- Hydraulic Brake Assist (HBA)
- Electronic Brake force Distribution (EBD)
- Traction Control (TCS)

Wheels

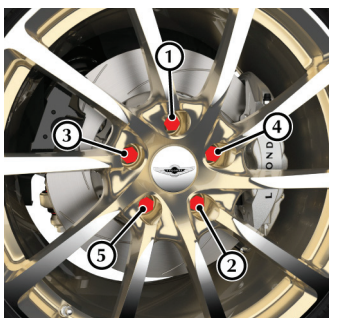
Aston Martin Aluminium Alloy

Front	Rear
8.5J x 20	11J x 20

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.



Tyres

Tyre Loading

Tyres installed to this vehicle shall have a maximum load rating not less than 690 kg (1521 lbs) front and 925 kg (2039 lbs) rear, or a load index of 95 (front) and 105 (rear) and a speed category of ZR.

Summer Tyres

The original equipment tyres, including winter tyres, installed to this vehicle are an approved specification, designated by 'AMR' on the sidewall.

	Front	Rear
Bridgestone S001 'AMR'	245/40 ZR 20 (95Y)	295/35 ZR 20 (105Y)

Winter Tyres

	Front	Rear
Bridgestone Blizzak 'AMR'	245/40 ZR 20 (95W)	295/35 ZR 20 (105W)

Warning: When winter tyres are fitted, the maximum speed limit of the vehicle could be reduced. Winter tyre speed limits and information should be provided upon installation of the winter tyres. Please consult your Aston Martin Dealer for more information.

Tyre Air Pressures

Cold Inflation (All Tyres)

Front	Rear
2.5 bar	2.6 bar

Bulbs

	Rating	Type
Headlamp dipped and main beam	25W	Bi-Xenon
Front indicator lamps		LED
Parking lamp		LED
Door lamps	5W	W5W
Side repeater		LED
Front and rear footwell lamps	5W	W5W
Rear quarter lamps / boot lamps / reading lamps		LED
High mounted stop lamp		LED
Registration plate lamps	5W	W5W

The rear lamp cluster is a sealed unit. If any rear cluster lamp fails to operate contact your Aston Martin Dealer.

Vehicle Specification

Body

Four door saloon with four seats

Extruded aluminium bonded body structure with aluminium and carbon fibre composite body panels and 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	2010 kg
Gross Vehicle Weight (GVW)	2410 kg
Boot Load	40 kg (Maximum load, evenly distributed.)

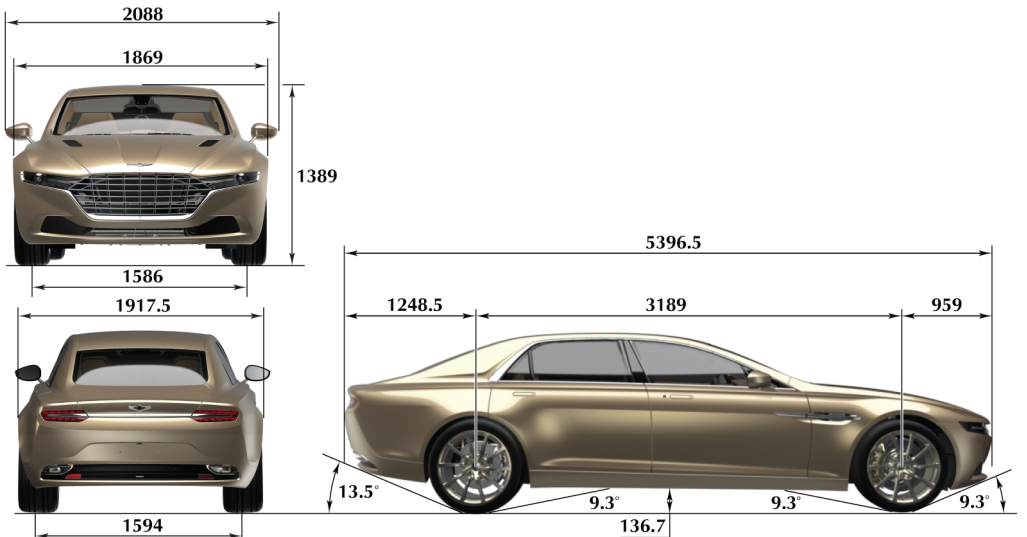
Interior Dimensions

	Front	Rear
Effective Headroom	962 mm	962 mm
Shoulder Room	1341 mm	1311 mm
Hip Room	1384 mm	1234 mm
Effective Legroom	1086 mm	895 mm

