ASTON MARTIN



Welcome

Welcome to your new Aston Martin DB11.

This Owner's Handbook has been designed to explain the vehicle's operation and to make the control of its systems easy to understand and operate. All new owners are recommended to read the Owner's Handbook prior to driving. This Owner's Handbook forms part of the essential vehicle equipment for homologation purposes and must stay with the vehicle at all times.

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.

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

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

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

Airbag 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.

Warning labels are located on both driver and passenger sun visors and on the passenger end of the instrument panel.



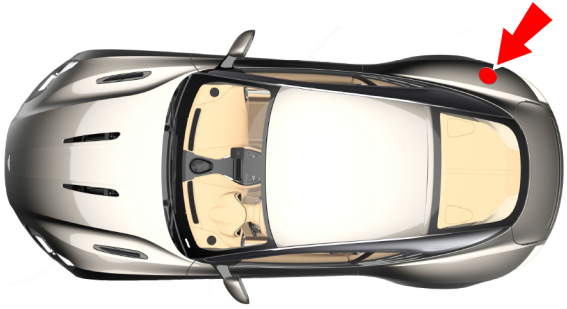


[A] : US Variant

[B] : Canada Variant

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 right side of the vehicle'.



Vehicle Battery Disposal

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

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

Do not dispose of a battery in fire or water.

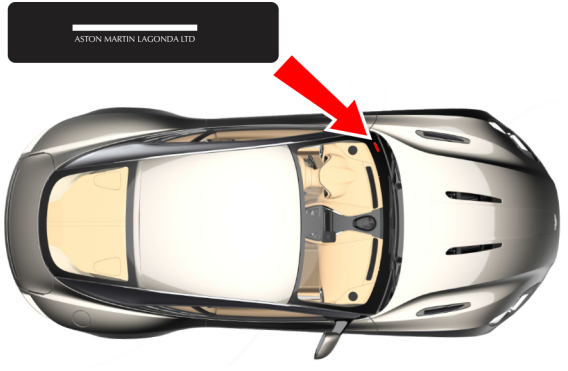
Follow your local authorized standards for disposal. Call your local authorized recycling centre to find out more about recycling automotive batteries.

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



Vehicle Identification

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



The VIN plate can also be found in the passenger side door shut panel and laser etched onto the right side footwell.

To view the VIN etched into the floor panel, lift the carpet up from the front, and then lift the sound deadening material.

Event Data Recorder (EDR)

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

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

The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating;
- Whether or not the driver and passenger safety belts were buckled/fastened;
- How far (if at all) the driver was depressing the accelerator and/or brake pedal; and,
- How fast the vehicle was traveling.

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

EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g., name, gender, age, and crash location) are recorded.

However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed.

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

Reporting Safety Defects

North America

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

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

To contact NHTSA:

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

Go to www.safercar.gov

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

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

Canada

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

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

Health

CALIFORNIA Proposition 65

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

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

Perchlorate Material

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

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

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



ASTON MARTIN

Aston Martin Heritage Trust

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







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Aston Martin Owners' Club (AMOC)

An invitation to join the Aston Martin Owners' Club

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







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Every effort has been made to make sure that the information provided in this Owner's Handbook is accurate and up-to-date. However neither the manufacturer or the Dealer, by whom this Owner's Handbook is supplied, will in any circumstances be held responsible for any inaccuracy or the consequences thereof. All rights reserved.

Software instructions in this handbook are correct at time of print. However, these may be subject to change due to ongoing software updates during the vehicle's lifetime. Contact your Aston Martin Dealer for further information

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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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Issue 1: September 2017
Part Number: JY53-19A321-HA

Quick Start

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Vehicle Key

What Do The Buttons On The Key Do?

(Refer to 'Vehicle Key', page 2.2)



[1] LOCK: Press to lock the vehicle and arm the security system.

[2] UNLOCK: Press to unlock either the driver's door or the vehicle.

[3] DECK LID OPEN: Press and hold to release the deck lid catch.

Global Close

Press and hold to unlock all vehicle doors and open all windows.

Press and hold to lock all doors and close all windows.

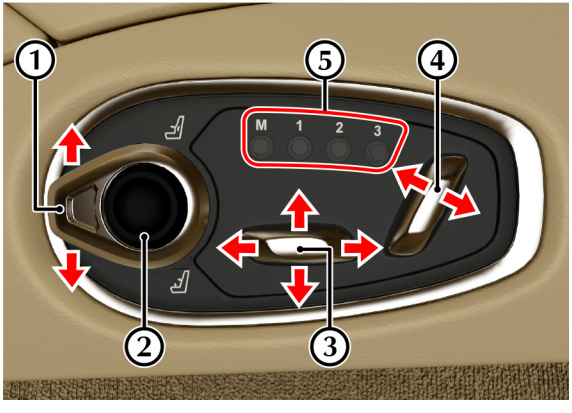
Keyless Entry

To unlock the vehicle with Keyless-Go active, fully push the front edge of the door handle. If the system recognizes a valid key signal, the door will unlock and open.

To lock the vehicle, close all the vehicle doors and press the rear edge of the door handle to activate the lock switch.

How Do I Adjust The Seat?

(Refer to 'Seat Adjustment', page 3.2)



[1] BOLSTER/LUMBAR ADJUSTMENT SELECTOR SWITCH (OPTIONAL): Press the switch up to select lumbar adjustment. Press down to select bolster adjustment.

[2] BOLSTER/LUMBAR ADJUSTMENT: Use the directional pad to adjust the position of the lumbar or bolster support.

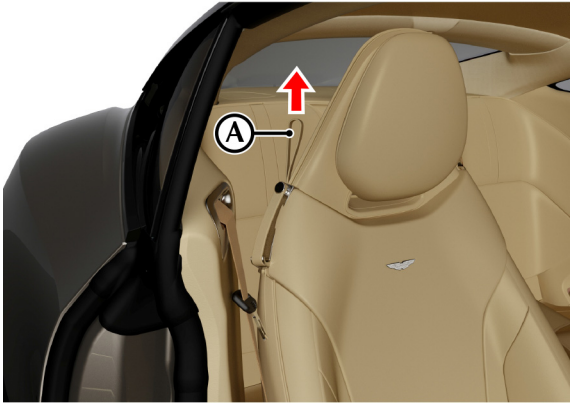
[3] SEAT POSITION ADJUST: Seat forward/backward and height adjust. Raise front to tilt base of seat.

[4] SEAT BACKREST ADJUST: Seat back angle adjust.

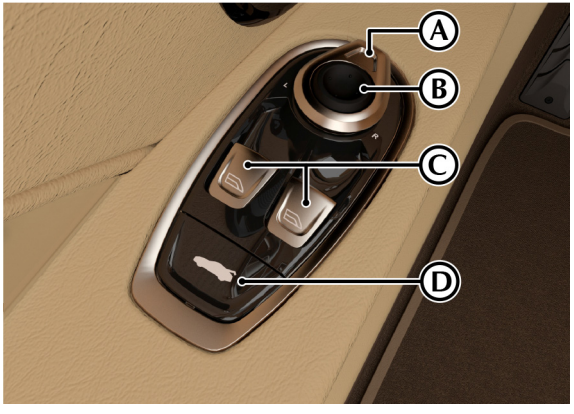
[5] MEMORY SEAT POSITIONS: Use to select or store memory positions for the seat, steering column and wing mirror positions .

How Do I Get To The Back Seats?

Pull the release strap (A) to release the seat back. Pull and hold to move the seat back forward.



What Do The Door Switches Do?



[A] DOOR MIRROR SELECTOR: Press to select left or right door mirror (Refer to 'Exterior Mirrors', page 3.7).

[B] DOOR MIRROR ADJUSTMENT: Use the direction pad to adjust the mirror position.

[C] WINDOW SWITCH: Press or pull to operate the driver or passenger windows (Refer to 'Electric Windows', page 3.5).

[D] DECK LID: Press and hold to release the deck lid catch (Refer to 'Deck Lid', page 2.7).

How Do I Adjust The Steering Column?

(Refer to 'Steering Column', page 3.8)

The reach and tilt angle of the steering column are adjusted by using the adjustment lever. Push the lever down or up to adjust the steering column angle. Pull the lever towards you to bring the steering wheel closer and away to move the steering wheel back.



How Do I Use The Memory Positions?

(Refer to 'How Do I Use The Memory Positions?', page 1.5)

Setting a Position

Adjust the seat, steering column and the door rear view mirrors to the desired position. Push the memory button (M), then press the required memory channel (1, 2 or 3) to save the positions. A chime is heard and a message will show in the message centre to confirm. By repeating these steps and pressing an unused button, a second and third driving position can be saved in the memory.

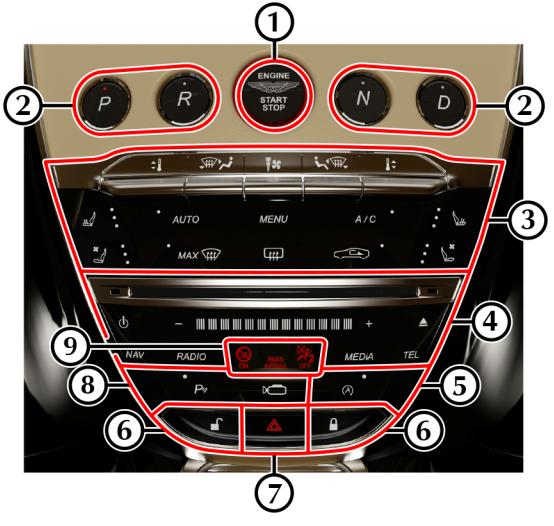
Recalling a Memory Position

Once in the seat press and hold button 1, 2 or 3 (depending on which saved channel is required) until all movement is stopped. The seat will move to the saved position.

Seat and steering wheel movement will be interrupted if the memory channel button is released. Exterior mirror movement will continue. Press and hold the memory channel button to complete seat and steering wheel movement.

What Do The Centre Stack Switches Do?

(Refer to 'Centre Stack Controls', page 4.5)



[1] ENGINE START/STOP:

Press to start or stop the engine. (Refer to 'How To Start The Engine', page 5.3).

[2] TRANSMISSION CONTROL BUTTONS:

Press to select a transmission mode (Refer to 'PRND Buttons', page 5.5).

[3] HEATING AND COOLING CONTROLS:

Operates the climate controls (Refer to 'Centre Stack Climate Controls', page 6.2).

[4] INFOTAINMENT CONTROLS:

Operate the various infotainment controls.

(Refer to 'Multimedia Controls', page 8.4)

(Refer to 'Hands-Free Controls', page 7.2)

(Refer to 'Navigation Controls', page 9.2)

[5] STOP/START FUNCTION:

Turn the Stop/Start function on and off(Refer to 'Stop/Start', page 5.24).

[6] MASTER LOCK SWITCHES:

Lock or unlock the vehicle (Refer to 'Unlocking From Inside the Vehicle', page 2.6).

[7] HAZARD WARNING SWITCH:

Press to set the hazard warning lamps to ON or OFF (Refer to 'Hazard lamps', page 4.19).

[8] PARK ASSIST FUNCTIONS:

Operate PDC sensors or operate 360° camera system (Refer to 'Park Assist Systems', page 5.26).

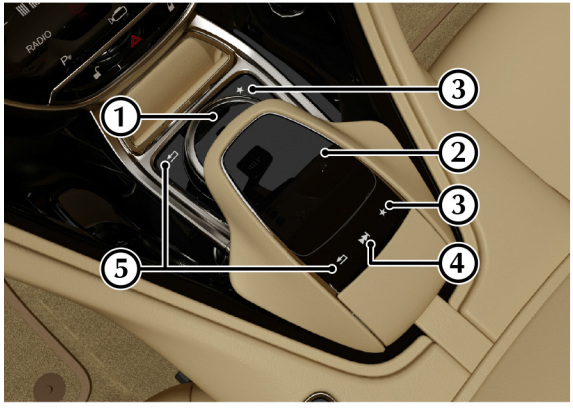
[9] PASSENGER AIRBAG STATUS:

Indicator to show if the passenger airbag is active or not

(Refer to 'Occupant Classification System', page 3.18).

What Does The Control Dial Do?

Control Dial shown with optional Touch Pad



[1] CONTROL DIAL:

Use to navigate through menus in the infotainment system. Press down to confirm a selection (referred to as ***ENTER*** throughout this handbook).

[2] TOUCH PAD (OPTIONAL): Touch sensitive pad which can be used to navigate menus in the infotainment system. Press down to confirm a selection. The touch pad can also be used for handwriting recognition (Refer to 'Touch Pad', page 4.7).

[3] FAVOURITE:



Press to view items on your favourites list. Press and hold to add the current menu item to the favourite list.

[4] QUICK ACCESS MENU (TOUCH PAD ONLY): Press to access the quick access menu.



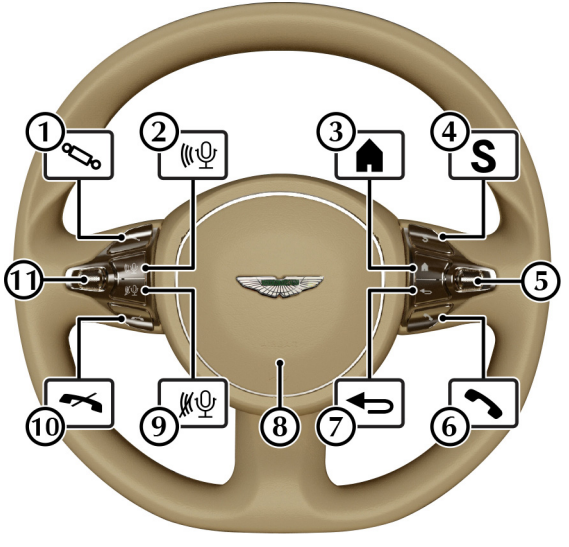
[5] BACK:



Press to go back a level in the menu.

What Are The Steering Wheel Controls?

Switches



[1] ADAPTIVE DAMPING:

Press to cycle adaptive damping modes (Refer to 'Adaptive Damping', page 5.13).

[2] START VOICE CONTROL:

Press to start voice control (Refer to 'Voice Control', page 4.16).

[3] MENU HOME:

Press to open the instrument cluster menu (Refer to 'Instrument Cluster Menu', page 4.13).

[4] DRIVE MODE:

Press to cycle between drive modes (Refer to 'Drive Modes', page 5.9).

[5] MENU SCROLL:

Roll the menu scroll wheel up or down to navigate the instrument cluster menu. Press the scroll wheel button to select an item in the menu (referred to in this handbook as ***OK***).

[6] CALL:

Press to answer an incoming call (Refer to 'Calls', page 7.5).

[7] MENU BACK:

Press to take the instrument cluster menu back one level.

[8] HORN:

Push to sound the vehicle horn.

[9] END VOICE CONTROL:

End voice control.

[10] END CALL:

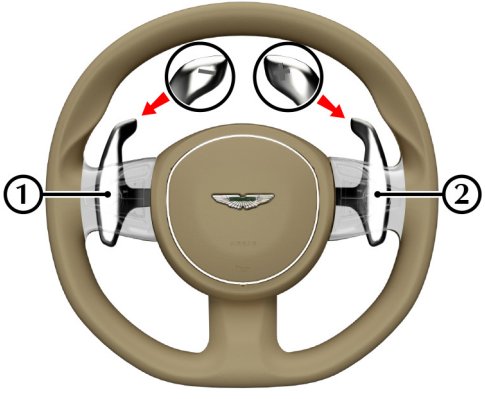
Press to end a call or reject an incoming call.

[11] VOLUME DIAL:

Roll the volume scroll wheel up or down to increase or decrease volume for the audio system, or volume during a phone call. Press the scroll wheel button to set sound to ON or OFF.

Transmission Paddles

Pull back on either paddle to enter *Touchtronic* mode (Refer to 'Touchtronic Controls', page 5.6).



[1] : Downshift Paddle

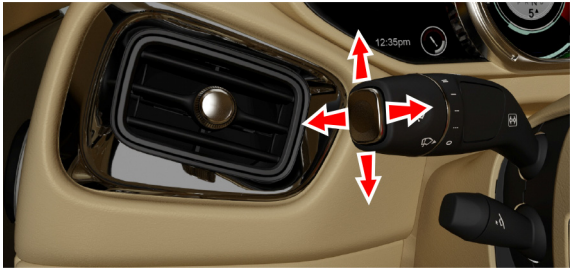
[2] : Upshift Paddle

Neutral is selected by pulling back both paddles together and releasing or by pressing (N) Neutral on the centre stack.

P (Park) and R (Reverse) are selected by using the centre stack mounted PRND buttons.

What Do The Stalks Control?

Indicators and Headlamp Beam



Main Beam

Push the stalk for main beam headlamps. Pull the stalk back to the initial position to return to dipped beam headlamps.

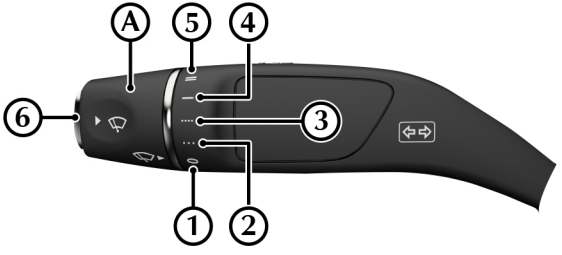
Flash Headlamps

Pull the stalk to flash the main beam headlamps.

Direction Indicators

Press up to indicate a right turn and down for a left turn. Press until the switch latches to hold the selected indicator on.

Wiper Controls



Rotate the wipe speed selector (A) to select a wipe speed.

[1] : Windshield wipers OFF

[2] : Intermittent wipe (low rain sensor sensitivity)

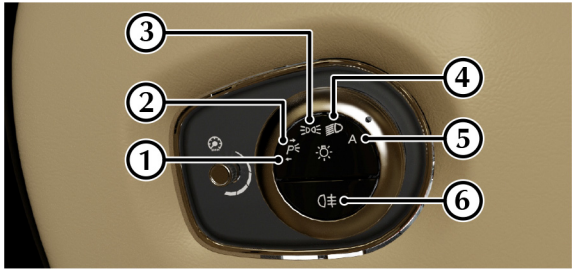
[3] : Intermittent wipe (high rain sensor sensitivity)

[4] : Continuous wipe (slow)

[5] : Continuous wipe (fast)

[6] : Single wipe. Press and hold to operate the front windshield washers.

How Do I Turn On The Exterior Lamps?



[1] : Left side park lamp

[2] : Right side park lamp

[3] : Side lamps (including number plate lamps)

[4] : Dipped beam headlamps

[5] : Automatic headlamp mode

[6] : Rear foglamp

How Do I Activate The Vehicle Bluetooth?

Bluetooth must be activate on both the vehicle and the mobile device to be used.

Before a Bluetooth device can be used with the vehicle Bluetooth, the vehicle's Bluetooth system must be set to ON.

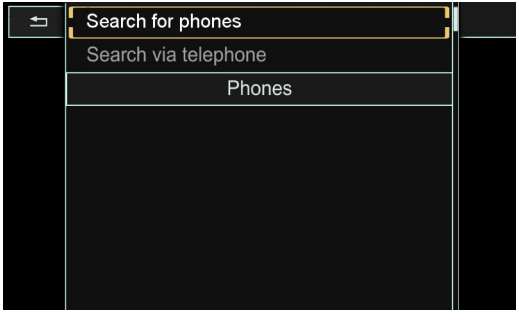
To set the vehicle Bluetooth system ON:

- Navigate to ***Vehicle*** on the main menu.
- Select ***System Settings***.
- Select ***Activate Bluetooth*** and set to ON.

How Do I Pair A Bluetooth Device

(Refer to 'Device Management', page 7.2)

To add a new device, select ***Tel*** from the main menu and navigate to ***Connect Device*** and select ***Search for Phones*** or ***Search via Telephone***.



Search for Phones

The mobile device must be set to discoverable mode. Refer to the mobile device manufacturers instructions.

Select ***Search for Phones*** to begin a search for discoverable phones. Select the required phone and press ***ENTER***. Follow the instructions shown on the phone and the infotainment display to pair the phone.

Search via Telephone

Select ***Search via Telephone*** to set the infotainment system to 'listen' for a mobile phone connection. 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 *AML Bluetooth* from the device list.

If AML Bluetooth does not show, check that Bluetooth is active in the infotainment system and search again

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

Completing Device Pairing

Once the mobile phone is paired it is ready for use with the vehicle hands-free system. The vehicle will also request access to call history, contact list and messages.

How Do I Pair A Bluetooth Audio Device

(Refer to 'Bluetooth Connection', page 8.16)

Bluetooth audio must be paired to the vehicle independently from the bluetooth hands free connection.

To select a Bluetooth audio device:

1. Make sure Bluetooth is activated on your device and in discoverable mode[1].
2. Select ***Bluetooth Audio*** as a media source.
3. In the ***Options*** menu, select ***Bluetooth Audio Devices***.
4. Select a Bluetooth enabled device from the list of devices.

   For new devices:
5. Select the device from the list to begin pairing.
6. A code will be shown on the infotainment display. If this code matches the code shown on the Bluetooth device select ***Yes*** to complete pairing.

   Select ***No*** to cancel pairing the Bluetooth device.

1. Refer to device manufacturers instructions.

How Do I Operate The Media System?



[1] DISC SLOT:

Slot to insert a CD or DVD disc.

[2] EJECT:



Press to eject disc.

[3] MEDIA:



Opens the ***Media*** screen (Refer to 'Media', page 8.9).
Opens the media source list if media screen is already open.

[4] VOLUME CONTROLS:



Press to increase and to decrease volume. Sliding a finger along the volume bar will also increase or decrease volume.

Volume can also be controlled by the left scroll wheel on the steering wheel.

[5] RADIO:



Open the ***Radio*** screen (Refer to 'Radio', page 8.5).
Opens the radio source list if media screen is already open.

[6] POWER:



Press to turn the infotainment system ON or OFF.

How Do I Change The Media Source?

Press MEDIA or select **Media** from the main menu with to show the available media sources. Rotate the ***CONTROL DIAL*** and press ***ENTER*** to select a media source.

Select from the following media sources:

- Disc
- Memory Card
- Media Register
- USB 1
- USB 2
- Bluetooth Audio

Alternatively, select a media source from *Devices*(Refer to 'Devices', page 8.15).

For formats that can be used (Refer to 'Media File Systems and Formats', page 8.11).

What Can I Listen To?

Radio

(Refer to 'Radio', page 8.5)

Press RADIO on the centre stack or select ***Radio*** from the main menu.

-
- FM Radio
- SiriusXM Radio
- AM Radio[1]
- Radio Presets

Rotate the ***CONTROL DIAL*** to select a radio source and press ***ENTER***

1. MW frequencies only.

Selecting a station from the display screen

The display screen shows available stations that can be played.

Rotate the ***CONTROL DIAL*** with the centre display highlighted to select a radio station.

Selecting a station from the current stations list

Press ***ENTER*** with the centre display highlighted to open the current stations list.

Rotate the ***CONTROL DIAL*** to select a radio station and press ***ENTER***.

Portable Media Audio

Press MEDIA on the centre stack or select ***Media*** from the main menu to open the media *Now Playing* screen.

The *Now Playing* screen shows track information such as album art, artist and album name on the left side of the screen along with track play time and track number. Media source device and track name are shown on the right side of the screen.

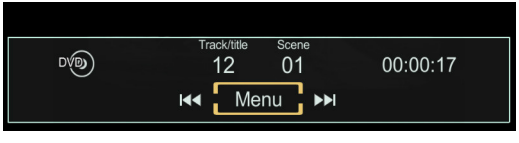
What Can I Watch?

Portable Media Video

Video files from portable media can also be supported with the infotainment system. In the *Now Playing* screen, highlight the view window area and press ***ENTER***.

DVD Video Media

The *Now Playing* screen initially shows video in full screen mode. Press ***ENTER*** to bring up the basic DVD information bar which shows media source, track/title number, scene number and play time.



Press ***ENTER*** on ***Menu*** to show the upper and lower information bars. Media playback will continue.

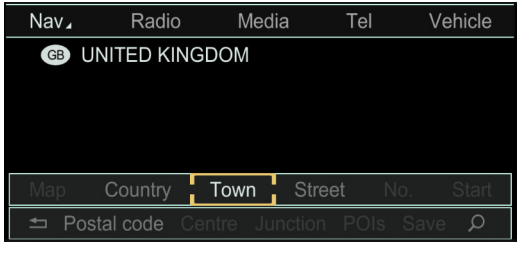
To return to full screen display, push up or down on the ***CONTROL DIAL*** to highlight the display area and press ***ENTER*** on the full screen symbol .

How Do I Set A Navigation Destination?

(Refer to 'Destination', page 9.9)

Press NAV or Select ***Nav*** to open the *Navigation* screen.

Select ***Destination*** from the lower information bar and select ***Address Entry***.



Enter a destination in the *Address Entry* screen and select **Start** to begin navigation.

Vehicle Security

Vehicle Key 2.2
Unlocking and Opening 2.5
Emergency Access and Start 2.9
Anti-Theft Systems 2.13
Garage Door Opener 2.15

Vehicle Key

The vehicle is supplied with three vehicle keys; Two primary keys and an emergency key.

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

⚠ Warning: The engine can be started by any person in the vehicle if the brake pedal is pressed down and the start button is pressed. Care should be taken that the vehicle key is not left in the vehicle with only occupants such as young children or pets inside.

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

If the vehicle key is not in the vehicle, the message 'Key Not Found' will be displayed in the instrument cluster when trying to start the vehicle. This message will also be displayed if the vehicle key battery does not have enough charge to be detected by the keyless start system.

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

FCC - Radio Frequency Devices

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

Vehicle Key Functions



[1] LOCK: Press and release to lock the vehicle and arm the security system.

[2] UNLOCK: Press and release to unlock either the driver's door or the vehicle (Refer to 'One Step Unlocking', page 2.3).

[3] DECK LID OPEN: Press and hold to release the deck lid catch.

Global Close

You must be within 2m of the vehicle to operate Global Close.

Press and hold to unlock all vehicle doors and open all windows.

Press and hold to lock all doors and close all windows.

One Step Unlocking

The vehicle key can be set to either unlock only the drivers door on a single press of or all vehicle doors.

To cycle between single door unlock and full unlock, press and hold and at the same time for 6 seconds.

If the vehicle is set to only open the driver's door, a second press of will open all vehicle doors.

Lock operation of the fuel filler flap is not affected.

One step Unlocking can only be set using the vehicle key.

Vehicle Key Battery

Battery Power Conservation

Keyless Go can be deactivated to conserve battery power in the vehicle key.

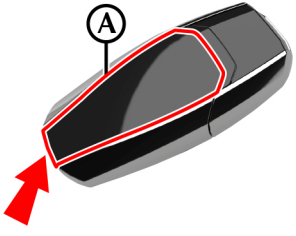
To deactivate Keyless Go, double tap .

To activate Keyless Go, press any button on the vehicle key or insert the vehicle key into the emergency ignition switch.

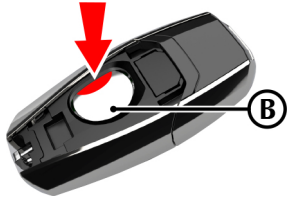
Battery Replacement

To replace the vehicle key's battery:

1. Lift the battery cover (A).



2. Push down on the battery to tilt the battery (B) and allow access.



3. Remove the battery and install the new battery with the (+) sign facing up.

The vehicle key uses a CR2025 3V battery.

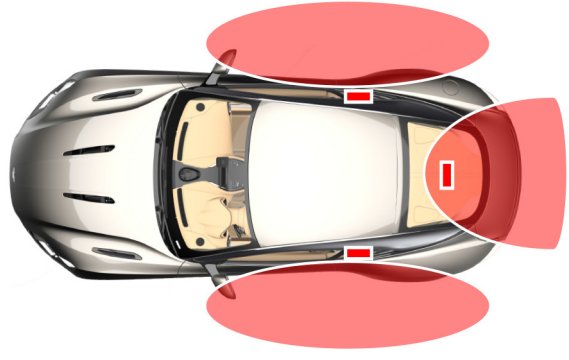
4. Replace the battery cover.

Keyless Start Failure

If the vehicle does not start because the charge vehicle key battery is too low use the emergency start procedure (Refer to 'Emergency Engine Start', page 2.10).

Keyless Go Zones

The Keyless Go function for vehicle locking and ignition will operate when a vehicle key is in one of the below reception zones:



The vehicle key is only needed in one of the reception zones for Keyless Go. For example, the vehicle key can be in the rear reception zone and the passenger side door can be unlocked.

Unlocking From Outside the Vehicle

Using The Vehicle Key

Stand within 5 m of the vehicle, point the vehicle key towards the vehicle and press . To show that the security system has been disarmed, the direction indicators will flash twice. An audible confirmation can also be set in the vehicle settings (Refer to 'Vehicle Settings', page 10.2). All vehicle doors will unlock.

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

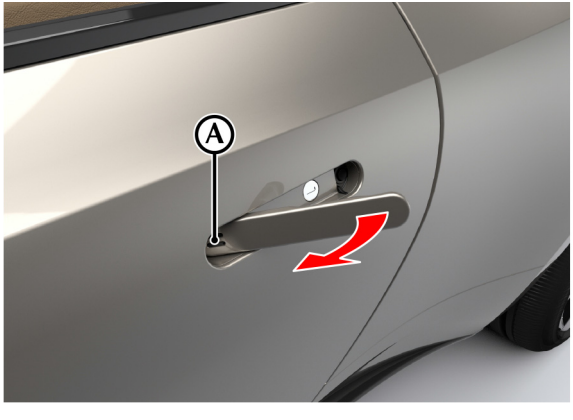
The driver's door can be set to unlock with the first press of the button and the rest of the vehicle with a second press (Refer to 'One Step Unlocking', page 2.3).

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. The door LEDs will go off after 40 seconds or if the vehicle is locked again.

Using Keyless Entry

To unlock the vehicle with Keyless-Go active, fully push at point (A) and grab the emerging door release. The front edge of the door handle will press a switch and search for the vehicle key signal. If the system recognizes a valid key signal, the door will unlock and open.

Keyless Entry can be set to only unlock the driver's door and fuel filler cap.



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

The interior lamps are automatically set to off when the engine is started.

Locking From Outside the Vehicle

Using The Vehicle Key

Close all the vehicle doors. Stand within 5m of the vehicle, point the vehicle key towards the vehicle and press [🔒]. The direction indicators will flash twice and all vehicle doors will lock.

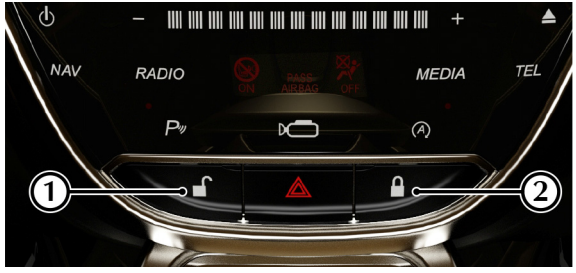
If [🔒] is pressed with the driver's door open, the vehicle will not lock until that door has been closed.

Using Keyless Entry

Close all the vehicle doors. Press the rear edge of the door handle to activate the lock switch.

Unlocking From Inside the Vehicle

Both doors can be locked and unlocked by using the master unlock [🔓] (1) and lock [🔒] (2) switches located on the centre stack.



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

If the vehicle is not locked using the vehicle key, the master lock switch will operate seven minutes after the ignition control has been turned off.

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

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

Easy Entry/Exit

⚠ The Easy Entry/Exit function could cause an occupant to become trapped and/or cause injury. Keep clear of the steering wheel when the Easy Entry/Exit function is used.

Easy Entry/Exit movement can be cancelled by moving the adjustment lever for the steering column or by selecting a memory position.

To aid entry and exit from the vehicle, the steering wheel can be set to move when the driver's door is opened.

Easy Entry/Exit can be set in the vehicle settings menu (Refer to 'Vehicle Settings', page 10.2).

Automatic Locking

If the vehicle is unlocked but a door is not opened within 40 seconds, the vehicle will automatically lock and arm again.

Deck Lid

Opening The Deck Lid Outside the Vehicle

Press and hold [⊸] (A) on the vehicle key to enable the release catch and lift the deck lid.



If the vehicle is locked when [⊸] is pressed, the doors will remain locked and the security system will still be armed.

Opening the Deck Lid Inside the Vehicle

Press and hold the deck lid release button (B). The deck lid catch will release. Lift the lid.



Hands-Free Access

⚠ Make sure there is sufficient clearance under the rear of the vehicle and that you stand on firm ground. It is possible you could lose your balance on some surfaces, such as on ice.

⚠ The vehicle exhaust system can become very hot. To prevent injury make sure you only move your foot in the detection range of the sensors .

! Do not touch the bumper when you move your foot to operate the system. If you do, you can cause damage the bumper.

The hands-free access system may not function correctly if there is a build-up of dirt, road salt or snow around the sensors.

It is possible the deck lid could be released unintentionally, such as when the rear bumper is being cleaned, or in an automatic car wash. Do not carry the vehicle key with you in such situations. This will prevent unintentional opening or closing of the trunk.

Hands-free access can be used to release the catch for the deck lid. To operate, quickly move your foot under the rear bumper.

For the hands-free access system to operate:

- The vehicle key must be in the rear Keyless Go detection area of the vehicle (Refer to 'Keyless Go Zones', page 2.4).
- The engine must not be running.

If the deck lid does not release after several attempts, wait at least ten seconds before you try again.

If you hold your foot under the bumper for too long, the deck lid will not release.

Closing the Deck Lid

Push the deck lid down and make sure that the catch engages. Once the catch engages, it automatically closes. If the deck lid is slammed shut, this is overridden.

If the vehicle key is left in the luggage compartment and the deck lid is closed, but the rest of the vehicle is locked, the latch will not engage. The key must be removed from the luggage compartment before the deck lid can be closed and latched.

Emergency Key

If the vehicle key fails to operate, or the vehicle battery is fully discharged, use the emergency key to lock or unlock the vehicle.

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

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



The emergency door lock is always in the door handle for the left side door.

Open the door handle and insert the emergency key in the door lock and turn clockwise. Only that door will be unlocked. 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 emergency ignition slot and move to position 'II' (ignition ON).

If the vehicle has lost power, the door may require extra effort to open due to the window not dropping down. If this does happen, gently press against the top of the window whilst opening the door.

Even if the vehicle key has lost all power it will start the engine when used in the emergency ignition slot.

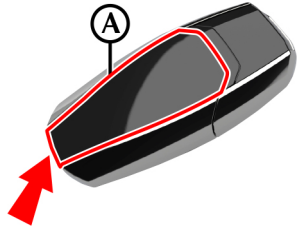
If the vehicle battery is fully discharged, the emergency key will only lock or unlock the left side door. The right side door can be unlocked from inside the vehicle, but unless power is supplied to the vehicle, that door cannot be locked again.

Emergency Engine Start

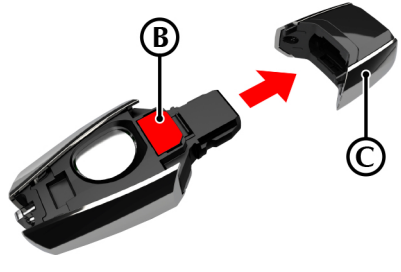
If the keyless start system fails to start the vehicle, the engine can be started using the emergency start system.

To start the engine:

1. Lift the battery cover (A).



2. Press the cap release button (B) and remove the key end cap (C).



If the keyless ignition system fails, contact your Aston Martin Dealer.

*If the emergency ignition is used to start the vehicle, the **START** button is disabled.*

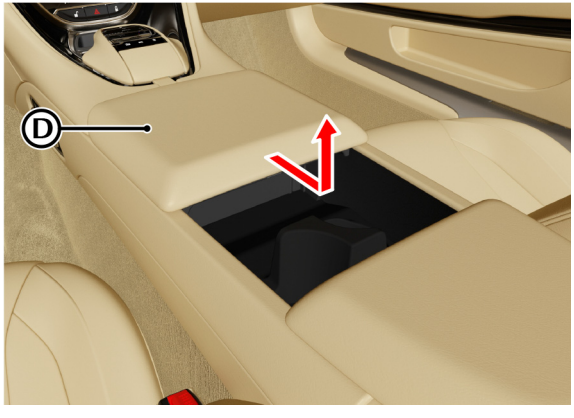
To turn the engine off, turn the key counter-clockwise in the emergency ignition slot.

