



DB12

ASTONMARTIN.COM®

Welcome

Welcome to your new Aston Martin DB12.

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.

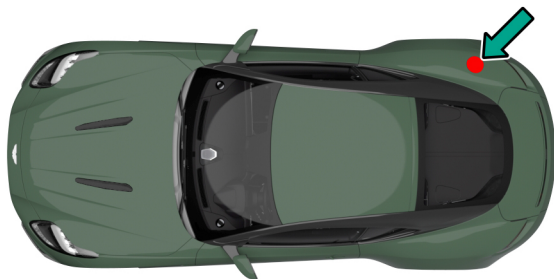
 ***Warning: Provided to show procedures which must be followed precisely to help avoid the risk of personal injury.***

 ***Caution: 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.*

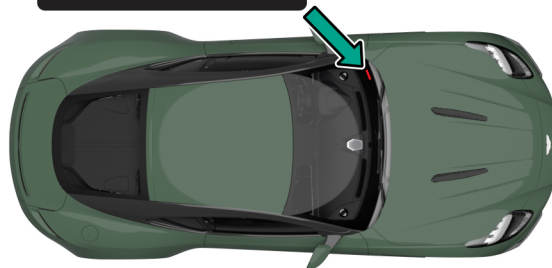
Component Location

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 Identification

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



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.*

Data Recording

This vehicle is equipped with a Event Data Recorder (EDR) system. Electronic modules in this vehicle are able to record detailed data, such as:

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

Any of these systems can include information on how the driver operates the vehicle, measuring vehicle speed – including recording the value displayed in the instrument cluster to the driver, steering input, brake and throttle application. This information may be stored under regular operation, in a crash or in a near crash event.

This information can be read and used by:

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

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.

Event Data Storage

Any stored event that has resulted in the deployment of a non-reversible restraint will be locked and cannot be overwritten. A recorded event between the trigger event threshold (a change in speed of 8 km/h (5 mph) in 150 ms or less) and a deployment event will be unlocked and can be overwritten.

Data will be stored in empty records first. Once all six records are filled, the oldest unlocked event will be overwritten first. Once all six events are written and locked no more events can be recorded.

After four events or more are locked, a fault code will be logged and a warning message will be shown. Contact your Aston Martin Dealer.

eCall

In an emergency event, this vehicle transmits data that meets the 112 eCall standards. The information sent will be:

- Vehicle type
- Activation type
- Vehicle Identification Number (VIN)
- Vehicle propulsion storage type
- Time stamp
- Latitude and longitude position
- Vehicle direction

Reporting Safety Defects

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

UK

Aston Martin Lagonda Limited
Client Services
Banbury Road
Gaydon
Warwick
CV35 0DB
England
Telephone:
+44 (0)1926 644700

European Representative

Aston Martin Lagonda of Europe GmbH
Unterschweinstiege 2-14
60549 Frankfurt
Germany

Driving Safety

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



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.

Cyber Security Systems

Cyber security systems on this vehicle are designed to reduce the risk of unauthorised access to connected vehicle components from malware – malicious software. This can take the form of internet based attack on vehicle control modules to affect functions or access data.

Connected Car Components

Several components on this vehicle make up the Connected Car system, which communicates with external devices or the internet for a number of functions such as multimedia and diagnostics. These components are critical areas for cyber security and each take a variety of measures to protect devices from unauthorised external access.

Examples of Connected Car device can include:

- The On Board Diagnostic (OBD) Port.
- Telematics Gateway Module.
- Mobile Phone Interface and Related Connected Car Apps.
- Bluetooth® System.
- USB port.
- Security Tracker.

Security Updates

The software and security systems in this vehicle are subject to continuous improvement and development. As part of this, regular software updates may be necessary to improve the security, stability and running speeds of the Connected Car systems in this vehicle.

Risk Reduction

⚠ Computers, mobile devices and data media that can be connected to the internet or that are used in either public or private networks are at risk of being infected with manipulated data or malware. Always take suitable steps, such as a suitable up to date anti-virus program, to protect such devices.

To reduce the risk of unauthorised access to vehicle systems and functions, always have the vehicle inspected, service and repaired at an authorised Aston Martin Dealership. In addition, never use portable USB and mobile devices with the vehicle that are known to contain malware, or corrupted or manipulated data.

Even with security systems in place, it is possible that malware can cause malfunctions in control modules that affect some vehicle functions. If your vehicle is affected whilst driving or if a system operates differently from usual, reduce your speed in a controlled manner and contact your nearest Aston Martin Dealer.

📖 Malware can also access data and information that are stored in modules, the Infotainment system and on connected devices such as a mobile device or USB Media.





Aston Martin Owners' Club (AMOC)

An invitation to join the Aston Martin Owners' Club

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



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Aston Martin Heritage Trust

The Aston Martin Heritage Trust is an educational charity dedicated to the preservation, promotion and enhancement of 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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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.

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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Quick Start

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Vehicle Key

What Do The Buttons On The Key Do?



[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.

Volante: Global close will also open or close the convertible roof.

Keyless Entry

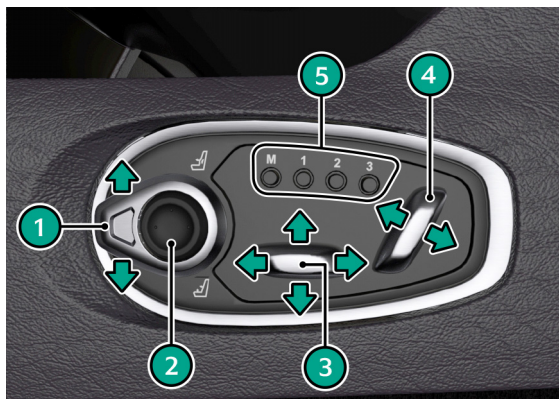
To unlock the vehicle, fully push the front edge of the door handle. If the system recognises a valid key signal, the door will unlock and open.

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

Driving Position

How Do I Adjust The Seat?

Electric Seat Adjustment



[1]: Bolster/Lumbar selector switch (Optional).

[2]: Bolster/Lumbar adjustment (Optional).

[3]: Seat base adjust.

[4]: Seat backrest adjust.

[5]: Memory seat positions.

Manual Seat Adjustment

(Performance Seat only)

Pull the release strap to allow adjustment of the seat base.



How Do I Release The Seat Back?

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



What Do The Door Switches Do?



[A]: Door Mirror Selector.

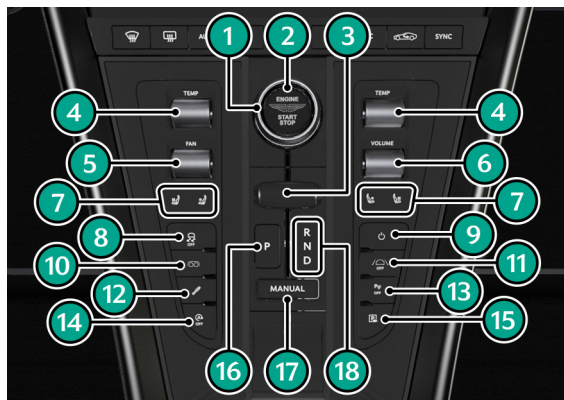
[B]: Door Mirror Adjustment.

[C]: Window Switches.

[D]: Deck Lid (Press and hold).

Vehicle Controls

What Do The Centre Console Switches Do?



[1] DRIVE MODE SELECTOR: Rotate to select drive modes.

[2] ENGINE START/STOP: Press to start or stop the engine.

[3] TRANSMISSION SELECTOR: Use to select a transmission mode.

[4] TEMPERATURE: Adjust the temperature for the climate control.

[5] FAN SPEED: Adjust the fan speed.

[6] VOLUME: Adjust the volume for the audio system. Press to mute audio.

[7] HEATED/COOLED SEATS: Press to change the level of seat heating or cooling.

[8] ELECTRONIC STABILITY PROGRAM: Press and hold to cycle ESP modes.

[9] INFOTAINMENT ON/OFF: Set the infotainment system to on or off. Press and hold to cycle haptic feedback on or off.

[10] EXHAUST MODE: Press to cycle exhaust modes.

[11] LANE KEEP ASSIST: Set the lane keep assist to on or off.

[12] ADAPTIVE DAMPING: Press to cycle adaptive damping modes.

[13] PARK DISTANCE CONTROL: Press to set the Park Distance Control (PDC) sensors to on or off.

[14] STOP/START: Use to set the eco stop/start function on or off.

[15] CAMERA: Changes the infotainment system display to the camera system.

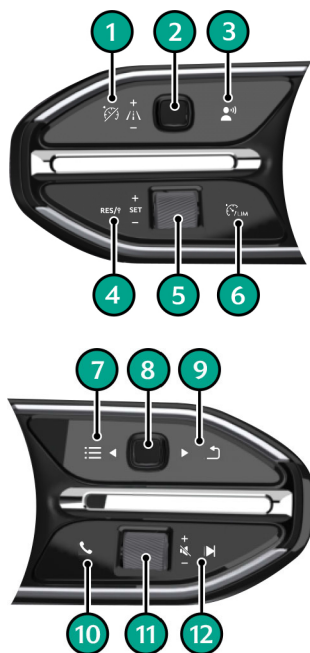
[16] PARK SELECT: Press to select Park.

[17] MANUAL MODE: Press to enter manual transmission mode.

[18] TRANSMISSION STATUS INDICATOR: Shows selected transmission mode.

What Are The Steering Wheel Controls?

Switches



[1] CANCEL:

Tap to cancel the set speed.

[2] ADJUST DISTANCE:

Swipe to adjust the set distance between the vehicle in front and your vehicle during Active Cruise Control (ACC).

[3] START VOICE CONTROL:

Tap briefly to use to use voice control system (Refer to 'Voice Control', page 4.12).

Press and hold use with for mobile device voice functions.

[4] RES:

Tap to resume a set speed in the speed control systems or adopt a new speed limit in ACC.

[5] SPEED SET SWITCH:

Use the roller dial to adjust the set speed for the ACC or variable speed limiter. Press the switch to set a speed.

[6] SPEED CONTROL SYSTEM SELECT:

Tap to switch between Adaptive Cruise Control (ACC) and variable speed limiter functions (Refer to 'Speed Control Systems', page 5.16).

[7] MENU HOME:

Tap to open the instrument cluster menu (Refer to 'Instrument Cluster Menu', page 4.9).

[8] MENU SCROLL BUTTONS:

Swipe through the menu to navigate the instrument cluster menu. Press the button to select an item in the menu (referred to in this handbook as **OK**).

[9] MENU BACK:

Tap to go back one level in the instrument cluster menu.

[10] CALL:

Tap to answer an incoming call or open the last dialled number. Press again to end a call. Press and hold to reject an incoming call (Refer to 'Calls', page 7.4).

[11] VOLUME:

Use the scroll wheel to adjust the volume for the audio system. Press to mute audio.

[12] NEXT TRACK:

Tap to skip to the next audio track.

Transmission Paddles

Pull back on either paddle to enter *Semi-automatic* transmission mode.



Once in *Semi-automatic* or *Manual* mode, use the paddles to change gear.

[1]: Downshift Paddle

[2]: Upshift Paddle

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.

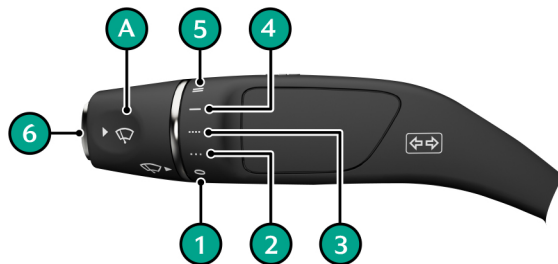
Flash Headlamps

Pull the stalk to flash the main beam headlamps.

Direction Indicators

Press up to briefly 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 wiper speed selector (A) to select a wiper speed.

[1]: Windscreen 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 to the first detent for single wipe operation. Press further to the second detent to operate the front windscreen 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]: Automatic headlamp mode
- [5]: Dipped beam headlamps
- [6]: Rear foglamp

Infotainment

How Do I Pair A Bluetooth Device?

To add a new device, select  from the main menu. The vehicle will automatically search for available devices to connect to.

Available devices will be shown as a list with the option to connect to individual devices. The *Device Manager* button will also be available to manage individual devices.

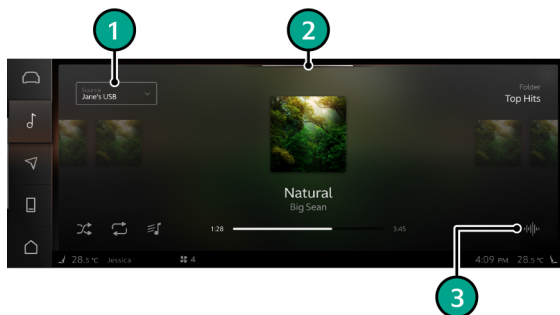
To connect a device, select it from the list and tap connect.

For more information on bluetooth device management (Refer to 'Bluetooth Device Management', page 7.2)

How Do I Operate The Media System?

Tap  to access the media systems.

The Now Playing screen has some common elements that appear regardless of which source medium is used. Individual media controls are explained in their relevant sections.



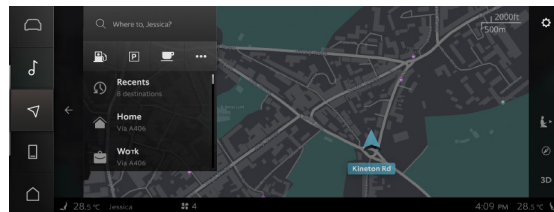
[1] SOURCE: Tap to change media source (Refer to 'Source', page 9.4).