	Boot Volume
With Refrigerator:	272 ltr
Without Refrigerator:	300 ltr

Exterior Dimensions

Ride height is measured at Gross Vehicle Weight (GVW).
Dimensions shown in millimetres.



Fluids and Capacities

Recommended Fluids

To achieve the required high performance of synthetic lubricants, do not mix with mineral oils.

Engine Oil:

Authority	Standard
API	SL / SJ / EC / CF
ACEA	A3 / B3 / B4
ILSAC	GF3

Do not mix OAT antifreeze with glycol based antifreeze.

Engine Coolant: 50% water, 50% Havoline XLT

Brake Fluid: React Performance DOT 4

Power Steering Fluid: Pentosin CHF-11S

Air Conditioner Refrigerant: HFC134A

Capacities

Engine Sump (including filter): 13.1 litres

Automatic Final Drive and Cooler: 1.725 litres

Engine Cooling System: 15 litres

Power Steering System: 1.3 litres

Screen Washer Reservoir: 5.5 litres

Fuel Tank: 90.5 litres (Approximately 88.5 litres usable.)



Service

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Pre-delivery Inspection

This free series of checks is carried out on the vehicle by the Selling Dealer before delivery. The checks make sure that you receive a vehicle which matches the high quality standards set by Aston Martin Limited.

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
- Clutch fluid
- Engine coolant level
- Engine coolant specific gravity
- Windscreen washer fluid
- Fuel system
- Transaxle leak check
- Lift glass
- Battery.

Mechanical Functions

- Gear selection
- Clutch operation
- Throttle pedal operation
- Park brake operation
- Steering column adjustment and lock operation
- Seat adjuster rails
- Bonnet release and catch
- Door operation and locks
- Storage compartments
- Rear view mirror
- Boot release and catch
- Lift glass 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 boot lamps
- Central locking system
- Filler flap lock operation
- Clutch pedal start inhibit

- Door mirror adjustments
- Interrogate fault codes
- Record battery open-circuit voltage
- Tyre pressure sensing
- Centre console controls.

Wheels and Tyres

- Install locking road wheel nuts (option)
- Check road wheel nuts torque
- Tyre pressures
- Tyre orientation.

Road Test

- Engine
- Clutch
- 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
- Tyre 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
Date:	
Signature:	

Servicing

Service Periods

Vehicle servicing is every 16,000 km or 12 months, which ever occurs first.

- 16,000 km or 12 months
- 32,000 km or 24 months
- 48,000 km 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 / 12 months	32,000 km / 24 months	Item
Pre Maintenance Work		
		Install the vehicle protection kit.
		Check the diagnostic codes.
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, and check for leaks.
x	x	Examine the condition, operation and attachment of the braking system for wear and adjustment, and check 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, and check for leaks.
x	x	Examine the condition, operation and attachment of all under body fluid lines and check for leaks.
5 Years		Replace engine coolant.
	x	Check and adjust the oil level in the manual transaxle.
40,000 mls/64,000 km		Replace the oil and clean the filter in the manual transaxle.
	x	Check and adjust the oil level in the automatic differential.
40,000 mls/64,000 km		Replace the oil and clean the filter in the automatic differential.
x	x	Replace the brake fluid.