Standard Armrest

1. Pull the armrest pad back at the point shown to release it from the centre console.



2. Remove the front armrest pad (D) by pulling back and then up.



3. Insert the key into the emergency ignition slot and turn the key clockwise to start the vehicle.



Optional Powered Armrest

1. Move the armrest back to at least position "1" (Refer to 'Powered Storage Box', page 3.29)to expose the cup holders and the emergency ignition cover.
2. Remove the emergency ignition cover (D).



3. Insert the key into the emergency ignition slot and turn the key clockwise to start the vehicle.



The powered arm rest switch will not be able to fully close when the vehicle key is in the emergency ignition slot.

Anti-Theft Systems

Introduction

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

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

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

Alarm

When the alarm has started a siren will be heard for a 25 seconds cycle (ten cycles maximum) and the direction indicators flash[1] for five minutes after which the security system returns to the armed state. The doors and trunk lid will stay locked throughout.

Stop the alarm at any time by pressing  on the vehicle key or setting the ignition control to position 'II' with the key in the vehicle. There is approximately a ten second delay before the alarm is stopped.

Engine Immobilizer

The engine immobilizer prevents your vehicle from being started without the correct key.

The immobilizer system is activated when the ignition is set to off and the driver's door is opened.

Always take the key with you when you lock the vehicle. The engine can be started if a valid key has been left inside the vehicle.

The immobilizer system is always deactivated when the engine is started.

Interior Motion Sensor

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

The interior motion sensor will activate 10 seconds after the vehicle is locked and all doors are closed, and the alarm will be set after a further 10 seconds of calibration.

All doors must be closed before the interior motion sensor can be activated.

The interior motion sensor can be set on or off in the vehicle settings menu (Refer to 'Vehicle Settings', page 10.2).

Tow Away Protection

When the vehicle is locked and armed a tilt sensor will sense if the vehicle is tilted or lifted. For example, if the vehicle is being raised on a jack or being towed. If the vehicle tilt sensor detects a tilt, the alarm will start.

Tow Away Protection will activate 60 seconds after the vehicle is locked and all doors are closed.

All doors, including the trunk lid, must be closed before tow away protection can be activated.

Tow away protection can be set to on or off in the vehicle settings menu (Refer to 'Vehicle Settings', page 10.2).

1. Markets where visible alarm signals and audible sirens are permitted.

Garage Door Opener

(Optional)

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

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

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

Toll-free: (0) 0800 046 635 465

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

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

Alternatively, contact your Aston Martin Dealer.

Warning: Do not use the transceiver with any garage door opening system that lacks the safety stop and reverse feature as required by safety standards. A garage door opening system which cannot detect an object, signalling the door to stop and reverse increases risk of serious injury or death.

Warning: When the transceiver is being programmed to a garage door opening system, make sure that people, the vehicle and objects are clear to prevent injury or damage as the garage door or gate will operate during the programming.

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

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

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

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

FCC Warning: This device complies with FCC rules part 15 and Industry Canada RSS-210. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference that may be received including interference that may cause undesired operation.

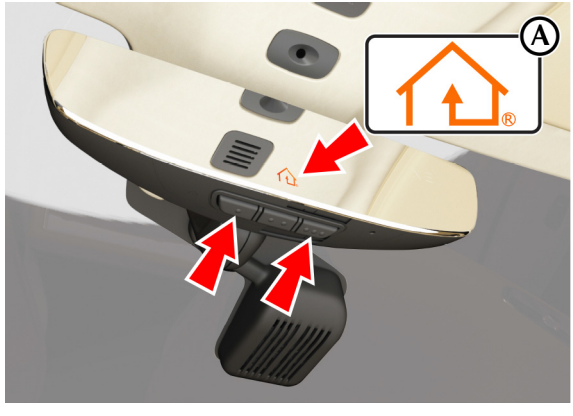
⚠ Warning: The transmitter has been tested and complies with FCC and IC rules. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End Users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must be at least 20 cm from the user and must not be co-located or operating in conjunction with any other antenna or transmitter. The term "IC:" before the certification/registration number only signifies that Industry Canada technical specifications were met.

Programming

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

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

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



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

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

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

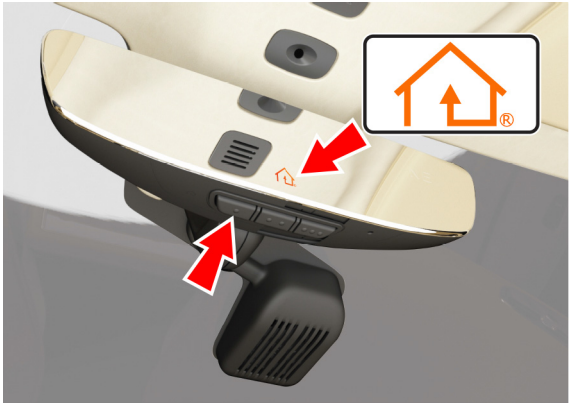


4. The LED will flash, first slowly and then rapidly to show successful programming of the new frequency signal. When the LED flashes rapidly, release both buttons.

Operation

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

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



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

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

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

Rolling Code Synchronisation

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

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

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

To synchronise for a rolling code:

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

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

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

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

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

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

Reprogramming

To program a HomeLink button to a new device:

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

Before Driving

Checks Before Driving....3.2
Seat Adjustment....3.2
Electric Windows....3.5
Mirrors....3.6
Steering Column....3.8
Memory Functions....3.8
Occupant Restraint System....3.10
Child Safety....3.17
Child Seat Installation....3.22
Cabin Storage....3.28
Accessory Sockets....3.31

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, wheel bolts and tires.
- Check that all windows, mirrors and lamps are clear and unobstructed.
- Check that the deck lid, hood and fuel filler flap are securely closed.
- Check the operation of all lamps.

Once Inside the Vehicle:

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

Seat Adjustment

Front seats only.

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

The front seats can be adjusted when the vehicle is at ignition position "I" (ignition on, engine off).

The front seats can also be adjusted:

- Up to six minutes after a door is unlocked and before the ignition is switched on.
- Up to six minutes after the ignition is switched off.

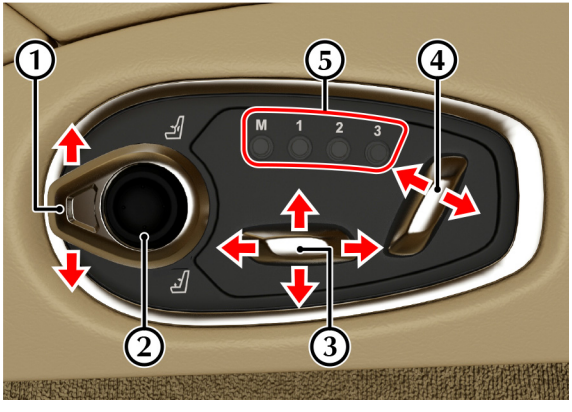
If the seat operation times out:

- Turn the ignition control on.
- Close or open a door.

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

Seat Controls

The ignition must be ON before the lumbar and bolster support[1] can be operated.



[1] LUMBAR/BOLSTER ADJUSTMENT SELECTOR SWITCH:

Press the switch up to select lumbar adjustment. Press down to select bolster adjustment[1].

[2] LUMBAR/BOLSTER ADJUSTMENT: Use the directional pad to adjust the position of the lumbar or bolster support[1].

[3] SEAT POSITION ADJUST: Seat forward/backward and height adjust. Raise front to tilt base of seat.

[4] SEAT BACKREST ADJUST: Seat back angle adjust.

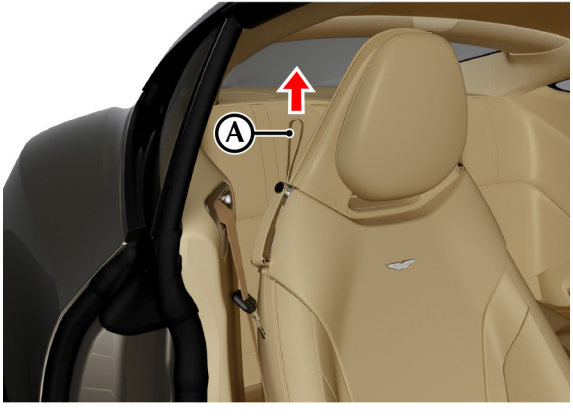
[5] MEMORY SEAT POSITIONS: Use to select or store memory positions for the seat, steering column and wing mirror positions (Refer to 'Memory Functions', page 3.8).

1. Optional

Seat Back Release

Make sure that the headrest for the front seat does not hit the front sun visor as this can damage the sun visor or the sun visor mirror.

Pull the release strap (A) to release the seat back. Pull and hold to move the rear of the seat forward.

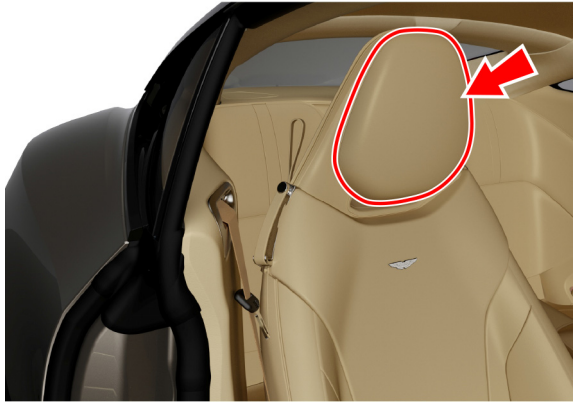


Push the rear of the seat into position to lock it in place.

A warning message will be shown in the instrument cluster if the seat is not correctly locked back into position.

Head Restraints

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



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 ignition is turned off.

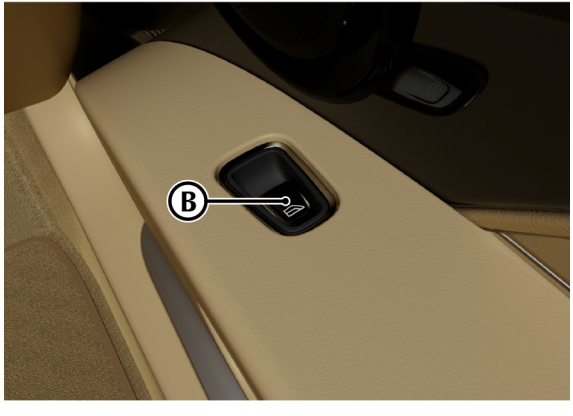
To raise and lower the windows the ignition must be at position 'I' or 'II'.

Press a window switch on the driver's side (A) or the passenger's side (B) to lower the window.



Press or pull past resistance on the window switch to perform a one-touch movement down or up.

Pull the window switch back to raise the window.



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

Door Sealing

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

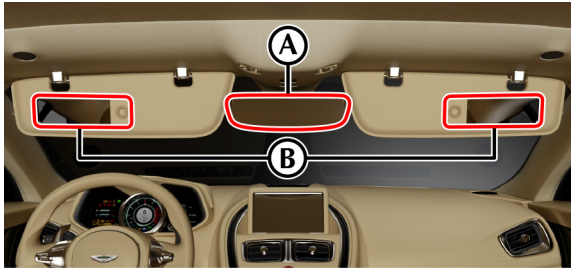
To minimize wind noise and to make sure that the window seal is watertight, a door sealing system is used to provide a tight fit of the door glass to the seals around the top of the door opening.

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

Window Anti-Trap

The door windows use an anti-trap mechanism to prevent accidental closure of a window on vulnerable parts of the body or other obstructions. When the window motor sense an obstruction, the window stops closing and then opens to release the obstruction.

Interior Mirrors



Automatic Dim

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

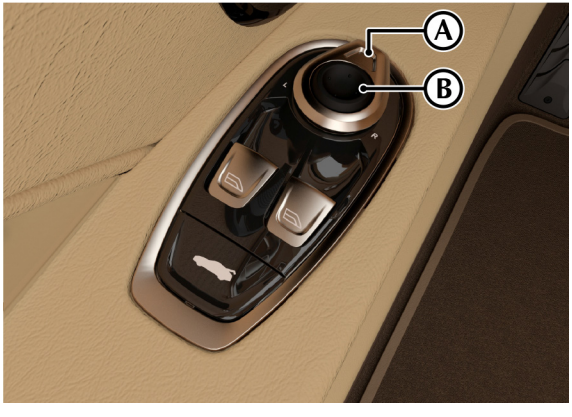
The rear view mirror will dim automatically if the glare from the headlamps of following vehicles becomes too bright. The mirror will return to normal view as unwanted glare reduces to an acceptable level.

Vanity Mirror

A vanity mirror (B) is located in each sun visor. Fold the sun visor down and slide the cover to view the mirror.

Exterior Mirrors

To adjust the exterior mirrors press the mirror switch (A) left or right to select a side to adjust. Move the direction pad (B) up, down, left or right to adjust the selected mirror.



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

Heated Mirrors

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

Mirror Fold

To fold the mirrors, press and hold the mirror switch (A) to the left or right.

Auto-Fold

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

This function can be enabled or disabled in the systems settings menu (Refer to 'Vehicle Settings', page 10.2).

Memory Function

The position of the exterior mirrors is stored when a seating position is saved for the driver's seat (Refer to 'Vehicle Settings', page 10.2).

Reverse Dip Function

To set a position for the reverse dip mirror, use the mirror switch to set a position for the passenger side mirror with reverse gear selected. The mirror will now move to the position when reverse gear is selected, if the driver's side mirror is not selected. If the driver's side mirror is selected the mirror will not move. Select the passenger side mirror to dip the passenger side mirror.

Steering Column

⚠ Warning: Do not adjust steering wheel whilst driving.

📖 The steering column can be adjusted with the ignition set to OFF.

The reach and tilt angle of the steering column are adjusted by using the adjustment lever. Push the release lever down or up to adjust the steering column angle. Pull the lever towards you to bring the steering wheel closer and away to move the steering wheel back.



Memory Function

The position of the steering column is stored when a seating position is saved for the driver's seat (Refer to ’Memory Functions’, page 3.8).

Memory Functions

⚠ Warning: Make sure that there is nothing in the movement path of the seat or the steering column during adjustment that could cause obstruction.

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

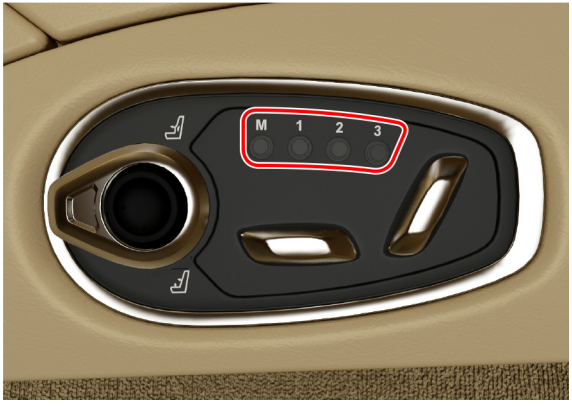
⚠ Warning: If the seat or steering column accidentally begin to move, press any seat control button to stop the seat.

📖 Lumbar and Bolster positions are not recorded when memory positions are saved.

The position of the driver and front passenger seats, steering column and exterior mirrors can be memorized and recalled.

Three different driving position profiles can be entered in the memory. The memory position of the steering column and both door rear view mirrors are saved in the driver’s seat position.

Setting a Memory Position



Driver's Seat

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

Adjust the seat, steering column and the door rear view mirrors to the desired position. Push the memory button (M), then press the required memory channel (1, 2 or 3) to save the positions. A chime is heard and a message will show in the message centre to confirm. By repeating these steps and pressing an unused button, a second and third driving position can be saved in the memory.

Front Passenger's Seat

Adjust the seat to the desired position. Push the memory button (M), then press the required memory channel (1, 2 or 3) to save the positions. By repeating these steps and pressing an unused button, a second and third seating position can be stored in the memory.

Recalling a Memory Position

Once in the seat press and hold button 1, 2 or 3 (depending on which saved channel is required) until all movement is stopped. The seat will move to the saved position.

Seat and steering wheel movement will be interrupted if the memory channel button is released. Exterior mirror movement will continue. Press and hold the memory channel button to complete seat and steering wheel movement.

Emergency Stop

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

Occupant Restraint System

The system provides protection to the driver and all passengers in a variety of impact conditions.

The system consists of:

- Driver and front passenger safety belts with dual pre-tensioners and load limiting systems.
- Driver and front passenger dual-stage airbags.
- Driver and front passenger seat side airbags.
- Driver and front passenger roof mounted curtain airbag.
- Driver and front passenger knee bolster airbags.

All of these systems are controlled by the Occupant Restraint Controller (ORC). In a collision the ORC will analyse information from various sensors, such as crash and seat occupancy conditions. Based on this information the system will deploy the appropriate safety devices. During a crash, the ORC may or may not operate the safety belt pre-tensioner(s) and none, one, or both stages of the dual-stage airbag supplemental restraints.

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

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

Determining if the System is Operational

The ORC warning symbol is shown in the instrument cluster  to give the condition of the system. A fault 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.
- A message will show in the right side instrument cluster window with a description of the fault.

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.

Seat Belts

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

⚠ Warning: Seat belts are designed for adults; infants and smaller children must be restrained in an approved child safety seat.

⚠ 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.

⚠ Warning: If it is necessary to replace a seat belt on this vehicle then it MUST be replaced with an approved seat belt. The approved seat belts for the front seats must also include a load limiting system.

Pre-tensioner and Load Limiting

Front seat belts are equipped with dual pre-tensioners 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



The seat belt reminder 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. (Market dependent.)

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.

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.



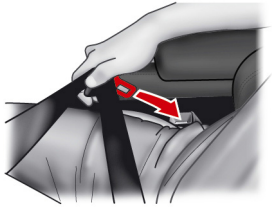
The inertia belt reels will automatically tension the belts to provide security with comfort. In the event of a collision or during severe braking, the belt reels will lock.

To test the locking function of the retractor, quickly pull the seat belt forward. If the seat belt does not lock, consult your Aston Martin dealer

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



Push the buckle 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.

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

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



Seat Belt Unfastening

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



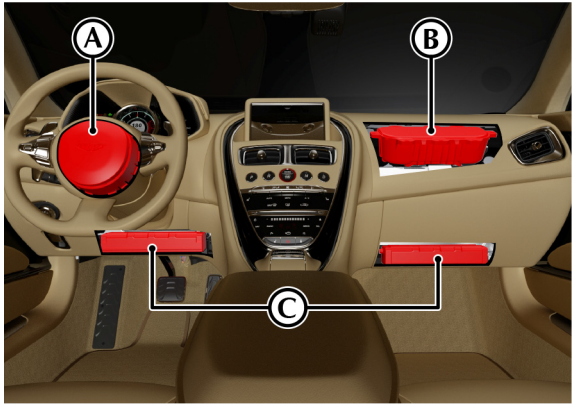
⚠ Warning: Do not allow the belt to twist, or be looped, frayed or obstructed in any way when the seat belt is retracted back into its stowage position.

Airbags

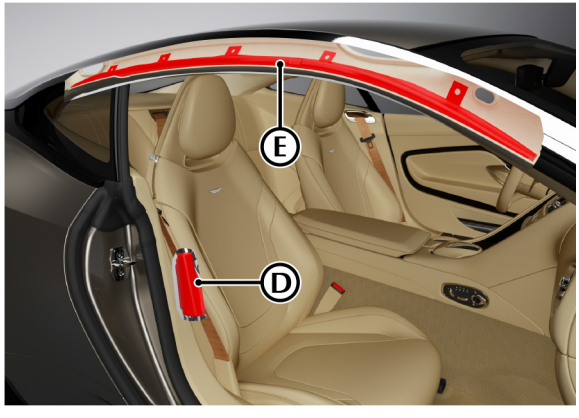
The purpose of the airbags is to provide additional protection for the driver and passengers in the event of a serious impact (front or side impacts). The airbags are supplementary to the seat belts.

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.

The front driver's (A), passenger (B) and knee bolster airbag (C) only deploy in a serious front collision.



The side airbags (D) located in the front seats and the curtain airbag (E) located in the roof trim, only deploy according to which side has been impacted in a serious side collision.



Airbag Deployment

⚠ Warning: The use of accessory seat covers may prevent the deployment of the seat 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, or placed on, 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.

📖 *The airbag system is not designed to protect against rear impacts.*

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.

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.

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

Aston Martin Strongly Recommends:

- **That all children are sat in the rear passenger seats.**
- **Always use the Child Restraint Anchorage System (CRAS) where available.**
- **Only one child seat be installed to the passenger side of the vehicle at any time.**
- **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:

- Front passenger seat with Occupant Classification System (OCS) (Refer to 'Occupant Classification System', page 3.18)and top tether.
- Rear seat Child Restraint Anchorage System (CRAS) (Refer to 'Rear Child Seat Installation', page 3.24).
- Passenger seat Automatic Locking Retractor (ALR) seat belts.

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; 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.

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.

Warning labels are located on both driver and passenger sun visors and on the passenger end of the instrument panel.





[A] : US Variant

[B] : Canada Variant

Occupant Classification System

The Occupant Classification System (OCS) is part of Occupant restraints Control (ORC) System and operates in addition to the restraints system. OCS is designed to meet the regulatory requirements of Federal Motor Vehicle Safety Standard (FMVSS) 208 to set the front passenger airbag to OFF under certain conditions.

OCS uses capacitive measurement to differentiate between adults, occupied small (1 year old or younger) child restraint seats, and empty seats. Capacitive measurement is not weight sensitive and depends on chemical and physical features to determine if an object or a person is in the passenger seat. This information is then sent to the ORC module.

If OCS determines an adult is in the passenger seat, the passenger airbag will be active.

If OCS determines there is a child restraint seats (CRS) present, or the seat is empty, the passenger airbag will be automatically switched off.

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

If the front passenger seat is occupied by an adult, the PASS AIRBAG status symbol will be set to 

(A).

The passenger airbag will be set to off if:

- The front passenger seat is unoccupied.
- The measured capacitance is less than that of a typical 1 (one) year old infant and any CRS listed in FMVSS 208

If the airbag is set to off, the PASS AIRBAG status symbol will also be set to  (B).



Passenger Seat	Airbag	PASS AIRBAG STATUS SYMBOL
Empty	Off	
Child + Child Seat	Off	
Adult	On	

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

Warnings

⚠ Warning: Important OCS components, such as the capacitive sensor and control unit, are installed in the front passenger seat. Suitable precautions must be take to prevent these components from being damaged. Any damage to the seat trim, such as cuts that have penetrated the trim material, must be inspected by an Aston Martin Dealer. The system must also be checked for corrected functionality. depending on the level of damage, OCS components may require replacement and the system checked again. OCS functionality cannot be warranted if the seat is damaged.

⚠ Warning: To prevent damage to the OCS and other seat components, do not kneel on, or apply concentrated pressure to, the front seats. Do not put sharp items on the seats.

⚠ Warning: Never remove the front passenger seat from the vehicle or remove the seat trim. Never dismantle, remove parts off the seat or disconnect wires from the seat. Any incorrect repair or disassembly of the front passenger seat can prevent the OCS from functioning correctly.

⚠ Warning: Do not install any additional seat accessories, such as beaded trims or padding, or use cushions, blankets or similar items on the front passenger seat. Additional items such as these may increase the distance between passenger and seat and cause a the OCS to incorrectly classify the occupant and give incorrect airbag functionality.

⚠ *Warning: Use only approved cleaning materials to clean the vehicle interior surfaces. Solvents or other incorrect cleaning products on the surface where the sensor is located (under the leather of the cushion) can damage the sensor.*

⚠ *Warning: Spilt water or steam cleaning the seat can cause the OCS to incorrectly classify a seat occupant. Wait for the seat to dry completely before use. Make sure that there are no wet objects (such as wet towels), water or other liquids on the front passenger seat cushion.*

⚠ *Warning: Do not place objects on the front passenger seat. The capacitive sensor is not a weight sensor, but increased weight on the seat can cause the trim to become thinner and increase capacity can increase. Objects on the front passenger seat can cause the OCS to incorrectly classify a seat occupant and give incorrect airbag functionality. Always check the airbag status lamp.*

⚠ *Warning: Do not charge electrical devices on the passenger seat. This can cause the OCS to incorrectly classify the capacitance as a seat occupant and give incorrect airbag functionality. Always check the airbag status lamp.*

⚠ *Warning: Do not put shopping bags on the passenger seat. A large amount of liquid, such as bottled water, can cause the OCS to incorrectly classify the capacitance as a seat occupant and give incorrect airbag functionality. Always check the airbag status lamp.*

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

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

⚠ *Warning: Do not hang objects off the front seat backrest if a child is in the front passenger seat.*

⚠ *Warning: Always check the PASS AIRBAG status symbol for correct airbag status.*

⚠ *Warning: Any alteration or modification to the front passenger seat may affect the performance of the OCS.*

Seating Position

⚠ Warning: Always sit upright against the seat backrest and with both feet on the floor. If you do not sit correctly or with the seat backrest reclined too far this can alter the capacitance read by the OCS and affect the functionality of the front passenger sensing system, resulting in serious injury or death in a crash.

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

If a person of adult size is sitting in the front passenger's seat and the PASS AIRBAG symbol is 

, it is possible that the person is not sitting correctly in the seat.

If this happens:

1. Set the ignition to off. Ask the person to place the seat backrest in the full upright position.
2. Have the person sit upright in the seat, centred on the seat cushion, with the person's legs comfortably extended.
3. Start the engine and have the person stay in this position for about two minutes. This will let the system detect that person and set the passenger's front airbag to on.
4. If the PASS AIRBAG symbol stays 

even after this, the person should be advised to sit in a rear seat. (If available)

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

If the PASS AIRBAG symbol stays 

, this may or may not be a problem due to the front passenger sensing system.

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

Child Seat Installation

Top Tether Information

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

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

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

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

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

Your vehicle has a tether anchor point for the front seat and both rear passenger seats.

Front Child Seat Installation

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

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

⚠ Warning: All child restraint systems are designed to be secured in vehicle seats by the lap and shoulder belt portion of a safety belt. Children could be endangered in a crash if their child restraints are not properly secured in the vehicle.

The Automatic Locking Retractor (ALR) system is designed to securely hold child seats. The ALR system temporarily locks a 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 per the child seat manufacturer instructions. Engage the tongue into the belt buckle.

Adjust the tongue position on the belt 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.

Front Passenger Seat Installation

To install a child seat to the front seat using the seat belt, use the procedure that follows:

1. Move the passenger seat to its fully rearward and highest position. Lower the front of the seat cushion to its lowest position.
2. Recline the back of the seat as necessary.
3. Follow the child seat manufacturers instructions and install the child seat into the passenger seat.
4. Raise the seat back until the child seat is supported by the back of the passenger seat.

⚠ Warning: If the Occupant Classification System (OCS) does not set the passenger airbag to OFF, the passenger airbag will be active. Never use a child seat in the front passenger seat with the passenger airbag active.

5. Confirm the OCS has set the passenger airbag to OFF (Refer to 'Occupant Classification System', page 3.18).

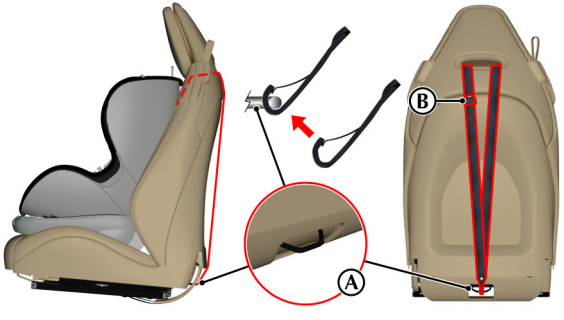
   If  stays ON even after this, install the child seat to a rear seat (if possible).
6. Install the top tether to secure the child seat.

Top Tether

The tether anchor point for the passenger seat is located at the rear base of the passenger seat. Move the seat forward to access the tether anchor point. Route the tether strap through the opening in the seat back as shown.

Engage the tether clip to the anchor point at the bottom of the passenger seat back (A) and make sure that the locking spring has fully closed to prevent accidental disengagement. Always make sure that the tether strap length is adjusted to remove any slack.

The tether anchor adjuster (B) must go through the opening. Any adjustment must be made from the rear of the seat.



Rear Child Seat Installation

The rear seats for this vehicle use a Child Restraint Anchor System (CRAS). CRAS consists of both lower fixing anchors and a top tether to safely secure a child seat into a vehicle seat.

⚠ Warning: An unsecured child seat is dangerous. In a sudden stop or a collision it could move, causing serious injury or death to the child or other passengers. Make sure the child seat is correctly secured in place according to the manufacturer's instructions.

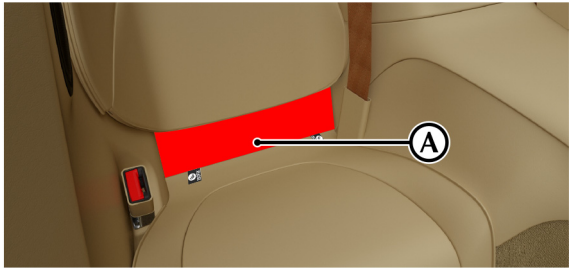
⚠ Warning: When installing the child seat, make sure that there are no seat belts or foreign objects near or around the CRAS anchors. If seat belts or a foreign object prevents the child seat from being securely attached to the CRAS anchors, the child seat could move in a sudden stop or collision causing serious injury or death to the child or other passengers.

⚠ Warning: The child seat top tether must always be used when installing a child seat with CRAS anchors.

This CRAS anchors are located between the seat base and the seat back. The position of the anchors is shown by two tags at the base of each rear seat.



Remove the lower seat back panel (A).



The seat back trim panels are left and right handed.

Following the child seat manufacturer's instructions to secure the child seat using the CRAS anchors (B).



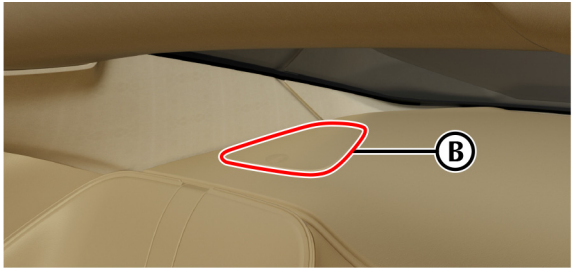
Top Tether

The tether anchor point for the rear passenger seat is located behind the top of the rear seats. The covers for the anchors are embossed with the tether anchor symbol.

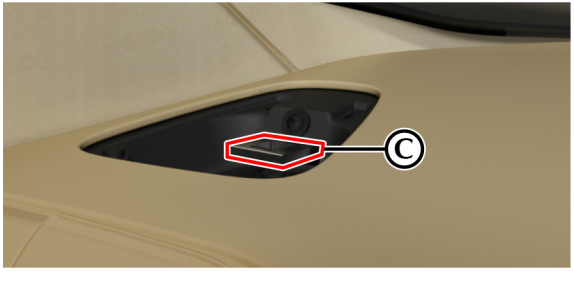


Push down on the front of the cover for the tether anchor to release the spring clip.

Remove the cover for the tether anchor (B)



Engage the tether clip to the anchor point at the top of the parcel shelf (C) and make sure that the locking spring has fully closed to prevent accidental disengagement. Always make sure that the tether strap length is adjusted to remove any slack.



To refit the cover for the tether anchor, insert the two tabs into the slots. Push down on the front of the cover to lock.

Front Passenger Seat Position

When a child seat is installed to the rear seat using CRAS, you must move the seat directly in front of the child seat depending on the size seat being installed.

1. Move the back of the seat directly in front of the child seat to its fully forward and lowest position.



2. Move the base of the seat to its highest position.



3. Adjust the back of the seat to it's fully forward position.

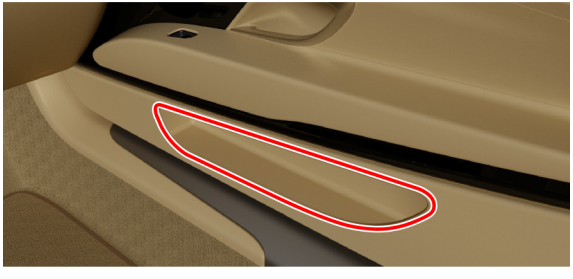


Cabin Storage

Door Pockets

Both front doors have door pockets.

Do not use the door pocket to store items that could easily fall out when the door is opened, such as mobile phones or wallets.



Front Trinket Tray

There is a small trinket tray below the centre console for small item storage.

Do not store any items in the trinket tray that may cover the hazard warning switch.



Powered Storage Box

(Optional)

Pull the storage box switch (A) back to move the arm rest back from position 0 (closed) to position 1 (cup holders) or position 2 (storage tray)



Position 1 (Cup Holders)

Position 1 for the powered storage box gives access to a storage tray with two cup holders. Press to open and close the cup holders.

This position also gives access to emergency ignition switch (Refer to 'Emergency Engine Start', page 2.10).



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

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

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

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

Position 2 (Storage Tray)

Position 2 for the powered storage box gives access to a large storage area, as well as an SD card port, two USB ports and a 12V accessory power socket.



Accessory Sockets

⚠ Warning: Damage to electrical circuits will result if more than 10 amps is drawn from the accessory socket. Only connect accessories which are designed for use in a motor vehicle.

! 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 the vehicle engine is set to OFF will discharge the battery.

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

There is an accessory socket located in the front storage tray in the cabin. They may be used to power any 12 volt vehicle accessory requiring a current of less than 10 amps.

Ashtray and Cigar Lighter

(Optional)

⚠ Warning: The cigar lighter 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 ignition is in 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.



ASTON MARTIN

Controls

Instrument Display 4.2
Centre Stack Controls 4.5
Steering Wheel Controls 4.12
Instrument Cluster Menu 4.13
Voice Control 4.16
Wiper Controls 4.17
Lighting Controls 4.18

Information and Warnings

The left instrument display is used to provide warnings and important information for the running of the vehicle.



[1] ELECTRIC PARK BRAKE (EPB) MALFUNCTION:

This symbol shows if there is a fault with the electronic park brake. A warning message will also show in the right instrument cluster window. Contact your Aston Martin Dealer as soon as possible.

[2] PARK:

This symbol shows when the electric park brake is applied and goes off when the electric park brake is fully released

[3] BULB FAILURE:

Shows when a bulb has failed. Consult your Aston Martin Dealer to replace the bulb.

[4] SEAT BELT REMINDER:

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

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

1. Market dependant

[5] OCCUPANT RESTRAINT CONTROL (ORC) WARNING LIGHT:



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

At Ignition position I or II this symbol will briefly come on to do a systems test and then turn off. If it does not come on, or if it comes on and stays on, or if it comes on whilst driving, the restraint system has detected a fault.

[6] ELECTRIC POWER ASSISTED STEERING (EPAS):



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

This symbol shows there is a fault with the EPAS system. Consult your Aston Martin Dealer as soon as possible.

[7] MALFUNCTION INDICATION LAMP:



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.

[8] TIRE PRESSURE:



If this symbol stays on or comes on while driving, a tire or tires' air pressure is below specification

[9] ELECTRONIC STABILITY PROGRAM (ESP) :



When ESP is on this symbol will flash when the ESP is operating. If, while ESP is on, the ESP symbol stays on or it comes on whilst driving, the ESP system has detected a fault. A ESP fault message will show in the message centre. Consult your Aston Martin Dealer as soon as possible

[10] ABS:



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

At Ignition position I or II this symbol will briefly come on to do a systems test and then turn off. 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.

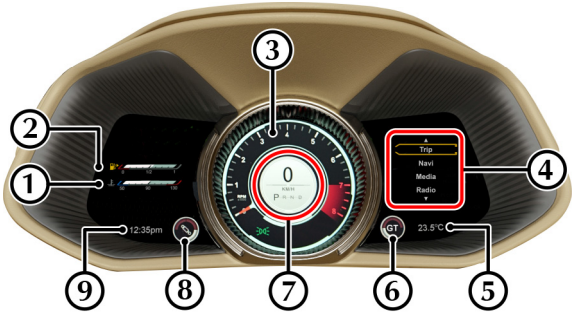
[11] BRAKE WARNING  or 

:

(Symbols is market dependant)

If either symbol stays on, there may be a fault with the braking system (Refer to 'Brake Warnings', page 5.15).

Instrument Cluster Overview



[1] ENGINE COOLANT TEMPERATURE GAUGE:

Shows the engine coolant temperature.

[2] FUEL GAUGE:

Shows how much fuel is left in the fuel tank (Refer to 'Fuel Level Warnings', page 11.57).

[3] TACHOMETER:

Shows the engine speed in revolutions per minute x 1000.

Changes to speedometer when cruise control is set.