[2] MINIMISE: Swipe down to minimise media screen to the bottom bar.

[3] SETTINGS: Opens the **Settings** menu (Refer to 'Sound Settings', page 9.10).

How Do I Set A Navigation Destination?

Tap  to access the navigation system.



Tap the **Where to?** text box to input an address or select a saved location such as home or work.

Vehicle Security

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Vehicle Key

The vehicle is supplied with two vehicle keys. Keep the second key in a safe place. Never 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 'Place the key in the marked space' 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.

Vehicle Key Functions



[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.



Single Point Entry

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.

 Single Point Entry can only be set using the vehicle key.

Vehicle Key Battery

 **Warning:** Using the incorrect battery type can cause the vehicle key to not operate correct, or can cause fire or explosion. Always use the correct battery type when the battery is replaced.

 **Warning:** The vehicle key contains a small cell battery. Do not ingest or swallow the battery. If the battery is swallowed, there is a risk of choking, severe internal chemical burns or death. Always keep both new and used batteries away from children and do not allow children to use the vehicle key. If you suspect a battery has been swallowed, immediately seek medical attention.

Battery Power Conservation

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

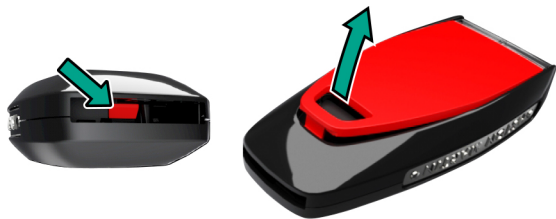
If the vehicle key is not moved for a set period of time, it will automatically deactivate.

To manually deactivate the key, double tap .

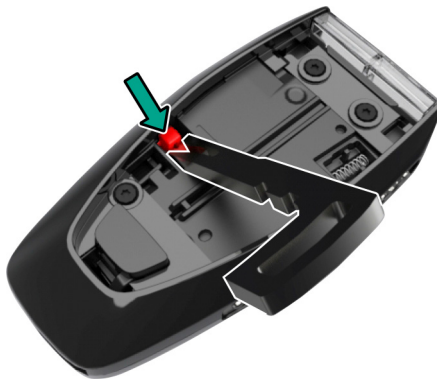
Battery Replacement

To replace the vehicle key's battery:

1. Remove the emergency key from the vehicle key.
2. Use the emergency key to release the tab holding the top cover for the vehicle key.



3. Use the emergency key to release the tab holding the battery tray.



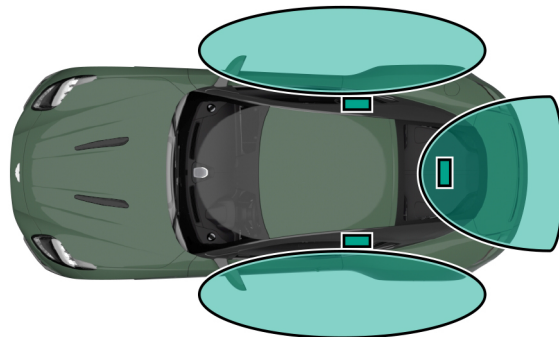
4. Replace the battery for the vehicle key.

 *The vehicle key uses a CR2032 battery.*



Keyless Entry Zones

The Keyless Entry function for vehicle locking will operate when a vehicle key is inside the vehicle cabin or in one of the below reception zones:



Unlocking and Opening

Unlocking From Outside the Vehicle

Using The Vehicle Key

Stand within 5 m (16 ft) of the vehicle, and press . To show that the security system has been disarmed and the vehicle unlocked, the direction indicators will flash¹. The vehicle door handles will be presented. Pull the door handle to open the door.

 *For ease of use at night white LEDs are incorporated into the door handles which illuminate when the vehicle is unlocked. The door LEDs will go off after 40 seconds or if the vehicle is locked again.*

Global Close

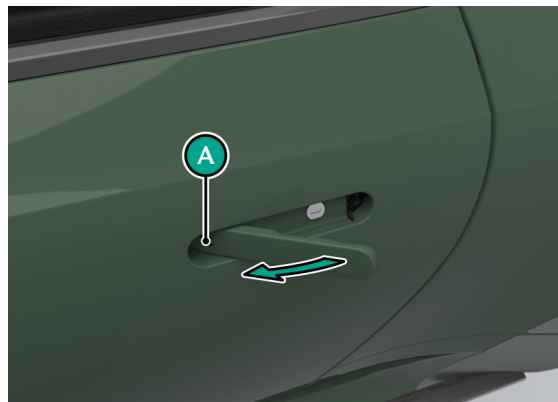
Press and hold  to unlock all vehicle doors and open all windows.

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

Volante: When global close is used, the convertible roof will also open or close with the windows respectively.

Using Keyless Entry

To unlock the vehicle with keyless-entry active, gently push at point (A) and open the door handle. If one step unlocking has been set, only the driver's side door will open the passenger door on a second unlock request. Presenting handles will retract after 25 seconds, if the vehicle is locked or if the vehicle is driven.



¹ An audible confirmation can also be set in the vehicle settings (Refer to 'Comfort', page 12.5).

Presenting Handle

Whenever the vehicle is unlocked the door handles will present from the door to give ease of access. Presenting handles also match one step unlock configuration if set.

Door Opening Whilst Driving

If a door is opened while driving a warning sound will be heard and a warning will be shown on the instrument cluster until the door is closed again.

Locking From Outside the Vehicle

Using The Vehicle Key

Close all the vehicle doors. Stand within 5 m (16 ft) of the vehicle, point the vehicle key towards the vehicle and

press . The direction indicators will flash and all vehicle doors will lock. If automatic fold-in mirrors has been set to on in the vehicle settings, the mirrors will fold closed.

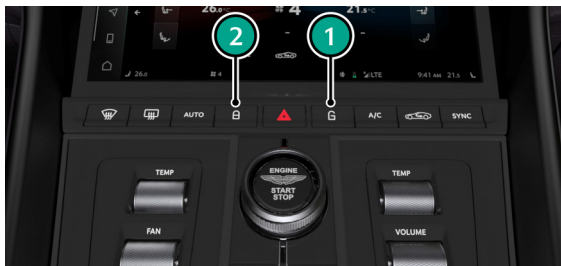
 If  is pressed with the driver's door open, the vehicle will not lock until that door has been closed.

Using Keyless Entry

Close all the vehicle doors. Press the rear edge of a door handle to activate the lock switch. The direction indicators will flash and all vehicle doors will lock. If automatic fold-in mirrors has been set to on in the vehicle settings, the mirrors will fold closed.

Interior Lock Switches

The doors can be locked and unlocked by using the master unlock  (1) and lock  (2) switches.



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.

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

Automatic Locking Feature

The central locking can be set to automatically activate once the vehicle speed exceeds 15 km/h (9 mph).

The automatic locking feature can be activated or deactivated in the vehicle settings menu (Refer to 'Comfort', page 12.5).

 *The vehicle must be stationary to change the status of the automatic locking feature.*

Deck Lid

Volante Only

Decklid operation will be disabled when the tonneau cover for the convertible roof is open. Fully open or close the convertible roof to be able to access the luggage compartment.

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.



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 a 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(s) must be removed from the luggage compartment before the deck lid can be locked. If a second key is in range outside the vehicle the latch will engage and lock the deck lid. There will also be an audible or visible lock confirmation dependant on settings.

Emergency Access and Start

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.



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



Caution: 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.

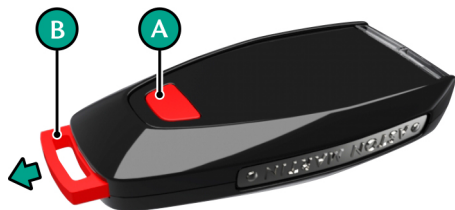


Caution: If the vehicle battery is fully discharged, the emergency key will only lock or unlock the left side door. The right side door can be unlocked from inside the vehicle, but unless power is supplied to the vehicle, that door cannot be locked again.

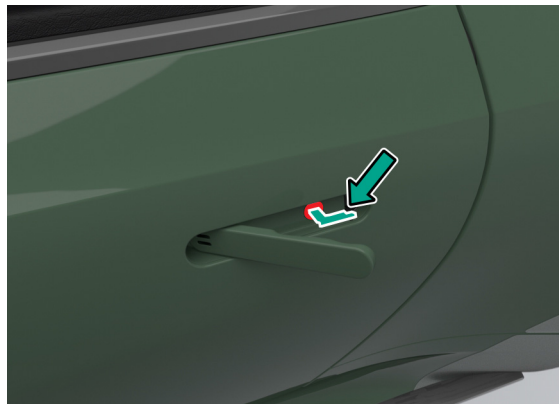


Even if the vehicle key has lost all power it will start the engine when used in the emergency ignition space.

Press and hold the button (A) to release the ratchet holding the emergency key (B) and pull the key out. The emergency key can either be fully removed or partially removed and operate as a keyring mount.

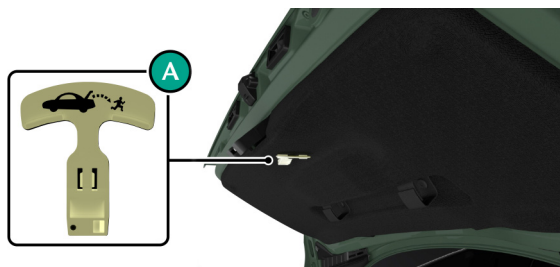


The emergency key can be used to unlock the left door. To unlock the door, open the door handle, insert the key into the door lock and turn.



Emergency Deck Lid Release

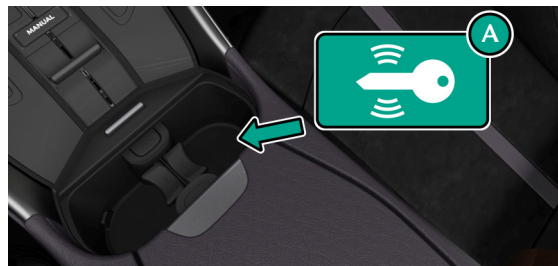
The deck lid can be opened from inside the luggage compartment by pulling the luminous emergency release handle (A).



Emergency Start

If the vehicle does not start and the message *Place the key in the marked space - See Owner's Manual* is shown in the instrument cluster:

1. Place the vehicle key in the space (A) in the cup holder.



2. The vehicle will start after a short time.
3. Once the engine has started, the key can be moved.

If the vehicle does not start, leave the key in space (A), fully press the brake pedal down and start the vehicle with the stop/start button as usual.

Contact your Aston Martin Dealer to have the key checked.

Anti-Theft Systems

Introduction

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

- Remote arm and disarm
- Perimeter sensing
- Remote door, deck lid, fuel flap 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 Immobiliser
- Ultrasonic Interior movement sensors
- Tilt (tow-away) sensor

When the security system is armed, any attempt to gain access by breaking a window or forcibly opening a door, the deck lid or the bonnet 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 flash¹ for five minutes after which the security system returns to the armed state.

The doors and deck lid will stay locked throughout.

Stop the alarm at any time by pressing  on the vehicle key or open a vehicle door with keyless entry active. There is approximately a ten second delay before the alarm is stopped.

Engine Immobiliser

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

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

! Caution: 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.

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

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 and the deck lid 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 'Comfort', page 12.5).

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 deck 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 'Comfort', page 12.5).

Aston Martin Tracking

(Option - not available in all markets)

The Aston Martin Tracking system uses Global Positioning Satellite (GPS) and Global System for Mobile communications (GSM) technology to provide pinpoint accuracy and unparalleled service levels.

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

The system provides the following features:

Automatic Driver Recognition

Alerts the Aston Martin Tracking Secure Operating Centre immediately if your vehicle is stolen.

Tamper Alert

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

Tow-Away Alert

Activated when motion is detected with the ignition switched off.

System Health Check

Regular automatic self diagnostic check.

Transport Mode

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

Transport mode can also be set in the Aston Martin App.

Service Mode

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

Service mode can also be set in the Aston Martin App.

Theft History

Minute by minute theft log helps Police secure convictions.

Pinpoint GPS Tracking

Allows tracking operation centre to be accurate to within 10 metres.

International GSM Coverage

Roaming SIM card gives coverage across more than 180 countries.

Country Coverage

Local language Police liaison and stolen vehicle recovery across Europe¹.

For a list of countries where tracker subscription is available (Refer to 'Connected Car Set Up', page 8.2)

Insurance Accreditation

Conforms to the highest European accreditations for stolen vehicle tracking systems - Thatcham Category S5.

¹. Coverage is limited to support and liaison with authorities in Russia, Ukraine and Turkey.

How the System Works

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

 *Do not leave the driver tag inside the vehicle. It should be kept in a safe place.*

The system arms when the vehicle ignition has been switched off and the driver tag is out of range.

The system will automatically disarm when the driver tag is in range of the vehicle and ignition is set to on.

If your vehicle is driven a set distance and the driver tag has not been detected, a silent alert is transmitted to the Secure Operating Centre to inform the advisors of a potential unauthorised movement of your vehicle. The advisor will then contact you.

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

The system will additionally send an alert if:

- Your vehicle is lifted or towed away without the vehicle key.
- Your vehicle battery is disconnected or discharged.