16,000 km / 12 months	32,000 km / 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).
32,000 mls/48,000 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, and check for leaks.
x	x	Examine the condition, operation and attachment of the brake system, and check for leaks.
x	x	Examine the condition, operation and attachment of the fuel system, and check for leaks.
x	x	Examine the condition, operation and attachment of the air conditioning system, and check 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.
70,000 mls/112,000 km		Replace the spark plugs.
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, bonnet catches and lubricate them.
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 and check the wheel nut torque.
x	x	Complete a tyre report and adjust the tyre pressures as required.
x	x	Complete the tyre pressure sensor system functional test.
x	x	Reset the service interval indicator.

16,000 km / 12 months	32,000 km / 24 months	Item
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 tyres 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 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:

_____

16,000 km or 12 Months

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

32,000 km or 2nd Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

48,000 km or 3rd Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

64,000 km or 4th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

80,000 km or 5th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

97,000 km or 6th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

113,000 km or 7th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

129,000 km or 8th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

145,000 km or 9th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

161,000 km or 10th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

177,000 km or 11th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

193,000 km or 12th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

209,000 km or 13th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

225,000 km or 14th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

241,000 km or 15th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

257,000 km or 16th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

274,000 km or 17th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

290,000 km or 18th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

306,000 km or 19th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

322,000 km or 20th Year

Odometer:

Technician Name:

Technician Signature:

Service Advisor Name:

Service Advisor Signature:

Date:

Next Service Due:

Pre-booked: Yes / No

Service Details

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Vehicle Health Check:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Manual Transmission Oil Changed:	Yes / No
Auto Differential Oil Changed:	Yes / No
Coolant Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Additional Service Information

Authorised Dealer Stamp

Replacement of Airbag Units

Every 10 years from the date of vehicle registration, all airbag units must be replaced. To make sure this is completed correctly and safely, this work should be carried out by your Aston Martin Dealership.

Airbag Replacement 10th Year

Odometer:

Date:

Signature:

Replacement of Seat Belt Pre-tensioners

Every 10 years from the date of vehicle registration, all seat belt pre-tensioners must be replaced. To make sure this is completed correctly and safely, this work should be carried out by your Aston Martin Dealership.

Seat Belt Pre-Tensioners Replacement 10th Year

Odometer:

Date:

Signature:

Field Service Actions

Action No.	Date	Dealer

Service Action Recalls

Action No.	Date	Dealer

Action No.	Date	Dealer

Recall No.	Date	Dealer

Recall No.	Date	Dealer

Recall No.	Date	Dealer

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Aston Martin Warranty

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Vehicle Warranties

Aston Martin gives a Warranty for each new Aston Martin vehicle and each replacement vehicle or assembly manufactured or supplied by the Company to be free from defects in material and workmanship under normal use and service for the applicable Warranty period.

The warranties provided herein are for the benefit of the original purchaser and any subsequent owner during the relevant Warranty Period (defined below) in the Serviced Countries (defined below). An Aston Martin vehicle is built and homologated to support the Region for which it is manufactured and is compliant with the local regulatory requirements of that Region. As a result, the warranties cover Aston Martin vehicles that are built for and supplied to the Region.

For the purposes of this Owner's Guide, Region means one of the following territories:

- the Americas, including the United States, Canada, and South America; or
- the United Kingdom, Europe, Russia and South Africa; or
- the Middle East, North Africa and India; or
- Asia Pacific, including China, Japan, Taiwan, Hong Kong, Singapore, Australia and New Zealand.

'Serviced Countries' means either: (a) any country in the Region from which your Aston Martin vehicle was purchased, where there is an Aston Martin authorised dealer or repairer; or (b) any country agreed in writing with Aston Martin.

Tyres are covered separately by the tyre manufacturer. Dealers are expected to offer assistance to the customer in pursuing a claim against the tyre manufacturer.

Exchange Parts Under Warranty

New parts will only be used for repairs at PDI and during the first three months or 5000 km/3000 miles (which ever occurs first) from the date the vehicle is handed over to the first retail customer. Thereafter exchange parts must be used where available under Aston Martin's exchange plan.

Anti Perforation Corrosion Protection Warranty

The vehicles 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 through a body panel from the inside.