[4] INSTRUMENT CLUSTER MENU:

Shows an auxiliary screen for a number of vehicle functions (Refer to 'Instrument Cluster Menu', page 4.13).

Warning messages will also appear in the right side of the instrument cluster.

[5] OUTSIDE TEMPERATURE:

Shows the outside temperature.

[6] DRIVE MODE SETTING:

Shows which drive mode the vehicle is in (Refer to 'Drive Modes', page 5.9).

[7] COMBINED SPEEDOMETER AND GEAR INDICATOR:

Central gauge that displays vehicle speed and the current selected gear.

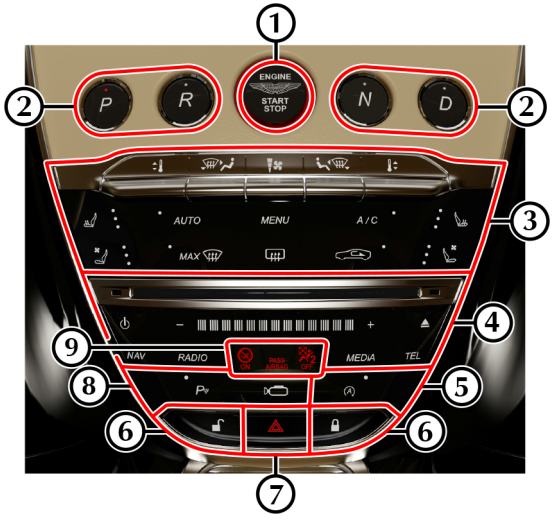
[8] ADAPTIVE DAMPING SYSTEM (ADS) SETTING:

Shows which ADS mode the vehicle is in (Refer to 'Adaptive Damping', page 5.13).

[9] CLOCK:

Shows the time.

Centre Stack Controls



[1] ENGINE START/STOP:

Press to start or stop the engine.

[2] TRANSMISSION CONTROL BUTTONS:

P (Park), R (Reverse), N (Neutral) and D (Drive) controls.

[3] HEATING AND COOLING CONTROLS:

Controls to operate the heating and ventilation controls (Refer to 'Centre Stack Climate Controls', page 6.2).

[4] INFOTAINMENT CONTROLS:

Press to operate media controls (Refer to 'Multimedia Controls', page 8.4), hands-free phone system (Refer to 'Hands-Free Controls', page 7.2)and satellite navigation (Refer to 'Navigation Controls', page 9.2).

[5] STOP/START FUNCTION:

Press to turn stop/start function on or off (Refer to 'Stop/Start', page 5.24).

[6] MASTER LOCK SWITCHES:

Press to lock or unlock the vehicle (Refer to 'Unlocking From Inside the Vehicle', page 2.6).

[7] HAZARD WARNING SWITCH:

Press to set the hazard warning lamps to ON or OFF.

[8] PARK ASSIST FUNCTIONS:

Press to activate the park distance control sensors or the vehicle camera system (Refer to 'Park Assist Systems', page 5.26).

[9] PASSENGER AIRBAG STATUS (MARKET DEPENDENT):

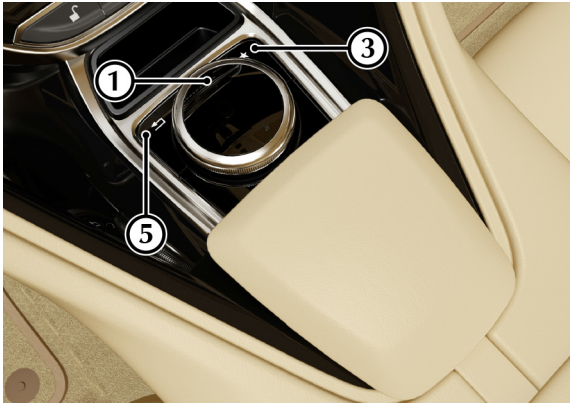
Indicator to show if the passenger airbag is active or not.

Audible Centre Stack Feedback

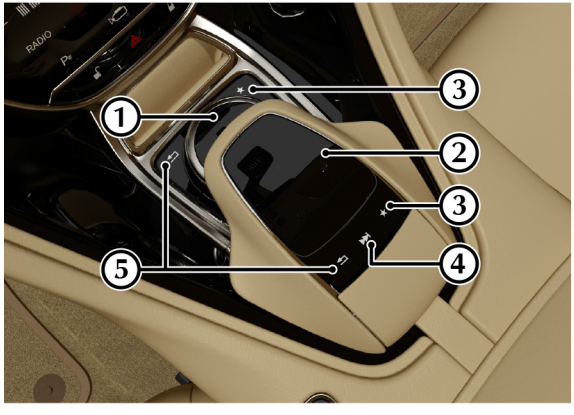
To turn the audible feedback for the centre stack ON or OFF, press and hold anywhere on the volume slider. A tone will be given to confirm the change.

Control Dial

Control Dial



Control Dial with Touch Pad



[1] CONTROL DIAL:

Use to navigate through menus in the infotainment system. Press down to confirm a selection (referred to as ***ENTER*** throughout this handbook).

[2] TOUCH PAD: (Optional)

Touch sensitive pad which can be used to navigate menus in the infotainment system. Press down to confirm a selection (referred to as ***ENTER*** throughout this manual). The touch pad can also be used for handwriting recognition.

[3] FAVOURITE:



Press to view items on your favourites list. Press and hold to add the current menu item to the favourite list.

[4] QUICK ACCESS MENU: (Touch Pad only)



Press to access the quick access menu.

[5] BACK:



Press to go back a level in the menu.

Touch Pad

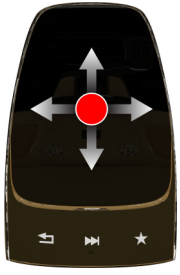
(Optional)

Touch Pad ON/OFF

To activate the ***TOUCH PAD*** navigate to the *Vehicle Settings* menu and open the *System Settings* menu (Refer to 'System Settings', page 10.3). Select ***Activate Touch Pad*** to activate the ***TOUCH PAD***.

Menu Navigation

The touch pad can be used to mirror the functions of the joystick to navigate menu systems. For example, where an instruction in this handbook states to scroll left with the ***CONTROL DIAL***, you can swipe left on the ***TOUCH PAD***.

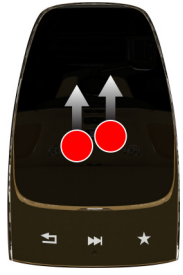


To press ***ENTER*** press down on the surface of the ***TOUCH PAD***.



Quick Access Menu

To open the ***Quick Access*** menu for audio and telephone, use two fingers and swipe upwards on the ***TOUCH PAD*** surface or press the ***QUICK ACCESS*** button.

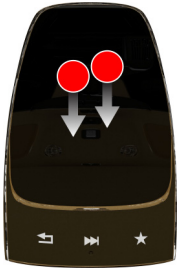


The ***Quick Access*** menu will then show an overview window[1] of either:

- Radio
- Media
- Telephone entry

1. The window will show the last system used.

Use two fingers and swipe down on the ***TOUCH PAD*** surface or press the ***QUICK ACCESS*** button again to close the ***Quick Access*** menu.



Rotary Controls

The touch pad can also be used to operate rotation controls such as equaliser settings or 3D map rotation. Use two fingers to touch the ***TOUCH PAD*** and rotate either clockwise or counter-clockwise.



Image Pan

To pan an image such as the map, press the ***TOUCH PAD*** surface, until the crosshair is shown and swipe in the direction you which to pan.

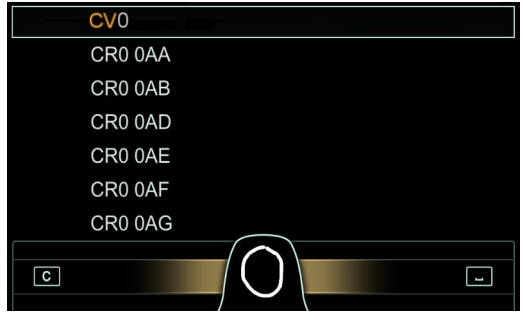
Image Zoom

To zoom in and out of an image such as the map, use two fingers to touch the ***TOUCH PAD*** and pinch together to zoom in, or swipe apart to zoom out.



Handwriting Recognition

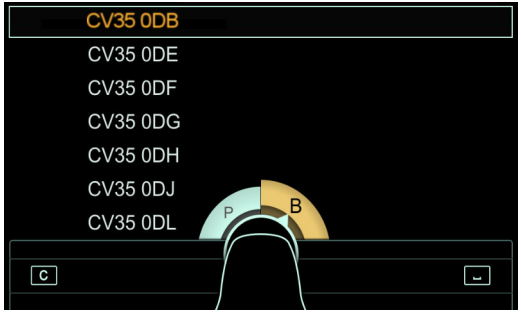
Where text needs to be entered, such as writing a text message, characters can be 'written' using the ***TOUCH PAD***. To begin handwriting recognition, press ***ENTER*** on the ***TOUCH PAD***.



To enter characters, trace the outline on the surface of the ***TOUCH PAD***. The infotainment system will then recognize the character, or offer a suggestions if it cannot recognize characters.

Character Suggestion

To select between character suggestion, turn the ***CONTROL DIAL*** and press ***ENTER*** on the highlighted option.



Character Delete

To delete a character, swipe to the left on the ***TOUCH PAD***.

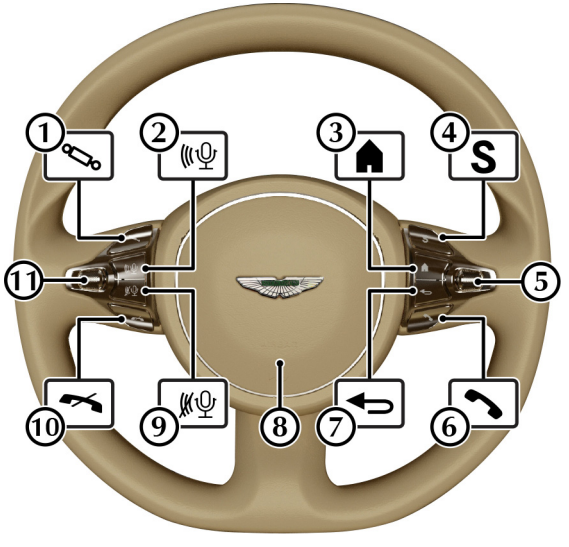
Add Space

To add a space character, swipe to the right on the ***TOUCH PAD***.

Read Out handwriting Recognition ON/OFF

The handwriting recognition system can also be set to read characters out as they are written.

To set ***Read Out handwriting Recognition*** to ON or OFF, navigate to the *Vehicle Settings* menu and open the *System Settings* menu (Refer to 'System Settings', page 10.3). Select ***Read Out handwriting Recognition*** and select ON or OFF.



[1] ADAPTIVE DAMPING:

Press to cycle adaptive damping modes (Refer to 'Adaptive Damping', page 5.13).

[2] START VOICE CONTROL:

Press to start voice control (Refer to 'Voice Control', page 4.16).

[3] MENU HOME:

Press to open the instrument cluster menu (Refer to 'Instrument Cluster Menu', page 4.13).

[4] DRIVE MODE:

Press to cycle between drive modes (Refer to 'Drive Modes', page 5.9).

[5] MENU SCROLL:

Roll the menu scroll wheel up or down to navigate the instrument cluster menu. Press the scroll wheel button to select an item in the menu (referred to in this handbook as ***OK***).

[6] CALL:

Press answer an incoming call (Refer to 'Calls', page 7.5).

[7] MENU BACK:

Press to take the instrument cluster menu back one level.

[8] HORN:

Push to sound the vehicle horn.

[9] END VOICE CONTROL:

End voice control.

[10] END CALL:

Press to end a call or reject an incoming call.

[11] VOLUME DIAL: Roll the volume scroll wheel up or down to increase or decrease volume for the audio system, or volume during a phone call. Press the scroll wheel button to set sound to on or off. Setting sound off will also pause media where applicable.

Press and hold the scroll wheel button during traffic announcements to set traffic announcements to off.

Navigation announcements will still be heard if the sound (audio or call) is set to off. Press and hold the volume scroll button during a navigation announcement to mute navigation prompts.

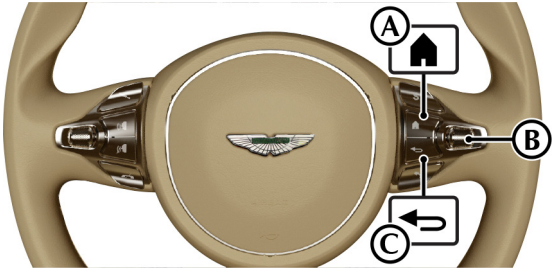


The instrument cluster includes an secondary infotainment system menu. The cluster menu includes settings for the instrument cluster such as trip computer and units as well as audio and navigation overview screens.

The instrument cluster menu options are:

- Trip
- Navi
- Radio
- Media
- Telephone
- Service
- Settings

Use the button (A) to open the menu home screen. Scroll through the available options with the menu scroll wheel (B) and select an item by pressing the scroll wheel button (referred to in this handbook as the ***OK*** button). Press the to go back a menu level.



Trip

The trip menu will show journey information about the vehicle. From the trip menu select:

- ***From Start:***
  Distance travelled, journey time, average fuel consumption and average speed are shown from the ignition was turned ON.
- ***From Reset:***
  Distance travelled, journey time, average fuel consumption and average speed are shown from the trip menu was last reset.
- ***Odometer:***
  Distance since last trip menu reset and total vehicle distance are shown.
- ***Range/Consumption:***
  Range till empty and fuel consumption are shown.

Trip Menu Reset

Press ***OK*** when the trip menu shows the ***From Start***, ***From Reset*** or ***Odometer***[1] to open the ***Reset*** window. press ***OK*** to confirm reset.

1. Trip Menu Reset does not reset the total vehicle mileage.

Navi

Shows the next turn if a route has been set. If no route has been set, shows direction of travel.



Radio

Shows the selected radio station. Scroll or press ***OK*** to open the radio station list. Use the scroll wheel to select a station and press ***OK*** to confirm.

Media

Shows the selected media track.

Change Track

Press to open the media track list. Use the scroll wheel to select a track.

Change Media Source

Press ***OK*** to open the media sources list. Use the scroll wheel to select a media source.

Telephone

A mobile device must be paired to the infotainment before this function can be used (Refer to 'Pairing a Device', page 7.3).

Shows current network provider. Scroll or press ***OK*** to open the contact list. Press ***OK*** or  to begin a call.

When a call is in progress, the call status is shown.

Service

The service menu shows information on vehicle. Select from:

- ***Messages:***
  Show any stored warning messages.
- ***Tires Pressure:***
  Opens the Tire Pressure Monitoring System Menu (Refer to 'Tire Pressure Monitoring System (TPMS)', page 5.21)
- ***Service Reminder:***
  Shows how long until the next service is required.

Settings

The settings menu changes settings related to the instrument vehicle and driver functions. Select from:

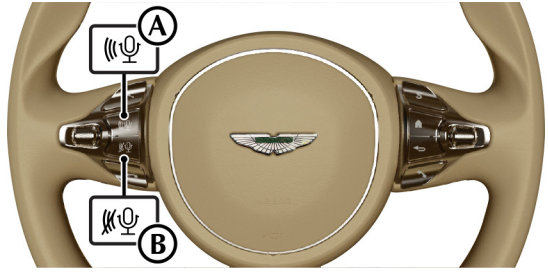
- ***Assistance:***
  - ***ESP***

    Opens the Electronic Stability Program (ESP) menu to set to ON, Track or OFF (Refer to 'Electronic Stability Program (ESP)', page 5.19).
- ***Instrument Cluster:***
  - ***Distance Units***

    Select between Miles or Kilometers
  - ***Consumption Units***

    Select between MPG or L/100Km
- ***Factory settings:***

  Reset all settings back to factory settings.



Commands can be selected in the infotainment system using voice commands. To begin voice control, press the Voice Control ON (A) and say a command.

For example:

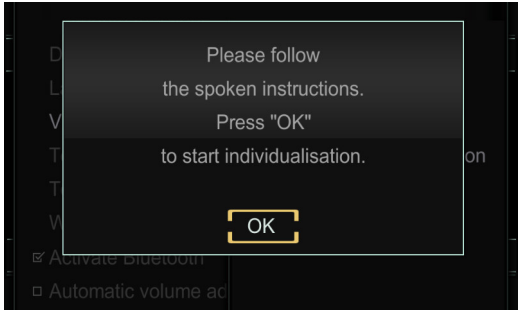
- *Enter Destination* will give a list of options to enter a destination in the navigation system.
- *Next Artist* will play the next available artist in the media system if more than one artist is available.

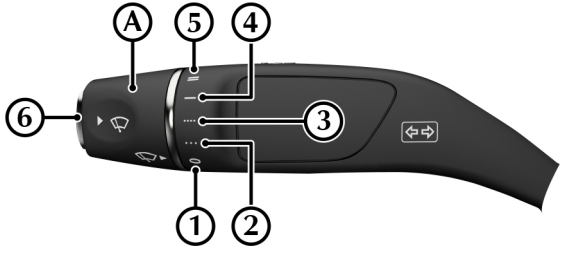
If a command is not available, or the system did not correctly hear the command, a list of available command will be heard.

To cancel voice control press the Voice Control OFF (B).

Individualisation

Individualisation is a function that can help refine the Voice Control system to your own voice. To begin individualisation, navigate to ***Vehicle*** on the main menu and select ***System Settings*** o the lower information bar. Select ***Voice Control*** and select ***Individualisation***. Press ***ENTER*** when the pop up window is shown to begin.





Rotate the wipe speed selector (A) to select a wipe speed.

[1] : Windshield wipers OFF

[2] : Intermittent wipe (low rain sensor sensitivity)

[3] : Intermittent wipe (high rain sensor sensitivity)

[4] : Continuous wipe (slow)

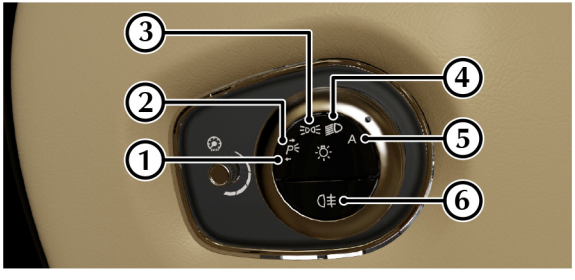
[5] : Continuous wipe (fast)

[6] : Press for single wipe operation. Press and hold further to operate the front windshield washers.

Exterior lamps

Master Lamp Switch

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



[1] : Left side park lamp

[2] : Right side park lamp

[3] : Side lamps (including number plate lamps)

[4] : Dipped beam headlamps

[5] : Automatic headlamp mode

[6] : Rear foglamp[1]

Exterior lamps (except the side lamps/parking lamps) switch off automatically if you turn the ignition off.

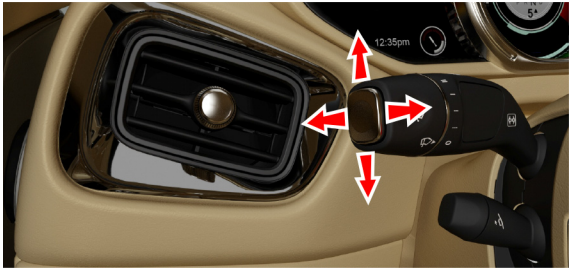
Automatic Headlamp Mode

If ambient light fades, headlamps, side marker, rear and registration plate lamps will switch ON automatically. If ambient light then increases, headlamps, side marker, rear and registration plate lamps will automatically go OFF. Automatic lamps are market specific.

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

1. The rear fog lamp will only operate with the headlamps set dipped beam (4) or automatic (5).

Stalk Controls



Main Beam

Push the stalk away to turn on main beam headlamps. Pull the stalk back to the initial position to return to dipped beam headlamps.

Flash Headlamps

Pull the stalk to flash the main beam headlamps.

Direction Indicators

To briefly indicate, press up to indicate a right turn and down for a left turn. Returns to the centre position on completion of a manoeuvre. Press until the switch latches to hold the selected indicator on.

Hazard lamps

The hazard warning lamps will continue to operate if the ignition is switched off.



To turn on the hazard warning lamps, press the hazard warning lamp button (A). All direction indicator signals will flash. Press the button again to turn the hazard warning lamps off.

if you operate a direction indicator from the indicator stalk, only the selected direction indicators will operate. Once cancelled, the hazard warning lamps will resume operation.

Interior Lamps

Instrument Illumination



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 windshield 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.

The level of brightness can be reduced by using the illumination dial (A). Push the illumination dial in and release to eject the dial. Once a level of brightness has been set, push the dial back in.

Reading Lamps

Two reading lamps are located in the front header trim. To operate the lamps (ON or OFF) touch the reading lamp bezel (A).

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



An additional rear reading lamp can be found in the centre of the rear header.

Driving

Driving Techniques 5.2
How To Start The Engine.....5.3
Transmission Controls.....5.4
Cruise Control.....5.7
Drive Modes 5.9
Blind Spot Monitor.....5.11
Adaptive Damping 5.13
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Driving Techniques

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

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

Performance Driving Courses

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

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.

Track Days

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

Wet Conditions

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

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

Slow down when it is raining.

Driving Through Deep Water

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

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

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

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

Warning: The engine can be started by any person in the vehicle if the brake pedal is pressed down. Care should be taken that the vehicle is not left unattended with the key present and occupants such as young children inside.

In extreme low temperatures (-20°C and below) do not run the engine 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.



Make sure the park brake is applied and the transmission is in PARK (P).

To start the engine, fully press the brake pedal down and press ***START/STOP*** (A). The button bezel will flash red once and the steering lock will release.

Once the begins to crank, release ***START/STOP***.

Starting From Cold

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

Stopping The Engine

Press ***START/STOP*** to stop the engine.

Quiet Start

Push and hold ***START/STOP*** for 3 seconds to use the Quiet Start feature. The button bezel will flash red twice to confirm. In Quiet Start, the volume of the exhaust note is reduced on engine start.

The automatic transmission has two main driver modes.

Automatic Mode

In *Automatic* 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 *Automatic* 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 *Automatic* 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

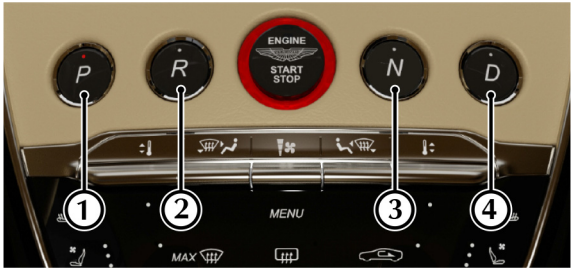
In *Touchtronic* mode, forward gears and Neutral are selected by using the paddles located behind the steering wheel. Reverse and Park are selected by using the PRND buttons.

While in *Touchtronic* mode, move to *Automatic* mode at any time by pressing the D (Drive) button, or by pulling and holding the upshift (+) paddle until Drive 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 (Neutral) button.

PRND Buttons



[1] P (PARK): Press and release to select Park once the vehicle is stationary. The transmission will mechanically lock.

Always make sure that the park brake is ON.

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

[2] R (REVERSE): When stationary and with the footbrake applied, press and release to select Reverse. When reverse is selected, the infotainment screen will change to show the reverse camera display.

[3] N (NEUTRAL): Press and release to select Neutral.

Do not change from Park or Neutral into Drive or Reverse at high engine speed. Doing so can damage the transmission or the engine.

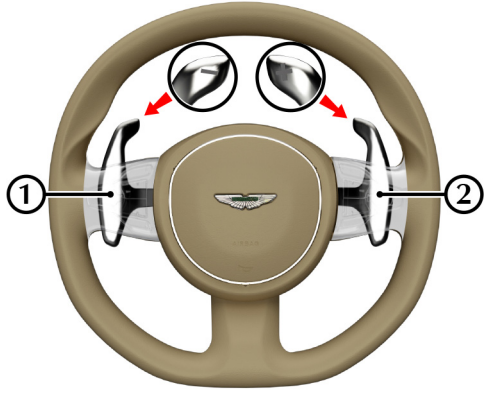
[4] D (DRIVE): When stationary and with the footbrake applied, press and release to select forward gears.

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.

Touchtronic Controls

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



P (Park) and R (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) Neutral on the centre stack.

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 (*Drive* mode dependant[1]) if the engine speed rises or lowers to its maximum or minimum operating limits.

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 at the same time. 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 centre message centre shows the actual gear currently selected R, D1, D2, etc and the target gear when a gearshift is in progress (either 1, 2, 3, 4, 5, 6, 7, 8, R or P).

Gear Shift Indicator

The centre message window shows the current gear selected with an up arrow to indicate when a gear change should take place to obtain better fuel economy. For example, when in third gear and a higher gear needs selecting 3 ^ is shown in the centre message window.

⚠ Warning: Only use cruise control if road and traffic conditions are appropriate for maintaining a steady speed for a prolonged period.

⚠ Cruise control is an aid and cannot take into account road, weather or traffic conditions. You are responsible for vehicle speed, braking in good time, controlling the distance to any vehicle(s) in front and for staying in the correct lane.

The cruise control system should not be used when:

- road and traffic conditions do not allow you to maintain a constant speed, e.g. in heavy traffic or on winding roads
- driving on smooth or slippery roads. Braking or accelerating can cause the drive wheels to lose traction and the vehicle could then skid
- visibility is poor, such as fog, heavy rain or snow

1. GT Mode: All Gears.
Sport and Sport+: 1st to 2nd gear.

Operation

Cruise control can be used to maintain a selected vehicle speed without having to use the accelerator.

Cruise control only operates at speeds above 18mph.



Setting A Speed

Lightly push the cruise control lever up to increase speed, or down to decrease speed in 1 mph increments. A hard press in either direction will increase in 5 mph increments. Pushing the cruise control lever in either direction will set a new vehicle speed in the cruise control system.

The tachometer in the instrument cluster changes to vehicle speed when cruise control is active

Cruise control will automatically disengage when the brake pedal is pressed or when the vehicle speed falls below 18 mph.

Resuming the Set Speed

⚠ Set speed should only be resumed if the driver is aware of the set speed and intends to return to it.

Cruise control will not resume at speeds below 18 mph.

Pull the cruise lever towards you to resume the set cruise control speed.

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

If the cruise control is deactivated, or the brake pedal is pressed, cruise control will disengage but the set speed memory will be kept. Pull the cruise control lever again and the vehicle will return to the set speed.

Deactivating Cruise Control

Push the cruise control lever away from you to deactivate cruise control.

The cruise control set speeds will also be cleared when the ignition is set to OFF.

Cruise control will automatically deactivate when:

- The brake pedal is pressed
- the park brake is applied
- vehicle speed drops below 18 mph
- Neutral, Park or Reverse gear positions are selected
- the Traction Control System is activated
- a fault occurs in the cruise control system. The cruise control system will not operate until the fault is cleared.

Vehicle driving characteristics, such as gear changes and throttle response, can be changed by selecting different drive modes.

Three drive modes are available. Press the ***S*** button (A) to cycle between:

- GT
- Sport
- Sport+



The selected mode will be shown in the right instrument cluster window (B).

Drive modes operate independently of Electronic Stability Programme (ESP) and Adaptive Damping System (ADS) modes.



GT Mode

GT mode provides a default comfort setting, best suited to casual and motorway driving.

The transmission is set to use a base transmission calibration when in *Drive* to suit a touring style of driving. In *Touchtronic* mode, gear shifts take place automatically if engine speed exceeds 6800rpm.

Cylinder Deactivation[1](Refer to 'Cylinder Deactivation', page 5.24)and *Stop/Start*(Refer to 'Stop/Start', page 5.24)functions are available to improve fuel economy.

Sport Mode

Sport mode uses a more aggressive transmission calibration, but still with a level of comfort when changing gear.

The transmission now uses a more aggressive calibration when in *Drive*, yet still comfortable enough to be used for general driving. In *Touchtronic* mode, the transmission will only automatically make a change from 1st into 2nd gear. Throttle response is also increased with a more sporting throttle pedal calibration.

The exhaust bypass valves operate at lower engine speed to give a sense of increase driver involvement.

Cylinder Deactivation[1] is disabled in *Sport* mode, but engine *Stop/Start* is still available to use.

1. V12 Engine Only

Sport+ Mode

Sport+ mode further increases transmission and engine response.

The transmission is now set to use an even more aggressive calibration than used in *Sport*, with the exhaust bypass valves and symposer also revised to open at lower engine loads and speed. Gearshifts are not done automatically from 2nd gear onwards in *Touchtronic* mode, allowing the driver to hold on to individual gears.

Both *Cylinder Deactivation*$_1$ and engine *Stop/Start* functions are disabled in *Sport+* mode

Sport+ mode also adds a transmission temperature gauge (C) to the left instrument cluster window.



Blind Spot Monitor

⚠ Warning: The BSM system is for visual aid only and does not replace the need for driver awareness. It is the driver's responsibility to be aware of their surroundings and make sure it is safe to complete a lane change.

The Blind Spot monitor (BSM) is used to help a driver know if a vehicle is in their blind spot so that a lane change action can be safely completed.

The BSM system uses two radar units mounted behind the rear bumper cover which monitor for vehicles either side of the vehicle.

The system can monitor vehicles when driving around curved roads.

Operation Conditions

For the BSM system to operate the below conditions must be met:

- Transmission must be in D (Drive)
- The vehicle must be travelling at speeds of more than 30 km/h (18 mph)
- Vehicles in the blind spot area must be travelling at speeds of:
  - more than 5 km/h (3 mph)
  - between 5 km/h (3 mph) slower and 35 kph (22 mph) faster that your vehicle.
- The minimum width for a vehicle to be detected is 0.7m wide (a motorcycle for example)
- The radar units must not be blocked (for example, snow or mud).

Blind Spot Warnings

Stage One Warning

When the BSM system detects a vehicle in the driver's blind spot area, an amber LED triangle (A) will be shown in the top outer corner of the door mirror.



Stage Two Warning

The BSM will be set to stage two if:

- a vehicle is detected in the blind spot area
- the indicator is used to signal movement into that lane

When this happens, the below actions will take place.

- The amber triangle in the door mirror will flash
- An audible warning chime will sound

Fault Conditions

In the unlikely event of a fault in the BSM system, the warning triangle in the door mirrors will be continuously lit. Contact your Aston Martin Dealer. A warning message will also show in the instrument cluster.

FCC - Radio Frequency Devices

USA

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

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

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Canada

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device must not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Radiofrequency radiation exposure Information: This equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Adaptive Damping

The Adaptive Damping System (ADS) uses sensors to continuously monitor vehicle body movement and driver inputs, such as steering, braking and throttle input. The system then adjusts the suspension damping characteristics to suit the conditions.

Three adaptive damping modes are available. Press the ***DAMPING*** button (A) to cycle between:

- GT (Default setting)
- Sport
- Sport+



ADS will be set to GT mode at each ignition on.

ADS modes operate independently of Electronic Stability Programme (ESP) and drive modes.

The selected adaptive damping mode is shown in the left instrument cluster window (B). The ADS mode will also be briefly shown in the right instrument cluster window when the ignition is set to ON or when the ADS mode is changed.



GT

GT mode provides a default comfort setting for the suspension, suitable for everyday use.

Sport

Sport mode changes the damping characteristics with increased body control and a firmer ride. Steering weight is also increased to enhance steering response and feedback.

Sport+

Sport+ mode further increase the stiffness of the damping, more suitable for track focused driving.

Brakes

Footbrake

The footbrake uses a vacuum boosted, dual (diagonal split) circuit hydraulic system with Anti-lock Brake System (ABS).

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

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

⚠ Warning: 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 with ignition at position II (V12 Engine Only) or while the engine is running.

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

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 either brake warning symbol comes ON, you should immediately be prepared for increased stopping distances or partial failure of the braking system.

If the brake warning symbol BRAKE comes ON while driving, the brake system has a fault and braking performance may be affected.

If the brake warning symbol BRAKE comes ON while driving:

- The brake booster system has a fault and braking performance may be affected.
- The brake fluid level is insufficient.

A message will also show in the right instrument cluster window with further information.

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 warning symbol stays ON, do not drive the vehicle. It is essential that the brake system is checked immediately. Contact the nearest Aston Martin Dealer.

ABS Warnings

⚠ 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 will come ON and the ABS will be either partly or fully OFF. Normal braking will continue to function without ABS.

In the event of an ABS fault, have the braking and ABS systems checked immediately by an Aston Martin Dealer.

ABS and Electronic Stability Programme (ESP) Warnings

⚠ Warning: If the ABS and ESP warning symbols come ON, you should be aware that wheels could lock during extreme braking or when braking on slippery surfaces. Steering performance can also function differently and there is increased risk of skidding and/or accident.

If BRAKE, ESP and ABS come ON while driving both ABS and ESP have a fault. The brake system will continue to operate, but without assistance from either ABS or ESP. Both front and rear wheels may lock under heavy braking which can result in longer braking distances in an emergency stop.

A message will also show in the right instrument cluster window with further information.

Drive on carefully and have the braking and ABS systems checked immediately by an Aston Martin Dealer.

Anti-Lock Braking System

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

If the braking force exceeds tire grip in an emergency braking situation, the ABS operates to prevent the wheels locking. A pulsating effect is felt through the brake pedal when this happens. This is a normal effect of the ABS operating.

Two Stage ABS

The ABS features two levels of calibration that change depending on Electronic Stability Programme (ESP) setting (Refer to 'ESP Modes', page 5.19).

Safety

It is always the driver's responsibility to drive safely with regard to driving conditions and according to the law. The fact that a vehicle is equipped with ABS must never let the driver 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 aquaplaning (where the tires are prevented from contacting the road surface by a layer of water).

The driver should always take road conditions into account. A slippery road surface always requires more braking distance for a given speed, even with ABS. Stopping distances can increase with ABS compared to locked wheels on slushy snow, gravel, sand or certain heavily corrugated or ridged warning sections of road surfaces.

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

Brake Pad Conditioning

⚠ Warning: For track use or high speed driving, new brake pads must be correctly conditioned. Failure to correctly condition the pads may result in greatly reduced brake performance. Contact your Aston Martin Dealer for further information.

When new brake pads are installed the brake discs and pads need to be conditioned. During this time, brake performance will be reduced.

Avoid excessive braking, such as hard stops from high speed and steep descents, for the first few hundred miles[1] after new brake pads are installed.

Park Brake

Park Brake Operation

⚠ Warning: If the brake system warning symbol is ON or flashing, do not rely on the park brake to hold the vehicle stationary. Contact your Aston Martin Dealer.

When the vehicle is stationary, push the park brake switch (A) in and release. The PARK warning symbol in the instrument cluster will come ON when the park brake is applied. The stop lamps will not come ON.



1. distances can vary depending on driving conditions and frequency of brake use

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. The rear wheels must be on a suitable surface to prevent vehicle movement.

The ignition control must be at position 'I' to release the park brake. First apply pressure to the foot brake then pull on the park brake switch and release. The PARK symbol will go off to show the park brake has been released.

Drive Away Release

Warning: 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 (Drive) or R (Reverse) , the vehicle can overcome the park brake and start to move.

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

The park brake will not release when moving from stationary if a vehicle door is open. In this case the park brake must be released with the park brake switch.

Park Brake Operation While Moving

Warning: Repeated use of the park brake to slow the vehicle, or driving the vehicle with the park brake applied can cause serious damage to the brake system.

In an emergency, pull and hold the park brake lever to reduce speed. The (P) symbol will come ON, a warning sound will be heard and CAUTION PARK BRAKE APPLIED will be shown in the right instrument cluster window.

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 MALFUNCTION 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.

⚠ Warning: It is the driver's responsibility to drive safely according to the law and with due regard to prevailing conditions.

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

The Electronic Stability Program (ESP) is designed to improve driving safety when the tires are at the limits of their grip capabilities. This is done by control of engine torque and application of the brakes at individual wheels.

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

ESP may not operate correctly when using tire chains.

Use tires of the same manufacturer, brand, type, tread pattern and correct size specified in this handbook (Refer to 'Summer Tires', page 11.22)for this vehicle on all four road wheels. Do not mix new and worn tires on the same axle.

ESP Modes

ESP has three modes of operation:

ON:

ESP defaults to ON each time the engine is started. The  will flash in the instrument cluster when in operation. ABS is set to stage one. Engine torque and application of the brakes at individual wheels will be controlled by ESP to aid stability.

TRACK MODE:

⚠ Warning: Greater driver input will be required to maintain vehicle stability in TRACK MODE and is intended for use on a dry track.