A monthly health check message will also be sent to the Secure Operating Centre to confirm full system functionality.

If your Vehicle is Stolen

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

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

Once the theft has been confirmed with you, the advisors will ask you to contact the Police to report the theft and to call the advisor back immediately with a Police incident number. Receipt of an alert does not constitute a confirmed theft, as Police Forces require key holder verification of a theft. The Secure Operating Centre will then liaise with the relevant Police Force to recover your vehicle.

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

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

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

Additional Information

False Alarms

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

Damage Check

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

Driver Tag Battery

The battery for each driver tag will need replacing periodically, and you will receive a notification in the Aston Martin App if the driver tag needs a battery replacement.

The driver tags use a CR2032 type battery, which can be purchased from most high street outlets.

To Change the Battery:

1. Remove the cover from the driver tag by using a small screwdriver to gently lever it open at the corners.
2. Remove the existing battery by sliding it out of the metal grip and replace it with the new battery.

Change of Details

You must contact your Aston Martin Dealer if any of your personal details change. For example:

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

Contact Details

Aston Martin Tracking 24 Hour Secure Operating Centre

For the latest contact phone numbers for your region, refer to the Aston Martin App.

Austria	(+43) 4633 99000
Belgium	(+32) 2844 0391
Denmark	(+45) 9375 5474
France	(+33) 1872 15826
Germany	(+49) 234 9592 3980
Hungary	(+36) 8098 6234
Italy	(+39) 8007 76549
Netherlands	(+31) 8522 51695
Norway	(+47) 2396 4418
Poland	(+48) 8000 88708
Portugal	(+351) 8001 50077
Romania	(+40) 3163 10453
Spain	(+34) 9008 61713
Switzerland	(+41) 4355 10599
UK	(+44) 20388 57296

Aston Martin Technical Services Centre

+44 (0)1926644720 for any technical support.
(Monday to Friday - 08.00 to 17.00)

Homelink® Wireless Control

 Not available in Azerbaijan

(Optional)

The HomeLink®¹ Wireless Control buttons and transceiver are on the interior rear view mirror. The transceiver can be programmed to operate up to 3 transmitters to operate garage doors, entry gates, home lights, security systems, or other radio frequency operated devices.

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

For information or assistance, contact your Aston Martin Dealer.

 **Warning:** When the transceiver is being programmed to a garage door opening system, make sure that people and animals, 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 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.

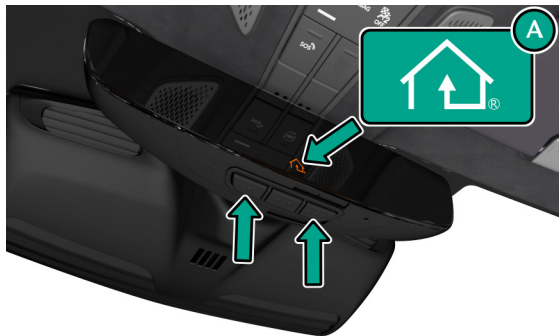
 The manufacturer is not responsible for any radio or TV interference caused by unauthorised modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

¹. Gentex®, HomeLink®, and the HomeLink® house icon are registered trademarks of Gentex Corporation.

Programming

 *Step 1 will clear previously programmed devices and is only necessary if programming HomeLink for the first time or when erasing all existing programming. This step is not necessary to program additional devices. The HomeLink® buttons can be reprogrammed individually but not individually erased*

1. Press and hold the two outer HomeLink buttons until the HomeLink symbol (A) begins to flash green after 10 seconds.



Release the two buttons. All three buttons are now cleared, and the HomeLink system is now in setting mode.

2. Press the HomeLink button you want to program. The HomeLink symbol should begin to slowly flash orange.
3. Press and hold the remote control for the device to be programmed at a distance of 20 mm to 80 mm (1" to 3") away from the HomeLink transmitter unit, keeping the HomeLink symbol 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.*

4. Press and hold the remote control button until the HomeLink symbol turns to either rapidly flashing or continuously green.

 *Some markets require the remote control to time out after it's button is pressed and held for a certain amount of time. If the indicator light on the remote control goes off whilst programming, press and release the remote control button every 2 seconds until the symbol changes to green.*



5. Press the newly programmed HomeLink button.
 - If the symbol stays constantly green, programming is complete and your device should operate when the HomeLink button is used.
 - If the symbol rapidly flashes green, press and hold the HomeLink button for two seconds twice. Depending on the brand of the device, you may need to press and hold for a third time to complete the programming process. At this point if your device operates, programming is complete.
 - If the your device does not operate, refer to you device's manual to see if there are steps required on your device to complete the programming of a rolling code equipped device.

Operation

The vehicle should be within the operating range of the device 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.

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



Press the programmed HomeLink button to operate the device.

The HomeLink symbol will come on when the button is pressed and will stay on while the garage door opener (or other device) operates.

Reprogramming

To program a new device, press and hold the desired HomeLink button for 20 seconds until the LED starts flashing slowly. That button may now be programmed to work with a different device.

 *If you do not complete programming the new device, the previous device will still be programmed to that button.*

Before Driving

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Checks Before Driving

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

Outside the Vehicle:

- Visually check the road wheels, wheel bolts and tyres.
- Check that all windows, mirrors and lamps are clear and unobstructed.
- Check that the deck lid, bonnet and fuel filler flap are securely closed.
- Check the operation of all lamps.

Once Inside the Vehicle:

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

Seats

Front seats only.

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

The seats can also be adjusted:

- Up to 6 minutes after a door is unlocked and before the ignition is switched on.
- Up to 6 minutes after the ignition is switched off.

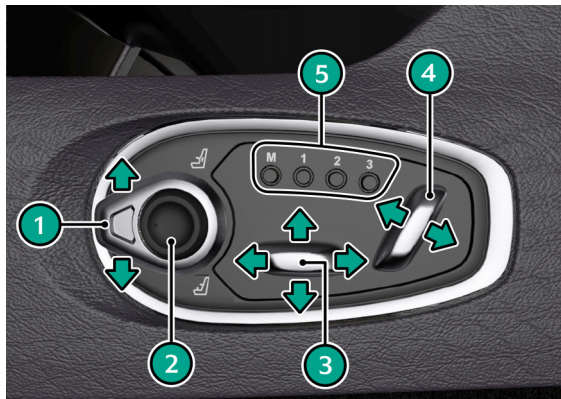
If the seat operation times out:

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

Seat Controls

Electric Seat Adjustment

 *The ignition must be on before the lumbar and bolster support can be operated.*



[1] LUMBAR/BOLSTER ADJUSTMENT SELECTOR

SWITCH₁: Press the switch up to select lumbar adjustment. Press down to select bolster adjustment.

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

[3] SEAT POSITION ADJUST: Seat forward/backward and height adjust₂. 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 door mirror positions.

₁. Optional - Sport Seat Only

₂. Not performance Seat

Manual Seat Adjustment

(Performance seat only)

To move the seats forward or back, pull the strap to unlock the seat.



Seat Back Release

⚠ Caution: Make sure that the headrest for the seat does not hit the sun visor. The seat can cause damage to 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.

Headrests

The driver and 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.



Windows

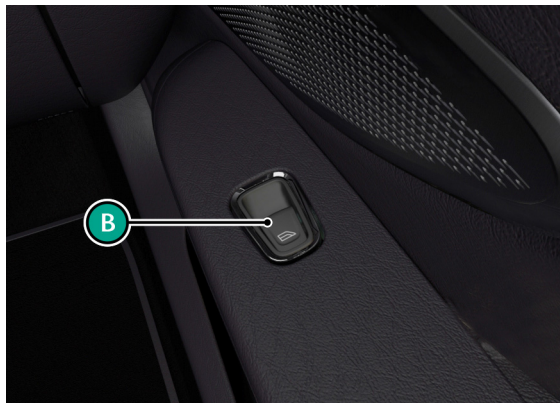
⚠ Warning: Misuse of the window switches, especially by children, can result in injury due to entrapment in the window closure. Drivers must advise all passengers of the possible danger and make sure that all obstructions are clear before raising the window.

 The windows can be operated up to one minute after the ignition is turned off.

To raise and lower the windows the ignition must on. Use a window switch on the driver's side (A) or the passenger's side (B) to operate a window.



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



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

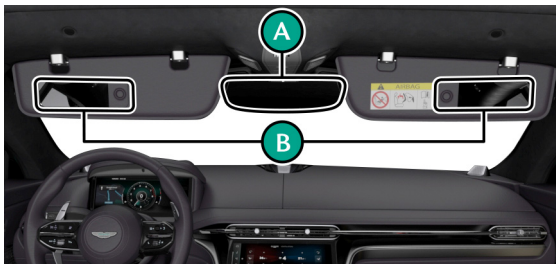
The window automatically lowers a small distance to clear the door seal when a door is opened. When the door is closed, the window automatically lifts against the body frame rubber seals.

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 senses an obstruction, the window stops closing and then opens to release the obstruction.

Mirrors

Interior Mirrors



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

Automatic Dim

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

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.



Heated Mirrors

The heated door mirrors will operate when the heated rear window is switched on.

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. The mirrors will return to the driving position when the vehicle is unlocked.

This function can be enabled or disabled in the systems settings menu (Refer to 'Comfort', page 12.5).

Memory Function

The position of the exterior mirrors is stored when a seating position is saved for the driver's seat.

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

Adjustment

⚠ Warning: Do not adjust the steering column 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 with the adjustment stalk. Push the stalk down or up to adjust the steering column angle. Pull the stalk towards you to bring the steering wheel closer and away to move the steering wheel back.



Heated Steering Wheel

 The ignition must be on before the heated steering wheel can be operated.

To set the steering wheel heating to on, rotate the end of the adjustment counter-clockwise from you. The indicator LED lamp will also come on.

To turn the steering wheel heating off, rotate the stalk clockwise.

 The steering wheel heating is always set to off when the ignition is set to off.

Memory Function

The position of the steering column is stored when a seating position is saved for the driver's seat.

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.

 **Performance Seat:** Only the position for the seat height, tilt and backrest position are stored in the memory.

 **Lumbar and Bolster positions** are not recorded when memory positions are saved¹.

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

The infotainment settings will also be saved from the last time each vehicle key was used.

¹. Sport Seat Only

Setting a Memory Position



To Save A Memory Position

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

Adjust the seat, steering column and the exterior 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 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 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.
- Rear passenger safety belts.
- Driver and front passenger dual-stage airbags.
- Driver and front passenger seat side airbags.
- Driver and front passenger roof mounted curtain airbag (coupe).
- Driver and front passenger door mounted curtain airbag (volante).
- Driver knee bolster airbag.
- Roll Over Protection System (ROPS) (volante).

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 a passenger's chest.

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

Front 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 passenger₁ 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 off, but the warning symbol will continue to show until the seat belt is fastened.

Rear Seat Belt Status

If a rear seat belt is unbuckled, regardless of if the rear seat is occupied, a warning will be shown in the instrument cluster to show which seat belts are not buckled correctly. To clear the warning, make sure all rear belts are buckled.



The warning will also be shown at ignition on to test the system. Press OK or wait 60 seconds for the warning to clear.

 *If a belt is unbuckled once the vehicle is in motion, an audible warning will also be given.*

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.



3.16 Before Driving

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



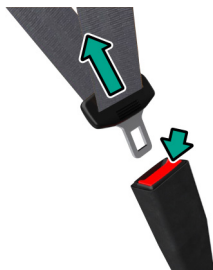
Pull upwards on the diagonal belt to make sure that the latching is secure and to remove all slack from the belt. Check that the lap belt is installed snugly, low down across the hips, and that there are no twists.

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 trim¹ or door², only deploy according to which side has been impacted in a serious side collision.



-
1. Coupe Only
 2. Volante Only

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.

Child Safety

Aston Martin strongly recommends:

- That all children are sat in the rear passenger seats.
- Always use ISOFIX anchors 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.

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

- Front passenger seat with Occupant Classification System (OCS).
- Rear seat ISOFIX anchors.
- Rear seat tether anchor points (coupe only).
- Passenger seat Automatic Locking Retractor (ALR) seat belts.

⚠ Warning: *The front seat belt reminder function is only designed to recognise an adult sized occupant and will not be activated by a child seat. If a child seat is to be secured to the front passenger seat with a seat belt, make sure it is correctly installed in accordance with the manufacturer's instructions. A child seat that is not correctly restrained can cause an infant or child to be seriously injured or killed in a crash.*

⚠ 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.*

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 sides of the passenger sun visor and on the passenger end of the instrument panel.



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 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.*

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.

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



Passenger Seat	Airbag	Status Symbol
Empty	Off	
Child + Child Seat	Off	
Adult	On	

 The  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 taken 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 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 trim 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 capacitance. 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, it's 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 sideways, 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

Child Seat Position Tables

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

Aston Martin recommends that the front passenger seat is not used with child seats.



	Seating Position			
Seat position number	1	2	3	4
Seating position suitable for universal belted	No	Yes	No	No
i-Size seating position	No	No	No	No
Seating position suitable for lateral fixture	No	No	No	No
Largest suitable rearward facing fixture	N/A	N/A	N/A	R1 ₁
Largest suitable forward facing fixture	N/A	N/A	F2X ₂	F2X ₂
Largest suitable booster fixture	N/A	N/A	B3	B3
Compatible with a support leg	No	No	Yes	Yes
Equipped with ISOFIX anchorages	No	No	Yes	Yes
Equipped with top tether	No	No	Yes ₃	Yes ₃

1. When a child seat is installed to the rear seat using ISOFIX, you must move the seat directly in front of the child seat to its fully forward and highest position. Move the back of the seat to its fully forward position. The back of the seat must be moved with the seat control switch and not the seat release strap. The front seat should also NOT be occupied.