Warranty Period

The period of cover for all types of warranty commences on the day the vehicle is handed over to the first registered keeper of the car (first registered keeper shall mean the Dealer in the context of demonstration vehicles).

The Vehicle Warranty period of cover is one year with unlimited mileage.

The Anti Perforation Corrosion Warranty period of cover is ten years with unlimited mileage.

Who May Repair the Vehicle

Franchise Holders or Approved Repairers, who are appointed and receive full technical support from Aston Martin, provide facilities for the servicing and repair of Aston Martin motorcars. Only such Franchise Holders or Approved Repairs will under the terms of this warranty, repair replace or readjust, free of charge to the owner, any part or assemble proved to Aston Martins satisfaction to show a defect in materials or workmanship within the applicable period.

Wear and Tear Items

Items that are subject to wear and tear are generally divided into two categories, namely those specified for replacement or adjustment during scheduled maintenance and those that require replacement or adjustment dependent upon conditions of use.

Scheduled Maintenance Items

The items listed below are covered by the Vehicle Warranty up to the first scheduled change point that replacement or adjustment is required during scheduled maintenance operations. The customer literature supplied with the new Vehicle includes a service book setting out such scheduled maintenance operations.

- Drive belts
- Spark plugs
- Oil, air, pollen and fuel filters.

The period of warranty cover for any item may not exceed the time and distance limitation of the vehicle warranty.

Wear and Tear Items

The items listed below are recognised as having a limited service life or are subject to wear or damage. However, these items are covered by the vehicle warranty for up to one year or the first service, which ever occurs first.

- Wiper blades.
- All light bulbs.
  HID headlamp bulbs and instrumentation illumination bulbs are covered by the full vehicle warranty.
- Wheel alignment and balancing.
- Adjustments, including but not limited to: headlamp and hinged panel adjustments, suspension tightening, steering geometry adjustments, emission and fuel systems checks and park brake cable adjustments.
- Remote handset batteries.

Brake pads, brake discs, clutches and other friction related components are not covered when replacement is due to wear and tear, but they are covered against manufacturing defects (whether in material or workmanship) for the duration of the Vehicle Warranty.

Consumables

Replacement or top up of consumable fluids, e.g. oils, antifreeze, brake fluid, windscreen wash solution and refrigerant, will only be covered when they are used as part of a warranty repair.

Vehicle Warranty

Aston Martin is **not** responsible for any repair or replacement that is required as a direct result of:

- Normal wear and tear.
- Friction related components, e.g. clutch, brake pads and brake discs.
- Failure to properly maintain the vehicle in accordance with Aston Martin's maintenance schedules and service instructions.
- Failure to use Aston Martin specified parts or fluids during a warranty repair (or parts of equivalent quality during a retail repair).
- Damage resulting from neglect, accident, flooding or improper use.
- Any modification of the vehicle or parts which is not authorised by Aston Martin, including any engine performance enhancement modifications.
- Refilling or topping up with incorrect fuel, e.g. diesel instead of petrol.
- Use of bio ethanol alternative fuels.
- 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.
- Defects caused as a result of the vehicle being used in motor sport or track events or for any other purpose other than normal private or commercial use.
- Any vehicle that has had its vehicle identification number altered or removed, or on which the odometer reading has been unlawfully altered.

Paint Surface and Corrosion Protection

Aston Martin is not responsible for any repair or replacement that is required as a direct result of the following:

- Failure to properly maintain paint and bodywork by regular cleaning in accordance with Aston Martin instructions.
- Factors beyond Aston Martin's control, such as environmental hazards (including industrial fallout, storm damage, acid rain) and damage (including stone chips, scratches and use of unsuitable cleaning agents).
- Accident repairs using materials or methods of repair that have not been approved by Aston Martin.
- Alterations of the vehicle from Aston Martin's original specification.
- Failure to rectify on a timely basis any paint or corrosion damage as recorded in the vehicle documentation by a dealer at the time of the annual inspection.