Track mode raises the thresholds at which the ESP operates and allowing greater wheel slip from the Traction Control System (TCS). Active Yaw Control (AYC) is also modified to allow a higher level of yaw. ABS is set to stage two. When the ESP is set to track, the message ***ESP TRACK*** will be shown in the left instrument cluster window.

OFF:

ESP no longer controls engine torque, and both TCS and AYC are disabled. ABS will remain in stage two. ***ESP OFF*** will show in the left instrument cluster window when the ESP is set to off.

Dynamic Torque Vectoring (DTV)

Dynamic Torque Vectoring (DTV) uses input signals such as speed, acceleration and steering angle to monitor vehicle behaviour during cornering. A small amount of brake pressure will then be applied to the inside rear wheel to reduce understeer. DTV is always active, but is more responsive when the ESP is set to either Track or OFF.

Two Stage Anti-lock Braking System (ABS)

The Anti-lock Braking System (ABS) will change its operation depending on ESP mode.

Stage One

When ESP is set to ON, the ABS is tuned to give a level of vehicle performance, control and stability under braking that will cover everyday driving situations and weather (dry, wet, ice and snow).

Stage Two

When ESP is set to Track or OFF, the ABS is tuned to allow more experienced drivers to drive closer to the limits of the vehicle's ability and enjoy its natural balance in a track environment.

When the ESP is set to stage two, the ABS is applied in the following ways:

- The Electronic Brake-force Distribution (EBD) increases braking force to the rear of the vehicle. This is done by allowing a greater level of slip at the rear axle and a quicker increase in pressure in the rear brakes. Cornering agility will be enhanced when braking, but the driver will experience more vibration through the brake pedal,
- The ABS will allow more slip when the tires are at a higher working temperature, such as when the vehicle is driven on a track. The driver will have more control over brake performance before the ABS is activated.
- Braking performance is given greater priority over stability in areas with different friction surfaces. Increased steering input is required to maintain the direction of travel, but optimum vehicle deceleration is achieved
- The ABS provides a more aggressive pressure increase for situations where a wheel can become temporarily unloaded, such as in track sections featuring fast, tight corners, strong cambers or high-speed crests.

Traction Control System (TCS)

The Traction Control System (TCS) is a function of ESP and is used to prevent 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.

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

⚠ Warning: Traction control cannot overcome the consequences of applying too much engine power for conditions, and must never let the driver be tempted into taking risks which could affect their safety or that of other road users.

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

- Brake either of the driven wheels when they start to slip
- Adapt the engine torque to a level corresponding to the traction available on the road surface.

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

📖 *If cruise control is on it will automatically go OFF when ESP is operating.*

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

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

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

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer (Refer to 'Tire Pressures', page 11.20)on the vehicle placard or tire inflation pressure label (Refer to 'Vehicle Loading', page 11.28).

(If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.)

Tire Pressure Display

The TPMS display is shown in the right window of the instrument cluster. Use the right scroll wheel on the steering wheel to navigate to ***Service*** and select ***Tire Pressure***.

Tire pressures will be displayed in the instrument cluster after the vehicle has been driven for a few minutes.



Tire Pressure Indicator

If an under-inflated tire is detected by the system, the TPMS symbol is **solidly illuminated.**

The message centre will also display one of the below messages:

- **Please Rectify Tire Pressures:** At least one tire has too low a pressure. Tire pressures should be checked and corrected when possible.
- **Check Tire(s):** At least one tire has significantly low pressure. The tire pressures must be checked and corrected as soon as possible.
- **Warning Tire Defect:** At least one tire has lost pressure very suddenly. The vehicle should be stopped as safely as possible and the tires checked.

Once the message has been acknowledged an image of the vehicle will be displayed in the message centre showing which tire(s) have low or high air pressure and the current tire pressure. When the tire pressure indicator comes ON, stop and check your tires as soon as possible, and inflate or deflate them to the correct pressure.

⚠ When a tire pressure warning is detected, reduce the vehicle speed to a safe level. Stop in a safe and convenient place and inspect the tire(s).

The tire pressures may be displayed in the wrong positions for a short time if the wheels have been moved on the vehicle. After a few minutes of driving, the TPMS will calibrate and the tire pressures are displayed in the correct positions.

TPMS Reset

All warning messages are erased and warning lamps go out when the TPMS is reset. The TPMS will use the new tire pressure values as reference values.

To reset the TPMS tire pressure values:

- Use the right scroll wheel on the steering wheel to navigate to ***Service***.
- Navigate to ***Tire Pressure***
- Select ***Use Current Pressures as New Reference Values***
- The TPMS will now reset. After a short period of driving, the system checks if the tire pressures are within the specified range. The new tire pressures are then used as the new reference values.

TPMS Malfunction Warning

The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.

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

A malfunction of the tire pressure monitor can take up to ten minutes to be shown. The TPMS warning lamp will go out when the fault has been resolved and after several minutes of driving.

Cylinder Deactivation

(V12 Engine Only)

Cylinder deactivation is only available when drive mode is set to GT.

Cylinder deactivation is used to shut off one bank of the engine when it is under light load. The system will operate at speeds between 30mph (48 km/h) and 80mph (130 km/h) from 4th gear and above, so is well suited to motorway driving.

When cylinder deactivation is in operation, the engine switches which bank is disabled to keep the catalysts at correct operating temperatures. Both banks will then become active immediately during acceleration, with no delay in engine performance.

Stop/Start

The Stop/Start function switches the engine off when the vehicle comes to a stop to reduce fuel consumption and emissions.

Setting ON or OFF

Stop/Start is not available when drive mode is set to Sport+.



Stop/Start is controlled by the ***START/STOP*** button (A) on the centre stack. When the system is active the indicator LED on the button is ON and the [(A)] is shown in the instrument cluster.[1]

1. Symbol may be green or yellow depending on Stop/Start conditions

Engine Stop Conditions

With Stop/Start active, the engine will switch off when the vehicle is completely stopped, the transmission is in either D (Drive) or N (Neutral) and if the following conditions are met:

- the vehicle battery condition is suitable
- the hood is closed
- the driver's door is closed
- the driver's seatbelt is fastened
- the engine is at operating temperate
- the outside temperature is within a suitable range
- the vehicle climate temperature has reached the set temperature.
- the engine has been on for a minimum of 20 seconds

If any of the above conditions are not met, the Stop/Start , otherwise it will be shown in green  when the system is active.

When the engine is switched off, all the remaining vehicle systems will continue to operate (navigation, media etc).

Engine Start Conditions

The engine will automatically start again when:

- the engine has been switched off for 3 minutes
- the engine goes above or below operating temperature
- the throttle pedal is pressed
- the brake pedal is released
- the steering wheel is turned
- the ***STOP/START*** button has been pressed on the centre stack
- R (Reverse) is selected
- ***Sport+*** is selected for Sport mode (Refer to 'Sport+ Mode', page 5.11)
- the driver's seatbelt is unfastened
- the driver's door is opened
- the vehicle begins to roll
- the battery condition would prevent restart
- the vehicle interior has dropped below the temperature set by the climate control system

Emergency Stops

If the vehicle detects a level of braking that it determines to be an emergency stop, the stop/start will prevent the engine switching OFF.

Warning: The park assist systems are for aid only. It is the driver's responsibility to be aware of their surroundings when parking or reversing.

Park Distance Control

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.

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. If a high pressure spray is used to clean the vehicle, the sensors should only be sprayed briefly and not from a distance of less than 200 mm.

The Park Distance Control (PDC) system will a sound a series of warning tones if objects are detected within range of the vehicle.

Activation

PDC will activate at automatically ignition on and when D (Drive), R (Reverse) or N (Neutral) is selected. The sensors activated depend on which gear is selected.

(D) Drive	Front sensors only.
(R) Reverse, (N) Neutral	Front and rear sensors.
(P) Park	Sensors off.

Deactivation

PDC will deactivate when the vehicle speed exceeds 11 mph (18km/h). The system is reactivated automatically when the vehicle speed is lower.

To manually deactivate PDC press P. The indicator LED will be set to ON to show the system is deactivated.

Operation

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

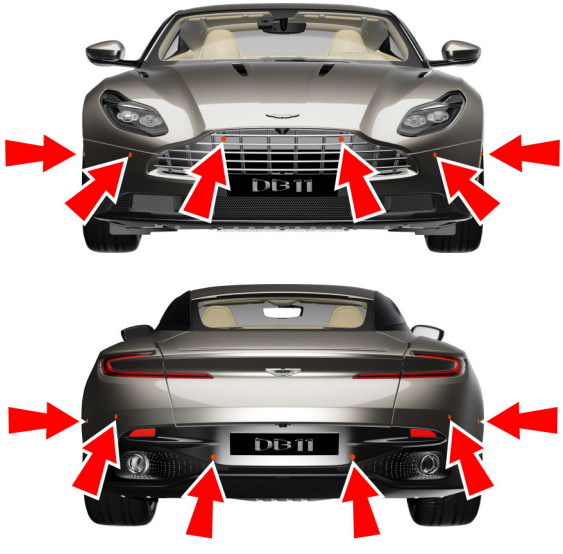
If an obstacle is detected to the front or rear of the vehicle, a series of warning tones will be heard from the front or rear speaker respectively. The frequency of the warning tones increase as the vehicle approaches the obstacle.

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.

The LED will flash if a fault is detected in the system and a single three second tone will be heard (only once per ignition cycle). The system is automatically disabled when a fault is detected.

If an ultrasonic frequency using the same frequency band as the sensors is detected, the PDC system can give spurious warning tones.

The PDC system uses 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 in front or behind the vehicle in this type of manoeuvre.



Active Park Assist

(Optional)

Active Park Assist measures the road on both sides of the vehicle to locate a parking space the vehicle will fit in. The active park system will also provide vehicle steering to assist parking in spaces.

Important Safety Information

Active Park Assist is only an aid. It is the driver's responsibility to be aware of their surroundings when parking or reversing. Make sure that no persons, animals or objects are in the vehicle's path.

Active Park Assist is not available if PDC is deactivated or not functioning.

Warning: While parking, the vehicle can move into areas of oncoming traffic. This can cause a collision with other road users. Stop the vehicle or cancel the Active Park Assist parking procedure if necessary.

Parking spaces that are partially occupied may be measured incorrectly. Examples of partially occupied parking spaces can be trailer draw bars, over grown parking spaces or incorrect measurement due to heavy rain or snow. Care should be taken to ensure the space is clear.

Active Park Assist will not be able to detect objects above the sensor height range when a parking space is measured. These object will not be included when the parking procedure is calculated. Active Park Assist should not be used around objects such as overhanging loads or tail sections of goods vehicles.

Active Park Assist can be cancelled at any time by manually controlling the steering wheel.

Active Park Assist may also display parking spaces that are not suitable such as prohibited parking zones, driveways or unsuitable road surfaces.

Active Park Assist should only be used for roads that are parallel or at right angles to the direction of travel and on the same road level. The system should not be used for measuring spaces on bends or on raised footpaths

Parking Space Detection

Active Park Assist operates at speeds of up to approximately 22 mph (35 km/h).

Active Park Assist is activated automatically when driving forwards and independently locates and measures parking spaces on both sides of the vehicle.

At speeds below 18 mph (30 km/h), P will show in the instrument cluster. When a parking space has been detected that the vehicle will fit into, a left or right arrow will show which side of the vehicle the space is on.

Active Parking Assist will only detect parking spaces:

- that are parallel to the direction of travel and are at least 1.5 m wide and 1.0 m longer than your vehicle.
- that are at right angles to the direction of travel and at least 1.0 m wider than your vehicle.

Active Park Assist is not able to measure the depth of a parking space if it is at right angles to the vehicle. You must judge if your vehicle will fit in the parking space

The system automatically determines if the parking space is parallel or at right angles to the direction of travel.

A parking space is displayed while you are driving past it, until you are approximately 15 m away from it

Active Park Assist does not assist with parking in right angle space if:

- two parking spaces are located directly next to each other
- the parking space is directly next to a low obstacle such as a low kerb
- forward-parking

Active Park Assist will only display parking spaces on the front-passenger side as standard.

Parking spaces on the driver's side will be displayed if the turn signal on the driver's side is ON. The indicator must remain ON, until Active Park Assist is confirmed.

Parking with Active Park Assist

When a parking space has been found and is shown in the instrument cluster, stop the vehicle and select R (Reverse).

- ***Start Park Assist?*** will show in the instrument cluster display.

  Press ***OK*** on the scroll wheel to confirm. To cancel press ⮌ or continue to drive away from the space.
- Release the steering wheel and slowly reverse the vehicle, being ready to brake at all times. Reversing at a speed above 6 mph (10 km/h) will cancel Active Park Assist.

⚠ Warning: The vehicle will not automatically brake if an object is detected.

Additional manoeuvring may be required in tight parking spaces. If it is necessary for the vehicle to move forward, a message will show in the right message window. Select D (Drive) while the vehicle is stationary. Active Parking Assist will then counter-steer to change the approach angle.

360° Camera System

The camera system can show a distorted or incorrect view of obstacles or not at all. Obstacles will not be shown under, or in very close proximity to, the front or rear bumpers. Care should also be taken in the blind spots close to the door mirrors, tailgate or transitional areas between cameras in the top-down view.

Objects that are not at ground level can appear further away than they are. Care should be take when manoeuvring around items such as tow bars and vehicle bumpers.

The 360° camera system uses four cameras (front, rear and both door mirrors) to give a complete view of the vehicle's immediate surroundings. The system can then be used in a split screen view to suit different driving scenarios.

Activation

To activate the 360° camera, press the  button or select ***360° cameras*** from the ***Vehicle Settings*** menu. The camera will show the split screen with either the front or rear view, depending on the transmission selection.

The camera system will be disabled when vehicle speed exceeds 16 km/h (10 mph). At higher speeds the camera display will still be selected, but no image will be shown. The system will display images again when vehicle speed drops below 11 km/h (7 mph).

The ignition must be in at least position 'II' for the cameras to operate.

View Selection



To select the different views, push up on the ***CONTROL DIAL*** to the view selection bar. The split-screen views that can be shown are:

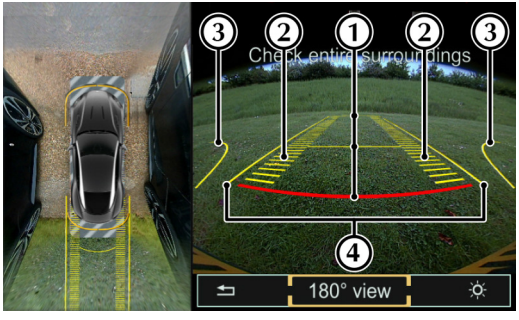
- Top 360° view with rear view
- Top 360° view with top down rear view
- Top 360° view with rear corner view
- Top 360° view with front corner view
- Top 360° view with top down front view
- Top 360° view with front view

180° View



When the camera shows the front or rear view, select ***180° view***. This will replace the split-screen view and show a much wider angle for the front or rear.

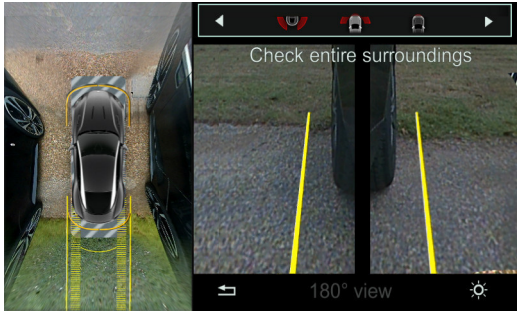
Top View with Park Distance Control (Front and Rear views)



To aid with parking the vehicle, a dynamic overlay screen will be shown over the camera image. The overlay screen adjusts with steering angle and shows the following information:

1. Distance markers (0.3m, 1.0m and 4.0m)
2. Projected tire path
3. Maximum steering angle
4. Maximum vehicle width guideline (includes door mirrors)

Top View with Corner Views



The corner view cameras show both sides of the vehicle from the door mirrors. The yellow lines overlaid on the camera view show the maximum width of the vehicle, including the door mirrors.

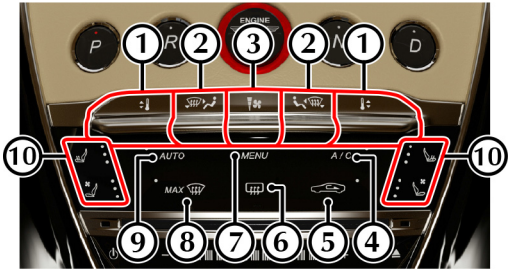
Activation by Reverse

The top 360° view with rear view can be set to activate automatically when R (Reverse) is selected (Refer to 'System Settings', page 10.3).

Climate Control

Climate Controls 6.2
Climate Menu 6.5
Defrost and Demist 6.7
Air Distribution Vents 6.8
Climate Control Operating Tips 6.8

Centre Stack Climate Controls



[1] TEMPERATURE:

Press the rocker switch up or down to increase or decrease the temperature.

[2] AIR DISTRIBUTION:

Press the rocker switch up or down to change airflow modes.

[3] AIRFLOW SPEED:

Press the rocker switch up or down to increase or decrease the fan speed.

[4] A/C:

When in manual mode press and release to set the air conditioning ON or OFF.

[5] AIR CIRCULATION:

⚠ Warning: Re-circulated air can cause the interior glass to mist up in cold or rainy weather. If demisting is required, use the air conditioning.

Controls the source of air entering the vehicle. Press to select re-circulated air (button LED ON). Press and hold for more than two seconds to close the windows.

Press again to select outside air as source (button LED off). Press and hold for more than two seconds and the windows will open to their last position[1].

Use the re-circulated air position when going through tunnels, driving in congested traffic (high engine exhaust areas) or when maximum cooling is required.

Outside air is used as the default air source and should be used for normal conditions and demisting.

[6] HEATED REAR WINDOW:

Press to set the rear window and door mirror heaters ON or OFF. The rear screen heater will automatically set to OFF after 20 minutes and the door mirror heaters set to OFF after 6 minutes.

[7] MENU:

Opens the ***Climate*** menu (Refer to 'Climate Menu', page 6.5).

1. If windows were open before selecting re-circulated air.

[8] DEMIST:

Press for maximum defrost or demist ON or OFF. Outside air intake is automatically selected and air conditioning is automatically started.

[9] AUTO:

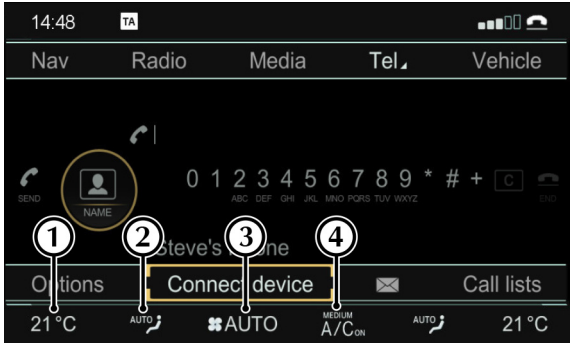
Press for automatic climate control (Refer to 'Automatic Climate Control', page 6.4).

[10] SEAT HEATING/COOLING:

⚠ Warning: Do not press the seat heater switch repeatedly. This can cause the seat to become very hot and can cause burn injuries to persons with limited sensitivity to temperature changes.

- **Seat Heating** (standard):
  Press to cycle the seat heating level on the driver or passenger seats. The LEDs show which heating level is set, where the higher the number of LEDs illuminated, the greater the heating level.
- **Seat Cooling** (optional):
  Press to cycle the seat cooling level on the driver or passenger seats. The LEDs show which cooling level is set, where the higher the number of LEDs illuminated, the greater the cooling level.

Infotainment Climate Controls



[1] TEMPERATURE:

Open the temperature list.

[2] AIR DISTRIBUTION MODES:

Open the air distribution list.

[3] AIRFLOW:

Open the airflow speed list. Select a fan speed from 1 to 7 or select AUTO.

[4] CLIMATE MENU:

Shows the Climate Mode setting and Air Conditioning status. Select to open the Climate Menu (Refer to 'Climate Menu', page 6.5).

Automatic Climate Control

The temperature is maintained at a set level in automatic mode. The climate system will automatically control the temperature, airflow and the air distribution according to the interior and exterior conditions.

To set a temperature for automatic operation:

- Set a temperature using the rocker switches.
- Press AUTO
- The LED indicator lamp will switch on.

Press and hold AUTO will set the climate control to a default setting of 22°C, low fan speed and vents open.

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

Any changes to the air distribution or airflow speed will cancel automatic climate control.

Manual Climate Control

Manually set the temperature, airflow speed and air distribution:

⚠ Warning: Re-circulated air can cause the interior glass to mist up in cold or rainy weather. If demisting is required, use the air conditioning.

To prevent cold air blowing from the vents, airflow speed is reduced until the engine warms up.

The climate system will produce the selected temperature regardless of in-vehicle conditions.

For maximum cooling press  for re-circulated air.

Climate Menu

Climate Mode



Select one of three modes:

[1] MEDIUM: Standard airflow with medium airflow.

[2] FOCUS: High level of airflow at a cooler temperature setting.

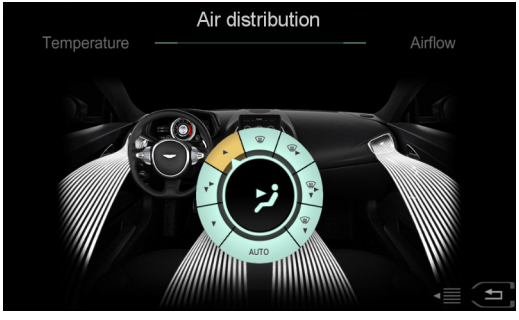
[3] DIFFUSE: Low level of airflow at a warmer temperature setting.

Temperature



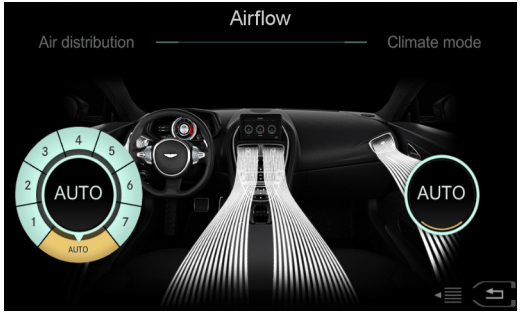
Rotate the ***CONTROL DIAL*** to set the temperature.

Air Distribution



Rotate the ***CONTROL DIAL*** to choose an air distribution mode.

Airflow



Rotate the ***CONTROL DIAL*** to choose an airflow speed from between 1 and 7 or AUTO.

Climate Options



[1] SYNC.:

Select to synchronise the left and right climate zones. Only one setting dial will be shown when climate conditions are being set.

If ***SYNC*** is set to OFF, push the ***CONTROL DIAL*** left or right to select which zone to adjust.

[2] CLIMATE CTRL ON:

Press ***ENTER*** to set the climate control to ON or OFF.

[3] A/C:

Press ***ENTER*** to set the air conditioning to ON or OFF.

[4] :

Return to the main menu screen.

Defrost and Demist

To defrost or demist the windshield 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:

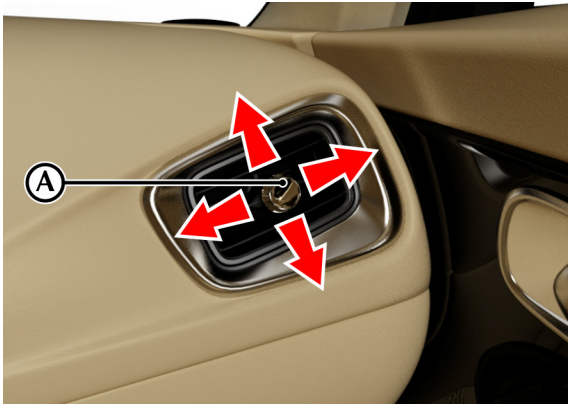
- Press MAX again.
- Press AUTO.
- Select a different airflow mode.

The automatic defrost setting times out after 6 minutes.

Air Distribution Vents

To adjust the air vents, use the vent knob (A). Push up or down to adjust the blades inside the vent. Push left or right to adjust the angle of the vent unit.

Rotate the knob to open or close the vent.



Climate Control Operating Tips

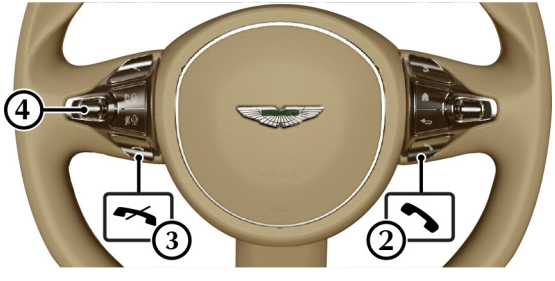
- Moisture which forms on the evaporator in the air conditioning unit is discharged via a drain tube onto the road. After stopping, small puddles of water may form underneath the vehicle. This is normal and does not show a system malfunction.
- Air conditioning may not function when the outside temperature approaches 0°C (indicator stays ON even when system is OFF).
- Windows can fog up easily in humid weather. Use the climate control system to demist the windows.
- Clear all obstructions like leaves, snow and ice from the hood and the air inlet in the front grille to improve the system efficiency.
- Use the 'outside air' position in normal conditions. The 're-circulated 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.
- Mist may come out from the vents when using the air conditioning. This is humid air being suddenly cooled and not a sign of a malfunction.

Hands-Free Phone

Hands-Free Controls 7.2
Device Management 7.2
Phone Features 7.5

Hands-Free Controls





[1] TEL: Press to access phone menus.

[2] CALL : Press to answer a phone call.

[3] END CALL : Press to end a call.

[4] VOLUME/MUTE: Scroll to increase or decrease call volume. Press to mute.



Device Management

Bluetooth® technology is a standard for short-range wireless data transmissions up to approximately 10 metres. Bluetooth can be used to connect your mobile device to the vehicle infotainment system. This system can then be used to operate the hands-free phone system, Bluetooth audio streaming and internet access.

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Bluetooth Activation

The vehicle's Bluetooth system can be turned ON or OFF. Before a Bluetooth device can be used with the vehicle Bluetooth, the vehicle's Bluetooth system must be switched to ON.

To set the vehicle Bluetooth system ON:

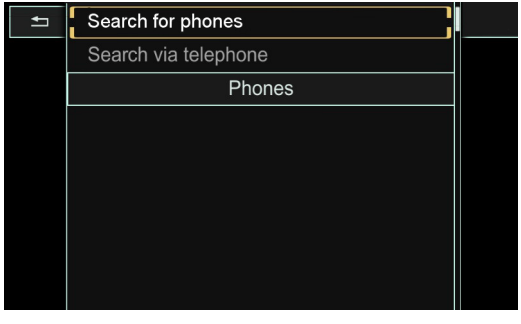
- Navigate to ***VEHICLE*** on the main menu.
- Select ***System Settings***.
- Select ***Activate Bluetooth*** and set to ON.

Pairing a Device

Bluetooth must be activate on both the vehicle and the mobile device to be used.

Before a device can be used, it must be paired to the infotainment system.

To add a new device, select ***TEL*** from the main menu and select ***Connect Device***. Select ***Search for Phones*** or ***Search via Telephone***.



Search for Phones

The mobile device must be set to discoverable mode. Refer to the mobile device manufacturers instructions.

Select **Search for Phones** to begin a search for available visible phones. Any phone's with a tick next to them are devices that have already been paired with the infotainment system. Scroll and select the required phone and press ***ENTER***. Follow the instructions shown on the phone and the infotainment display to pair the phone.

Search via Telephone

Select ***Search via Telephone*** to set the infotainment system to 'listen' for a mobile phone connection. 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 AML Bluetooth from the device list.

If AML Bluetooth does not show, check that Bluetooth is active in the infotainment system and search again

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

Completing Device Pairing

Once the mobile phone is paired it is ready for use with the vehicle audio and hands-free system. The vehicle will also request access to call history, contact list and messages.

You can authorise up to 15 mobile phones. After authorisation, the connection with the two phones that were last used functions automatically. Only one mobile phone can be connected to the multimedia system at any one time.

Selecting a Device

When more than one device has been paired, you can choose which phone to use for an active connection. To choose a device, select ***Connect Device***. Scroll through the list and select the device to be used.

Only one device can be used for an active connection at any one time. The active device is indicated by a dot in the device list.

You cannot change the active device during a call.

Device Details

To show device details, select ***TEL*** from the main menu and navigate to ***Connect Device***. Scroll through the list and select a device.

Push the ***CONTROL DIAL*** right and select *Details*. The below information will be shown:

- Bluetooth device name
- Bluetooth address
- Availability Status
- Authorisation status

Deleting a Device

To delete a device, select ***TEL*** from the main menu and navigate to ***Connect Device***. Scroll through the list and select the device to be deleted.

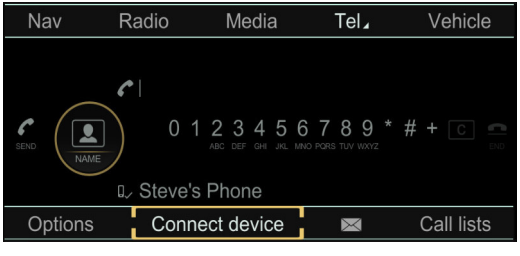
Push the ***CONTROL DIAL*** right and select ***De-authorise***. A message will show to ask if you really wish to remove this device. Press ***ENTER*** to confirm.

It is recommended that the device AML Bluetooth is also removed from the Bluetooth connected devices on your mobile device.

Contact Lists

The contact list displays all available contacts for your phone contacts which have a phone number.

To access the contact list press TEL on the centre stack or navigate to ***Telephone*** to open the phone menu. Select ***Name*** to show the list of contact names. Phone contacts will be displayed in alphabetical order.



Call lists

Select ***Call Lists*** and choose ***Incoming Calls***, ***Calls Dialled*** or ***Speed Dial Preset List***.

Calls

Make a Call

A call be made in several ways:

- Choose a contact from the **Contacts list**.
- Enter a number using the on screen number pad.

Press on the steering wheel, or press ***ENTER*** on the ***Send*** icon to begin a call.

End a Call

To end a call, press on the steering wheel, or press ***ENTER*** on the ***End Call*** icon.

Answer a Call

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

Reject a Call

To reject a call, press , or select *Reject Call* and press ***ENTER***.

Second Incoming Call

If there is an incoming call during an active call, press  to answer the new call and put the original call on hold.

To reject the call press , or select *Reject Call* and press ***ENTER***. Depending on the mobile manufacturer or network supplier, one of the following actions will occur:

- The incoming call is rejected, and the original call is continued.
- The incoming call is accepted, and the original call is ended.
- Both calls will be ended.

Microphone ON/OFF

To turn the microphone on or off during a call select ***Microphone Off*** and press ***ENTER***.

Multiple Call Handling

(Network Provider Dependant)

Add a Call

To make a second call during a call, select the 2ND CALL icon and select a contact. The first call will then be held.

Switch Calls

If there are multiple calls active, they will be marked as 1ST CALL and 2ND CALL. The active call will be highlighted. To switch between calls, select the call you wish to make active and press either ***ENTER*** or . Selecting a new active call will put the inactive call on hold.

To end the active call, select the END CALL icon on the display and press ***ENTER*** or press .

To make the call on hold active, press .

The held call can be activated automatically when the active call is ended, depending on network supplier or mobile phone.

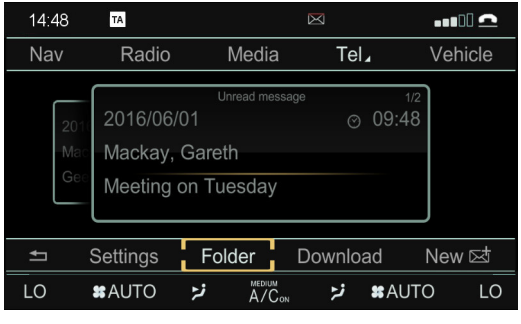
Conference Call

If there active and held calls, a conference call can be used to have all calls active at the same time. During an active call, select *Conference* on the telephone menu and press ***ENTER***. The held call participant will then be added to the active call.

Messages

The connected mobile phone must support Message Access Profile (MAP) to be able to access text and email messages. This may have to confirmed separately for some devices when paired to the vehicle.

Select ✉ on the lower information bar to open the messages menu.



The ✉ symbol will be shown at the top of the screen when new messages are received. New messages will be shown in the centre display.

the lower information bar has the below options:

[1] :

Return to phone menu.

[2] SETTINGS:

Opens the message settings to set automatic message downloads.

- **All Messages:** Downloads all messages when the phone is connected
- **New Messages:** Only show new messages when the phone is connected
- **Off:** Do not show messages.

[3] FOLDER:

Open to view text messages:

- Inbox
- Outbox
- Drafts

[4] DOWNLOAD:

Download messages from the phone to view on the infotainment screen.

[5] NEW MESSAGE:

Open the message entry window.

Message Entry



Push up with the ***CONTROL DIAL*** to select a contact to send a message to. From the Contact entry bar, push down on with the ***CONTROL DIAL*** to select the message entry window.

[1] TEXT TEMPLATES:

Opens a list of common phrases to be entered into a message.

[2] RETURN:

Starts a new line of text.

[3] CASE:

Switch between upper and lower case characters

[4] NON-ALPHABETICAL CHARACTERS:

Show numbers and miscellaneous characters

[5] LANGUAGE:

Select to open the languages list. characters sets will then be set to suit individual languages.

[6] CLEAR:

Select to clear a character. Press and hold ***ENTER*** to clear the whole message.

[7] OK:

Press ***ENTER*** to send the message.

Media Systems

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Multimedia Controls.....8.4
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Media Menu 8.12
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Bluetooth Audio.....8.16
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Wi-Fi Hotspot 8.18

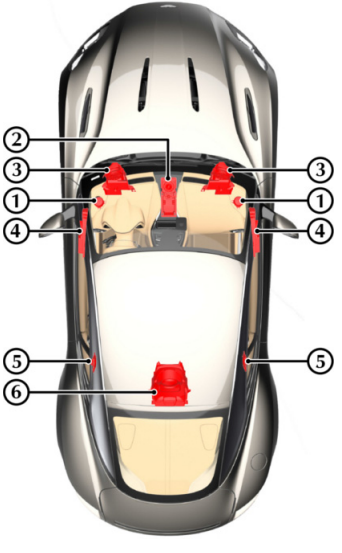
Audio Specification

Radio

- Satellite Radio
- AM and FM radio

Audio Inputs

- 2 x USB ports in centre storage tray
- SD Card reader in centre storage tray
- Bluetooth® Wireless technology
- CD/DVD reader in centre stack



Aston Martin Standard Audio

7 Channel 320W Audio System

Speakers

[1] TWEETERS:

Two 25 mm tweeters.

[2] CENTRE SPEAKER:

N/A

[3] FOOTWELL WOOFERS:

Two 165mm 125W woofers in enclosed cabinets.

[4] DOOR SPEAKERS:

100mm 40W mid-range Speaker in enclosed cabinet in each front door.

[5] REAR QUARTER SPEAKERS:

100mm 40W mid-range Speaker with 19mm tweeter in each rear quarter panel.

[6] SUBWOOFER:

N/A

Aston Martin Premium Audio

10 Channel 640W Audio System

Speakers

[1] TWEETERS:

Two 25 mm tweeters.

[2] CENTRE SPEAKER:

100mm dual voice coil 40W mid-range speaker with 5W tweeter.

[3] FOOTWELL WOOFERS:

Two 165mm 125W woofers in enclosed cabinets.

[4] DOOR SPEAKERS:

100mm 40W mid-range Speaker in enclosed cabinet in each front door.

[5] REAR QUARTER SPEAKERS:

100mm 40W mid-range Speaker with 19mm tweeter in each rear quarter panel.

[6] SUBWOOFER:

200mm dual voice coil 120W+120W subwoofer housed in the rear environment.

Bang and Olufsen Audio

Power Output

13 Channel 1000W Audio System

Speakers

[1] TWEETERS:

Two 19 mm (soft dome) tweeters incorporating Acoustic Lens Technology (ALT).

[2] CENTRE SPEAKERS:

100mm dual voice coil mid-range Speaker with 19mm tweeter.

[3] FOOTWELL WOOFERS:

Two 160mm woofers in enclosed cabinets.

[4] DOOR SPEAKERS:

100mm mid-range Speaker in enclosed cabinet in each front door.

[5] REAR QUARTER SPEAKERS:

100mm mid-range Speaker with 19mm tweeter in each rear quarter panel.

[6] SUBWOOFER:

One 200mm 250W Subwoofer centre mounted in the rear environment.



[1] DISC SLOT:

Slot to insert a CD or DVD disc.

[2] EJECT:



Press to eject disc.