2. Coupe Only: When a child seat is installed to the rear seat using ISOFIX, you must move the seat directly in front of the child seat to its fully forward and lowest position. Move the back of the seat directly in front of the child seat to an upright position.

3. Coupe Only

Seat Position - Seat Belt Installation

 **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:** Seat belt installed child restraints are designed to be secured by the lap belt and shoulder portion of the 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 Child 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.

Rear Child Seat Installation

Aston Martin do not recommend a child seat is installed to the rear seats of this vehicle with a seat belt.

Rear Child Seat Installation

⚠ 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 ISOFIX anchors. If seat belts or a foreign object prevents the child seat from being securely attached to the ISOFIX anchors, the child seat could move in a sudden stop or collision causing serious injury or death to the child or other passengers.

⚠ Warning: Make sure that the child seat tether strap is always used when installing a child seat with ISOFIX anchors.

Rear Tether Anchors Seats

 **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.

 **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.

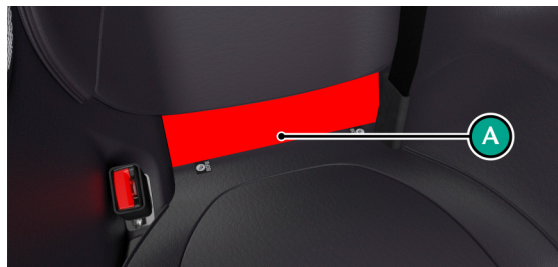
 **Warning:** When installing the child seat, make sure that there are no seat belts or foreign objects near or around the ISOFIX anchors. If seat belts or a foreign object prevents the child seat from being securely attached to the ISOFIX anchors, the child seat could move in a sudden stop or collision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

 **Warning:** Make sure that the child seat tether strap is always used when installing a child seat with ISOFIX anchors.

This vehicle is equipped with ISOFIX (International Standards Organisation FIX) anchors for the installation of child seats on the rear passenger seats. The 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.

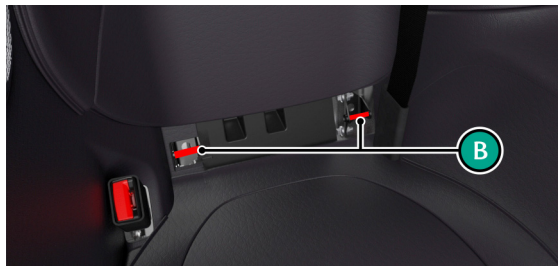


Remove the lower seat back panel (A).



 *The seat back trim panels are left and right handed.*

Secure the child seat using the ISOFIX anchors (B), following the child seat manufacturer's instructions.



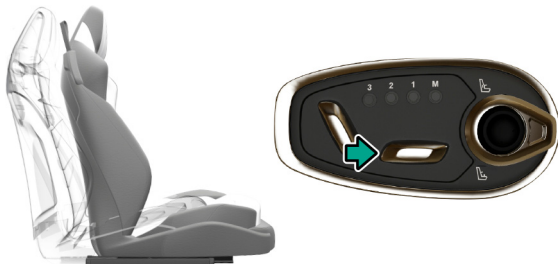
Front Passenger Seat Position

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

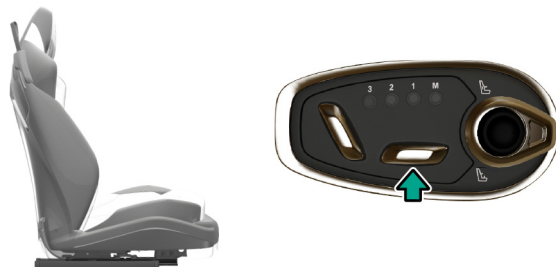
For Size Class R1 Fixture ISOFIX SEATS:

Coupe Only

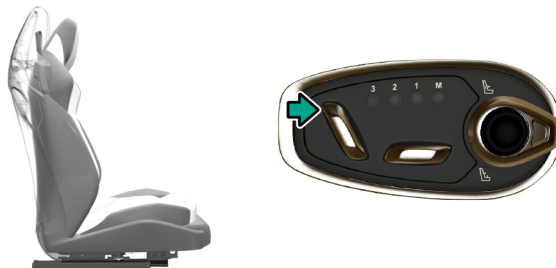
1. Move the base of the seat directly in front of the child seat to its fully forward and lowest position.



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



3. Adjust the back of the seat to its fully forward position.

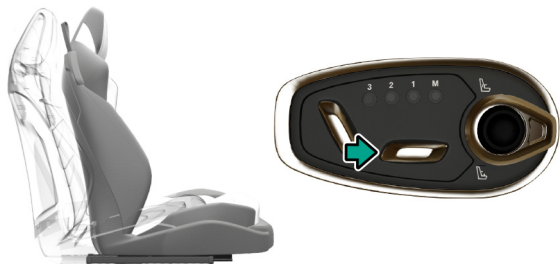


For Size Class F2/F2X Fixture ISOFIX SEATS:

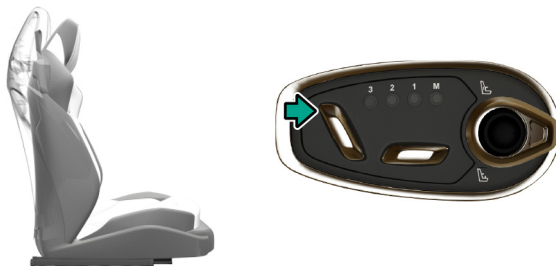
1. Move the base of the seat directly in front of the child seat to its lowest position.



2. Move the base of the seat as far forward as possible.



3. Adjust the back of the seat to a fully vertical position.



Cabin Storage

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.



Glove Box

 **Warning:** In the event of heavy braking, sharp steering or an accident, items in the glove box can be thrown into the cabin and can cause injury. Always close the glove box before driving.

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



Centre Storage Box

The centre storage box gives access to two USB-C ports and a 12V accessory power socket.



Variable Load Space

(Volante Only)

This vehicle has a variable load space device installed that, when the convertible roof is raised, increases the available luggage capacity.

Operation

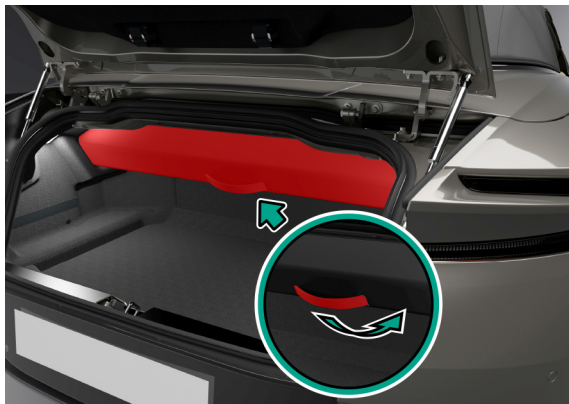
 *The variable load space divider can only be used with the convertible roof in it's raised position.*

To open the load space push the handle up. This will provide an increase in storage space of approximately 40 litres. When the variable load space divider is in it's raised position, you will not be able to lower the convertible roof.

 *A warning will be shown in the instrument cluster if the roof switch is press and the divider is raised.*

To lower the variable load space divider, pull the handle down.

Accessory Sockets



⚠ Warning: Only connect accessories which are designed for use in a motor vehicle with a 12V electrical system. The electrical system could become damaged if there is more than 10A used from the accessory socket. Always read the manufacturer's instructions and make sure that you do not connect any device which can exceed the rating of the accessory socket.

⚠ Caution: Always use the cover for the accessory socket when not in use. Items can get into the socket and cause damage.

There is an accessory socket located in the armrest storage box in the cabin. This may be used to power any 12 volt vehicle accessory requiring a current of less than 10A.

Ashtray and Cigar Lighter

(Optional)

⚠ Warning: *The cigar lighter will be very hot when in use. Always hold the cigar lighter by the handle and always make sure that the cigar lighter is out of reach of children. Never leave children unattended in a vehicle that has a cigar lighter.*

⚠ Warning: *Do not become distracted while driving, and always be fully aware of all driving conditions. Only use the cigar lighter when road and traffic conditions allow. Failure to avoid potentially hazardous situations could result in an accident or collision resulting in death or serious injury.*

The cigar lighter can be used in the cabin accessory socket when the ignition is on.

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

The ashtray installs into the cup holders.

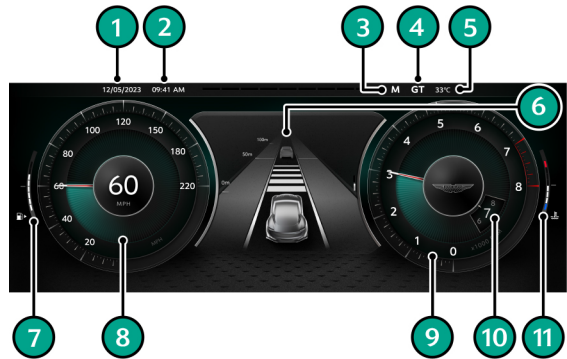
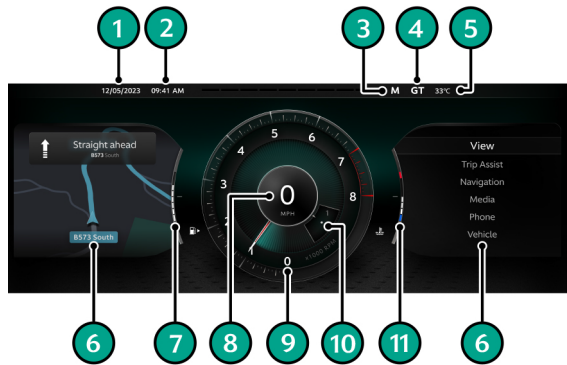


Controls

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Instrument Display

Instrument Cluster Overview



[1] DATE:

Shows the current day, month and year.

[2] CLOCK:

Shows the time.

[3] TRANSMISSION INDICATOR:

Shows the currently selected transmission (Refer to 'Transmission Controls', page 5.5).

[4] DRIVE MODE:

Shows which drive mode the vehicle is in (Refer to 'Drive Modes', page 5.10).

[5] OUTSIDE TEMPERATURE:

Shows the outside temperature.

[6] AUXILIARY SCREEN:

Shows an auxiliary screen for vehicle systems such as ADAS, navigation, instrument cluster menu or audio.

[7] FUEL GAUGE:

Shows how much fuel is left in the fuel tank.

[8] SPEEDOMETER:

Displays vehicle speed.

[9] TACHOMETER:

Shows the engine speed in revolutions per minute x 1000.

[10] GEAR INDICATOR:

Shows selected gear. Also shows when to change up or down a gear in Semi-Automatic and Manual modes (Refer to 'Semi-Automatic Mode', page 5.7).

[11] ENGINE COOLANT TEMPERATURE GAUGE:

Shows the engine coolant temperature.

Information and Warnings

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



[1] BATTERY:

The electrical system will do a self-test when the ignition is first turned on. If the warning stays on, or illuminates during driving, there may be a fault with the battery or electrical power system.



[2] 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.

[3] LAMP FAILURE:

Shows when a lamp has failed. Have the system checked by an Aston Martin Dealer.



[4] STOP/START SYSTEM:

Shows the status of the stop/start system (Refer to 'Stop/Start', page 5.46).



[5] PARK SENSORS:

Shows when parking sensors are manually turned off (Refer to 'Park Distance Control', page 5.48).



[6] VEHICLE SPEED CONTROLS:

Shows if cruise control is active and set distance to vehicle in front for adaptive cruise control (Refer to 'Speed Control Systems', page 5.16).



[7] LANE ASSIST:

Shows vehicle lane assist status (Refer to 'Lane Assist Systems', page 5.20).



[8] HANDS OFF WARNING:

Used to show when a hands-off event occurs (Refer to 'Hands Off Detection', page 5.23).



[9] REAR FOG LAMP:

Shows if the rear fog lamp is on or off.



[10] SIDE/DIPPED BEAM HEADLAMPS:

Shows if the side or dipped beam headlamps are active.



[11] MAIN BEAM HEADLAMPS:

Shows the status of the main beam headlamps (Refer to 'Auto Main Beam', page 4.15).

[12] AUTOMATIC EMERGENCY BRAKING:

Shows when active brake assist has detected a potential front collision or if the system has been set to off (Refer to 'Automatic Emergency Braking (AEB)', page 5.35).

[13] 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.

[14] DRIVER ATTENTION ASSIST:

Shows if there is a driver attention warning or a fault with the Driver Attention Assist system (Refer to 'Driver Attention Assist', page 5.26).

[15] 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 fastened¹.

[16] BRAKE WARNING:

If either symbol stays on, there may be a fault with the braking system (Refer to 'Brake Warnings', page 5.33).

[17] ELECTRIC PARK BRAKE (EPB):

Shows when the electric park brake is applied and goes off when fully released.

[18] EPB MALFUNCTION:

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

¹. Market dependant

[19] ABS:

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

When the ignition is first switched on, this symbol will briefly be shown whilst the vehicle completes 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.

[20] OCCUPANT RESTRAINT CONTROL (ORC):

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

When the ignition is first switched on, this symbol will briefly be shown whilst the vehicle completes 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.