Other Exclusions

The Aston Martin warranty excludes liability for any lost time, inconvenience, loss of transportation, or any other incidental or consequential damage you (or anyone else) may incur as a result of a defect covered by this warranty.

The customer literature will describe the proper care and use of the vehicle. Proper maintenance and use guard against major repair expenses resulting from misuse, neglect or inadequate maintenance, and may help increase the value that the customer may receive when selling the vehicle.

The Customer is responsible to:

- Make sure that the vehicle is maintained in accordance with the vehicle service and maintenance guide published in the customer literature.
  Failure to perform maintenance promptly and in accordance with Aston Martin's specified service intervals will invalidate warranty coverage on the parts affected.
- The customer is required to take the vehicle to a dealer for any warranty repairs as soon as practicable after a defect is detected.
- Make sure that the Service and Maintenance schedule has been stamped by the servicing dealer after the completion of a scheduled service operation.
- Make sure that paint and bodywork is maintained by regular cleaning in accordance with the vehicle manufacturer's instructions.
- Make sure that the body panels are examined annually by an authorised Aston Martin Dealer and that this inspection is recorded in the Owner's Guide.

Warranty Coverage when Touring

Aston Martin has a comprehensive service network in most parts of the world. Any authorised Aston Martin Dealer can carry out repairs under the terms of the vehicle warranty. Under normal circumstances, the customer should not be required to pay for any warranty work performed by an Aston Martin Dealer.

It is the customer's responsibility to produce the warranty documentation issued with the new vehicle. This establishes the customers right to warranty coverage and the relevant maintenance and service records. If the customer is unable do so, the dealer should seek advice from Aston Martin.

Aston Martin Extended Warranty

Aston Martin Extended Warranty is specifically designed to provide the customer with first class after-sales protection from unexpected repair costs when the vehicle warranty has expired, and the knowledge that your Aston Martin will be repaired by trained technicians using only genuine Aston Martin parts.

Contact your Aston Martin Dealer for more information on the benefits and protection provided by the Aston Martin Extended Warranty.

Consumer Law

The Warranty is a manufacturer's warranty that supplements and does not affect the Owner's legal rights under the vehicle purchase agreement or under applicable national legislation governing the sale of consumer goods.

Owner Details

Name:

Address:

:

:

:

Post Code:

Signature:

Date:

Dealer Stamp

Vehicle Details

Registration Plate No.:

VIN No.:

Engine No.:

Warranty Start Date:

If the vehicle is sold, the benefits of any un-expired portion of the warranties can be transferred to the new owner.

The new owner should complete a ‘tear off’ sheet (next page) and send the new details to:

Aston Martin Warranty Department,
Aston Martin Lagonda Limited,
Banbury Road,
Gaydon,
Warwick,
CV35 0DB,
England

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Owner Warranty Transfer (3)

Registration Plate No.:

VIN No.:

Odometer:

Date of Purchase:

Name:

Address:

:

:

:

Post Code:

Telephone No.:

Signature:

Date:

Owner Warranty Transfer (2)

Registration Plate No.:

VIN No.:

Odometer:

Date of Purchase:

Name:

Address:

:

:

:

Post Code:

Telephone No.:

Signature:

Date:

Owner Warranty Transfer (1)

Registration Plate No.:

VIN No.:

Odometer:

Date of Purchase:

Name:

Address:

:

:

:

Post Code:

Telephone No.:

Signature:

Date:

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Owner Warranty Transfer (6)

Registration Plate No.:

VIN No.:

Odometer:

Date of Purchase:

Name:

Address:

:

:

:

Post Code:

Telephone No.:

Signature:

Date:

Owner Warranty Transfer (5)

Registration Plate No.:

VIN No.:

Odometer:

Date of Purchase:

Name:

Address:

:

:

:

Post Code:

Telephone No.:

Signature:

Date:

Owner Warranty Transfer (4)

Registration Plate No.:

VIN No.:

Odometer:

Date of Purchase:

Name:

Address:

:

:

:

Post Code:

Telephone No.:

Signature:

Date:

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