[3] MEDIA:



Opens the ***Media*** screen (Refer to 'Media', page 8.9).
Opens the media source list if media screen is already open.

[4] VOLUME CONTROLS:



Press to increase and to decrease volume. Sliding a finger along the volume bar will also increase or decrease volume.

Volume can also be controlled by the left scroll wheel on the steering wheel.

[5] RADIO:



Open the ***Radio*** screen (Refer to 'Radio', page 8.5).
Opens the radio source list if media screen is already open.

[6] POWER:

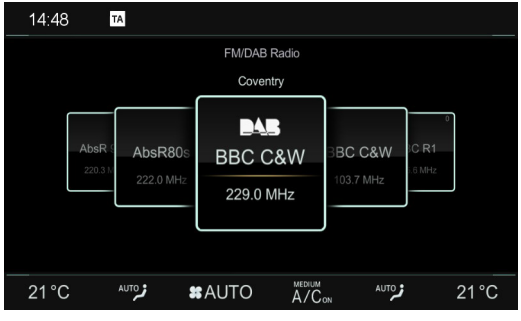


Press to turn the infotainment system ON or OFF.

Radio

Press RADIO on the centre stack or select ***Radio*** from the main menu to open the *Radio* screen.

The display area will show the currently selected radio station and available radio stations.



Press RADIO again or select ***Radio*** to open the menu of available radio sources:

-
- FM Radio
- SiriusXM Radio
- AM Radio
- Radio Presets

Rotate the ***CONTROL DIAL*** to select a radio source and press ***ENTER***.

Radio Stations

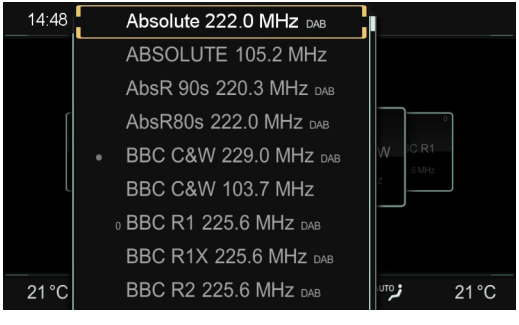
Selecting a station from the display screen

The display screen shows available stations that can be played.

Rotate the ***CONTROL DIAL*** with the centre display highlighted to select a radio station

Selecting a station from the current stations list

Press ***ENTER*** with the centre display highlighted to open the current stations list.



Rotate the ***CONTROL DIAL*** to select a radio station and press ***ENTER***.

Satellite Radio

Satellite or radio modes can be temporarily interrupted or unavailable for a number of reasons such as:

- Tunnels.
- Parking garages.
- Inside or next to buildings.

Sirius XM®[1] Satellite Radio offers 100% commercial-free digital-quality radio channels for music, sports, news and entertainment.

Satellite Radio Registration

Before registering your satellite radio subscription you will need the Sirius XM® ID (ESN number) for your receiver. This can be found in the ***Options*** menu under ***Service*** along with a contact phone number.

To register, call SIRIUS or go online:

North America:

Tel: 1-888-539-7474

http://www.siriusxm.com

Canada:

Tel: 1-888-635-9632

http://www.siriusxm.ca

Registration can take up to 10 minutes. When registration is complete, the message *Updating Channels...* will be shown followed by the satellite radio menu.

1. Sirius, XM and all related marks and logos are trademarks of SiriusXM Radio Inc. and its subsidiaries. All other marks, channel names and logos are the property of thei r respective owners. All rights reserved.

Selecting a channel

Channel Browse

The display screen shows available channels that can be played.

Push the ***CONTROL DIAL*** with the centre display highlighted to browse channels.

Channel List Updates

If new channels become available, *Updating Channels...* is shown as a message on the display. Whilst updating, the last channel selected is set to mute until the update is complete and satellite radio will not be available. When the update is complete, the satellite radio menu will be shown again. If the last selected channel is still available, this channel will resume playing.

Satellite Radio Overview

On the lower information bar there will be the following options:

- Options
- Search
- Category
- Preset
- Band
- Information
- Sound

Options

Tag This Track[1]

Select to store the track and music artist currently being played[2]. Stored tracks can then be later purchased in the iTunes® store.

Music and Sports Alerts

An alert can be set for your favorite artists, tracks or sporting events[3].

Once set, the infotainment system will continuously search through all channels. When a match to one of yours saved alerts is found, a window will show with any related information.

To Set A Music Alert

Select ***Options*** from the lower information bar and select ***Alert for Artist, Track & Sports Event***.

Select ***Add New Alert*** and select either ***Artist*** or ***Track***.

Music alerts can only be saved whilst a track is being played

Music Alert

When a music alert is shown, select ***Change to*** to change the channel and the selected artist or track is played, or select ***Ignore*** and the current channel will continue playing

To Set a Sports Alert

Select ***Options*** from the lower information bar and select ***Alert for Artist, Track & Sports Event***.

Select ***Manage Sport Alerts*** followed by ***Select New Alerts***.

Choose a team from a league to set an alert for.

Editing music and sports alerts

Open ***Alert for Artist, Track & Sports Event*** to view a list of available alerts to edit.

Direct Entry

Opens a window to enter the frequency (AM/FM), channel (SiriusXM) or preset number for a radio station

Current Station List with Artist & Title

Select ***Options*** from the lower information bar and select ***Current Station List with Artist & Title*** to open the channel list. Scroll through the list with the ***CONTROL DIAL*** and press ***ENTER*** to select a channel

Service

The provider's customer service center is available by phone at any time to answer any general questions or questions on the versions available.

To select : turn and press the controller.

To select Service : turn and press the controller. The provider's details appear.

To return to the main display: press the % button.

1. Apple® devices only
2. Not supported by all radio channels.
3. Up to 30 alerts can be stored.

Search

Select the search function  in the lower information bar to open the search window. Enter a search term and select a channel from the list of search results.

Category

Satellite radio channels are sorted into categories such as News/ Discussions, Sports and Country (where available). Categories sorted alphabetically and category content is sorted by channel numbers.

Select ***Category*** on the lower information bar to view the category list. Select a category from the list to show all channels within that category

Presets

The centre display can be set to show stored preset stations instead of available stations.

To set preset view ON or OFF, select ***Presets*** from the lower information bar and select ***Station Preset View***. Press ***ENTER*** to set ON or OFF.

Saved Preset Channels

Quick save:

Select the channel you wish to save. Press and hold ***ENTER*** until the preset list appears.

Rotate the ***CONTROL DIAL*** to select a preset number to save the channel to. A tone will confirm that the channel was successfully saved.

Saving a channel using the edit function:

Select ***Preset*** from the lower information bar and select ***Edit Station Preset***. The list of saved channels will then be shown.

Press and hold ***ENTER*** on a selected preset number to save the current channel. This will overwrite any previously saved channel in the preset number slot.

There are 100 preset slots available.

Band

Select between SiriusXM®, HD Radio FM and HD Radio AM.

Information

Select whether to show the available channels list or information about the current channel.

Information will be available such as:

- Channel logo
- Channel abbreviation
- Current track
- Current track artist

Sound settings

Opens the ***Sound*** menu screen (Refer to 'Sound', page 8.17)

Press MEDIA on the centre stack or select **Media** from the main menu to open the media *Now Playing* screen.

Now Playing screen layout will depend on the media device last used.

Now Playing

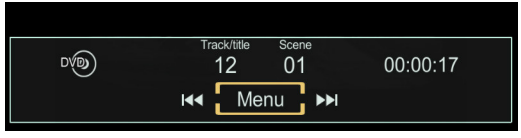
Media

The *Now Playing* screen shows track information such as album art, artist and album name on the left side of the screen along with track play time and track number. Media source device and track name are shown on the right side of the screen.



Video files can also be supported with the infotainment system. To select full screen display, highlight the view window area and press ***ENTER***.

DVD Video Media

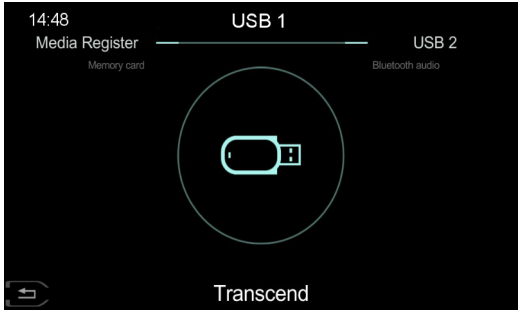


The *Now Playing* screen initially shows video in full screen mode. Press ***ENTER*** to bring up the basic DVD information bar which shows media source, track/title number, scene number and play time. Press ***ENTER*** on ***Menu*** to show the upper and lower information bars. Media playback will continue.

To return to full screen display, push up or down on the ***CONTROL DIAL*** to highlight the display area and press ***ENTER*** on the full screen symbol .

Media Sources

Press ***MEDIA*** or select **Media** from the main menu with to show the available media sources. Rotate the ***CONTROL DIAL*** and press ***ENTER*** to select a media source.



Select from the following media sources:

- Disc
- Memory Card
- Media Register
- USB 1
- USB 2
- Bluetooth Audio

Alternatively, select a media source from *Devices*(Refer to 'Devices', page 8.15).

Media File Systems and Formats

File Systems

CD:

- CD-R
- CD-A
- CD-RW

DVD:

- DVD-R
- DVD-V
- DVD-RW

USB and SD Memory Card:

- FAT16
- FAT32
- exFAT
- NTFS

Media Formats

Audio

- MP3[1]
- WMA[23]
- CD-A
- AAC formats[4]
  - .aac
  - .mp4
  - .m4a
  - m4b

It is recommended to use tracks of at least 128 kbit/s bit rate and a sampling rate of at least 44 kHz. Lower rates may cause a noticeable loss of sound quality.

Video

- DVD-V
- MPEG
- WMV
- M4V
- AVI[5]

1. Fixed and variable bit-rates between 32 kbit/s to 320 kbits/s. Sampling rates between 8 kHz and 48 kHz
2. Fixed bit-rates between 5 kbit/s to 384 kbits/s. Sampling rates between 8 kHz and 48 kHz
3. DRM encrypted files, variable bit rate, WMA Pro and 5.1 Surround files are not supported.
4. Copy-protected iTunes® music files with the .m4p file extension are not supported.

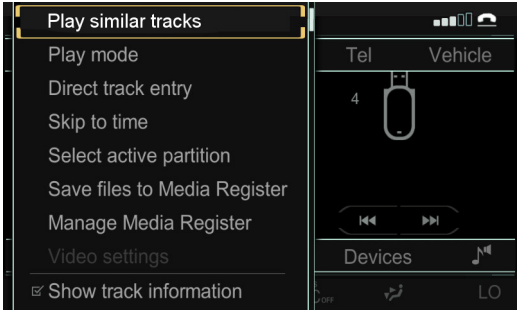
On the lower bar of the *Media* screen there will be there will be several options:

- Options
- Play/Pause
- Search
- Devices
- Sound

5. Up to 720p.

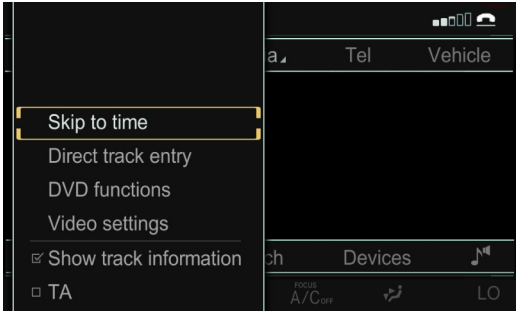
Options

Media Options



- Play similar tracks
- Play mode
- Direct track entry
- Skip to time
- Select active partition
- Save files to Media Register
- Manage Media Register
- Show track information

DVD Video Options



- Skip to time
- Direct track entry
- DVD functions
- Video settings
- Show track information
- TA

Play Similar Tracks

Play tracks that are of the same genre.

Play Mode

Select from *Normal Track Sequence*, *Random Track List* or *Random Media*.

Direct Track Entry

Manually enter track name.

Skip to Time

Rotate the ***CONTROL DIAL*** to select a set time in the track. Press ***ENTER*** to play.

Select Active Partition

(USB devices only)

Select which partition to use if more than one partition is available.[1]

Save Files to Media Register

Save the current file or files to vehicles internal hard drive.

Manage Media Register

Opens the *Media Register* options menu. (Refer to 'Media Register Options', page 8.16)

Video Settings

Opens video settings menu[2].

Show Track Information

Set whether artist and track information is shown in the display screen.

DVD functions

Opens the DVD function menu.



- Return to full screen display.
- Return to the basic DVD information bar.
- Stop playback.
- Pause playback.
- Subtitles.
- Change aspect ratio.
- Return to start of scene or chapter.

1. Up to 9 partitions can be supported.

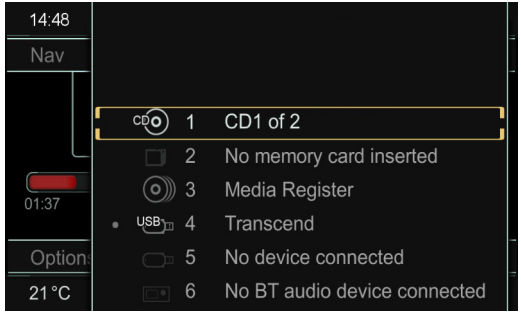
2. Only available if a device contains video files.

Search

Search for a media file from a list of the below information fields:

- Current tracklist
- Folder
- Select by cover
- Keyword Search
- Artists
- Albums
- Tracks
- Genres
- Year
- Composers
- Videos
- Photos

Devices



Opens a list of available media devices.

Sound

Opens the *Sound* menu screen (Refer to 'Sound', page 8.17).

Media Register

The media register can be used to store music, picture and video files directly on the vehicle's hard drive.

Storage capacity for the media register is approximately 10.8 GB, enough to store approximately 10000 minutes of music, 4700 pictures or 1300 minutes of video[1].

Media Register Options

Select the *Manage Media Register* option in the **Options** menu. Choose from the following options:

- Rename/Delete Files
  - Edit
  - Delete
- Delete All Media Files
- Memory Info

1. Values will depend on sound or picture quality.

Bluetooth Audio

Bluetooth Connection

Bluetooth audio must be paired to the vehicle independently from the bluetooth hands free connection.

To select a Bluetooth audio device:

1. Make sure Bluetooth is activated on your device and in discoverable mode[2].
2. Select ***Bluetooth Audio*** as a media source.
3. In the **Options** menu, select **Bluetooth Audio Devices**.
4. Select a Bluetooth enabled device from the list of devices. (Previously paired devices will be shown with a tick symbol.)

   For new devices:
5. Select the device from the list to begin pairing.
6. A code will be shown on the infotainment display. If this code matches the code shown on the Bluetooth device select *Yes* to complete pairing.

   Select *No* to cancel pairing the Bluetooth device.

2. Refer to device manufacturers instructions.

Options

- Bluetooth Audio Devices
- Play mode
- Volume

Bluetooth Audio Devices

Opens menu to manage bluetooth devices.

Play Mode

Select from *Normal Track Sequence*, *Random Track List* or *Random Media*.

Volume

Adjust volume of the vehicle speakers. Volume can also be controlled on the Bluetooth device. To maintain a volume level similar to other media sources, adjust the volume on the Bluetooth device before adjusting volume for the vehicle system.

The *Sound* menu screen can be accessed from either the *Radio* or *Media* screens.

- Equaliser
- Balance/Fader
- Surround
- Sound Focus

Equaliser

Adjust the **Treble**, **Mid-tones** and **Bass** frequencies between -10 and 10

Balance Fader

Adjust the **Balance** (left to right) and **Fader** (front to rear) sound distribution between -10 and 10 (0 is equal distribution).

Surround (Bang & Olufsen only)

Adjust level for surround sound from -10 to 10

Sound Field/Sound Focus

(Audio Level Dependent)

Changes the optimisation of the speakers depending on if how many occupants are in the vehicle. Select from:

- Auto:
  Automatically adjusts the speaker focus for the number of occupants in the vehicle.

📖 *The media system detects occupants from which seat belts are engaged.*

- Driver:
  The sound is optimized for the driver only.
- Front:
  The sound is optimized for both the driver and front seat passenger.

Wi-Fi Hotspot

Your vehicle can be used as a Wi-Fi hotspot hub to provide internet access to other Wi-Fi enabled devices such as a mobile phone or tablet.

📖 *Wi-Fi must be activated on both the internet device and the infotainment system.*

To create a Wi-Fi connection, an Internet-enabled mobile device must be paired to the vehicle (Refer to 'Pairing a Device', page 7.3). Navigate through the device settings to set a mobile hotspot.

📖 *The exact Wi-Fi connection procedure will be device dependant. Follow the manufacturer's operating instructions.*

To activate Wi-Fi on the vehicle:

- Navigate to ***VEHICLE*** on the main menu.
- Select ***System Settings***.
- Select ***Wi-Fi***, then ***Activate*** and set to ON.

To Connect A Device

- Navigate to ***VEHICLE*** on the main menu.
- Select ***System Settings***.
- Select ***Wi-Fi***.

You will have three available connection options:

- Connect via WPS PIN
- Connect via WPS PBC
- Connect Using Security Key

Connect via WPS PIN

For this type of connection, the device to be connected must support "Connect using WPS PIN".

Select the vehicle from the device to be connected and "Connect using WPS PIN". The vehicle SSID will be displayed as MB WLAN XXXXX.

The mobile device will generates a PIN. Enter this PIN into the infotainment system.

Connect via WPS PBC (Push Button)

Select the vehicle from the device to be connected and "Connect via WPS PBC". The vehicle SSID will be displayed as MB WLAN XXXXX.

Select Continue in the infotainment system.

Connect using security key

Select the vehicle from the device to be connected. The vehicle SSID will be displayed as MB WLAN XXXXX.

Enter the security key shown in the infotainment system into the device to be connected.

Generate security key

Select to generate a security key. To save the security key, rotate the ***CONTROL DIAL*** and select Save.

The new security key will now be displayed and verified when a Wi-Fi connection is established.

The connection must be re-established with the newly created security key.



ASTON MARTIN

Satellite Navigation

Safety Information 9.2
Navigation Controls 9.2
Navigation Menu 9.3
Options 9.3
Traffic 9.6
Route 9.7
Position 9.8
Destination 9.9
Navigation Menu 9.13

Safety Information

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

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

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

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

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

Navigation Controls



Press the NAV (A) button or select ***Nav*** from the main menu to open the navigation screen.

Audio Controls



Use the left scroll wheel on the steering (B) to adjust the volume for navigation announcement. Press and hold the scroll wheel button during a navigation announcement to mute.

Navigation Menu



From the navigation menu select from the following options:

- **OPTIONS**
  (Refer to 'Route Settings', page 9.3)
- **TRAFFIC**
  (Refer to 'Traffic', page 9.6)
- **ROUTE**
  (Refer to 'Route', page 9.7)(Only shown during route guidance)
- **POSITION**
  (Refer to 'Position', page 9.8)
- **REPEAT ANNOUNCEMENT**
  Repeat the last route guidance announcement. (Only shown during route guidance)
- **DESTINATION**
  (Refer to 'Destination', page 9.9)

Options

Route Settings

Choose from the following route settings:

- Fast Route
  Finds a with the shortest journey time.
- Dynamic Route
  Finds a route with the shortest journey time but updates with live traffic reports.[1]
- Eco Route
  Finds an economical route. Journey time may be increased compared to using Fast Route.
- Short Route
  Finds a route with the shortest distance.

Calculate Alternative Routes

Switch to ON or OFF to provide alternative route calculations.

1. Live Traffic information is not available in all markets.

Avoid Options

Select from the following options:

- **Avoid Area**
  Select *Avoid New Area* and choose from:
  - Using Map
  - Address Entry

  Or
  Select a previous location
  Push the ***CONTROL DIAL*** to the right to bring up the following options:
  - Display/Change: Show and move the area to be avoided.
  - Delete: Delete the current saved area.
  - Delete All: delete all saved areas.
- **Avoid Motorways**
- **Avoid Ferries**
- **Avoid Motorail Trains**
- **Avoid Tunnels**
- **Avoid Unpaved Roads** (Market Specific)
- **Use Vignette Roads**[1] (Market Specific)
- **Use Toll Roads**
  - Payment in Cash
  - Electronic Billing
  - Off

Map Orientation

Select to change the orientation of the display map. Select from:

- **North Up**
  Map is displayed so that north is always up.
- **Heading Up**
  Map is displayed so that the direction of travel is always up. The red tip of the compass shows north.
- **3-D Map**
  Map is displayed so that the direction of travel is always up, and varying angles of elevation are shown depending on the immediate surrounding environment. The red tip of the compass shows north.

1. Route calculation includes roads which require you to pay a time-based fee (vignette) which allows temporary use of the road network.

Map Content

Choose from the following map content options:

- **POI Symbols on Map**
  - **Standard Symbols:**
    Shows default point of interest symbols.
  - **Personal Symbols:**
    Search from a number of available points of interest to add to add to the map.
  - **No Symbols:**
    Remove point of interest symbols from the map display.
- **Text Information on Map**
  - **Current Street:**
    Street name is displayed at the bottom of the display.
  - **Geo-Coordinates:**
    Show the longitude, latitude, elevation and number of satellites available at the bottom of the display.
  - **None:**
    No information is displayed at the bottom of the display.
- **Motorway Information:**
  Press to display the nearest services, rest areas and motorway junctions.
- **Next Intersecting Street:**
  Shows the next crossroad or joining street at the upper edge of the display when route guidance is not active.
- **Map Version:**
  Shows the map software data version.

Personal POIs

Load any saved personal points of interest from an SD Memory Card

Settings

Choose from the following system settings:

- **Announce Street Names:**
  Set to announce street names during changes of direction. (Market Specific)
- **Audio Fadeout:**
  Set to reduce the volume of media sources during a navigation announcement.
- **Audible Info During Phone Call:**
  Set to enable or disable audible information during a phone call.
- **Reserve Fuel Level:**
  Set to automatically search for a fuel station when the fuel tank reserve level is reached.

Traffic

Traffic Reports from FM RDS-TMC

An RDS-TMC radio station transmits traffic reports in addition to the radio programme. your vehicle can receive these reports and make adjustments to the route guidance. information received will be displayed in the bottom corner of the display and the symbol "TMC".

Traffic Menu

Select **Traffic** from the lower information bar to access the Traffic Menu.

Traffic Symbol Information

Shows a list of available traffic symbols for a traffic report. Select **Details** for a description of the incident and choose **Next** or **Previous** to display other incidents along the route.

Select **Map** to move the map. moving the map enables other traffic incidents to be shown.

Messages On The Route

Shows traffic reports along the route.

If there is more than one traffic report, they will be indicated by a page number. For example 1/3. Push the ***CONTROL DIAL*** left or right to scroll between reports.

Read Out All Message On Route

Select to read out traffic reports along the route. If there are no traffic reports this option will not be available.

To cancel the report being read, select *Cancel Read-Aloud Function*.

Note: The read-aloud function is interrupted automatically if the route is recalculated following a new traffic report.

Read Traffic Announcements Automatically

Select to automatically read aloud all traffic reports on route. Announcements are made automatically when approaching traffic incidents.

All Messages

Shows a list of all roads and areas affected by traffic reports. Roads and areas not on route also appear in the list. Select a location to display the traffic report.

Cancel Traffic Announcements

Press and hold the volume scroll wheel button on steering wheel during traffic announcements to set traffic announcements to off.

Route

Destination Information

Shows the destination and any intermediate destinations along with expected arrival time, distance and journey time.

Select a destination to view details. From the details screen you also have several options:

- **Call:** Call the destination if details are saved into your list of available contacts.
- **Map:** View the destination on the map.
- **Save:** Save the details to your contact book. Details can be saved as one of the following options:
  - **As New Contact:** Enter as a new contact in the contact book.
  - **Add to Contact:** Add address details to an existing contact in the contact book.
  - **As "My Address":** Set the address as your home address.
  - **To The Memory Card:** Save the address details to an SD memory card.

Alternative Route

Shows available alternative routes. Select **Previous** or **Next** to display alternative routes.

The current route is shown in light blue, and alternative routes are shown in dark blue. The most economical route is shown in green.

Select **Start** to start a new route.

Detour

Manually add an area to avoid on the route.

Select **Beginning** and press ***ENTER***. Rotate the ***CONTROL DIAL*** to move through the route and press ***ENTER*** to set the beginning detour area.

Select **End** and repeat to set the end of the detour area.

Select **Start** to start a new route with the requested detour area.

Select **Delete** to delete the set detour.

Route List

Shows the route list as a turn-by-turn list of changes in direction along the route, with distance from the vehicle's position. Scroll through the list to show turns along the route on the map display.

Position

Save

Save the current position to the**From previous destination** list. Saved destination will have a symbol next to the location name.

POI Symbol Guide

Display information about any Points of Interest (POI)s in the immediate area.

Select **Previous** or **Next** to cycle POIs. Select **Details** to show a details for that location or POI.

Details shown include the name of the location, address and road name. Push the ***CONTROL DIAL*** down to access the options for the detail screen. Choose from:

- **Map:** Return to map display screen
- **Call:**Call the location if a phone number is available.
- **Save:** Save the details to your contact book. Details can be saved as one of the following options:
  - As New Contact: Enter as a new contact in the contact book.
  - Add to Contact: Add address details to an existing contact in the contact book.
  - As "My Address": Set the address as your home address.
  - To The Memory Card: Save the address details to an SD memory card.
- **Continue:** Choose **Set as intermediate destination** or **Cancel route guidance**

3D Map Rotation

View the area around the vehicle in a 3D perspective. Rotate the ***CONTROL DIAL*** to change the direction of view or push the ***CONTROL DIAL*** to move the map cursor in that direction.

Where Am I?

Shows the current position. The street name is shown along with the previous turn and next turn in the route list.

If you are not on a recognized road, your position will be shown as geo-coordinates along with compass bearing.

Cancel Route Guidance

Select to cancel current route guidance

Address Entry

Select to open the address entry screen[1].



Enter information for:

- **State/Province**
- **Town**
- **Street**
- **Postal Code**
- **Keyword Search**

Once you have entered one of the above items of information you can filter your search further by adding more information to the above or entering one of the following:

- **Centre:** Centres search of a town or post code area.
- **Intersection:** List streets that connect to the chosen street.
- **No.:** Enter a house number
- **POIs:** Lists local points of interest by category.
- **Save:** Save the details to your contact book. Details can be saved as one of the following options:
  - **As New Contact:** Enter as a new contact in the contact book.
  - **Add to Contact:** Add address details to an existing contact in the contact book.
  - **As "My Address":** Set the address as your home address.
  - **To The Memory Card:** Save the address details to an SD memory card.
- **Start/Continue:** Select to begin route guidance. If you have selected *CALCULATE ALTERNATIVE ROUTES* a list available routes are shown (Refer to 'Alternative Route', page 9.7).

1. A destination cannot be entered if the vehicle is travelling faster than 5 km/h (3 mph)

Keyword Search

Keyword search can be use to find a location without having to enter the full name. Search also allows for spelling mistakes and fragments of words. Town and street names can be searched for at the same time by separating with [␣].

For example: LON REGE can find Regent Street in London. Whilst entering letters into the search field, the results field will update to show the number of exact and approximate matches.

Results are shown in the format (XXX/YYY) where XXX are the number of exact matches to your search and YYY are the number of approximate matches.

Once a location, or part of a location, has been entered the following results are shown:

- Addresses
- POIs in the vicinity
- All POIs
- List Search

A value of 999+ is displayed if there are too many results to display.

Addresses

Shows a list of both exact and approximate addresses that match your search terms. Exact matches are shown at the top of the list in alphabetical order. The search terms used are shown highlighted in the results. Scroll through the results to make a selection. The *Address Entry* screen (Refer to 'Address Entry', page 9.9)will then be shown with fields populated. Select **Start** to begin route guidance.

POIs in the Vicinity

Shows a list of points of interest that match the search terms. Results are show in order of distance from your current location.

All POIs

Shows a list of both exact and approximate points of interest that match your search terms. Exact matches are shown at the top of the list in alphabetical order. The search terms used are shown highlighted in the results.

From Previous Destinations

Search from a list of previously entered addresses. Scroll through the list of available locations and press ***ENTER*** to select a destination from the list. Push the ***CONTROL DIAL*** right to view the following options:

- **Details:** Press ***ENTER*** to view a list of details for that destination.
- **Delete:** Press ***ENTER*** to delete the selected destination.
- **Delete All:** Press ***ENTER*** to delete all previous destinations.

From Contacts

Search from a list of contacts stored on a mobile phone contact list. Contacts that can be selected for route guidance will be shown with a compass symbol next to the contact entry. If a *MY ADDRESS* entry has been saved this can be access even if no mobile phone is connected to the vehicle.

Scroll through the list of available locations and press ***ENTER*** to select a destination from the list or push the ***CONTROL DIAL*** right to view the following options:

- **Details:** View a list of details for that destination.
- **Select From Contacts:** Select entry from the contacts list.
- **Delete Entry:** Delete the selected destination.

From POI

Select to choose a location based on a point of interest.

Near Destination

(Only available while route guidance is active)

Choose a point of interest near your destination.

Current Position

Choose a point of interest near your current location.

Other Town

Choose a point of interest based on another town.

📖 *Only TOWN or COUNTRY will be available as list to select a location from.*

Search By Name

Search by name for all points of interest on the map, or based on one of the above search locations.

Search By Phone Number

Search all points of interest that have a phone number listed. Search results can be filter by entering phone numbers.

📖 *All phone numbers are preceded by a two digit country code. For example +44 for phone numbers in Great Britain.*

Using Map

Find a destination using the map display. Move the cursor by pushing the ***CONTROL DIAL*** in the chosen direction. Rotate the ***CONTROL DIAL*** clockwise to zoom out and counter-clockwise to zoom in. Once you have chosen a destination, press ***ENTER***. The *Address entry* screen will then be shown with relevant fields populated. Select **Start** to begin route guidance.

Intermediate Destinations

Select to show any intermediate destinations added to your route. Scroll through the list of intermediate destinations and press ***ENTER*** to view the following options:

- **Edit:** Edit what point of interest should be in the selected slot in the list of destinations.
- **Move:** Move what slot in the list the selected item is.
- **Delete:** Delete the selected intermediate destination.

To add a new intermediate destination, scroll to an empty slot in the route list and press ***ENTER*** where **Add new** is displayed.

Select a point of interest from the list and all available locations along your route will be shown at the top of the list. All available locations in the vicinity will be shown at the bottom. Press ***ENTER*** to select a location and the *Details* screen will be shown.

From Memory Card

Load a saved route from a SD memory card.

Only available if a SD Memory card with route data is inserted into the SD card slot.

Using Geo-Coordinates

Select to enter a destination using geo-coordinates. Rotate the ***CONTROL DIAL*** to increase or decrease the values, and push the ***CONTROL DIAL*** left or right to change between degrees, minutes, seconds and bearing. Push the***CONTROL DIAL*** up or down to switch between latitude or longitude.

Once a destination has been entered, select **Start Route Guidance** to begin route guidance or select **Save** to save the destination to your contact book. The destination can be saved as one of the following options:

- **As New Contact:** Enter as a new contact in the contact book.
- **Add to Contact:** Add address details to an existing contact in the contact book.
- **As "My Address":** Set the address as your home address.
- **To The Memory Card:** Save the address details to an SD memory card.

Navigation Menu

From the navigation display press the ***NAV*** button, or push the joystick up, to access the main vehicle menu and navigate to ***Nav*** to open the navigation menu.

In the navigation menu you will be shows the options that follow:

- **Navigation:** Returns to the navigation display.
- **Compass:** Show compass direction as well as current geo-coordinates. Select **Compass on the map** to overlay the compass on the map display screen.
- **Qibla:** Shows a compass giving the direction of prayer to Mecca. (Market Specific)
- **Drive Information:** Cycles through information about the journey such as the destination location, distance remaining, distance to next intermediate destination and estimated arrival time.
- **Route Flight:** Shows an animated visualisation of the set route guidance. Select **Play** to begin visualisation. Select **Pause** to pause play through, and **Stop** to end play through and return to the start location.

ASTON MARTIN
ASTON MARTIN



ASTON MARTIN

Vehicle Settings

Vehicle Settings 10.2
Time Settings 10.2
System Settings 10.3

Vehicle Settings

Acoustic Lock Feedback

Set audible lock note ON or OFF.

Auto-Fold Mirror

Set if mirrors are folded when vehicle is locked to ON or OFF.

Locator Illumination

Set locator illumination ON or OFF.

Exterior Light Delay

Select time delay for main lights when headlamps switched ON with ignition OFF.

Tow Away Protection

Set tow away tilt sensor ON or OFF.

Interior Motion Sensor

Set interior motion sensors to ON or OFF.

Ambient Light Brightness

Select brightness level for ambient lighting.

Easy Entry/Exit

Set steering wheel easy entry feature ON or OFF

Time Settings

Automatic Time Settings

Select to set automatic time settings to *ON* or *OFF*.

Time Zone

Select the required local time zone. For example, London GMT.

Once a time zone has been selected, the *Summer Time* menu will open to allow adjustment for summer time settings.[1]

Summer Time

Set summer time adjustment to *Automatic*, *ON* or *OFF*

Set Time Manually

Opens a graphical interface that allows the time to be set manually using the rotary joystick.

Format

Use to set the format for date and time.

1. Not available for all time zones.

System Settings

Favorite Functions

When *Favorite Functions* is selected the below menu options are available. Rotate the joystick to select:

- Navigation
- Radio
- Media
- Vehicle
- Climate Control ON/OFF
- A/C ON/OFF

Press ***ENTER*** on a menu item to access the following options for that item:

- Reassign
- Rename
- Move
- Delete

Display

Select *Display* to access the display settings options:

- Day
  Brighter display colors for clearer viewing during daytime driving conditions.
- Night
  Dark display colors to reduce glare when driving at night.
- Automatic
  Automatically change between day and night display when conditions change.
- Brightness
  Change the level of display brightness between -5 and +5.

Language

Select te language for the vehicle infotainment system from one of the below languages:

- Arabic
- Czech
- Danish
- English (UK)
- English (US)
- French
- German
- Hangul (Korean)
- Italian
- Japanese
- Polish
- Portuguese
- Russian
- Simplified Chinese (Mandarin)
- Spanish
- Swedish
- Traditional Chinese (Cantonese)
- Traditional Chinese (Mandardin)
- Turkish

Voice Control

- Help Window
- Start New Individualisation
- Delete Individualisation
- Individualisation ON

Text Reader Speed

Select to choose a text reader speed from *Fast*, *Medium* or *Slow*.

Rear View Camera

Select to choose between activation by *R Gear* or *Object Detection*

Touchpad

Select to set *Activate Touchpad* or *Read Out Handwriting Recognition* to ON or OFF.

Wi-Fi

Select to open Wi-Fi details(Refer to 'Wi-Fi Hotspot', page 8.18)

Activate Bluetooth

Select to set Bluetooth to ON or OFF

Automatic Volume Adjust

Select to set automatic volume adjust to ON or OFF

Import/Export Data

Select to import or export data such as vehicle settings or navigation data, to a portable media device such as a USB device or SD card. This data can then be used to transfer to another vehicle or to load settings after disconnecting a battery.

Reset

Select to restore all default settings.

Maintenance and Technical Data

Introduction 11.2
Servicing Precautions.....11.3
Catalytic Converters 11.5
Fault Conditions.....11.6
Vehicle Lifting 11.7
Owner Maintenance Checks 11.8
Hood Release.....11.10
Fluid Checks and Capacities.....11.11
Washers and Wipers 11.16
Chassis Systems 11.17
Wheels and Tires.....11.18
US Department of Transportation.....11.25
Electrical Systems 11.32
Vehicle Care 11.45
Powertrain Specifications.....11.48
Performance 11.51
Dimensions 11.52
Vehicle Recovery.....11.54
Fuel.....11.57

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

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

If you think that this vehicle is not functioning correctly, please return it to an Aston Martin Dealer to be checked professionally.

Restraint Systems

Aston Martin recommend that the inflatable (airbags) restraint systems and seat belt components installed to this vehicle are replaced at 10 year intervals from the date of manufacture on the certification label.

Electronic Fuel Injection

⚠ Warning: If the fuel system is allowed to run dry, irreparable damage to the fuel pumps may occur.

⚠ Warning: Any modifications or additions to the fuel system not specifically designed by Aston Martin are prohibited. If carried out, they may cause damage to the fuel system which in some circumstances could result in fire. All Service Action and Safety Recall Campaigns must be undertaken by an Aston Martin Dealer.