[21] TYRE PRESSURE:

If this symbol stays on or comes on while driving, a tyre or tyres' air pressure is below specification.

[22] ESP:

When the Electronic Stability Program (ESP) is set to On, the ESP symbol will flash when the ESP is operating. If, while ESP is On, the ESP symbol stays on or it comes on permanently whilst driving, the ESP system has detected a fault. An ESP fault message will show in the message centre. Consult your Aston Martin Dealer as soon as possible.

If ESP has been manually set to Track, the ESP Off symbol and ESP Track will be shown in the instrument cluster.

If ESP has been manually set to Off, only the ESP Off symbol will be shown.

[23] GASOLINE PARTICULATE FILTER (GPF) FAULT:

Shows when GPF must perform a regeneration cycle, or if there is a fault with the GPF (Refer to 'Gasoline Particulate Filter (GPF)', page 5.47).

[24] SUSPENSION FAULT:

Shows when there is a fault with the adaptive suspension system.

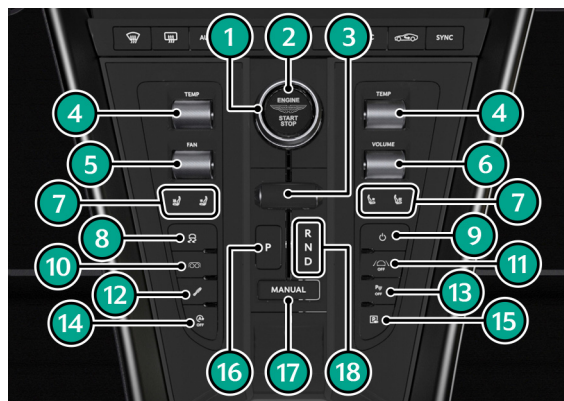
[25] EXHAUST MODE:

Shows when an exhaust mode other than default is selected.

[26] SUSPENSION MODE:

Shows which suspension mode the vehicle is in (Refer to 'Adaptive Damping', page 5.30).

Centre Console



[1] DRIVE MODE SELECTOR: Rotate to select drive modes.

[2] ENGINE START/STOP: Press to start or stop the engine.

[3] TRANSMISSION SELECTOR: Use to select a transmission mode (Refer to 'Automatic Mode', page 5.6).

[4] TEMPERATURE: Adjust the temperature for the climate control.

[5] FAN SPEED: Adjust the fan speed.

[6] VOLUME: Adjust the volume for the audio system. Press to mute audio.

[7] HEATED/COOLED SEATS: Press to change the level of seat heating or cooling.

[8] ELECTRONIC STABILITY PROGRAM,: Press to set stability program (Refer to 'ESP Modes', page 5.40).

[9] INFOTAINMENT ON/OFF: Set the infotainment system to on or off. Press and hold to cycle haptic feedback on and off.

[10] EXHAUST MODE: Press to cycle exhaust modes.

[11] LANE KEEP ASSIST: Set the lane keep assist to on or off (Refer to 'Lane Keep Assist', page 5.22).

[12] ADAPTIVE DAMPING: Press to cycle adaptive damping modes (Refer to 'Adaptive Damping', page 5.30).

[13] PARK DISTANCE CONTROL: Press to set the Park Distance Control (PDC) sensors to on or off (Refer to 'Park Distance Control', page 5.48).

[14] STOP/START: Use to set the eco stop/start function on or off (Refer to 'Stop/Start', page 5.46).

[15] CAMERA: Changes the infotainment system display to the camera system.

[16] PARK SELECT: Press to select Park.

[17] MANUAL MODE: Press to enter manual transmission mode (Refer to 'Manual Mode', page 5.9).

[18] TRANSMISSION STATUS INDICATOR: Shows selected transmission mode.

Steering Wheel Controls



[1] CANCEL:

Tap to cancel the set speed.

[2] ADJUST DISTANCE:

Swipe to adjust the set distance between the vehicle in front and your vehicle during Active Cruise Control (ACC).

[3] START VOICE CONTROL:

Tap briefly to use to use voice control system (Refer to 'Voice Control', page 4.12).

Press and hold use with for mobile device voice functions.

[4] RES:

Tap to resume a set speed in the speed control systems or adopt a new speed limit in ACC.

[5] SPEED SET SWITCH:

Use the roller dial to adjust the set speed for the ACC or variable speed limiter.

[6] SPEED CONTROL SYSTEM SELECT:

Tap to switch between Adaptive Cruise Control (ACC) and variable speed limiter functions (Refer to 'Speed Control Systems', page 5.16).

[7] MENU HOME:

Tap to open the instrument cluster menu (Refer to 'Instrument Cluster Menu', page 4.9).

[8] MENU SCROLL BUTTONS:

Swipe through the menu to navigate the instrument cluster menu. Press the button to select an item in the menu (referred to in this handbook as **OK**).

[9] MENU BACK:

Tap to go back one level in the instrument cluster menu.

[10] CALL:

Tap to answer an incoming call or open the last dialled number. Press again to end a call. Press and hold to reject an incoming call (Refer to 'Calls', page 7.4).

[11] VOLUME:

Use the scroll wheel to adjust the volume for the audio system. Press to mute audio.

[12] NEXT TRACK:

Tap the to skip to the next audio track.

Instrument Cluster Menu

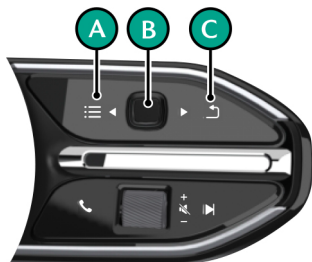
The instrument cluster includes a secondary infotainment system menu. This menu includes settings for the instrument cluster such as trip computer and units as well as audio and navigation overview screens.

 *If the cluster is in single dial mode, an item selected to appear in the left screen will not be shown in the menu.*

The instrument cluster menu options are:

- Driver Assistance
- View
- Trip Assist
- Navigation
- Media
- Phone
- Vehicle

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



Driver Assistance

Opens the *Driver Assistance* screen which shows an outline of the vehicle with overlays for each various Advanced Driver Assistance Systems (ADAS) function.

- **Adaptive Cruise Control (ACC):** Shows set distance for cruise control and the gap to the vehicle in front, if there is one present (Refer to 'Speed Control Systems', page 5.16).
- **Speed Limiter (LiM):** Shows warnings for if a speed limit for the road changes. Set vehicle speed limit is shown above speedometer display.
- **Lane Keep Assist (LKA):** Shows a warning when a vehicle approaches the edge of the lane, or crosses into another lane, without the relevant indicator used to indicate lane departure (Refer to 'Lane Assist Systems', page 5.20).

- **Blind Spot Assist (BSA):** Shows a warning if there is another vehicle in the driver's blind spot. A secondary warning will be shown if the indicator is also turned on the same direction as the detected vehicle (Refer to 'Blind Spot Assist', page 5.27).
- **Traffic Sign Assist:** Shows information about road signs that have been seen by the vehicle's camera such as road speed and overtaking restrictions (Refer to 'Traffic Sign Assist', page 5.24).
- **Rear Cross Traffic Alert (RCTA):** Shows a warning if there is another vehicle, person or other obstruction appears behind the vehicle when reverse is selected (Refer to 'Rear Cross Traffic Assist', page 5.53).

View

This menu item is used to set whether the display for the instrument cluster uses a single centre combination dial with two information display windows, or a separate dial for speedometer and a combined tachometer with gear indicator with a single centre information window.

Either format of display also has 3 themes: Light, Dark and Automatic which changes between light and dark depending on light outside the vehicle.



The selected theme also sets the theme for the infotainment screen.

Trip Assist

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

- **Mileage:**
Shows trip mileage and total vehicle mileage.
- **Range:**
Shows available range for the vehicle with the available fuel and an instant rate of fuel consumption.
If a navigation destination has been set the distance to the destination will also be shown.
- **Trip Information:**
Shows the distance travelled, journey time, average vehicle speed and average fuel consumption rate.
 - **From Start:** Shows information from when the vehicle journey was started.
 - **From Reset:** Shows cumulative information since the vehicle trip computer was last reset.

Trip Reset

To reset the trip computer values, press and hold  on the steering wheel whilst on the *Mileage* or *Trip Information* screens.

Navigation

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

Media

Shows the selected media track.

Vehicle

The service menu shows information on vehicle. Select from:

- **Next Service Information:**
Shows how long until the next service is needed in both days and distance.
- **Tyres Pressure Monitor:**
Opens the Tyre Pressure Monitoring System Menu (Refer to 'Tyre Pressure Monitoring System (TPMS)', page 5.44)
- **Engine Oil Level:**
Shows the engine oil level (Refer to 'Engine Oil Level Check', page 13.9).

Voice Control

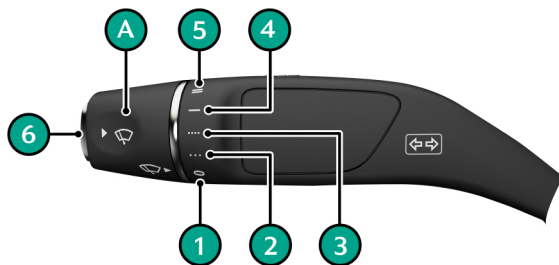


Commands can be selected in the infotainment system using voice commands. To begin voice control, press the  button (A) and say a command.

For example *"Enter Destination"* will give a list of options to enter a destination in the navigation system.

To cancel voice control press .

Wiper Controls



⚠ Caution: Set the ignition to on and wipers to off when in a car wash or if the vehicle is being pressure washed. Ignition on will make sure the wiper arms are locked into the park position and will help prevent damage to the wiper arms.

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

[1]: Windscreen 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 to the first detent for single wipe operation. Press further to the second detent to operate the front windscreen washers.

 At vehicle speeds above 240 km/h (150 mph) the wipers may automatically move to a high park position to reduce aerodynamic load. The wipers will function as normal and return to their normal park position when vehicle speed drops below 4 km/h (3 mph).

Lighting Controls

Exterior lamps

Master Lamp Switch

Turn the dial to the required light setting. Press the fog lamp button to operate the rear fog lamp.



[1]: Left side park lamp

[2]: Right side park lamp

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

[4]: Automatic headlamp mode

[5]: Dipped beam headlamps

[6]: Rear foglamp¹

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, rear and registration plate lamps will switch on automatically. If ambient light then increases, headlamps, 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).

Auto Main Beam

⚠ Warning: Auto Main beam is an aid only. The system cannot allow for road, weather or traffic conditions. It is the drivers responsibility to make sure the vehicle's lighting is correct for the driving conditions.

 The rain and light sensor may not operate correctly in low visibility or if obscured such as rain, fog, snow or dirt.

Auto Main Beam is used to automatically switch between main beam and dipped beam when other road users are present¹. The system uses the rain and light sensor to determine the range of other vehicles on the road and will set the headlamps from main beam to dipped beam if there is a vehicle in range. Once the system no longer detects a vehicle, it will set the headlamps back to main beam.

Activating Auto Main Beam

Auto Main Beam is active whenever the main beam headlamps are used and the master lamp switch is set to AUTO. Manually select dipped beam with the wiper stalk, or set the master lamp switch to dipped beam to cancel

Auto Main Beam. When Auto Main Beams are active,  will be shown in the instrument cluster.

¹. The system uses ambient lighting and light from vehicle front and rear lamps to separate parked vehicles and vehicles being driven.

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. Press until the switch latches to hold the selected indicator on. The stalk will return to the centre position on completion of a manoeuvre.

Hazard lamps

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



Press  (A) to set the hazard warning lamps to on. All direction indicator signals will flash. Press again to set 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 windscreen automatically reduces the level of brightness to a preset level.

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

The level of brightness can be reduced by using the illumination dial (A).

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

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

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

Slow down when it is raining.

Tyre Skip At Low Speed

In certain conditions, the front tyres may 'skip' at low speeds with summer tyres installed when a high level of steering lock is applied. This is a characteristic of the vehicle and does not affect the safety or performance of the vehicle.

Brakes in Cold Weather

At low temperatures (below 0°C) moisture within the brake pads may freeze and cause the brake pads to stick to the brake discs. Additional torque may need to be applied when the vehicle is first used after extended periods of being parked, and there may be a noise as the brake pads become free. Once released, the brakes will operate as normal.

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.

⚠ Caution: 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.

Multi Purpose Camera

The Multi Purpose Camera (A) is mounted at the top of the windscreen and is used to give external information to a number of driving systems in the vehicle.



To make sure that these additional driving systems function correctly, the area of the windscreen in front of the camera should be kept clean. The camera is under the swept area of the wiper blades, so will be cleaned as the wipers are used in poor weather. In long dry periods such as in summer, the windscreen wipers should be used periodically to prevent build up of dirt and dust.

How To Start The Engine

⚠ 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.*

⚠ Caution: *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. If you do, there is a risk of damage to the engine and transmission.*



⚠ Caution: *Make sure the park brake is applied and the transmission is in PARK (P).*

This will prevent the vehicle from moving once the engine is started.

To start the engine, fully press the brake pedal down and press **START/STOP** (A).

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

Stopping The Engine

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

Transmission Controls

The automatic transmission has three main driver modes:

- **Automatic Mode:**

Transmission is controlled automatically without driver input.

- **Semi-Automatic Mode:**

Gear changes can be controlled with the gearshift paddles behind the steering wheel. The vehicle will change gears when required.