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

Parts and Lubricants

Aston Martin recommends that when performing a servicing task, the recommended lubricants (Refer to 'Fluid Specifications', page 11.14)and parts are used

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

Emission Warranty

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

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

Warning: Protect yourself against dangerous substances .

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

Warning: Avoid skin contact with all exhaust system and engine components, engine fluids and escaping steam. They may be hot and can cause scalding or burns.

Warning: Any loose objects, such as ties, should be removed before working on a vehicle. Any jewellery should also be removed before working on a vehicle, especially the electrical system.

Warning: Do not breathe exhaust fumes. Exhaust fumes contain carbon monoxide. Carbon monoxide is a dangerous gas, which is colorless and odourless and can cause unconsciousness and may be fatal. Never start or leave the engine running in an enclosed, unventilated area.

⚠ *Warning: Do not work beneath the vehicle with a vehicle lifting jack as the only support. Place suitable stands under the vehicle.*

⚠ *Warning: Keep children and pets clear of the vehicle. Do not let anyone inside the vehicle unless specifically working to your instructions.*

⚠ *Warning: Whenever possible, work in the engine compartment with the engine cool, the ignition OFF and the vehicle battery disconnected.*

⚠ *Warning: Petrol is highly flammable and, in confined spaces, is also explosive and toxic. In the event of spillage, set the engine to OFF. Do not use a flame or spark near fuel or fuel vapour. Do not smoke near fuel or fuel vapour. Do not inhale fuel vapour or fumes.*

Dangerous Substances

⚠ *Warning: Dangerous substances should be kept out of reach of children.*

⚠ *Warning: Many liquids and other substances used in motor vehicles are poisonous and should under no circumstances be consumed and should, so far as possible, be kept from contact with the skin. These substances include battery electrolyte, antifreeze, oil, brake and clutch fluid, petrol, windshield washer additives, lubricants, refrigerant and various adhesives.*

⚠ *Warning: Particular care should be taken to avoid unnecessary contact with used engine oil. Always read carefully the instructions printed on labels or stamped on components and follow them carefully. Such instructions are included for reasons of your health and personal safety. Never disregard them.*

Engine Oils

⚠ Warning: Prolonged and repeated contact with used engine oils can cause serious skin disorders, including dermatitis and cancer. Avoid excessive contact, wash thoroughly after contact. Keep out of reach of children. When your oil is changed, be sure that it is done by an experienced person. In addition, observe all laws regarding the disposal of waste oil and toxic fluids.

Protect The Environment

⚠ Warning: It is illegal to pollute drains, water courses, or soil. Use authorized waste disposal facilities, including civic amenity sites and garages providing facilities for receipt of used oil. If in doubt, contact your local authority for advice.

Catalytic Converters

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

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

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

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 instrument cluster. Touchtronic and sport modes will be disabled. Gearshifts will still be possible but shift quality will be reduced.

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

Contact your Aston Martin Dealer.

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

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

At a speed above 20 km/h (13 mph) the vehicle will continue in third or fifth gear.

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

Vehicle Lifting

⚠ Warning: Make sure that no persons are in the vehicle before the vehicle is lifted.

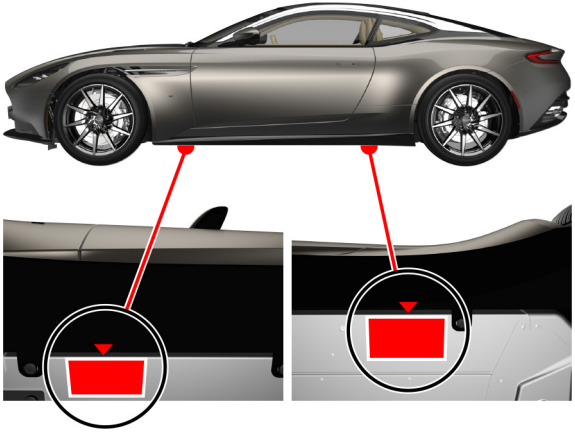
⚠ Warning: Make sure that the park brake is applied and that the vehicle transmission is in P (Park).

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

⚠ Warning: Do not lift the vehicle by placing a jack or other lifting equipment under the suspension arms.

⚠ Warning: Do not use a jack or other lifting equipment further inboard on the vehicle than the jacking points shown.

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



Owner Maintenance Checks

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 driving large distances or touring)

- Tire condition
- Coolant level
- Brake fluid level
- Air conditioning operation
- Windshield washer fluid level
- Check operation of windshield 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 (Refer to 'Engine Oil Level', page 11.12).

Tool Kit

The following emergency items are located in stowage box tool kit in the luggage compartment.

[1] : Tire repair kit (Refer to 'Tire Inflation Kit', page 11.23).

[2] : Towing eye

[3] : Funnel for emergency fuel fill

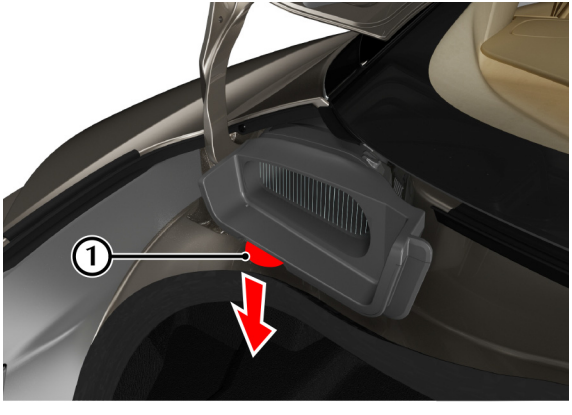
[4] : Locking wheel nut key (optional)

[5] : First aid kit (optional)

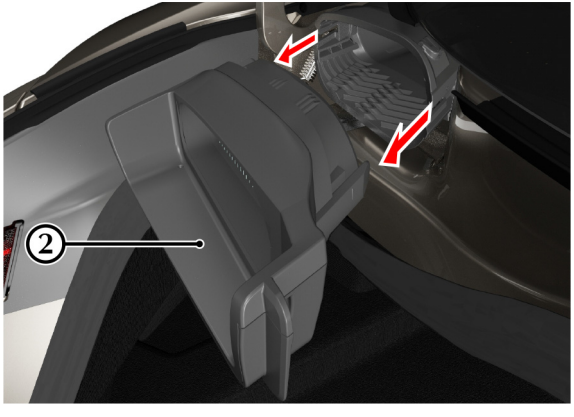
Aeroblade Filter

Over time it may become necessary to clean the filter traps for the Aeroblade ducts.

- Press the release tab (1) down to unlatch the filter trap.



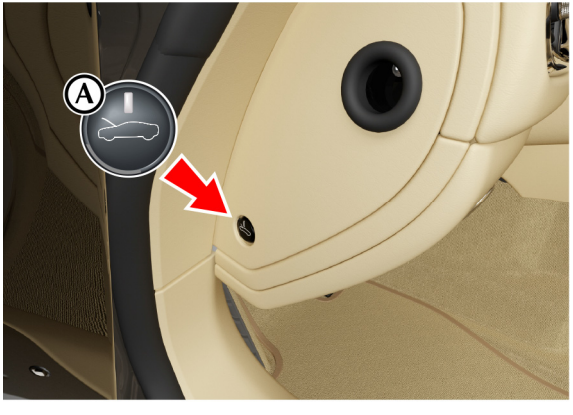
- Remove the filter trap (2) from the aeroblade duct. Clean the filter and remove any obstructions such as leaves.



- Slide the filter trap back into the aeroblade duct making sure the guides engage correctly.

Hood Release

To open the hood press the button (A) located on the end of the instrument panel to release the hood latches.



The hood release button is always on the driver's end of the instrument panel and changes with hand of drive.

Lift on the rear edges of the hood and pull upward. Lift the hood until fully open. The hood is then held open by two gas struts.

To close the hood lower the hood until it starts to fall under its own weight. At that point let the hood fall to close. If the hood does not shut, open the hood again and repeat the closure procedure, this time assist using light hand pressure as the hood falls

Emergency Hood Release

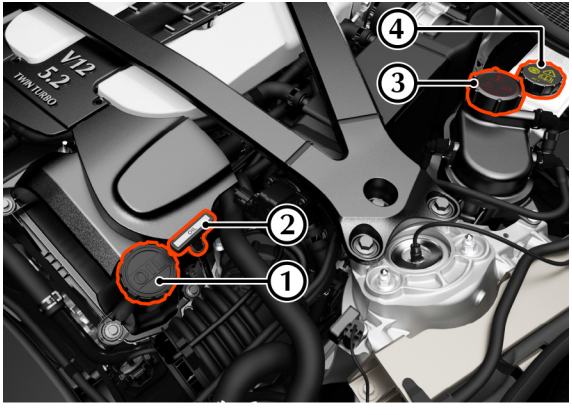
In the unlikely event that either the hood release switch fails to operate or the vehicle battery is fully discharged there are two manual release cables (A) located either side of the instrument panel.



Pull both cables to release the latches for the hood.

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

V12 Engine



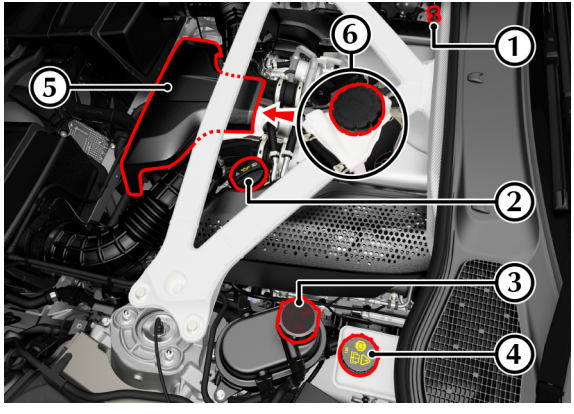
[1] : Engine oil filler cap.

[2] : Engine oil dipstick.

[3] : Engine coolant reservoir.

[4] : Brake fluid reservoir[1].

V8 Engine



[1] : Engine oil dipstick.

[2] : Engine oil filler cap.

[3] : Engine coolant reservoir.

[4] : Brake fluid reservoir[1].

[5] : Forward engine cover

[6] : Charge-cooler coolant reservoir (under forward engine cover (5)).

The charge-cooler system is maintenance free and should only require checking by your Aston Martin Dealer during regular vehicle services.

1. Changes sides for left and right hand drive.

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 can cause excessive engine wear, a build up of sludge and deposits, and increased pollution. It could also lead to engine failure (Refer to 'Fluid Specifications', page 11.14).

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.

1. Run the engine until it reaches normal operating temperature.
2. Wait 15 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.

V12 engine: Approximately two quarts are required to bring the oil level from Min. to Max.

V8 engine: Approximately one and a half quarts are required to bring the oil level from Min. to Max.

8. Wait for approximately two minutes for the engine oil to settle, then repeat steps 3 to 6 . Add engine oil if required. **Do not overfill**.
9. Securely fit the engine oil filler cap.

Engine Oil Level Sensing

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

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

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

The system may not record an oil level if the engine oil temperature is low.

For the correct engine oil (Refer to 'Fluid Specifications', page 11.14).

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

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.



2. Make sure that the filler cap is secure after topping up.

Do not over tighten.

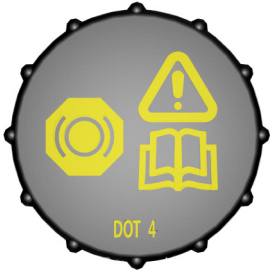
Brake Fluid Level

⚠ 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.

Fluid Specifications

Fuel

Minimum 95 RON unleaded fuel.

Recommended 98 RON Super unleaded for optimum performance.

Engine Oil - V12 Engine

A fully synthetic 0W-20 oil meeting the specifications detailed below can be used. No other viscosity grades or specifications are acceptable

! To achieve the required high performance of synthetic lubricants, do not mix with mineral oils.

Authority	Standard
API	SN
ILSAC	GF5

Engine Oil - V8 Engine

A fully synthetic 0W-40 oil meeting the specifications detailed below can be used. No other viscosity grades or specifications are acceptable

! To achieve the required high performance of synthetic lubricants, do not mix with mineral oils.

Authority	Standard
API	SN
ILSAC	GF5

Only use oils 'Certified For Gasoline Engines' by the American Petroleum Institute (API). An oil with this trademark symbol conforms to the current engine and emission system protection standards and fuel economy requirements of the International Lubricant Standardization and Approval Committee (ISLAC), comprised of U.S. and Japanese automobile manufacturers.



Engine Coolant

Contact your Aston Martin Dealer for information on engine coolant.

Brake Fluid

DOT 4

Air Conditioning Refrigerant

Refrigerant gas types must not be mixed. If you do, the air conditioning system can be damaged. If in doubt, consult your Aston Martin Dealer.

HFC134A / HFO1234YF[1]

1. Market dependent

Capacities

	V12	V8
Fuel Tank	80L[1]	
	21.1 Gallons	
Engine Sump (including filter)	10.8 Litres	8.5 Litres
	11.4 Quarts	8.9 Quarts
Engine Coolant (includes transmission cooling)	29.7 Litres	18.6 Litres
	31.4 Quarts	19.6 Quarts
Charge Cooler Coolant	N/A	6.7Litres
		7.0 Quarts
Automatic Gearbox (including cooler)	8.5 Litres	
	8.9 Quarts	
Automatic Transmission Differential	1.1 Litres	
	1.1 Quarts	
Screen Washer Reservoir	4.0 Litres	
	4.2 Quarts	

1. 75L Usable

Windshield Wash Fluid

To refill the washer fluid, open the washer fluid reservoir cap (A) and top up as required. In winter, to prevent the windshield wash fluid freezing, increase the fluid concentration (refer to the manufacturers recommendations on the windshield wash fluid container).



When the level of windshield wash fluid is low an information message will show in the message centre 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 windshield washer fluid. A windshield washer fluid with limited VOC content should be used only if it provides adequate freeze resistance for all regions and climates in which the vehicle will be operated.

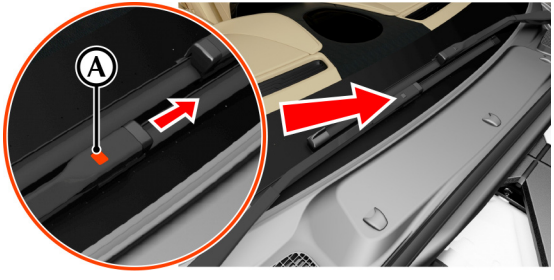
Windshield Washer Jets

The washer jet housings are located on the rear edge of the hood. Each housing contains two washer jets.

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

Wiper Blade Replacement

To remove a wiper blade, lift the wiper arm and press at point (A) to release the wiper blade.



Slide a new wiper blade on to the wiper arm until it locks into place.

Vehicle Body

Two door coupe with 2+2 seating

- Extruded aluminium bonded monocoque body structure
- Curlicue front and Aston Martin AeroBlade rear integrated aerodynamics
- Deployable spoiler

Steering

Electrically assisted, speed sensitive rack and pinion power steering. Electrical column adjustment for reach and tilt

Turns Lock to Lock

2.375 turns

Turning Circle

11.75 Metres

Total Toe

Refer to your Aston Martin Dealer for the correct data

Suspension

Front

Independent double aluminium wishbone incorporating anti-dive geometry. Coil over aluminium monotube dampers and anti-roll bar.

Rear

Multi-link suspension with hollow-cast lower control arms and hot-forged aluminium link arms. Coil over aluminium monotube dampers and anti-roll bar.

Brakes

Foot Brake

	Front	Rear
Rotor Construction	2-piece ventilated rotor	Combination cast ventilated rotor
Diameter	400mm	360mm
Calipers	Six Piston	Four Piston

Park Brake

Electrically operated independent park brake calipers on each rear brake rotor.

Chassis Features

- Three user selectable adaptive damping settings;
  - GT
  - Sport
  - Sport+
- Automatic ride height adjustment
- Anti-Lock Braking System (ABS)
- Hydraulic Brake Assist (HBA)
- Electronic Brake Force Distribution (EBD)
- Emergency Brake Assist (EBA)
- Three-stage Electronic stability Program (ESP)
- Dynamic Torque Vectoring (DTV)

Wheels

Cast Alloy Wheels

Front	Rear
9j x 20	11j x 20

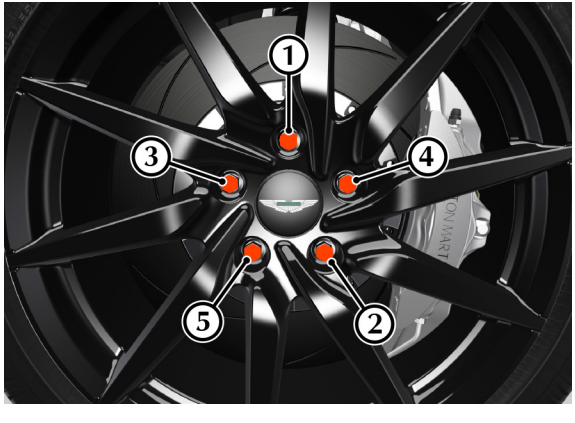
Wheel Bolt Torque

You must use an applicable plastic-sleeved socket to remove, install, and tighten the wheel bolts. This will help to prevent damage to the surface of the wheel.

All wheel bolts must be tightened in two stages:

- Tighten every second wheel bolt (in the order shown) to 70 Nm (52 lb/ft) until all five bolts are tightened.

If a locking wheel bolt is installed, this should be installed last.



- Tighten every second wheel bolt (in the order shown) to 150 Nm (111 lb/ft) until all five bolts are tightened.

Tires

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

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

Tires of the correct size and type, but made by different manufacturers can have widely varying characteristics.

Tire Loading

Tires installed to this vehicle shall have a maximum load rating not less than 825 kg (1819 lbs) front and 925 kg (2039 lbs) rear, or a load index of 101 (front) and 105 (rear).

Tire Pressures

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

Check tire pressures regularly and before starting any journey, and adjust accordingly.

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

Tire Air Pressures

	Front	Rear
Summer Tires	2.5 Bar 36 Psi	2.6 Bar 38 Psi
Winter Tires	2.5 Bar 36 Psi	2.6 Bar 38 Psi

Tire Information

Damage

Tires should be examined at regular intervals for wear and damage. Inspect the tire treads and sidewalls for damage, i.e. bulges in the tread or the sidewalls, cracks in the tread groove and separation in the tread or the sidewalls. If damage is observed or suspected have the tire inspected by a tire professional.

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

Flat Spots

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

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

Age

Local regulations on tire life may apply.

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

New Tires

When new tires are required consult your Aston Martin Dealer for advice if the rear tires are also worn. Each wheel and tire unit must be balanced dynamically and measured for Radial Force Variation (RFV) to make sure of efficient steering, optimum tire wear and maximum ride comfort. Because of the potentially high speeds, it is essential that wheel balancing is carried out when new tires are installed. Contact your Aston Martin Dealer for more information.

Running-In New Tires

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

Tread Wear Marks



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

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

Summer Tires

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

The recommended tires for this vehicle are asymmetrical and must be installed to the wheel with the tire mark 'OUTSIDE' on the outside of the wheel rim.

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

Summer Tire Specifications

	Front	Rear
Bridgestone S007	255/40 R20 (Y)	295/35 R20 (Y)

Winter Tires

The tires installed as original equipment are designed with a rubber compound, tread pattern and width specially suited for high speeds in normal road conditions, but they are less suitable during extremes of low temperatures, snow and ice. The use of winter tires will considerably improve handling during these conditions.

Only use Aston Martin approved winter tires.

⚠ Warning: The maximum speed limit of the vehicle should be reduced when winter tires are installed. Winter tire speed limits and information should be provided upon installation. Please consult your Aston Martin Dealer for more information.

Winter tires must be installed to the correct winter wheels.

Winter tires must be used in vehicle sets, that is, installed on all four wheels. Do not exceed the tire speed rating when using winter tires.

Winter Tire Specifications

	Front	Rear
Bridgestone Blizzak	255/40 R20 W	295/35 R20 W

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.

Tire Inflation Kit

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

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

⚠ Warning: If a tire pressure of 1.8 bar (26 Psi) cannot be reached then the tire can not be sealed. Do not attempt to re-inflate the tire. Contact your Aston Martin Dealer.

⚠ Warning: If the pressure in the tire after driving for 3 km is below 1.3 bar (19 PSI) the tire has not been effectively sealed. The journey should not be continued. Contact your nearest Aston Martin Dealer.

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

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

Inform the tire specialist that the tire contains sealant.

Remains of liquid sealant must be handed over to your dealer or disposed of in compliance with local waste disposal regulations. Dispose of empty sealant bottles together with normal household waste.

Operation

Remove the tire sealant kit from its location in the trunk. Follow the instructions detailed on the lid.

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

- Make sure that the vehicle is parked far enough from traffic so that there is no danger from passing vehicles and so that you do not disrupt the traffic.
- The system should only be used between temperatures of –40°C and 70°C.
- A maximum speed of 80 km/h (50 mph) may not be exceeded at any time after sealing the tire with the system.
- The system provides only a **temporary emergency repair** for continuing the journey up to 200 km (125 miles) or to the nearest Aston Martin Dealer.
- If the nearest Aston Martin Dealer is over 200 km (125 miles) away, contact your Aston Martin Dealer.
- The system will effectively seal a tire that was punctured by an object with a diameter of up to 6 mm. It is possible that a tire, especially with greater damage, will not be sealed. Do not remove objects that punctured the tire if they are still lodged in the tire.
- The sealant bottle needs to be exchanged before it expires. **Do not** use the system after the expiry date on the sealant bottle or casing has been reached. Contact your nearest Aston Martin Dealer.
- Do not attempt to inflate other objects without using a system adapter and do not inflate objects with a volume greater than 50 litre (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.

Uniform Tire Quality Grades

The following information relates to the tire grading system developed by the National Highway Traffic Safety Administration, which grades tires by tread wear, traction and temperature performance. All passenger vehicle tires must conform to federal safety requirements in addition to these grades.

Tread Wear

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half (1½) times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate

Traction

⚠ Warning: The traction grade assigned to this tire is based on straight-ahead braking traction tests and does not include acceleration, cornering, hydropluning, or peak traction characteristics.

The traction grades, from highest to lowest, are AA, A, B, and C. The grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

Temperature

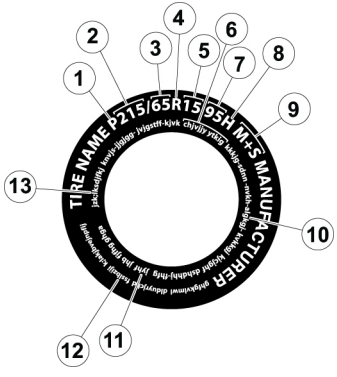
⚠ Warning: The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

Tire Sidewall Information

Both US and Canada Federal regulations require tire manufacturers to place standardized information on the sidewall of all tires. This information identifies and describes the fundamental characteristics of the tire and also provides a Tire Identification Number for safety standard certification and incase of a recall.

'P215/65R15 95H' is an example of a tire size, load index and speed rating. The definitions of these items are listed below.



Information on 'P' Type Tires

The tire size, load index and speed rating for your vehicle may be different from this example.

[1] P: A tire, designated by the Tire and Rim Association (T&RA), that may be used for service on cars, SUVs, minivans and light trucks.

If your tire size does not begin with a letter this may mean it is designated by either ETRTO (European Tire and Rim Technical Organization) or JATMA (Japan Tire Manufacturing Association).

[2] 215: The nominal width of the tire in millimetres from side wall edge to side wall edge. In general, the larger the number, the wider the tire.

[3] 65: The aspect ratio which gives the tire's ratio of height to width.

[4] R: Shows a "radial" type tire.

[5] 15: The wheel or rim diameter in inches. If you change your wheel size, you will have to purchase new tires to match the new wheel diameter.

[6] TIRE IDENTIFICATION NUMBER (TIN): (Also known as 'DOT Code') The Tire Identification Number (TIN) begins with the letters 'DOT' and shows that the tire meets all federal standards. The next two numbers or letters are the plant code designating where it was manufactured, the next two are the tire size code and the last four numbers represent the week and year the tire was built. For example, the numbers 317 mean the 31st week of 1997. After 2000 the numbers go to four digits. For example, 2501 means the 25th week of 2001. The numbers in between are identification codes used for traceability. This information is used to contact customers if a tire defect requires a recall.

[7] 95: The tire's load index. It is an index that relates to how much weight a tire can carry.

You may not find this information on all tires because it is not required by federal law.

[8] H: The tire's speed rating. The speed rating denotes the speed at which a tire is designed to be driven for extended periods of time under a standard condition of load and inflation pressure. The tires on your vehicle may operate at different conditions for load and inflation pressure. These speed ratings may need to be adjusted for the difference in conditions. The ratings range from 81-186 mph. These ratings are listed in the following chart.

Letter Rating	Speed Rating
M	81 mph
N	87 mph
Q	99 mph
R	106 mph
S	112 mph
T	118 mph
U	124 mph
H	130 mph
V	149 mph
W	168 mph
Y	186 mph

For tires with a maximum speed capability over 149 mph, tire manufacturers sometimes use the letters ZR. For those with a maximum speed capability over 186 mph, tire manufacturers always use the letters ZR.

[9] TIRE TYPE:

- M+S or M/S

  Mud and Snow
- AT

  All Terrain
- AS

  All Season.

[10] TIRE PLY COMPOSITION AND MATERIAL USED: Shows the number of plies or the number of layers of rubber-coated fabric in the tire tread and sidewall. Tire manufacturers also must show the ply materials in the tire and the sidewall, which include steel, nylon, polyester, and others.

[11] MAXIMUM LOAD: Shows the maximum load in kilograms and pounds that can be carried by the tire. Refer to the Safety Compliance Certification Label, which is located on the B-Pillar or the edge of the driver's door, for the correct tire pressure for your vehicle.

[12] TREAD WEAR, TRACTION AND TEMPERATURE GRADES:

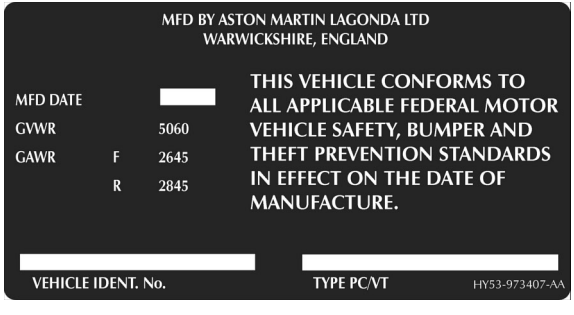
(Refer ro page 11.25).

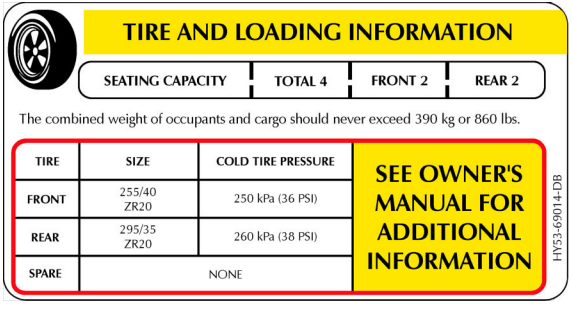
[13] MAXIMUM PERMISSIBLE INFLATION PRESSURE: (Refer ro page 11.30)

Vehicle Loading

⚠ Warning: Overloading the vehicle can negatively affect the handling and stopping performance of the vehicle tires.

Correctly loading this vehicle will provide maximum return of vehicle design performance. Before loading this vehicle, familiarize yourself with the following terms for determining the vehicle's weight ratings from the vehicle's Safety Compliance Certification Label.





The illustrations shown are examples and may not accurately describe the labels on this vehicle.

MFD Date: Month and Year the vehicle was manufactured (e.g. 08 / 16 = August 2016).

GVWR: Gross vehicle weight (curb weight + full payload).

GAWR F: Maximum load on the front axle.

GAWR R: Maximum load on the rear axle.

Seating Capacity: Shows the maximum number of passengers.

Payload: Make sure that the payload (cargo + passengers) does not exceed this limit.

Tire sizes: The size of tires to be used on this vehicle.

Cold inflation pressure: The maximum recommended tire inflation pressure.

Both labels are located on the vehicle door opening edge.



Payload: The payload is the combined weight of cargo and passengers that the vehicle is carrying. The maximum payload for your vehicle can be found on the Tire Label on the edge of the driver's door. Look for 'The Combined Weight of Occupants and Cargo Should Never Exceed XXX kg OR XXX lb' for maximum payload. The payload listed on the Tire Label is the maximum payload for the vehicle as built by the assembly plant. If any after market or Aston Martin Dealer installed equipment has been installed on the vehicle, the weight of the equipment must be subtracted from the payload listed on the Tire Label in order to determine the new pay load.

Gross Vehicle Weight: The maximum recommended weight for a vehicle, including: the weight of the vehicle itself, fuel and other fluids, passengers, and all cargo.

Determining the Correct Load Limit

1. Locate the statement 'The combined weight of occupants and cargo should never exceed XXX kg or XXX lb' on the vehicle's tire label.
2. Determine the combined weight of the driver and passengers that will be riding in the vehicle.
3. Subtract the combined weight of the driver and passengers from XXX kg or XXX lb.
4. The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the 'XXX' amount equals 1250 lb and there will be four 150 lb passengers in the vehicle, the amount of available cargo and luggage load capacity is 650lb (1250–600 (4x150) = 650 lb).
5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

Maximum Permissible Inflation Pressure

The maximum permissible inflation pressure is the tire manufacturer's maximum permissible pressure and / or the pressure at which the maximum load can be carried by the tire. This pressure is normally higher than the manufacturer's recommended cold inflation pressure which can be found on the Safety Compliance Certification Label or Tire Label.

The cold inflation pressure should never be set lower than the recommended pressure on the Safety Compliance Certification Label or Tire Label.

The recommended cold inflation tire pressures for this vehicle can also be found in handbook (Refer to 'Tire Pressures', page 11.20).

Safety Practices

⚠ Warning: If your vehicle is stuck in snow, mud, sand, etc., do not rapidly spin the tires; spinning the tires can tear the tire and cause an explosion. A tire can explode in as little as three to five seconds.

⚠ Warning: Do not spin the wheels at over 35 mph. The tires may fail and injure a passenger or bystander.

Driving habits have a great deal to do with your tire mileage and safety.

- Observe posted speed limits.
- Avoid fast starts, stops and turns.
- Avoid potholes and objects on the road.
- Do not run over curbs or hit the tire against a curb when parking.

Highway Hazards

No matter how carefully you drive there's always the possibility that you may eventually have a flat tire on the highway. Drive slowly to the closest safe area out of traffic. This may further damage the flat tire, but your safety is more important. If you feel a sudden vibration or ride disturbance while driving, or you suspect your tire or vehicle has been damaged, immediately reduce your speed. Drive with caution until you can safely pull off the road. Stop and inspect the tires for damage. If a tire is under-inflated or damaged, deflate it, remove the wheel and replace it with your spare tire and wheel. If you can not detect a cause, have the vehicle towed to the nearest repair facility or tire dealer to have the vehicle inspected.

Tire Terminology

Tire Label: A label showing the OE (Original Equipment) tire sizes, recommended inflation pressure and the maximum weight the vehicle can carry.

Tire Identification Number (TIN): A number on the sidewall of each tire providing information about the tire brand and manufacturing plant, tire size and date of manufacture. Also referred to as DOT code.

Inflation Pressure: A measure of the amount of air in a tire.

Standard Load: A class of P-metric or Metric tires designed to carry a maximum load at 35psi [37psi (2.5bar) for Metric tires]. Increasing the inflation pressure beyond this pressure will not increase the tire's load carrying capability.

Extra Load: A class of P-metric or Metric tires designed to carry a heavier maximum load at 41psi [43psi (2.9 bar) for Metric tires]. Increasing the inflation pressure beyond this pressure will not increase the tire's load carrying capability.

kPa: Kilo pascal, a metric unit of air pressure.

PSI: Pounds per square inch, a standard unit of air pressure.

Cold Inflation Pressure: The tire pressure when the vehicle has been stationary and out of direct sun light for an hour or more and prior to the vehicle being driven for 1 mile (1.6km).

Recommended Inflation Pressure: The cold inflation pressure found on the Safety Compliance Certification Label or Tire Label (found on the edge of the driver's door).

Bead Area of the Tire: Area of the tire next to the rim.

Sidewall of the Tire: Area between the bead area and the tread.

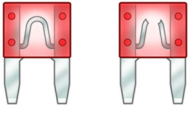
Tread Area of the Tire: Area of the perimeter of the tire that contacts the road when mounted on the vehicle.

Rim: The metal support (wheel) for a tire or a tire and tube assembly upon which the tire beads are seated.

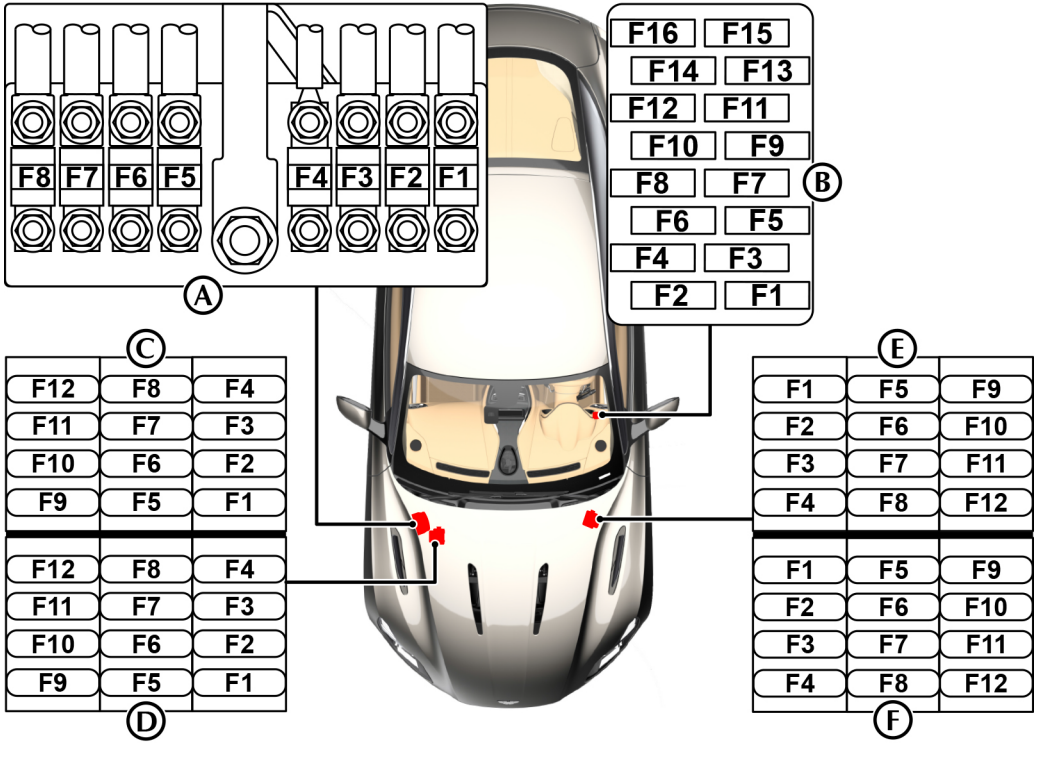
Fuses

The 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.