- **Manual Mode:**

Gear changes are only controlled by the gearshift paddles behind the steering wheel and the vehicle will not perform gear changes.

Automatic Mode



In *Automatic* mode, drive modes are selected with the transmission selector lever (A) on the lower console. While driving forward, gearshifts are made automatically according to various driving parameters such as 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.

Reverse (R)

When reverse is selected, the infotainment screen will change to show the reverse camera display.

Neutral (N)

Press the shifter lever to the first detent to select Neutral.

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

Drive (D)

Select to engage forward gears.

Park (P)

Press the Park switch (B) when the vehicle is stationary. The transmission will mechanically lock.

⚠ Caution: Always make sure that the park brake is on when Park (P) is selected. This will help to make sure the vehicle will not roll.

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

Kick-Down

In *Automatic* mode, kick-down is used in circumstances where rapid acceleration is required, such as overtaking. Kick-down operates when the accelerator pedal is quickly and fully pressed, 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.

Semi-Automatic Mode

In *Semi-Automatic* mode, forward gear changes are made with the paddles located behind the steering wheel. If engine speed gets too high or low, the transmission control module will automatically make gear changes.

While in *Semi-Automatic* mode, move to *Automatic* mode at any time by pulling and holding the upshift (+) paddle until Drive is selected or selecting D with the gear selector lever.

Pull back on either the upshift (+) or downshift (-) paddle to enter *Semi-Automatic* 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 will occur automatically depending on the drive mode as 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.



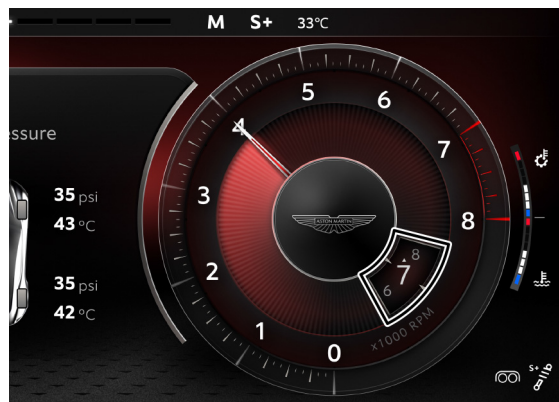
[1] : Downshift Paddle.

[2] : Upshift Paddle.

Gear Shift Indicator

The instrument cluster shows the actual gear currently selected D1, D2, etc and the target gear when a gearshift is in progress.

The instrument cluster will also show an up arrow to indicate when a gear change should take place to obtain better fuel economy. For example, when in seventh gear and a higher gear needs selecting, 7[^] is shown.



Manual Mode

 To protect the engine, the transmission will automatically drop to 1st gear when the vehicle is brought to a stop.

 Pulling and holding a shift paddle will not return the transmission to Automatic Mode.

 When the ignition is set to off, the transmission will revert back to Automatic Mode.

 The transmission will automatically make a change from 1st into 2nd gear.

*Manual mode operates similar to Semi-Automatic mode, except the transmission will no longer automatically change gear as engine speed approaches maximum speed. The transmission will also not revert to automatic mode after a set period of time. To select *Manual* mode, press the Manual switch (A). Press the switch again to leave *Manual* mode.*



Shift Lights

Whilst in manual mode, shift lights will be activate at the top of the instrument cluster. The shift lights will be added from left to right as engine speed increases.

Drive Modes

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

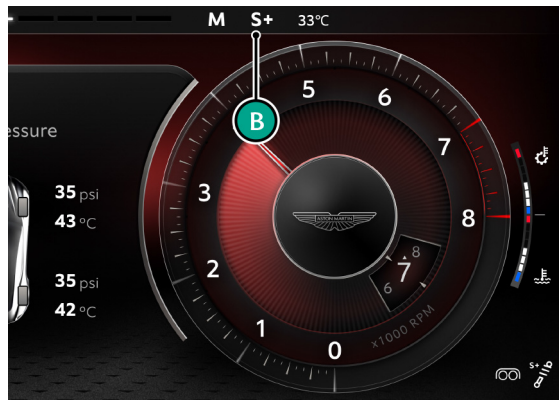
Five drive modes are available. Rotate the dial (A) to cycle between:

- Wet
- Individual
- GT (default)
- Sport
- Sport+



The selected mode will be shown in the top of the instrument cluster (B).

 *Drive modes set a default setting for Electronic Stability Program (ESP) and Adaptive Damping System (ADS) modes. These can then be adjusted after a drive mode has been set.*



Wet Mode

Wet mode sets the vehicle up to a similar calibration to *GT* but more suitable for driving in adverse conditions. ESP is set to a specific wet road tune to maximise grip and the engine map is also set to a unique calibration to provide predictable power delivery and smooth gear changes.

Default Settings

Parameter	Setting
Suspension:	GT
Steering:	GT
ESP:	Wet
Powertrain:	Wet
Stop/Start:	On
Exhaust:	GT

GT Mode

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

The vehicle is set to use a base engine and transmission calibration to suit a touring style of driving with ESP set to a default setting for normal road use.

Stop/Start functions are available to improve fuel economy.

Default Settings:

Parameter	Setting
Suspension:	GT
Steering:	GT
ESP:	On
Powertrain:	GT
Stop/Start:	On
Exhaust:	GT

Sport Mode

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

The vehicle now uses a more aggressive calibration, yet still comfortable enough to be used for general driving. Throttle response is also increased with and the exhaust bypass valves operate at lower engine speed to give a sense of increase driver involvement.

Suspension damping and steering weight are increased to match the vehicle dynamics to the powertrain calibration.

Default Settings:

Parameter	Setting
Suspension:	Sport
Steering:	Sport
ESP:	On
Powertrain:	Sport
Stop/Start:	Off
Exhaust:	Sport

Sport+ Mode

Sport+ mode further increases transmission and engine response over what is used in *Sport* mode. The exhaust bypass valves also revised to open at lower engine loads and speed. The suspension dampin is further increased but the steering has the same weighting used in *Sport* mode.

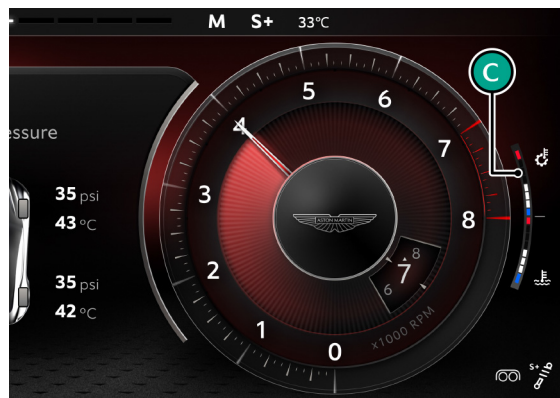
Stop/Start is disabled in *Sport+* mode by default.

Default Settings:

Parameter	Setting
Suspension:	Sport+
Steering:	Sport
ESP:	On
Powertrain:	Sport+
Stop/Start:	Off
Exhaust:	Sport+

Transmission Temperature Gauge

Sport+ mode also adds a transmission temperature gauge (C).



Individual

Individual mode is a custom setting with each parameter set by the driver.

To set *Individual* mode, rotate the drive mode dial in the centre console to a drive mode to use as a base setting, or rotate to *Individual*, and select *Edit*. Select from:

Powertrain

Drive:	Wet	GT	Sport	Sport+
Exhaust:	GT	Sport	Sport+	

Drive Dynamics

Steering:	GT	Sport	
Suspension:	GT	Sport	Sport+

Launch Control

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

 **Warning:** Launch 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.

 **Warning:** Excessive wheel spin can occur if launch control is used when the tyres are cold or on slippery surfaces with the traction control set to off. Practice use of this feature in a safe area. Greater driver input can be required to maintain vehicle stability and launch control should only be used in an environment where it will not affect the safety of the driver, vehicle occupants, or other persons around the vehicle

 **Caution:** To protect the drivetrain, launch control is not recommended if the vehicle has not already completed the running in period. The use of launch control can cause premature component wear as stress on components is increased when maximum acceleration starts are completed in comparison to normal drive off.

Launch control optimises vehicle acceleration from a standing start on surfaces with good traction in dry conditions. Best performance can only be achieved on tyres in good condition on dry high grip surfaces.

 Launch control will work in sub-optimal conditions on all surfaces, but best performance will not be achieved.

Launch control increases the amount of available torque from the engine during a standing start to provide faster acceleration times by building up boost pressure first.

To activate launch control:

1. The vehicle must meet all the below conditions:
 - All doors must be closed.
 - The engine and transmission must be at normal operating temperature.
 - The electric park brake must be released.
 - The transmission must be in D (Drive) and the vehicle is in Automatic Transmission mode or Manual paddle shift.
 - The steering wheel must be in the straight-ahead position.
 - Drive mode must not be set to Wet or Individual.
 - Vehicle must be on level ground.
2. Firmly press the brake pedal.
3. Fully press the accelerator pedal whilst the brake pedal is depressed.
4. When launch control is successfully activated, Race Start Active will be shown in the instrument cluster. When this message is shown, allow 2 to 3 seconds engine torque to increase and release the brake pedal to launch the vehicle.

Launch control will be cancelled if:

- The vehicle is held in launch control for more than 5 seconds.
- The accelerator pedal is released.
- The park brake is applied.
- The steering wheel is turned.
- Engine or transmission temperature gets too high.

After successfully driving off with launch mode, the system will be deactivated as soon as accelerator pedal input is reduced. Launch control will not be available if there are any related fault codes stored in the engine management system or ESP.

Speed Control Systems

⚠ Warning: Only use ACC or variable speed limiter if road and traffic conditions are appropriate for maintaining a steady speed for a prolonged period. If you do not, the vehicle may cause an accident or collision resulting in death or serious injury.

⚠ Warning: Both ACC and the variable speed limiter are aids and cannot take into account road, weather or traffic conditions. The driver is always responsible for vehicle speed, braking, controlling the distance to any vehicle(s) in front and for staying in the correct lane.

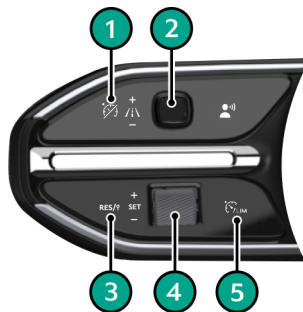
 Active Brake Assist and ACC are disabled when ESP is set to Off.

 Adaptive Cruise Control is not available when Terrain mode has been selected.

The speed control systems for the vehicle are made up of two main user selectable systems:

- **Variable Speed Limiter**
Used to set a manual speed limit for the driver.
- **Adaptive Cruise Control (ACC)**
Used to set the vehicle to a set speed which can adapt to the road conditions around it.

ACC and Variable Speed Limiter Controls



[1] CANCEL: Tap to cancel the set speed.

[2] ADJUST DISTANCE: Swipe to increase or decrease the set distance between the vehicle in front and your vehicle when ACC is active.

[3] RESUME: Tap to resume the set speed, or set the speed to the speed limit detected by the Traffic Sign Recognition system.

[4] SPEED SET DIAL: Use the roller dial to increase or decrease the set speed.

[5] ACC/LIM SELECT: Tap to switch between ACC  and variable speed limiter **LIM** functions.

Setting A Speed

Scroll the speed selector dial (4) up to increase speed, or down to decrease speed in 2 km/h (1 mph) increments. Pressing the switch in either direction will set a new vehicle speed in the cruise control or new vehicle speed limit.

Once a speed has been set, this will be shown above the vehicle's speed in the instrument cluster.

Resuming the Set Speed

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

Press  (3) to resume the set ACC speed or variable speed limit.

If the ACC is deactivated, or the brake pedal is pressed, ACC will disengage but the set speed memory will be kept. Press the speed selector switch again and the vehicle will return to the set speed.

Variable Speed Limiter

The variable speed limiter brakes automatically so that you do not exceed the set speed. This feature is an aid only and cannot take into account road, weather or traffic conditions. You are responsible for vehicle speed, as well as braking in good time and for staying in the lane.

 *The variable speed limiter operates up to 180 km/h (112 mph).*

Deactivation

 *Set speeds will also be cleared when the ignition is set to off.*

 *Variable speed limiter can also be overridden by applying full throttle.*

Press  to deactivate the variable speed limiter. Any set speed will also be cleared if ACC is selected.

ACC with Speed Limiter Adaption

Operation

 **Warning:** ACC may not always be able to differentiate vehicles when they become stationary from static obstacles. To help prevent collisions, ACC should be avoided in heavy traffic.

ACC can be used to maintain a selected vehicle speed without having to use the accelerator and maintains a set distance between your vehicle and the vehicle in front of you.

 ACC operates up to 180 km/h (112 mph).

The ACC system should not be used when:

- road and traffic conditions do not allow you to maintain a constant speed, such as 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.

Setting a Distance Between Vehicles in ACC

 **Warning:** ACC does not compensate traffic, road or weather conditions. The driver is responsible for vehicle speed and braking in emergency situations. Do not use ACC in conditions that do not permit a constant speed such as heavy traffic, winding roads or slippery roads due to weather conditions.

The ACC system will maintain a set distance from the vehicle in front. If the vehicle begins to brake, your vehicle will also slow down to match, and increase speed to match up to the speed set in the cruise control. The distance between the two vehicles can be set with the distance controls (2).

 The ACC system may not be able to detect narrow vehicles such as motorcycles or vehicles driving in a different lane. Detection of obstacles can also be affected by dirty or obscured sensors.

ACC Speed Auto-Resume

If your vehicle comes to a stop as a result of the vehicle in front of you stopping with ACC active, it can automatically resume speed if the vehicle in front drives off again within 3 seconds. If your vehicle is stationary for

more than 3 seconds, press  or the accelerator pedal to resume ACC.

ACC Speed Limit Adaption

 The speed limit adaption does not limit the speed of the vehicle, but adapts the set speed for the ACC to suit the speed limit of the road. The driver can always vary the speed of the vehicle with through the accelerator pedal.

 ACC speed limit adoption is only available when TSA is active.

ACC can adapt its set speed to match the speed limit of the road if one is detected by the Traffic Sign Assist system. This can be done manually or automatically when the vehicle is driven into an area with a change in speed limit.

• Manual Operation:

When the vehicle is driven into an area with a new speed limit, press  to set the cruise control to the new speed limit.

• Automatic Operation:

(Optional)

When the vehicle is driven into an area with a new speed limit, the vehicle will automatically adapt the speed limit for the road.

To set ACC to manual or automatic mode, (Refer to 'Adaptive Cruise Control', page 12.3).

Deactivation

 Set speeds will also be cleared when the ignition is set to off.

Press  to deactivate ACC.

ACC will automatically deactivate when:

- The brake pedal is pressed.
- The park brake is applied.
- Neutral, Park or Reverse gear positions are selected.
- The traction control system is activated.
- The variable speed limiter system is activated.
- A fault occurs in the ACC system. The system will not operate until the fault is cleared.
- ESP is set to Off.

Lane Assist Systems

Safety Warnings

 **Warning:** *The lane assist systems may not always be able to correctly detect lane markings and it is possible it may give incorrect warnings. These systems are an aid only and does not replace the need for driver awareness. It is the driver's responsibility to be aware of their surroundings. Always make sure that there is a suitable distance to the side of your vehicle for other road users and obstacles.*

 **Warning:** *The lane assist systems cannot allow for road, traffic and weather conditions. The driver is responsible for the vehicle speed, braking in good time and staying within their lane.*

 *Lane assist systems are only available at speeds between 60 km/h (37 mph) and 180 km/h (112 mph).*

The lane assist system uses the multi purpose camera to detect lane markings in front of the vehicle, and is split into systems that increase in level of assistance offered:

- Lane Departure Warning.
- Lane Keep Assist.

System Limitations

Lane Keep Assist may not function correctly in the below conditions:

- The area around the multi purpose camera is dirty, damaged or otherwise covered.
- There is a short distance to the vehicle in front.
- There are lots of lane markings that change quickly such as, merging or crossing lanes.
- The road is very narrow and winding.
- There are no lane markings or the markings are unclear in the lane, such as when the lane markings are worn away, a mix of old and new markings or many colour changes in road surface.
- Weather conditions such as snow, rain, fog or spray which can cause low visibility or hide road markings. This can also include reflective roads surfaces due to rain.
- Glare into the multi purpose camera from the sun or other road users' headlamps.

System Status

The status of the lane assist systems is shown at the bottom of the instrument cluster:

- **Grey:** System is active but no lane markings have been detected.
- **Full Green:** System is active and valid lane markings have been detected.
- **Green with Red Marker:** System is active and has detected the vehicle has crossed a lane marker. The line shown in red represents which lane has been crossed.
- **Amber:** System has a fault and is not available. Contact your Aston Martin Dealer.
- **White:** System has been manually deactivated.



Lane Departure Warning

 This warning can occur earlier, for example if you begin to approach the other lane marking when on a bend or are on wider lanes such as a motorway.



If one of the front wheels passes over a lane marking, Lane Departure Warning will first warn if you leave your lane with a vibration through the steering wheel and a warning on the instrument cluster. If you do not react to the warning, the vehicle will escalate to Lane Keep Assist to briefly steer the vehicle to pull it back into the correct lane.

Lane Keep Assist

 **Warning:** Lane Keep Assist cannot always cause the vehicle to move back into its lane. Acceleration, steering and brake input should always be completed by the driver.

 **Warning:** Lane Keep Assist does not allow for other road users and cannot detect traffic conditions. In some circumstances, the system may steer when not needed, such as driving over a solid lane marking or pulling out past an obstruction. Corrective steering in these circumstances can be interrupted by gently steering in the opposite direction. Always make sure that there is enough space for other traffic.

 Lane Keep Assist will only happen once for each time the vehicle leaves its initial lane. Additional corrective steering will not happen again until the vehicle has returned to its initial lane.

If the vehicle continues to pass over the lane markings, Lane Keep Assist will make the vehicle briefly steer to one side to help move the vehicle back to its initial lane. If this corrective steering happens, a warning icon will be shown in the instrument cluster. For the system to operate, lane markings must be on both sides of the vehicle.

Lane Keep Assist will not happen in the below conditions:

- There is clear and deliberate steering, braking or acceleration input.
- A turn indicator is switched on.
- The TPMS has detected a fault with a tyre.
- The traction control system is activated.
- The transmission is not in D (Drive).
- An obstruction has been detected in your lane.
- Corners are taken at high speeds or high rates of acceleration where sudden brake application could unbalance the vehicle.

To override Lane Keep Assist intervention:

- Activate the turn indicator.
- Apply the brakes.
- Accelerate.
- Gently steer in the opposite direction.

Hands Off Detection

System Status

A hands on detection system is to detect when the drivers hands are on the steering wheel.

The status of the hands off detection is shown at the bottom of the instrument cluster:

- **Green:** System is active and operating normally.
- **Grey with Red Hands:** System has detected that hands have been taken off the steering wheel. A warning message to keep hands on the steering wheel will be shown.
- **Grey:** System has been suppressed and is not active.
- **Amber:** System has a fault and is not available. Contact your Aston Martin Dealer.



System Deactivation

 *Lane Departure Warning and Lane Keep Assist are set to on by default with each ignition cycle.*

Lane Departure Warning

Lane Departure Warning can only be disabled in the vehicle settings menu (Refer to 'Lane Keep Assist', page 12.4).



 will be shown in the instrument cluster when both Lane Keep Assist and Lane Departure Warning have been deactivated.

Lane Keep Assist

 When Lane Keep Assist is disabled, this does not disable Lane Departure Warning.

To deactivate Lane Keep Assist, press and hold the  button (A).



To reactivate Lane Keep Assist, press  twice in quick succession.

Traffic Sign Assist

 Traffic Sign Assist is an aid only. Traffic Sign Assist may not always be able to correctly display road restrictions. It is the drivers responsibility to be aware of the traffic signs and restrictions for the road being driven on. Traffic signs always take precedent over the display from Traffic Sign Assist.

 The Traffic Sign Assist system works with the navigation system to determine the road speed limit.

The Traffic Sign Assist function shows maximum permitted speeds for the road in the instrument cluster. The system will also give indication of any overtaking restrictions and give a warning if the vehicle is driven down a one way street the wrong way. When you drive past a traffic sign that applies to the road you are on, this information will be updated in the instrument cluster.

The Traffic Sign Assist display will update without a visible traffic sign when you change roads such as joining another road that has a different speed limit. This will be accompanied by an audible beep and the speed will flash to show the change in road speed. If vehicle speed exceeds the stated speed for a road, an audible warning will be given.

If Traffic Sign Assist cannot determine a maximum permitted speed for the road, no speed limit is shown in the instrument cluster.

 If a traffic sign is passed that gives the end of a road restriction, such as a speed limit, this information is shown for five seconds. Applicable traffic regulation will continue to be shown in the instrument cluster.

Additional Restrictions

Traffic Sign Assist is capable of detecting traffic signs that have additional restrictions such as alternative speed limits in wet conditions.

Additional restrictions will only be displayed if there is a regulation that must be followed with the restriction, or Traffic Sign Assist is cannot correctly determine if the restriction is in effect.

Traffic Sign Settings

 Traffic Sign Assist is set to on by default with each ignition cycle.

For settings for Traffic Sign Assist (Refer to 'Traffic Sign Assist', page 12.3).

System Limitations

Traffic Sign Assist may not function correctly in the below conditions:

- The area around the multi purpose camera is dirty, damaged or otherwise covered.
- The traffic signs are hard to detect due to insufficient lighting or obscured by dirt, ice, snow etc.
- Weather conditions such as snow, rain, fog or spray which can cause low visibility or hide road signs.
- Glare into the multi purpose camera from the sun or other road users' headlamps.
- The traffic signs are unclear or obscured, such as signs on construction areas.
- The information in the navigation system is incorrect and requires an update.

Driver Attention Assist

 Warning: Driver Attention Assist is for aid only and does not replace the need for driver awareness. It is always the driver's responsibility to be aware of their surroundings and make sure to take a break if necessary.

Driver Attention Assist is a function to help the driver focus on extended road journeys. Driver Attention Assist regularly looks for signs of fatigue or lapses in concentration and will suggest to take a break.

If the system has detected an extended level of fatigue in the driver, a warning message will be given and the  symbol will be shown in the instrument cluster.

 If there is a fault with the Driver Attention Assist, a message will be given and  will be shown in the instrument cluster.

System Limitations

 Driver Attention Assist is always enabled when the vehicle is driven at speeds of 70 km/h (43 mph) or more.

There are certain scenarios where Driver Attention Assist may not operate or have a delay in providing notifications, such as:

- If the vehicle has been driven for less than 30 minutes.
- Poor road condition such as potholes or uneven road surfaces.
- Enthusiastic or sporty driving style such as high cornering speeds or sharp acceleration.
- Frequent lane changes and changes in speed.

Driver Attention Assist is reset when resuming a journey in the below conditions:

- The vehicle ignition is switched off.
- The driver's seat belt is unbuckled and the driver's door is opened.

Blind Spot Assist

⚠ Warning: Blind Spot Assist 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. Always make sure that there is a suitable distance to the side of your vehicle for other road users and obstacles.

⚠ Warning: The Blind Spot Assist system can not react to vehicles which approach and overtake you at a greatly different speed. In these situations, the Blind Spot Assist system cannot provide warning to drivers. Always pay attention to the road traffic around you.

Blind Spot Assist 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 BSA system uses two rear-facing radar units to monitor the area behind and next to your vehicle.

If a vehicle is detected at speeds above approximately 8 km/h (5 mph) and enters the monitoring range directly next to your vehicle,  will illuminate amber in the exterior mirror. If a vehicle is detected close to your vehicle in the lateral monitoring range and you switch on the turn signal indicator in that direction  will flash in the outside mirror. If you overtake a vehicle quickly, no warning is given.

Operation Conditions

For the Blind Spot Assist system to operate the below conditions must be met:

- The vehicle must be moving at more than 12 km/h (8 mph).
- Vehicles in the blind spot area must be travelling at speeds of:
 - more than 8 km/h (5 mph).
 - between 5 km/h (3 mph) slower and 54 km/h (34 mph) faster than your vehicle.
- The minimum width for a vehicle to be detected is 0.7 m wide (a motorcycle for example).

 *If the BSA system detects a vehicle that is approaching fast enough to be in the blind spot, it will include this in its detection range.*

System Limitations

The BSA system can be limited in its operation in the below situations:

- The sensors are dirty or obstructed such as snow or mud on the bumpers.
- Poor visibility weather conditions (snow, heavy rain etc).
- Warnings may be incorrectly displayed near to crash barriers or long solid barriers.
- Warnings can be interrupted when driving alongside long vehicles such as vehicles with long trailers.

System Activation

The BSA system can be activated or deactivated in the infotainment system/vehicle settings (Refer to 'Blind Spot Assist', page 12.3).

Blind Spot Warnings

Stage One Warning

When the BSA system detects a vehicle in the driver's blind spot area:

-  will be shown in the corner of the door mirror
- A grey warning will be shown in the instrument cluster (changes for direction of lane change).



Stage Two Warning

The BSA system 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.

-  will flash in the door mirror.
- A red warning will show in the instrument cluster (changes for direction of lane change).



Door Exit Warning

 *Door Exit Warning is available when the vehicle is stationary. The feature operates up to 3 minutes after the engine is switched off.*

The Door Exit Warning function is a subfunction of the BSA system and detects if a vehicle or bicycle is passing that may come into contact with the door when it is opened.

When the vehicle is parked, the BSA radars will check for any approaching vehicles. If there is a risk of collision, then

 will be illuminated in the door mirror. In addition, an audible warning will be heard as the door is opened.

Fault Conditions

In the unlikely event of a fault in the BSA system, a warning message will also show in the instrument cluster. Contact your Aston Martin Dealer.

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



button (A) to cycle between:

- GT (Default setting)
- Sport
- Sport+



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



ADS modes is set to a default setting with each drive mode but can be adjusted by the user once the drive mode is set (Refer to 'Drive Modes', page 5.10)

ADS Modes

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.

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. To do so could result in an accident or collision resulting in death or serious injury.



Warning: Greater care may be necessary after a long drive over salted or gritted roads or if driving in heavy rain, through water or a vehicle wash. Brake action may be delayed and increased braking pressure may be required.



Warning: Aston Martin recommend that the brake fluid is replaced before and after the vehicle is used for high performance driving such as a track day. Failure to do so may result in greatly reduced brake performance. Contact your Aston Martin Dealer.

⚠ Caution: *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. Contact your Aston Martin Dealer.*

 *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, the engine will restrict available torque. Normal functionality will return when the throttle pedal is pressed without the brake pedal or the brake pedal is released.