Front Fuses


F8 F7 F6 F5 F4 F3 F2 F1
A
F16 F15
F14 F13
F12 F11
F10 F9
F8 F7
B
F6 F5
F4 F3
F2 F1
C
F12 F8 F4
F11 F7 F3
F10 F6 F2
F9 F5 F1
F12 F8 F4
F11 F7 F3
F10 F6 F2
F9 F5 F1
D
E
F1 F5 F9
F2 F6 F10
F3 F7 F11
F4 F8 F12
F1 F5 F9
F2 F6 F10
F3 F7 F11
F4 F8 F12
F

Engine Primary Fuse Box (A)

V12 Engine

F1	150A	Electronic Power Assisted Steering (EPAS)
F2	100A	Cooling Fan
F3	150A	Right Side Engine Fuse Box
F4	50A	ABS Module
F5	100A	Left Side Powerhold Fuse Box
F6	100A	Right Side Powerhold Fuse Box
F7	100A	Left side Engine Fuse Box
F8	100A	Left side Engine Fuse Box

V8 Engine

F1	150A	Electronic Power Assisted Steering (EPAS)
F2	100A	Cooling Fan
F3	150A	Right Side Engine Fuse Box
F4	50A	ABS Module
F5	100A	Right Side Engine Fuse Box
F6	100A	Right Side Powerhold Fuse Box
F7	100A	Right Side Powerhold Fuse Box
F8	100A	Left Side Powerhold Fuse Box

IP Fuse Box (B)

F1	10A	Control Dial Touch Pad Instrument Cluster Fan
F2	15A	HVAC Module
F3	5A	Instrument Cluster
F4	15A	OBD Socket
F5	20A	Infotainment Unit
F6	5A	SCCM
F7	20A	Drive Unit
F8	5A	Tracker
F9	7.5A	Steering Column Control Module (SCCM)
F10	15A	Common Powertrain Control (CPC) module
F11	5A	Centre Stack Panel
F12	5A	CPC module
F13	7.5A	Central Display
F14	10A	OBD Socket
F15	20A	Electronic Steering Lock
F16	5A	Feedback signal to Body Controller - Front (BCF)

Right Powerhold Fuse Box (C)

V12 Engine

F1	-	-
F2	-	-
F3	-	-
F4	-	-
F5	10A	HEGO Sensor Bank A Catalyst Monitor Bank A
F6	20A	Coolant water pump A Central Fan Module
F7	5A	Oil Level Sensor Mass Air Flow (MAF) Sensor A Cannister Purge A Starter Relay Secondary Air Relay A
F8	10A	Diagnostic module for Tank Leak (DMTL)
F9	20A	Fuel Injectors Bank A
F10	15A	Ignitions Coils Bank A
F11	10A	Variable Cam Timing (VCT) unit A Compressor Valve A Secondary Air Injector A Variable Oil Pump Coolant Pump Run On
F12	15A	Differential Cooling Pump

V8 Engine

F1	-	-
F2	-	-
F3	-	-
F4	-	-
F5	-	-
F6	20A	Coolant water pump B
F7	20A	Cooling Fan
F8	20A	Coolant water pump A
F9	25A	Engine Supply
F10	25A	Engine Supply
F11	10A	Purge Valve A Purge Valve B Diagnostic module for Tank Leak (DMTL)
F12	15A	Differential Cooling Pump

Right Side Engine Fuse Box (D)

V12 Engine

F1	5A	ECM Keep Awake
F2	15A	Right Side Powerhold Supply
F3	5A	Right Side Powerhold Control
F4	5A	ABS Module
F5	30A	Right Side Wiper Motor
F6	40A	ABS Module
F7	40A	Secondary Air Pump A
F8	-	-
F9	30A	Starter Motor
F10	15A	Horn
F11	5A	Hood Latches
F12	-	-

V8 Engine

F1	5A	ECM Keep Awake
F2	15A	Right Side Powerhold Supply
F3	5A	ABS Module
F4	30A	Starter Motor
F5	30A	Left Side Wiper Motor
F6	30A	Right Side Wiper Motor
F7	5A	Relay Tracker
F8	40A	ABS Module
F9	-	-
F10	15A	Horn
F11	5A	Hood Latches
F12	-	-

Left Side Engine Fuse Box (E)

V12 Engine

F1	5A	ECM Keep Awake
F2	15A	Left Side Powerhold Supply
F3	5A	Left Side Powerhold Control
F4	5A	Tracker
F5	30A	Left Side Wiper Motor
F6	40A	Secondary Air Pump B
F7	-	-
F8	-	-
F9	40A	Vacuum Pump
F10	-	-
F11	-	-
F12	5A	Vacuum Pump Monitor

V8 Engine

Not Applicable

Left Powerhold Fuse Box (F)

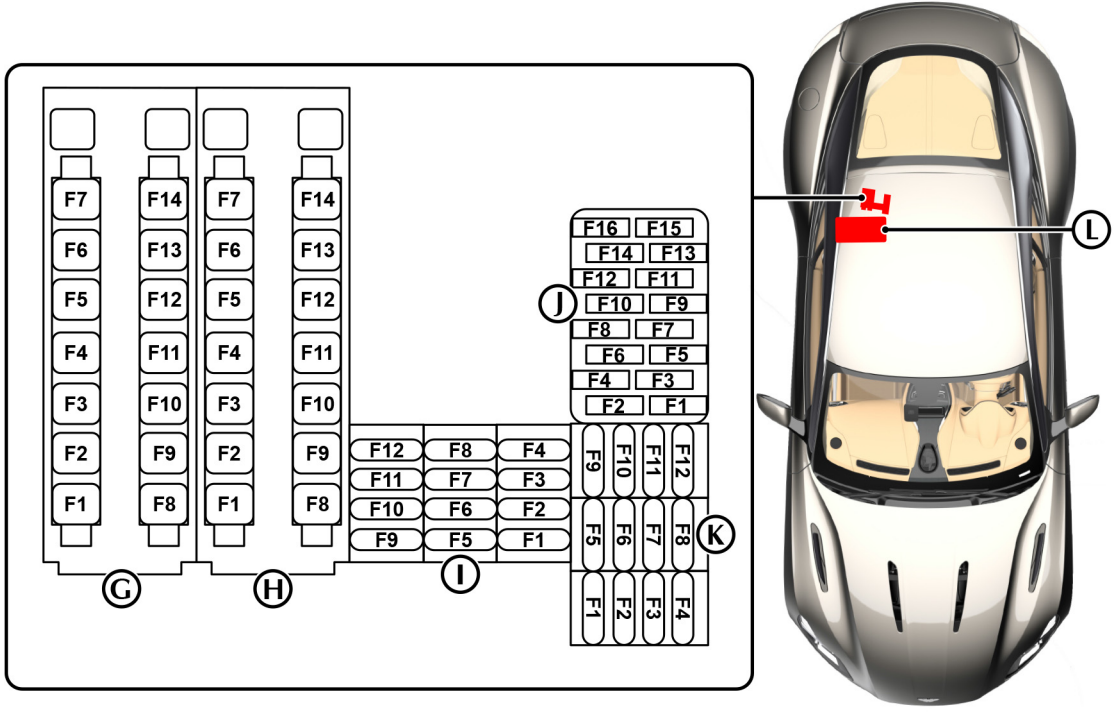
V12 Engine

F1	5A	ABS Module
F2	5A	Engine Control Module Wake up
F3	5A	Tire Pressure Monitoring System (TPMS)
F4	15A	Daytime Running Lights
F5	10A	HEGO Sensor Bank B Catalyst Monitor Bank B
F6	20A	Coolant water pump Bank B
F7	10A	Engine Coolant Level Sensor MAF Bank B Cannister Purge B Secondary Air Relay B
F8	15A	Exhaust Flaps
F9	20A	Fuel Injectors Bank B
F10	15A	Ignitions Coils Bank B
F11	10A	VCT Bank B Compressor Valve B Secondary Air Injector B
F12	10A	Sound regulator

V8 Engine

F1	5A	ABS Module
F2	5A	Engine Control Module Wake up
F3	5A	Tire Pressure Monitoring System (TPMS)
F4	15A	Daytime Running Lights
F5	10A	Engine Supply
F6	20A	Engine Supply
F7	-	-
F8	15A	-
F9	-	-
F10	15A	-
F11	-	-
F12	-	-

Rear Fuses


F7
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F4
K
L

Rear Primary Fuse Box (G)

F1	50A	IP Fuse box (B) Supply
F2	50A	IP Fuse box (B) Supply
F3	50A	Fuse Box (K) Supply
F4	50A	Fuse Box (K) Supply
F5	60A	Fuse Box (K) Supply
F6	30A	Right Side Door Module
F7	30A	Left side Door Module
F8	40A	Body Controller Rear(BCR)
F9	40A	BCR
F10	40A	Body Controller Front (BCF)
F11	40A	BCF
F12	50A	Fuse Box (I) Supply
F13	30A	IP Fuse box (B) Supply
F14	20A	Fuse Box (I) Supply

Rear Primary Fuse Box (H)

F1	50A	IP Fuse box (B) Supply
F2	40	Fuse Box (J) Supply
F3	50A	Fuse Box (J) Supply
F4	50A	Fuse Box (J) Supply
F5	50A	Fuse Box (J) Supply
F6	-	-
F7	30A	Heated Rear Window
F8	-	-
F9	-	-
F10	-	-
F11	-	-
F12	20A	Forward Harness Supply
F13	40A	Amplifier
F14	60A	HVAC Blower

Fuse Box (I)

F1	7.5A	Occupant Restraint Controller (ORC)
F2	5A	-
F3	10A	Seat Comfort Functions
F4	-	-
F5	-	-
F6	10A	Blind Spot Monitoring Radar
F7	5A	Fuel Supply Control Module (FSCM)
F8	5A	Occupant Classification System (OCS)
		-
F9	10A	Transmission Control Module (TCM)
F10	-	-
F11	5A	Feedback signal to Body Controller - Rear (BCR)
F12	20A	Forward Harness Supply

Fuse Box (J)

F1	10A	Left Side Seat Module
F2	15A	Camera Module
F3	15A	TCM
F4	15A	Left Side Seat Lumbar Adjust
F5	-	
F6	5A	Multimedia Box
F7	5A	Tuner Box
F8	15A	Right Side Seat Lumbar Adjust
F9	5A	Body Controller
F10	25A	Adaptive Damping Module
F11	10A	Right Side Seat Module
F12	5A	Rain/Light Sensor
F13	5A	Park Distance Control
F14	5A	Amplifier (non B&O)
F15	7.5A	Overhead Module
F16	5A	Brake Pedal Sensor

Fuse Box (K)

F1	10A	Microwave Sensors
F2	7.5A	ORC
F3	5A	Ignition/accessory Relay Control
F4	25A	Right Side Seat Module
F5	5A	Keyless Go Module
F6	20A	Charger Port
F7	25A	Left Side Seat Module
F8	5A	Deck Lid Latch
F9	25A	Fuel Supply Control Module (FSCM)
F10	25A	12V Accessory Socket
F11	15A	Centre Stack Panel
F12	20A	Deployable Spoiler

Battery and Battery Disconnect Switch (L)

Vehicle Battery: Banner 92AH

The vehicle battery is maintenance free and should only require checking by your Aston Martin Dealer during regular vehicle services. To access the vehicle battery remove the trim panel, located in the right rear environment.

Battery Information

Battery Warnings

⚠ *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.*





Battery Disconnect Switch

The battery disconnect switch is designed to operate in both over-current and crash events. When activated, the switch will completely isolate the electrical system from the battery to reduce the risk of electric shock or a vehicle fire.

The battery disconnect switch is a single-use item and will require replacement if it has been activated.

Battery Level Protection

If the battery is not capable of starting the engine, replace the battery as soon as possible.

Using vehicle electrical systems such as the infotainment system, with the ignition ON, but the engine OFF, will drain the battery charge.

To prevent battery voltage falling below the level required to start the vehicle, the vehicle's battery monitoring system will shut down non-essential electrical systems before this happens.

After approximately 2 to 10 minutes (dependent on the rate of battery charge drain) a message is shown in the infotainment display models.

If a low battery warning message shows, start the engine and let it idle so the battery can recharge[1], or connect a suitable battery charger or conditioner.

1. If driving the vehicle to recharge the battery, a journey distance of approximately 30 miles or 48 km will be sufficient to recharge the battery.

Lamps

Headlamp

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.

- Rear direction indicators
- Stop and tail lamps.
- Centre High Mounted Stop Lamp (CHMSL).
- Front direction indicator and parking lamps.
- Side direction indicators (mounted in door mirrors).
- Registration plate lamps.
- Rear fog lamp.
- Reverse lamp.

The rear direction indicators, stop and tail, reverse and rear fog lamp LEDs are contained in a sealed lamp cluster unit, one either side of the vehicle. The lamp cluster is not repairable.

If an LED lamp fails contact your Aston Martin Dealer.

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

Internal Lamps

All internal lamps are LEDs and are not repairable.

If an LED lamp fails contact your Aston Martin Dealer.

Washing

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

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

Aston Martin are able to supply a range of products to clean and protect your vehicle. Contact you Aston Martin Dealer for further information.

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

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

For best results:

- Do not wash the vehicle in strong sunlight. Let the vehicle cool before washing.
- Do not use household soaps or detergents.
- Do not direct water hoses at full force around the door and trunk lid seals.
- Do not use a brush on the car body as this will leave little scratches.

Suggested washing method:

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

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.

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 discoloration. 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.

Under Hood Cleaning

Under hood cleaning using high pressure hoses or steam cleaners should not be carried out. The electronic control module connections and fuse boxes can be damaged by indiscriminate use of high pressure cleaning equipment.

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.

Bodywork Maintenance

Check the drain holes in the bottom face of each door periodically and clear if necessary.

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 discoloration 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 initially give an impressive result, but their use will lead to rapid deterioration of the leather and will invalidate the warranty.

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

Alcantara roof linings and other soft trimmed areas may be brushed with a soft brush. Stains from water based substances such as coffee, tea or soft drinks should be cleaned as soon as possible with mild soap and water.

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

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

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

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.

5.2L V12 Engine

All alloy 48 valve twin turbocharged V12 engine featuring:

- Independent quad-variable camshaft timing
- 3 driver selectable powertrain calibrations
- Cylinder deactivation
- Engine stop/start
- Twin water-to-air charge air coolers

Engine Capacity

5204cc

89mm Bore

69.7mm Stroke

Compression Ratio

9.2:1

Firing Order

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

Fuel delivery

Multi-point sequential fuel injection

Idle Speed

650 rpm

Ignition

'Coil on Plug' Ignition System

Lubrication

Wet sump pressurized system

Emission Controls

Four oxygen sensors (two per bank) with two catalytic converters (one per bank)

Evaporative loss purge system

4.0L V8 Engine

All alloy 32 valve twin turbocharged V8 engine featuring:

- Independent quad-variable camshaft timing
- 3 driver selectable powertrain calibrations
- Engine stop/start
- Twin water-to-air charge air coolers

Engine Capacity

3982cc

83mm Bore

92mm Stroke

Compression Ratio

10.5:1

Firing Order

1 - 5 - 4 - 2 - 6 - 3 - 7 - 8

Fuel delivery

Multi-point sequential fuel injection

Idle Speed

800 rpm

Ignition

'Coil on Plug' Ignition System

Lubrication

Wet sump pressurized system

Emission Controls

Four oxygen sensors (two per bank) with four catalytic converters (two per bank)

Evaporative loss purge system

Transmission

Touchtronic IV Automatic Transmission

Rear mounted ZF 8HP70 eight-speed automatic gearbox with 'Shift by Wire' gear shift and Stop/Start ignition support.

Front mounted transmission radiator with transmission mounted heat exchanger and pump.

Drive line

Cast aluminium torque tube with carbon fibre drive shaft.

Final Drive

Limited-slip differential with integrated coolant jacket.

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	2.703

Performance

	V12 Coupe	V8 Coupe
Maximum Power	447 kW | 600 Bhp at 6500 rpm	375 kW | 503 Bhp at 6000 rpm
Maximum Engine Speed	7000 rpm	7000 rpm
Maximum Torque	700 Nm | 516 Lb.ft at 1600 rpm	675 Nm | 498Lb.ft at 2000 rpm
Maximum Speed (Where Permitted)	200 mph | 322 km/h	187 mph | 300 km/h
0-62 mph (100 km/h)	3.9 Seconds	4.0 Seconds

Dimensions

Interior Dimensions

	Front
Effective Headroom	980 mm 38.5 Inches
Effective Leg-room	1145 mm 45 Inches
Effective Shoulder-room	1380 mm 54 Inches

	Rear
Effective Headroom	635mm 25 Inches
Couple Distance[1]	635 mm 25 Inches
Effective Shoulder-room	1235mm 48.5 Inches

1. The couple distance is the distance between the hip point for the rear occupant and the hip point for the front seat occupant.

Vehicle Weights

V12

Kerb Weight	1875 kg 4135 lbs
Gross Vehicle Weight (GVW)	2290 kg 5050 lbs
Luggage Compartment Volume	280 Liters 10 Cu ft
Luggage Compartment Load[1]	40 kg 90 Lbs

1. Maximum load, Evenly Distributed

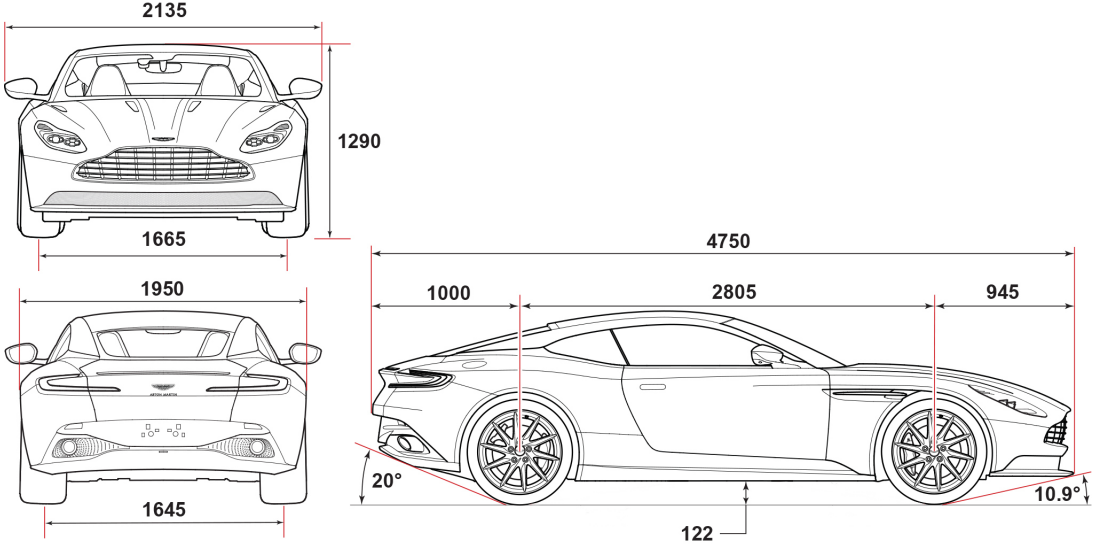
V8

Kerb Weight	1765 kg 3895 lbs
Gross Vehicle Weight (GVW)	2180 kg 2185 kg 4820 lbs
Luggage Compartment Volume	280 Liters 10 Cu ft
Luggage Compartment Load[1].	40 kg 90 Lbs

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 of loading of this vehicle onto a transporter.

Exterior Dimensions



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

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

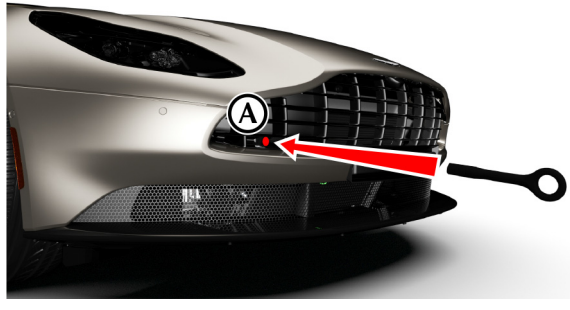
If there is a transmission fault, this vehicle must be transported.

If the park brake was applied and the vehicle has lost power, the park brake will not release. Call Aston Martin Assistance or your local Aston Martin Dealer.

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

If moving the vehicle in such a situation:

1. Remove the towing eye from its storage location in the vehicle tool kit (located in the trunk storage area). Insert the towing eye carefully through the grill and install to the exposed female threads (A) until fully engaged against the vehicle body.



The towing eye has a left hand thread.

Protect vehicle paint work when installing the towing eye.

2. When being towed use the footbrake very gently when required, to prevent excessive slack in the tow rope.

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

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).

Jump Start Procedure

! Remove rings, metal watch bands and any other jewellery.

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

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

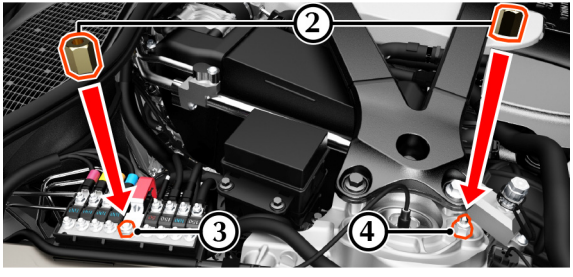
Recharge time will depend on the initial 'state of health' of the discharged battery.

If the vehicle still will not start, contact your Aston Martin Dealer.

1. Position the donor vehicle so that the connecting cables will reach into the recipient engine bay. Apply the park brake and leave the engine running.
2. Access the jump start terminal in the recipient engine bay.
3. Remove the cover for the main power fuse bank (1)



4. Remove the jump point extensions (2) from the vehicle tool kit. Install the jump point extensions to the main power feed (3) and suspension earth point (4) as shown.



5. Connect the positive cable between the positive terminal of the donor battery and the jump point extension on the main power feed (3).
6. Connect the negative cable between the negative terminal of the donor battery and the jump point extension on the suspension earth point (4).
7. Start the donor vehicle engine and increase the engine speed and run at about 1500 – 2000 rpm for two minutes[1].

The donor vehicle must be set to OFF. If the donor vehicle is not set to OFF the recipient vehicle will not start.

8. Set the donor vehicle to OFF.
9. Start the engine of the recipient vehicle.
10. Leave the jump start cables attached and the engines running for 2 to 3 minutes to allow the battery to charge.
11. 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.

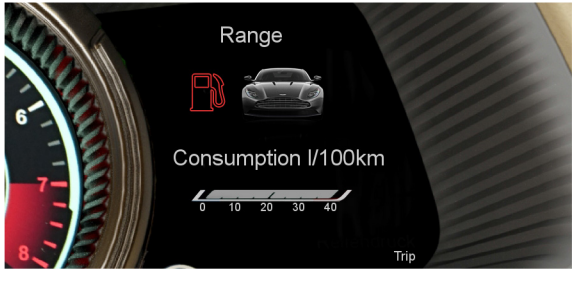
    Contact your Aston Martin Dealer to have the battery checked or replaced.

1. Charge time can depend on the battery state of the donor vehicle.

Fuel Level Warnings

There are two stages of fuel level warning:

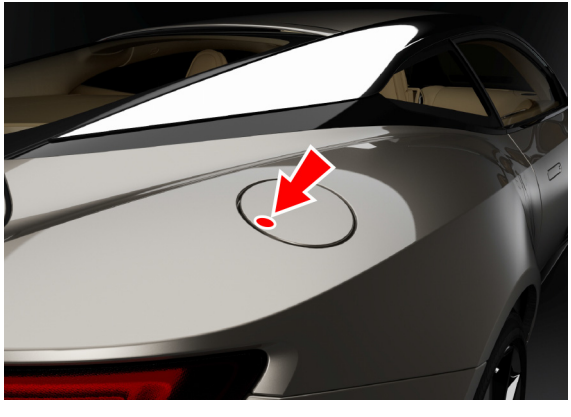
1. The first fuel level warnings changes the fuel symbol on the fuel gauge from white to amber. This means that the vehicle will now be using its reserve fuel level and should be refuelled at the nearest fuel station.
2. The second fuel level warning will also show a warning symbol in the right instrument cluster window and replaces the *Range* value. The vehicle is now down to half of its reserve fuel level and should be refuelled **as soon as possible**.



Fuel Filling

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

Open the fuel flap by pressing down on the rear edge of the fuel flap. If the filler flap will not open 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.

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.

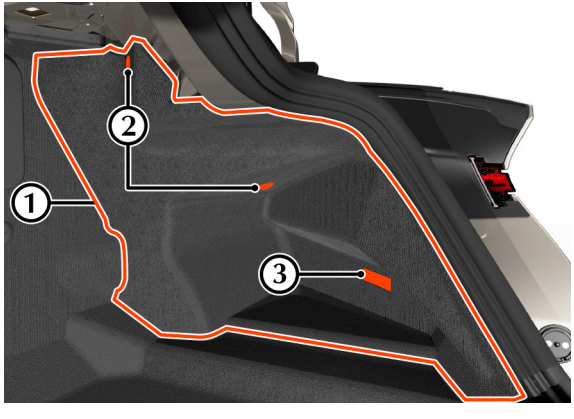
Fuel Cut-Off

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.

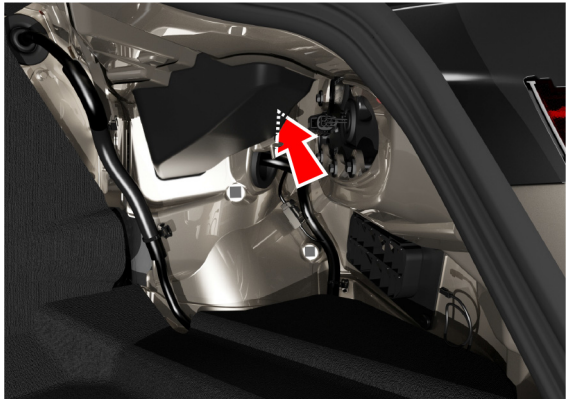
Fuel Filler Flap Emergency Release

To manually unlock the fuel filler flap:

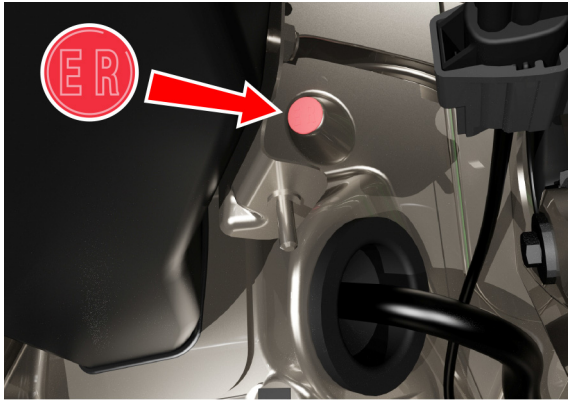
- The right side carpet for the luggage compartment (1) must be moved. Release the two fasteners (2) that attach the carpet and disconnect the luggage compartment lamp (3). Move the carpet.



- Reach behind the right side deck lid hinge.



- Pull the emergency release (ER) tab to unlock the fuel cap.



- Open the fuel flap by pressing down on the rear edge of the fuel flap.



ASTON MARTIN

Service

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Aston Martin Facilities

A full list of Aston Martin Dealers, Authorized Body Repair Centres and Authorized Service Centres worldwide, can be found at:

www.astonmartin.com

Every effort is made to make sure that the information given in the dealer list is accurate and up-to-date. However changes amongst holders of the Aston Martin franchise can occur. Neither Aston Martin nor any listed Importer or Dealer shall in any circumstances be held liable for any inaccuracy, or the consequences thereof.

To contact Aston Martin directly:

Aston Martin Lagonda Limited
Banbury Road
Gaydon
Warwick
CV35 0DB
England
Telephone:
(+44) (0)1926 644300

Aston Martin Franchise Dealers

Dealers 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.

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

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

Aston Martin Authorized Service Centres

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

Aston Martin Authorized Body Repairers

A full list of Aston Martin Authorized Body Repairers worldwide can be found at: www.astonmartin.com

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

Category A

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

Category B

All paint related and light structural damage.

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

Vehicle Provenance

Model:

Vehicle Identification Number:

As on the VIN plate

Body Colour:

Interior Primary Colour:

Interior Secondary Colour:

Stitch Colour:

Fascia Colour:

Jewellery Pack Colour:

First Owner

Selling Dealer

Delivery Date

Second Owner

Selling Dealer

Delivery Date

Third Owner

Selling Dealer

Delivery Date

Fourth Owner

Selling Dealer

Delivery Date

Fifth Owner

Selling Dealer

Delivery Date

Sixth Owner

Selling Dealer

Delivery Date

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
- Brake fluid
- Engine coolant level
- Engine coolant specific gravity
- Windshield washer fluid
- Fuel system
- Transmission leak check
- Battery

Mechanical Functions

- Gear selection
- Throttle pedal operation
- Park brake operation
- Steering column adjustment and lock operation
- Seat adjuster rails
- Hood release and catches
- Door operation and locks
- Storage compartments
- Rear view mirror
- Trunk release and catch
- Seat belt operation.

Electrical Checks

- Battery condition
- Gear selection
- Heated rear window
- Windshield washers
- Windshield wipers
- Climate control
- Infotainment centre operation
- All speakers
- Reversing, registration plate and brake lamps
- Side and headlamps
- Rear fog lamps
- Hazard warning lamps
- Instrument illumination and dimmer
- Gauges and warning symbols
- Centre stack controls
- Horns
- Reset clock
- Blower motor
- Seat belt warning system
- Security system and vehicle key
- Interior lamps
- All seat functions
- Door window mechanisms
- Door and trunk lamps
- Central locking system
- Filler flap lock operation
- Door mirror adjustments
- Interrogate fault codes
- Record battery open-circuit voltage
- Tire pressure sensing
- Cigar lighter (Option)

Wheels and Tires

- Install locking road wheel nuts (option)
- Check road wheel nuts torque
- Tire pressures
- Tire orientation.

Road Test

- Engine
- Transmission
- Gear shift operation
- Steering
- Brakes
- Wheel balance
- Dampers
- Exhaust by-pass system
- Noise, vibration or harshness
- Climate control performance
- Instrument 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 windshield
- Install carpets
- Remove interior protection
- Check owner's handbook
- Check tools
- Install registration plates
- Tire sealant kit
- Towing eye
- Battery conditioner (option)
- Field service actions and recall status.

Free Pre-delivery Inspection

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Signature:	
Date:	

Servicing

Service Periods

Vehicle servicing is every 10,000 miles, 16,000 km or 12 months, which ever occurs first.

- 10,000 miles, 16,000 km or 12 months
- 20,000 miles, 32,000 km or 24 months
- 30,000 miles, 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 / 10,000 miles / 12 months	32,000 km / 20,000 miles / 24 months	Item
Pre Maintenance Work		
		Install the vehicle protection kit.
		Check the Diagnostic Trouble Codes (DTCs).
Under Body		
x	x	Examine the condition, operation and attachment of the engine, transmission mounting system and check for leaks.
x	x	Examine the condition, operation and attachment of the exhaust system, heat shields, bypass valve operation and check for leaks.
x	x	Examine the condition, operation and attachment of the suspension and steering system for wear. Examine for leaks.
x	x	Examine the condition, operation and attachment of the braking system for wear and adjustment. Examine for leaks.
x	x	Examine the condition, operation and attachment of the park brake system for wear and adjustment.
x	x	Examine the condition, operation and attachment of the drive shafts.
x	x	Examine the condition, operation and attachment of the wheel arch liners and under body protection.
x	x	Examine the condition, operation and attachment of the cooling pack assembly. Examine for leaks.
x	x	Examine the condition, operation and attachment of all under body fluid pipes and hoses and check for leaks.
5 Years		Replace engine coolant.
	x	Automatic Transmission: Check and adjust the oil level in the differential.
60,000 mls/96,000 km		Automatic Transmission: Replace the oil and clean the filter in the differential.
x	x	Replace the brake fluid.

16,000 km / 10,000 miles / 12 months	32,000 km / 20,000 miles / 24 months	Item
Upper Body		
x	x	Replace the engine oil.
x	x	Replace the engine oil filter.
20,000 mls/32,000 km		Replace the pollen filter and air filter (optional).
x	x	Examine the condition, operation and attachment of the accessory drive belt.
x	x	Examine the condition, operation and attachment of the brake system. Examine for leaks.
x	x	Examine the condition, operation and attachment of the fuel system. Examine for leaks.
x	x	Examine the condition, operation and attachment of the air conditioning system. Examine for leaks..
x	x	Check all braking system fluid levels and adjust accordingly. Check for leaks.
x	x	Check all cooling system fluid levels and adjust accordingly. Check for leaks.
x	x	Check all screen and headlight wash system fluid levels and adjust accordingly. Check for leaks.
60,000 mls/96,000 km		Replace the oil and clean the filter in the automatic differential.
70,000 mls/112,000 km		Replace the spark plugs.

16,000 km / 10,000 miles / 12 months	32,000 km / 20,000 miles / 24 months	Item
General		
x	x	Examine the condition, operation and attachment of all the occupant restraint systems.
x	x	Examine the condition, operation and attachment of all the door locks, latches, hinges, hood catches. Lubricate if necessary.
x	x	Examine the condition, operation and attachment of the wiper blades and wash system including headlights.
x	x	Examine the condition, operation and attachment of all the light units and the horn.
x	x	Examine the condition of the road wheels. Check the wheel nut torque is correct.
x	x	Complete the tire report. If necessary, adjust the tire pressures.
x	x	Complete the functional test of the tire pressure sensor system.
x	x	Reset the service interval indicator.
Road Test		
x	x	Check the powertrain system for excessive noise, vibration and harshness.
x	x	Check the braking system for excessive noise, vibration and harshness.
x	x	Check the suspension system for excessive noise, vibration and harshness.
x	x	Check the steering system for excessive noise, vibration and harshness.
x	x	Check the wheels and tires for excessive noise, vibration and harshness.
x	x	Check the cabin environment for excessive noise, vibration and harshness.
x	x	Check the driver information and warning system operation.

Service Record

The following service records cover the regular services at 10,000 miles, 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:

_____

10,000 Miles/16,000 km/1st Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

20,000 Miles/32,000 km/2nd Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

30,000 Miles/48,000 km/3rd Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

40,000 Miles/64,000 km/4th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

50,000 Miles/80,000 km/5th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

60,000 Miles/96,000/6th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

70,000 Miles/112,000 km/7th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

80,000 Miles/128,000 km/8th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

90,000 Miles/144,000 km/9th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

100,000 Miles/160,000 km/10th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

110,000 Miles/176,000 km/11th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

120,000 Miles/192,000 km/12th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

130,000 Miles/208,000 km/13th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

140,000 Miles/224,000 km/14th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

150,000 Miles/240,000 km/15th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

160,000 Miles/256,000 km/16th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

170,000 Miles/272,000 km/17th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

180,000 Miles/288,000 km/18th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

190,000 Miles/304,000 km/19th Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

200,000 Miles/320,000 km/20 Year

Odometer:

Technician Name:

Date:

Next Service Due:

Authorized Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked:	Yes / No
Air Filter Changed:	Yes / No
Pollen Filter Changed:	Yes / No
Spark Plugs Changed:	Yes / No
Anti Corrosion Inspection:	Yes / No

Fluids Changed:

Additional Service Information

Replacement of Airbag Units

Aston Martin recommend that all airbag units are replaced every 10 years from the date of manufacture. To make sure this is completed correctly and safely, this work should be carried out by your Aston Martin Dealership.

Airbag Replacement 10th Year

Odometer:

Date:

Signature:

Airbag Replacement 20th Year

Odometer:

Date:

Signature:

Replacement of Seat Belt Pre-tensioners

Aston Martin recommend that all seat belt pre-tensioners units are replaced every 10 years from the date of manufacture. To make sure this is completed correctly and safely, this work should be carried out by your Aston Martin Dealership.

Seat Belt Pre-Tensioners Replacement 10th Year

Odometer:

Date:

Signature:

Seat Belt Pre-Tensioners Replacement 20th Year

Odometer:

Date:

Signature:

Field Service Actions

Action No.	Date	Dealer	Action No.	Date	Dealer

Service Action Recalls

Action No.	Date	Dealer	Recall No.	Date	Dealer



ASTON MARTIN

Aston Martin Warranty

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1 Aston Martin Warranties

This chapter contains information essential for the understanding of the Aston Martin warranties and for the implementation of any necessary Warranty rectification. It is recommended that you read this chapter carefully to familiarize yourself with the benefits available under the various warranties.

1.1 Warranty Communications

Any communications regarding Warranty should initially be addressed to your Aston Martin Dealer. If necessary, you may communicate with Aston Martin at the appropriate address listed.

National After Sales Manager,
Aston Martin Lagonda of North America Inc.
9920 Irvine Centre Drive,
Irvine,
CA 92618

Or:

Warranty Department
Aston Martin Lagonda Limited,
Banbury Road,
Gaydon,
Warwick,
CV35 0DB,
England

1.2 Warranties

All Aston Martin warranties are issued by Aston Martin Lagonda Limited on behalf of Aston Martin Lagonda of North America Inc., the sole authorized United States agent of Aston Martin vehicles.

The warranties provided herein are for the benefit of the original purchaser and any subsequent owner during the relevant Warranty Period (defined below) in the Serviced Countries (defined below).

An Aston Martin vehicle is built and homologated to support the Region for which it is manufactured and is compliant with the local regulatory requirements of that Region. As a result, the warranties cover Aston Martin vehicles that are built for and supplied to the Region.

For the purposes of this Owner's Guide, 'Region means one of the following territories:

- the Americas, including the United States, Canada, and South America; or
- the United Kingdom, Europe, Russia and South Africa; or
- the Middle East, North Africa and India; or
- Asia Pacific, including China, Japan, Taiwan, Hong Kong, Singapore, Australia and New Zealand.

'Serviced Countries' means either: (a) any country in the Region from which your Aston Martin vehicle was purchased, where there is an Aston Martin authorized dealer or repairer; or (b) any country agreed in writing with Aston Martin.

The warranties provided herein are for the benefit of the original purchaser and any subsequent owner during the relevant Warranty Period (defined below). The warranties cover Aston Martin vehicles that are built for and supplied to the Region.

The Warranty period for all Warranties (defined below) for vehicles begin on the date of first retail sale, or on the date of entry into demonstrator service, whichever comes first.

A summary of all Aston Martin warranties applicable to this vehicle (together the Warranties) are as follows:

a) New Vehicle Limited Warranty

Bumper to bumper: Three years, unlimited mileage.

b) Vehicle Anti-Perforation Corrosion Warranty

Period of cover: Ten years, unlimited mileage.

c) Vehicle Emission Warranties (Federal)

Emissions Defects Warranty: Three years or 36,000 miles of vehicle use.

Certain emission parts:[1] Eight years or 80,000 miles of vehicle use.

Emissions Performance Warranty: Two years or 24,000 miles of vehicle use.

d) Vehicle Emission Warranties (Californian Vehicles)

Emissions Defect Warranty (Short Term): Three years or 50,000 miles of vehicle use.

Emissions Defect Warranty (Long Term):[2] Seven years or 70,000 miles of vehicle use.

Emissions Performance Warranty: Three years or 50,000 miles of vehicle use.

---

1. Catalytic convertor, the electronic emissions control unit and / or the on-board emissions diagnostic device (required eight years or 80,000 miles (129,000 km) coverage per Clean Air Act).
2. These specific parts were selected on the basis of their estimated replacement cost at the time your vehicle was certified by the California Air Resources Board (CARB) for sale in California.

1.3 Changes to Vehicles

Aston Martin and its authorized dealers (the **'Dealers'**) reserve the right to make changes in or additions to vehicles built or sold by them at any time without incurring any obligation to make the same or similar changes or additions to vehicles previously built or sold.

1.4 Reservation of Rights

Aston Martin and its Dealers reserve the right to provide post-Warranty repairs, conduct recalls, or extend the Warranty coverage period for certain vehicles or vehicle populations, at Aston Martin's sole discretion. The fact that Aston Martin provided such measures to a particular vehicle or vehicle population, does not in any way obligate Aston Martin to provide similar accommodations to other owners of similar vehicles.

1.5 Condition

As a fundamental condition of the Warranties, you are responsible for correctly using, maintaining and caring for your vehicle in accordance with the Aston Martin Owner's Guide (the **'Owner's Guide'**). Aston Martin recommends that you maintain copies of all maintenance records and receipts for review by Aston Martin.

2 New Vehicle Limited Warranty

2.1 Warranty Limitations

This New Vehicle Limited Warranty is the only express Warranty applicable to your vehicle. Aston Martin neither assumes, nor authorizes anyone to assume for it, any other obligation or liability in connection with this Warranty. No person, including Aston Martin employees or Dealers, can modify or waive any part of this Warranty.

a) Limitation of Remedies

Under this Warranty, it is agreed that the sole exclusive remedy against Aston Martin and its authorized Dealers shall be for the repair or replacement of defective parts as provided herein. The sole purpose of this exclusive remedy shall be to provide for the free repair and replacement of defective parts in the manner prescribed in this Warranty.

This exclusive remedy shall not be deemed to have failed its essential purpose so long as Aston Martin, through its authorized Dealers, is willing and able to repair or replace defective parts in the prescribed manner.

Aston Martin and its Dealers are not responsible to you for any time or income that you lose, any inconvenience you might be caused, the loss of your transportation or use of your vehicle, the cost of rental vehicles, fuel, telephone, travel, meals or lodging, the loss of personal or commercial property, the loss of revenue, or for any other incidental or consequential damages you may have.

Punitive, exemplary, or multiple damages can not be recovered unless applicable law prohibits their disclaimer. You may not bring any warranty-related claim as a class representative, a private attorney general, a member of a class of claimants or in any other representative capacity.

Aston Martin shall not be liable for any damages caused by delay in delivery or furnishing of any products and /or services.

b) Implied Warranties and Consequential Damages

Under the law of some States, you as the owner may be entitled to the benefit of the implied warranties of merchantability or fitness for intended purpose. These implied warranties are limited to the extent allowed by law to the time period covered by the written warranties, or the applicable time period provided by State Law, whichever period is shorter.

Some States do not permit a limitation on how long an implied warranty will last, or on the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives owners specific legal rights, and they may also have other rights that vary from State to State.

3 New Vehicle Limited Warranty Statement

3.1 Warranty Maintenance

Aston Martin warrants that during the Warranty period, if an Aston Martin vehicle is correctly operated and maintained by the user in accordance with the Maintenance chapter of the Owner's Guide, repairs required to correct defects in materials or workmanship will be performed without charge; any component covered by this Warranty found to be defective in materials or workmanship, will be repaired, or replaced, without charge. Your Aston Martin Dealer will repair the vehicle with genuine approved Aston Martin parts.

3.2 Warranty Coverage

The New Vehicle Limited Warranty covers any original or OEM component of the Aston Martin vehicle that is defective during the basic Warranty period, with the exception of tires, the items listed under section 4.4, normal maintenance items and regularly scheduled maintenance parts and labor. The Warranty includes any part scheduled for routine replacement during the Warranty period only if it is defective. If a part fails at the same time it is due for replacement it is not covered by the Warranty.

4 What is not Covered under the Warranties

4.1 Excluded Categories of Vehicle

The following categories of vehicle are excluded from the provisions of the Warranties:

- Vehicles sold for hire.
- Vehicles used for motor sport, competition and track events (except Aston Martin organized and managed events).
- Vehicles that are incorrectly maintained.

4.2 Damage Caused by Accident, Alteration or Misuse

The Warranties do not cover:

- Damage caused by collision, fire, flood, theft, freezing, vandalism, riot, explosion, or objects striking the vehicle.
- Misuse of the vehicle, such as driving over curbs, overloading, racing, or using the vehicle as a stationary power source.
- Alterations or modifications of the vehicle (including changes to the body, chassis, or components) carried out on the vehicle, at any time during its lifetime, by non-approved repairers or body repair centres and shops, tampering with the vehicle, tampering with the emission systems or with other parts that affect these systems.
- Disconnection or alteration of the odometer, or where the actual mileage cannot be determined due to the odometer being inoperative for an extended period of time.
- Use of contaminated or incorrect fuel or fluids or application of unauthorized chemicals by the customer.

4.3 Damage Caused by Use or the Environment

Surface rust, deterioration and damage of paint, trim, upholstery and other appearance items that result from use and / or exposure to the elements are not covered under any of the Warranties.

The Warranties do not cover:

- Stone chips, scratches
- Lightning, hail damage
- Dints or dents
- Windstorm damage
- Road salt, tree sap
- Earthquake damage
- Bird and insect droppings
- Freezing, water or flood damage
- Cuts, burns, punctures or tears
- Windshield stress cracks
- Rodent damage
- Incorrect polishing of paint surface.

4.4 Damage Caused by Failure to Maintain or Incorrect Maintenance

Damage caused by failure to maintain the vehicle, incorrect maintenance of the vehicle, or using the wrong fuel, oil, lubricants, or fluids is not covered under the Warranties. Refer to the Specifications chapter of the Owner's Guide for correct fluid levels, and for information on the correct ways to maintain your vehicle.

Examples of important maintenance procedures that need to be done correctly are:

- Oil changes
- Cleaning and polishing
- Oils, lubricants and other fluids
- Engine tune-up
- Oil and air filters
- Wiper blades
- Brake pads and lining
- Tire rotation, inflation
- Clutch linings
- Wheel alignments and tire balancing.

4.5 Other Items and Conditions Not Covered by the Warranties

The Warranties do not cover:

- The installation or use of a non-Aston Martin part (other than a certified emissions part) or any part (Aston Martin or non-Aston Martin) designed for off-road use only installed after the vehicle leaves the control of Aston Martin, if the installed part fails or causes an Aston Martin part to fail.
- Damage to, or caused by, non-approved accessories such as alarms, telephones.
- Damage to, or caused by, non-approved snow chains or towing devices.
- Damage caused by failure to maintain adequate levels of fuel in your vehicle.
- Vehicles that have been labeled or branded as being 'dismantled', 'fire', 'flood', 'junk', 'rebuilt', 'reconstructed', 'salvaged' – this will void the Warranties.
- Vehicles that have been determined as a 'total loss' by an insurance company, or other official body – this will void the Warranties.
- Service adjustments, wear items and alignments after one (1) year or 10,000 miles, whichever occurs first.
- Use of alternative fuels: Aston Martin does not recommend or approve of the use of Liquid Petroleum gas or Compressed Natural gas. Damage caused by the use of alternative fuels or fuel additives is not covered by the vehicle warranty.

- Normal wear or worn out tires. Tires will not be replaced (unless required by a warranty repair) for wear or damage including a) tire damage from road hazard such as cuts, snags, bruises, bulges, puncture, and impact breaks; and b) tire damage due to under or over inflation, tire chain use, racing, spinning (including when stuck in snow or mud), incorrect mounting or dismounting, or tire repair.
- Vehicles that have had the odometer disconnected, altered, or inoperative for an extended period of time with the result that the actual mileage cannot be determined.
- Use of a fuel not approved or recommended by Aston Martin in the Owner's Guide is considered misfuelling, and that any damage resulting from misfuelling is not covered by the vehicle warranty.

4.6 Wear and Tear Items

Items that are subject to wear and tear are generally divided into two categories, namely those specified for replacement or adjustment during scheduled maintenance and those that require replacement or adjustment dependent upon conditions of use.

a) Scheduled Maintenance Items

The items listed below are covered by the Vehicle Warranty up to the first scheduled change point that replacement or adjustment is required during scheduled maintenance operations.

- Drive belts
- Spark plugs
- Oil, air, pollen and fuel filters.

The period of warranty cover for any item may not exceed the time and distance limitation of the vehicle warranty.

b) Other Items

The items listed below are recognized as having a limited service life or are subject to wear or damage. However, these items are covered by the vehicle warranty for up to one year or the first service, which ever occurs first.

- Wiper blades
- All light bulbs

Xenon headlamp light bulbs and instrumentation light bulbs are covered by the full vehicle warranty.

- Wheel alignment and balancing
- Adjustments, including but not limited to: headlamp and hinged panel adjustments, suspension tightening, steering geometry adjustments, emission and fuel systems checks and parking brake cable adjustments.
- Remote transmitter batteries.

Brake pads, brake rotors and other friction related components are not covered when replacement is due to wear and tear, but they are covered against manufacturing defects for the duration of the Vehicle Warranty.

c) Consumables

Replacement or 'top-up' of consumable fluids, e.g. oils, anti-freeze, brake fluid, windshield wash solution and refrigerant, is only covered when they are used as part of a warranty repair.

5 Customer Satisfaction Campaigns

In order to maintain a high level of customer confidence and satisfaction with Aston Martin products, Aston Martin may periodically determine that certain service procedures are necessary, and will assume costs for same, in whole or in part, independent of the New Vehicle Limited Warranty. When repairs to your vehicle are covered by the terms of one of these policy adjustments, your Aston Martin Dealer will advise you of the extent to which Aston Martin will pay either for parts, or for labor, or both.

If you have a question regarding a possible extra-Warranty adjustment, an authorized Aston Martin Dealer or Aston Martin can provide the details when the year, model and Vehicle Identification Number (VIN) are supplied.

Aston Martin reserves the right to make modifications in vehicles manufactured or sold by them at any time without incurring any obligation to make the same or similar modifications in vehicles previously manufactured or sold by them.

6 Anti-Perforation Corrosion Warranty

The vehicle bodywork is protected by an Anti-Perforation Corrosion Warranty. Should any part of the bodywork of the Aston Martin vehicle be perforated the panel(s) affected by the perforation will be repaired or replaced. The term ‘perforation’ means a hole that penetrates from the inner surface of a body panel or box section outwards. A pre-condition of supporting this Warranty is an annual Dealer inspection.

7 Emissions Defect Warranty

7.1 Federal Requirements

Aston Martin provides coverage under the Emissions Defect Warranty (including labor and diagnosis) for repairs of emissions related parts which become defective on vehicles with the following years of service or mileage (whichever occurs first):

Parts	Years in Service	Mileage
Emissions Related Parts	3	36,000
Certain Emissions Parts[1]	8	80,000

1. Means the catalytic converter, the engine control module, the transmission control module and / or the on-board emissions diagnostic device.

During the Warranty coverage period, Aston Martin warrants that:

- Your vehicle or engine is designed, built and equipped to meet (at the time it is sold) the applicable emissions regulations of the US Environmental Protection Agency (EPA).
- Your vehicle or engine is free from defects in factory-supplied Materials or workmanship that could prevent it from conforming with applicable EPA regulations.
- You will not be charged for repair, replacement, or adjustment of defective Emissions Related Parts (defined under section 8.2, What is Covered).

8 Emissions Performance Warranty

8.1 Federal Requirements

If your vehicle is registered in a State where the State or Local Government has an EPA - approved inspection and maintenance program, any repairs which are required on your vehicle may also be covered under the Emissions Performance Warranty if your vehicle has the following years service or mileage (whichever occurs first) and if you meet certain conditions noted below:

Parts	Years in Service	Mileage
Emissions Related Parts	2	24,000
Certain Emissions Parts[1]	8	80,000

1. Means the catalytic converter, the engine control module, the transmission control module and / or the on-board emissions diagnostic device.

Under the Emissions Performance Warranty, Aston Martin will repair, replace, or adjust (with no charge for labor, diagnosis, or parts) any emissions control device or system, if you meet all of the following conditions:

- You have maintained and operated your vehicle according to the instructions on correct care and scheduled maintenance contained in the Owner's Guide.
- Your vehicle fails to conform, during the warranty coverage period to the applicable national EPA standards, as determined by an EPA approved inspection and maintenance program.
- You are subject to a penalty or sanction under local, State or Federal Law because your vehicle has failed to conform to the emissions standards (a penalty or sanction includes being denied the right to use your vehicle).
- Your vehicle has not been tampered with, misused, or abused.

  The Emissions Performance Warranty will not apply to your vehicle if the diagnosis on your vehicle shows your vehicle will pass the applicable State or Local Government test using test procedures and standards set by the EPA.

8.2 What is Covered

If the following parts contain an emissions- related defect (an **'Emissions Related Part'**) they will be covered by both the Emissions Defect Warranty (set out in section 7) and the Emissions Performance Warranty:

- Air and Fuel Feedback Control System and Sensor
- Air Filter Housing
- Altitude Compensation System
- Camshaft Position Sensor
- Catalytic Converter
- Charge Air Cooler
- Controls for Deceleration
- Electronic Ignition System
- Electronic Engine Control Sensors and Switches
- Exhaust Gas Recirculation (EGR) Valve, Spacer, Plate and Associated Parts
- Exhaust Heat Control Valve
- Exhaust Manifold and Gasket
- Fuel Delivery Module
- Fuel Filter
- Fuel Injector
- Fuel Pressure Temperature Sensor
- Fuel Rail Assembly
- Fuel Tank
- Fuel Vapour Storage Canister, Liquid Separator and Associated Controls

- Ignition Coil and / or Control Module
- Intake Manifold (Includes Boost Air Distribution Lines)
- Instrument Cluster (Malfunction Indicator Lamp)
- PCV System and Oil Filler Cap
- Engine Control Module
- Transmission Control Module
- Pulsed Secondary Air Injection Valve / Secondary Air Injection Pump and Associated Parts
- Spark Control Components
- Spark Plugs
- Throttle Air Control By-pass Valve
- Throttle Body Assembly
- Turbocharger
- Volume Air Flow Sensor.

Some items and equipment in this list may not be installed to this vehicle and therefore may not be applicable.

Also covered by the Emissions Defect Warranty and the Emissions Performance Warranty are all emissions-related bulbs, hoses, clamps, brackets, tubes, gaskets, seals, belts, connectors, and wiring harnesses that are used with components in the list of parts set out above.

8.3 Parts Replaced on Regular Maintenance Schedules

Parts that should be replaced on a certain recommended maintenance schedule, remain under warranty until, (a) the first replacement time that is specified under Service in your Owner's Guide or, (b) the time or mileage limits of the Federal Defect and Performance Warranties (whichever occurs first). Aston Martin maintains a complete list of parts covered by Emissions Warranties. For more details about the specific parts covered by the Emissions Defect Warranty, contact Aston Martin or Aston Martin Lagonda of North America Inc.1.1 Warranty Communications.

8.4 What is Not Covered

Aston Martin may deny you coverage under the Emissions Warranties if your vehicle or a part does not contain an emissions-related defect or has failed due to abuse, neglect, incorrect maintenance, unapproved modifications, or it concerns any items included in section 4 (What is not covered under the Warranties).

9 California Emissions Warranties

9.1 Your Warranty Rights and Obligations

This Warranty is applicable if your vehicle is both:

a) Registered in California, or other States adopting California emission and warranty regulations.[1]

b) Certified for sale in California as indicated on the vehicle emission control information label.

Aston Martin and the California Air Resources Board are pleased to explain the emission control system Warranty on your Aston Martin vehicle.

In California, new motor vehicles must be designed, built, and equipped to meet the State's stringent anti-smog standards.

Aston Martin must warrant the emission control system on your vehicle for the periods of time listed under the Manufacturer's Warranty Coverage, provided there has been no abuse, neglect, or incorrect maintenance of your vehicle.

Your emission control system may include parts such as the fuel injection system, the ignition system, catalytic converter, and the engine computer. Also included may be hoses, belts, connectors, and other emissions-related assemblies.

Where a warrantable condition exists, Aston Martin will repair your vehicle at no cost to you including diagnosis, parts, and labor.

1. Other States adopting California emissions and warranty regulations: Passenger car & light-duty trucks (up to 8,500 pounds GVWR) – California, Connecticut, Maine, Massachusetts, New Jersey, Oregon, Pennsylvania, Rhode Island, Vermont, Washington and any other States that adopt the California emissions and warranty regulations from time to time.

9.2 Manufacturer's Warranty Coverage

For vehicles eligible for coverage under the California Emissions Warranty, if your vehicle is:

a) Three years in service or has mileage of 50,000 miles (whichever first occurs):

- If your vehicle fails a Smog Check inspection, all necessary repairs and adjustments will be made by Aston Martin to make sure that your vehicle passes the inspection. This is your **Emission Control System Performance Warranty**.
- If an emission related part (as defined in section 9.4) on your vehicle is defective, the part will be repaired or replaced by Aston Martin. This is your **Short-Term Emission Control System Defects Warranty**.

b) Seven years in service or has mileage of 70,000 miles (whichever first occurs):

- If an emission related part (as defined in section 9.5) on your vehicle is defective, the part will be repaired or replaced by Aston Martin. This is your **Long-Term Emission Control System Defects Warranty**.

9.3 Owner's Warranty Responsibilities

As the vehicle owner or lessee, you are responsible for the performance of the required maintenance listed in the Owner's Guide. Aston Martin recommends that you retain all receipts covering maintenance on your vehicle, but Aston Martin cannot deny warranty coverage solely for the lack of receipts or for your failure to check the performance of all scheduled maintenance.

You are responsible for presenting your vehicle to an Aston Martin Dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

Aston Martin may deny warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance, or unapproved modifications.

If you have any questions regarding your warranty rights and / or responsibilities, or if you want to report what you believe to be violations of the terms of this Warranty, you may contact Aston Martin Lagonda of North America Inc. After Sales Department:

Tel: (949) 379 3104

or the California Air Resources Board at:

State of California Air Resources Board,
9528 Telstar Avenue,
El Monte,
California 91731

9.4 What is Covered under the Short Term Emission Control System Defects Warranty

The parts in the following list are covered by Emission Control System Defects Warranties, which apply to every California model vehicle manufactured from, and including, 2004.

- Air and Fuel Feedback Control System and Sensor
- Air Filter Housing
- Altitude Compensation System
- Camshaft Adjuster
- Camshaft Position Sensor
- Carbon Canister
- Catalytic Converter
- Charge Air Cooler
- Controls for Deceleration
- Electronic Ignition System
- Electronic Engine Control Sensors and Switches
- Exhaust Gas Recirculation (EGR) Valve, Spacer, Plate and Associated Parts
- Exhaust Gas Oxygen Sensors
- Exhaust Heat Control Valve
- Exhaust Manifold and Gasket
- Fuel Filler Neck
- Fuel Delivery Module
- Fuel Filter
- Fuel Injector
- Fuel Level Sender
- Fuel Rail Assembly
- Fuel Tank
- Fuel Vapour Storage Canister, Liquid Separator and Associated Controls
- Ignition Coil and / or Control Module
- Intake Manifold (Includes Boost Air Distribution Lines)
- Instrument Cluster (Malfunction Indicator Lamp)
- PCV System and Oil Filler Cap
- Engine Control Module
- Transmission Control Module
- Pulsed Secondary Air Injection Valve / Secondary Air Injection Pump and Associated Parts
- Spark Control Components
- Spark Plugs
- Throttle Air Control By-pass Valve
- Throttle Body Assembly
- Turbocharger
- Volume Air Flow Sensor.

Some items and equipment in this list may not be installed to this vehicle and therefore may not be applicable.

9.5 What is Covered under the Long Term Emission Control System Defects Warranty

The parts in the following list are covered by Emission Control System Defects Warranties, which apply to every California model vehicle manufactured from, and including, 2004.

- Catalysts - Downpipe and Underfloor
- Camshaft Position Sensor
- Carbon Canister
- Exhaust Gas Oxygen Sensors
- Exhaust Manifold and Gasket
- Fuel Delivery Module
- Fuel Level Sender
- Fuel Rail Assembly
- Fuel Tank
- Intake Manifold
- Engine Control Module
- Transmission Control Module
- Pulsed Secondary Air Injection Valve / Secondary Air Injection Pump and Associated Parts
- Throttle Body Assembly
- Volume Air Flow Sensor.

Some items and equipment in this list may not be installed to this vehicle and therefore may not be applicable.

10 How do I get Service under the Emissions Warranties

To get service under your Emissions Warranties, take your vehicle to any Aston Martin Dealer as soon as possible after it has failed an EPA - approved test or a California Smog Check inspection. You must show the Dealer the document that states your vehicle has failed the test.

The Dealer will decide whether the repair is covered by the Warranty. If the Dealer cannot make a decision with regard to coverage under your Emissions Warranty, the Dealer shall forward the query to Aston Martin.

Aston Martin shall procure to make a final decision within 30 days after you bring your vehicle in for repair. (The decision will be made within a shorter time if the law requires you to have the vehicle repaired more quickly in order to avoid additional penalties.)

However, if you request a delay, agree to a delay, or if a delay is caused by an event for which neither Aston Martin nor your Aston Martin Dealer is responsible, the deadline for determination does not have to be met by Aston Martin.

If a question about Emissions Warranty coverage is referred to Aston Martin, you will be notified by Aston Martin in writing if your claim for Emissions Warranty coverage is denied. The notice will explain the basis for denying your claim.

11 How do I handle Emergency Repairs to make sure they do not affect the Emissions Warranties

Aston Martin strives to make sure that services are available to conduct emergency repairs on your vehicle when necessary. However, occasionally, Aston Martin may not be able to perform emergency repairs for reasons outside of its control.

If your vehicle requires an emergency repair on Emission Related Parts and an Aston Martin Dealer is 'unavailable or unable to perform the necessary repairs' (defined below), you may, but only as a last resort, procure repairs by someone other than an authorized Aston Martin Dealer (a **'Third Party'**).

If the Dealer or, failing a decision by the Dealer, Aston Martin, determines that such repair is covered under Warranty, Aston Martin will reimburse you for the cost of such repairs, including diagnosis.

Make sure that you obtain and take the following to your Aston Martin Dealer within 30 days of the repairs having been performed:

a) The parts that are replaced, and

b) A receipt for the work.

The term 'unavailable or unable to perform the necessary repairs' means:

- If you have informed Aston Martin of the required emergency repairs and either Aston Martin or the Aston Martin Emergency Service roadside assistance service provider is unable to take your vehicle to an accessible authorized Aston Martin Dealer.
- If an authorized Dealer is unable to perform the necessary repairs.
- If an authorized Dealer does not have the warranted part required to perform the necessary repairs.

Aston Martin shall only reimburse you if the repairs are conducted by a Third Party within 30 days from the time you first bring your vehicle to the Dealer for repairs and the time it is repaired by the Third Party.

Any repair that is not completed within the 30 day period may (at Aston Martin's discretion) constitute an emergency and any equivalent replacement part may be used in an emergency situation. If Aston Martin determines that the repair is covered under Warranty, Aston Martin will reimburse you for the repair expenses if:

a) It does not exceed the Aston Martin's suggested retail price for all warranted parts that are replaced and,

b) The labor charges do not exceed the Aston Martin's recommended time allowance for the Warranty repair and the labor charges are reasonable and similar to those charged by a repairer of similar geographical location.

12 What Replacement Parts should I use

Aston Martin recommends that you use genuine Aston Martin replacement parts. However, when you are having non-Warranty work done on your vehicle, you may choose to use non-Aston Martin parts of equivalent specification.

If you decide to use non-Aston Martin parts, make sure that they are equivalent to Aston Martin parts in performance, quality and durability. If you use replacement parts that are not equivalent to Aston Martin parts, your vehicle's emissions control systems may not work as effectively, and you may jeopardize your Emissions Warranty coverage.

The maintenance, replacement, or repair of emissions control devices or systems, the cost of which is not covered by the Warranties, can be performed by any automotive repair establishment or individual using non-Aston Martin parts.

For vehicles within the Warranty period, Aston Martin will repair at no cost to the owner, under the Federal Emissions Warranty, covered emission failures caused by correctly installed Aston Martin parts or non-Aston Martin parts that have been 'certified' by the U.S. Environmental Protection Agency (EPA). Aston Martin is not responsible for the cost of repairing any emission failures caused by non-Aston Martin parts that have not been 'certified' by the EPA.

13 Preserve Your Emissions Warranty

If you do not maintain your vehicle correctly, Aston Martin may have the right to deny you coverage under any of its Emissions Warranties.

To have repairs made under the Emissions Warranties, you may be required to show that you have followed Aston Martin's instructions on correctly maintaining and using your vehicle, in accordance with the instructions set out in the Owner's Guide. Make sure that you save your service receipts and keep accurate records of any maintenance work performed.

If you are not satisfied with the handling of a Warranty matter, you may contact Aston Martin Lagonda of North America Inc. If you need more information about getting service under the Federal Emissions Performance Warranty, or if you want to report what you believe to be violations of the terms of this Warranty, you may contact:

Director Vehicle Program and Compliance Division (6505J),
Environmental Protection Agency,
401 M Street, S.W,
Washington,
DC 20460

14 Customer Satisfaction

If you are not satisfied with any Warranty repairs performed by an authorized Aston Martin Dealer and feel that you have a legitimate Warranty concern that is not being addressed to your satisfaction, follow the steps recommended below for the best resolution.

Step 1: Raise your concerns with the authorized Dealer Service Manager.

If you feel it would help clarify any concern, you should accompany the Service Manager on test drive of vehicle to demonstrate your issues and concerns. Often simply voicing your concerns directly to a manager or with the trained technician results in a satisfactory repair.

Step 2: If you are still not satisfied, contact dealership owner or General Manager.

Often raising an unresolved issue to a General Manger will benefit all involved and bring a focussed effort from all parties involved.

Step 3: If you are still not satisfied, bring concerns to Aston Martin Lagonda of North America Inc. Regional After Sales Manager or Operations Manager.

All authorized Aston Martin Dealers have the contact details of the relevant After Sales and Operations Managers. Ask for the Aston Martin contact information and it will be gladly supplied.

Step 4: If you are still not satisfied, either:

a) Seek arbitration

All disputes relating to the Warranty or the Extended Service Contract shall be resolved by binding arbitration under the Rules of Commercial Arbitration of the American Arbitration Association including its Supplementary Procedures for Consumer Related Disputes, before a single arbitrator who shall be bound by the terms of this Document. To maintain the highest quality of service and for staff training purposes, telephone calls to Aston Martin may be monitored and / or recorded.

b) If your dispute is in the State of California, contact the Better Business Bureau (BBB)

The BBB program is only in effect in the State of California, but steps one through three should be followed for quickest result.

As a final step to make sure that your concerns are being fairly considered, Aston Martin has agreed to participate in a dispute settlement program administered by the BBB, at no cost to the customer.

Refer to section 15 for further details of the BBB.

15 The Better Business Bureau (BBB) Auto Line Program

(California only)

The Better Business Bureau (BBB) works with manufacturers and their customers in an attempt to reach a mutually acceptable resolution of any Warranty related concerns. If a Warranty concern has not been resolved using the three-step procedure outlined in Customer Satisfaction (Refer to '14 Customer Satisfaction', page B.21), you may be eligible to participate in the BBB Auto Line Program.

The BBB Auto Line Program consists of two parts – mediation and arbitration. During mediation, a representative of the BBB will contact both you and Aston Martin to explore options for settlement of the claim. If an agreement is not reached during mediation and your claim is eligible, you may participate in the arbitration process and the BBB will schedule an arbitration hearing so that you can present your case in an informal setting before an impartial person. The arbitrator will consider the testimony provided and make a decision after the hearing.

You are not bound by the decision, but should you choose to accept the BBB Auto Line decision, Aston Martin shall abide by the accepted decision as well.

Disputes submitted to the BBB Auto Line Program are usually decided within 40 days after you file your claim with BBB.

If you wish to use the program and you qualify for participation, you will be required to provide the following information:

- Your name and address
- The Vehicle Identification Number (VIN)
- The make, model and year of your vehicle
- A description of the problem with your vehicle.

BBB AUTO LINE will also ask you for other information that may help resolve your concerns, such as the purchase price of your vehicle, the vehicle's current mileage, and copies of repair orders.

Upon receipt of such information, BBB will review the claim for eligibility under the Program Summary Guidelines.

You are required to resort to BBB AUTO LINE before exercising rights or seeking remedies under the Federal Magnuson-Moss Warranty Act, 15 U.S.C. § 2301 et seq. To the extent permitted by the applicable State 'Lemon Law', you are also required to resort to BBB AUTO LINE before exercising any rights or seeking remedies under the 'Lemon Law'. If you choose to seek remedies that are not created by the Magnuson-Moss Warranty Act or the applicable State 'Lemon Law', you are not required to first use BBB AUTO LINE.

For more information about BBB AUTO LINE, including current eligibility standards, call 1-800-955-5100, visit the BBB website at www.lemonlaw.bbb.org, or write to the BBB at:

BBB AUTO LINE,
4200 Wilson Boulevard,
Suite 800 Arlington,
VA 22203

16 State Warranty Enforcement Laws

These State laws (sometimes called **'lemon laws'**) allow owners to receive a replacement vehicle or a refund of the purchase price, under certain circumstances. The laws vary from State to State.

To the extent your State Law allows, Aston Martin requires that you first send us a written notification of any defects or non-conformities that you have experienced with your vehicle. This will give us the opportunity to make any necessary repairs before you pursue the remedies provided by your State's law.

In other States, where not specifically required by State Law, Aston Martin requests that you send us written notification to:

National After Sales Manager,

Aston Martin Lagonda of North America Inc.,

9920 Irvine Center Drive,

Irvine CA 92618

17 Aston Martin Extended Service Contract

You may purchase an Aston Martin Extended Service Contract (ESC) which shall protect your vehicle for an extended period after the expiry of your New Vehicle Limited Warranty.

The ESC provides:

a) Protection against covered repair costs. (Wear items, neglect, force majeure and damage caused by outside influence are excluded, and shall be left to the sole discretion of Aston Martin.).

b) Aston Martin Emergency Assistance roadside support.

c) Zero deductible, which means that you will not pay for covered repairs in the case of a legitimate claim.

d) 12 or 24 months coverage across the USA and Canada.

Aston Martin offers various ESC products of varying levels of cover dependent upon the age and mileage of the vehicle. All vehicles must pass an Aston Martin multi-point inspection prior to the registration of an ESC on a vehicle.

Please note that the ESC Terms and Conditions shall apply. For a full list of the ESC Terms and Conditions, or if you would like to arrange such cover, talk to your nearest participating Aston Martin Dealer.

Owner And Vehicle Details

Name:

Address:

:

:

:

Post Code:

Registration Plate No.:

VIN No.:

Engine No.:

Warranty Start Date:

If the vehicle is sold, the benefits of any un-expired portion of the warranties can be transferred to the new owner.

The new owner should complete a 'tear off' sheet (next page) and send the new details to:

Aston Martin Warranty Department
Aston Martin Lagonda Limited
Banbury Road
Gaydon
Warwick
CV35 0DB
England

Signature:

Date:

Dealer Stamp

Owner Warranty Transfer (2)	Owner Warranty Transfer (1)
VIN No.:	VIN No.:
Odometer:	Odometer:
Date of Purchase:	Date of Purchase:
Name:	Name:
Address:	Address:
:	:
:	:
Post Code:	Post Code:
Telephone No.:	Telephone No.:
Email Address:	Email Address:
Signature:	Signature:
Date:	Date:



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Owner Warranty Transfer (4)	Owner Warranty Transfer (3)
VIN No.:	VIN No.:
Odometer:	Odometer:
Date of Purchase:	Date of Purchase:
Name:	Name:
Address:	Address:
:	:
:	:
Post Code:	Post Code:
Telephone No.:	Telephone No.:
Email Address:	Email Address:
Signature:	Signature:
Date:	Date:



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Owner Warranty Transfer (6)	Owner Warranty Transfer (5)
VIN No.:	VIN No.:
Odometer:	Odometer:
Date of Purchase:	Date of Purchase:
Name:	Name:
Address:	Address:
:	:
:	:
Post Code:	Post Code:
Telephone No.:	Telephone No.:
Email Address:	Email Address:
Signature:	Signature:
Date:	Date:



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Aston Martin Assistance

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Aston Martin Roadside Assistance

In the event of a breakdown caused by a defect covered under the New Vehicle Limited Warranty, the Aston Martin Roadside Assistance scheme will provide the Aston Martin owner with emergency roadside assistance at no cost. The scheme also provides the following benefits:

- Exclusive 24-Hour Toll-Free Assistance Line
- 24-Hour Emergency Towing
- 24-Hour Roadside Assistance
- 24-Hour Emergency Lockout Service (up to US $100 per call out)
- Sign and Drive Service
- 24-Hour Emergency Trip Interruption Benefits
- 24-Hour Aston Martin Dealer Locator Service
- Repaired Vehicle Reunite Service
- Assistance Experience Survey Card.

The Aston Martin Roadside Assistance scheme benefits provide for towing to the nearest approved dealer. Should the vehicle breakdown occur 150 or more miles (241 or more km) from the nearest approved dealer and 150 or more miles (241 or more km) from the primary residence of the owner or operator, the owner or operator is entitled to trip interruption benefits. Trip interruption benefits include lodging and meals for up to 2 nights, and alternative transportation. Trip interruption benefits are limited to a maximum of US $500 per interruption.

The term of the Aston Martin Roadside Assistance scheme runs concurrent with the Aston Martin New Vehicle Limited Warranty. The plan does not cover the following:

- Rental fleet vehicles
- Breakdowns caused by accident, vandalism, racing or abuse
- Additional towing costs for towing to other than the nearest approved dealer to the breakdown site.

Expenses for such items as entertainment, recreation, and non-essential goods and services are excluded from trip interruption benefits.

How Does the Plan Work

The national toll-free assistance telephone number is shown on your Roadside Assistance Membership Card and on the label on the drivers side door pillar.

If your Aston Martin vehicle suffers a breakdown whilst driving, call the toll-free number: 1- 888 - 59ASTON (1-888-592-7866). It is available 24 hours a day.

It may be helpful to have the relevant telephone numbers entered into your mobile phone 'phone book'.

Have your Aston Martin Roadside Assistance Membership Card ready.

Provide the Roadside Assistance Service Representative with:

- Your name
- The Vehicle Identification Number (VIN), which is printed on your Roadside Assistance Membership Card. The VIN is also printed on a decal on the drivers side dashboard. This decal may be viewed from outside the car by looking in through the front windshield.
- The vehicle location.
- Where you are calling from, including a telephone number on which you may be contacted.

The Roadside Assistance Service Representative will work with you to find the best solution to your concern. Please stay with the vehicle until assistance arrives.

Further Information

See the separate brochure provided for full details of the Aston Martin Roadside Assistance scheme. The terms of the scheme may be changed without notice.



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