Carbon Ceramic Brakes

(Optional)

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

Carbon ceramic brake systems combine low weight with high performance, offering:

- Reduced unsprung weight (mass of components not supported by the suspension) to improve vehicle handling.
- Improved rate of wear characteristics.
- Improved braking performance.

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

Brake Warnings

⚠ Warning: *If 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  comes on while driving, the brake system has a fault and braking performance may be affected.

If the brake warning symbol  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 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  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 Program (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 ,  and  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 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 tyre 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.

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

The driver should always take road conditions into account. A slippery road surface always requires more braking distance for a given speed, even with ABS. 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.

Automatic Emergency Braking (AEB)

⚠ Warning: AEB is an aid only and does not replace the need for driver awareness. It is the driver's responsibility to be aware of their surroundings. Always make sure that there is a suitable braking distance for your vehicle.

 AEB is disabled when ESP is set to Track or Off

 AEB is disabled when the driver's seatbelt is unfastened.

AEB is used to reduce the risk of an accidental collision with a pedestrian, cyclists or another vehicle. This is

achieved by showing the  symbol in the instrument cluster and audible warnings when a collision risk is detected. If the driver does not react to the risk of a collision, the system can also automatically apply the brakes.

AEB warnings and braking intervention will continue as long as the risk of collision is present. The system can be overridden by pressing the accelerator pedal or by turning the steering wheel.

⚠ Warning: If the driver does not react, and the vehicle is required to apply the brakes, this will happen for a maximum of 1.8 seconds. The purpose of the system is to gain the driver's attention to control the vehicle, and reduce the risk of rear impact from vehicles behind.

 AEB is set to on for each ignition cycle at the previously set sensitivity level.

 AEB settings can only be adjusted when the vehicle is not moving.

The sensitivity of warnings for AEB can be adjusted in the infotainment between *Early* and *Late* warnings or set to off (Refer to 'Automatic Emergency Braking', page 12.3).

If AEB is set to off,  will be shown in the instrument cluster.

System Limitations

AEB may not function correctly in the below conditions:

- The area around the multi purpose camera is dirty, damaged or otherwise covered.
- Glare into the multi purpose camera from the sun or other road users' headlamps.
- A pedestrian's outline is concealed, or the system cannot determine a pedestrians outline due the background.
- The vehicle in front is either too narrow, such as a motorbike or the vehicle in front is offset and not following the same driving line.
- Vehicles rapidly moving into radar range or complex traffic.
- There is lots of background radar reflection such as a multi-storey car parks.
- The background environment changes frequently or rapidly.
- The driver is clearly engaged in the driving task by having a high activity on the accelerator pedal or steering wheel.

In addition, the braking performance of AEB is strictly related to vehicle conditions (such as worn tyres, and brake pads), road conditions (such as wet or other road surfaces with low grip) and weather conditions (such as snow and heavy rain).

Fault Conditions

In the unlikely event that there is a fault that prevents safe operation of AEB, the system will be automatically deactivated, and a warning message will be shown in the instrument cluster along with the  symbol. If the fault persists, contact 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 300 km (200 miles)¹ after new brake pads are installed. For further information contact your Aston Martin Dealer.

Park Brake

 **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.

 **Caution:** 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 park brake operates on the rear wheels of the vehicle.

 The park brake is automatically applied when P (Park) is selected.

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

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.

 *The engine must be started, the driver's side door must be closed and the driver's seat belt must be buckled for Drive Away Release to operate.*

With the park brake applied, select D (Drive) or R (Reverse) and press the throttle pedal. The park brake will release as the vehicle moves forwards or backwards, and

the  symbol will go off to show the park brake has been released.

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.

Manual Park Brake Application

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



Manual Park Brake Release

 *The ignition control must be on to release the park brake.*

First apply pressure to the foot brake then pull on the park brake switch and release. The  symbol will go off to show the park brake has been released.

Emergency Operation

 **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, push and hold the park brake switch to reduce speed. The  symbol will come on, a warning sound will be heard and a warning message will be shown in the instrument cluster.

Release the switch to cancel the park brake application. The park brake will only apply as normal once the vehicle has stopped movement.

Cold Weather Operation

At low temperatures such as below 0°C (32°F) moisture within the brake pads may freeze and cause the brake pads to bind to the brake discs when the park brake is applied. Additional torque may need to be applied when the vehicle is first used after extended periods of being parked, and there may be a noise as the brake pads become free. Once released, the brakes will operate as normal.

If the vehicle is parked in wet and cold conditions for an extended period of time, the vehicle should be parked on a stable, flat surface where possible. If it is safe to do so, the park brake should be manually released.

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, a warning message will be shown in the instrument cluster. Contact your nearest Aston Martin Dealer.

Electronic Stability Program (ESP)

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

⚠ Warning: *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 tyres are at the limits of their grip capabilities. This is done by control of engine torque and application of the brakes at individual wheels.

⚠ Caution: *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.*

⚠ Caution: *ESP may not operate correctly when using tyre chains.*

⚠ Caution: *Use tyres of the same manufacturer, brand, type, tread pattern and correct size specified in this handbook (Refer to 'Wheels and Tyres', page 13.16) for this vehicle on all four road wheels. Do not mix new and worn tyres on the same axle.*

ESP Modes

ESP has four modes of operation:

Wet

Wet mode delivers the highest level of stability and traction control on low friction road surfaces experienced in wet driving conditions as well as snow and icy conditions. This mode is calibrated to provide predictable torque control and avoid harsh brake interventions to

maximise stability.  will flash in the instrument cluster when in operation.

ESP On

ESP On is the default setting each time the engine is

started.  will flash in the instrument cluster when in operation. Engine torque and application of the brakes at individual wheels will be controlled by ESP to aid stability.

ESP On is suitable for most driving conditions, however for increased stability in difficult conditions, Wet mode is recommended.

ESP Track

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

Track mode raises the thresholds at which the ESP operates and allows greater wheel slip from traction control and reduced yaw stabilisation. When *ESP Track* is selected,  and **ESP TRACK** will be shown in the instrument cluster.

ESP Off

In ESP off, traction control is set to be user adjustable.

 will show in the instrument cluster along with the set level of slip from traction control .

For more information, (Refer to 'Traction Control', page 5.42).

To Change ESP Mode

To change the ESP modes the engine ignition must be on.

Press and hold  (A) to change from *ESP On* to *ESP Track*.

Continue to hold the switch to change to *ESP OFF*.

Press  with *ESP Track* or *ESP Off* to set back to *ESP On*.



 If drive mode is set to *Wet*, ESP mode will automatically change to *Wet*.

Traction Control

Traction control 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, traction control will:

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

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

If traction control operates when driving on extended icy or slippery surfaces, reduce engine power as necessary until  goes off.

Adjustable Traction Control

When ESP is set to Off, traction control set to be user adjustable. Use the drive mode select dial to adjust the level of slip allowed by the traction control between 1 (least slip) to 9 (traction control off).



The set level will be shown and a set level reminder notification  will be given in bottom of the instrument cluster.

Engine torque reductions are used to maintain a controlled slip condition. When TC is set to level 1, engine torque reduction will be at its strongest to keep the slip level low. The level of engine torque reductions decrease as the TC level increases up to level 9, where TC Off is displayed and there are no engine torque reductions.

Anti-lock Braking System (ABS)

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

When ESP is set to On or Wet, 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).

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. Braking performance is given greater priority over stability.

The ABS will adapt when the tyres are at a higher working temperature, such as when the vehicle is driven on a track.

Electronic Differential (E-Diff)

This vehicle features an Electronic Rear Differential (E-Diff), which works with the ESP system to adjust and control how the engine's power is delivered to the rear wheels. ESP controls how the rear differential lock operates, using sensors around the vehicle to detect how the car is behaving. The system is then calibrated for how it should react in relation to the vehicle movement and is able to adjust for driver inputs. At any given road speed it can detect very subtle changes in dynamic behaviour which may indicate understeer or oversteer. The system can then increase or decrease locking torque across the rear axle to maximise performance whilst keeping the vehicle stable and under control.

Tyre Pressure Monitoring System (TPMS)

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

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

A Tyre Pressure Monitoring System (TPMS) is installed as a safety feature. This system will display the tyre pressures for each tyre and provide warnings if pressure is below a specified pressure for each tyre.

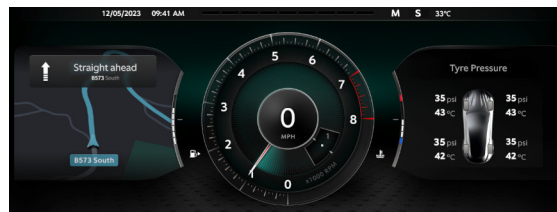
Each tyre should be checked at least once every two weeks when cold, and inflated to the pressure recommended by the vehicle manufacturer or on the tyre pressure label. If your vehicle has tyres of a different size than the size indicated on the tyre pressure label, you should determine the proper tyre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

Tyre Pressure Display

The TPMS display can be shown in the instrument cluster display in the **Vehicle** menu. The screen itself shows the pressure in each tyre as well as a temperature display. If a tyre is below the minimum pressure this will be shown in

red as well as the  symbol being illuminated at the bottom of the screen.

 Tyre pressures will be displayed after the vehicle has been driven for a few minutes.



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

 The tyre 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 tyre 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 tyre pressure values as reference values.

To reset the TPMS tyre pressure values, press and hold the **OK** button on the steering wheel. Press **OK** to confirm the new pressures.

TPMS Malfunction Warning

If the TPMS malfunctions due to a system failure or tyre transmitter fault,  will **flash for approximately one minute and then remain lit**.

 A malfunction of the tyre 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.

A TPMS malfunction can be caused by:

- A defective TPMS sensor.
- Wheels and tyres installed that do not have TPMS sensors.
- Unapproved item interfering with the TPMS.
- TPMS system or software fault.

If the system shows there is a TPMS fault, continue at a reduced speed of 48 km/h (30 mph) maximum. Contact your Aston Martin Dealer.

Stop/Start

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

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 transmission is in either D (Drive) or N (Neutral).
- The vehicle battery condition is suitable.
- The bonnet is closed.
- The driver's door is closed.
- The driver's seatbelt is fastened.
- The engine is at operating temperature.
- 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 when the engine attempts a stop/start event, the  symbol will be shown. When a stop/start event has switched the engine off,  will be shown.

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.
- If  has been pressed on the centre stack.
- R (Reverse) is selected.
- *Sport* or *Sport+* is selected for drive mode.
- The driver's seatbelt is unfastened.
- The driver's door is opened.
- The vehicle begins to roll.
- The vehicle interior has dropped below or increased above 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.

Deactivation

 *Stop/Start is set to on by default with each ignition cycle.*

 *Stop/Start is only available when drive mode is set to GT.*



To deactivate stop/start, press the  button (A) on the lower console.

Gasoline Particulate Filter (GPF)

The GPF system is used to reduce particulate emissions from the exhaust system. Particulates are stored in the exhaust system, and are burned off as the filter is filled in an event called regeneration, which happens automatically as the vehicle is driven. If the vehicle is only driven on short journeys or in cold environments where more particulates are generated during cold starts, a warning may be shown in the instrument cluster.

Stage 1 Warning



 *Regeneration should be completed in GT mode and without cruise control active.*

When the stage 1 warning is shown, the vehicle should be driven on a motorway or similar road where a constant and steady speed can be held for several minutes. As the vehicle is driven, the engine calibration is altered to increase the temperature in the exhaust and the filter element until it is high enough to burn the soot. After several minutes of driving, the throttle pedal should be released for a few seconds at a time (or when leaving a motorway junction). This will then enable the soot to be burned from the exhaust system. Repeat this procedure until the warning symbol is no longer shown in the instrument cluster.

If, after a period of driving and doing the above instructions, the warning lamp is still shown, contact your Aston Martin Dealer.

Stage 2 Warning

If the stage 2 warning is shown, there is a fault with the GPF system that means the vehicle cannot perform a regeneration. This can be a fault with the GPF electrical or pressure systems, or the filter itself, or that the accumulated particulate mass is too high, and cannot be safely burned. If this warning symbol is shown, contact your Aston Martin Dealer as soon as possible.

Park Assist Systems

⚠ 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

⚠ Caution: *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 aware of your surroundings when using the park assist systems.*

⚠ Caution: *Do not clean the sensors with abrasive or sharp objects. This can damage the sensors.*

 *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 give a series of warning tones if objects are detected within range of the vehicle.

Activation

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

Gear Selected	Sensors Activated
(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 (18 km/h). The system is reactivated automatically when the vehicle speed is lower.

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

Operation

⚠ Caution: *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. Take extra care in these circumstances.*

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 0.3 m (1 ft) from the front or 1 m (3.3 ft) from the rear of the vehicle.

 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.

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.



360° Camera System

⚠ Caution: *The camera system can show a distorted, delayed 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.*

⚠ Caution: *Objects that are not at ground level can appear further away than they are. Care should be taken 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 on the lower console. 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 the vehicle speed exceeds 16 km/h (10 mph). At higher speeds the camera display will still be selected, but no image will be shown.*

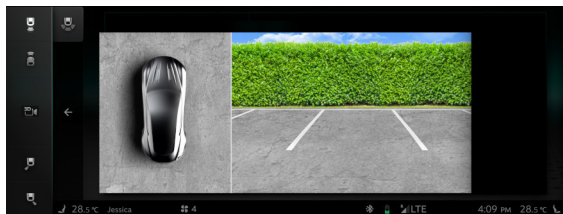
The system will display images again when the vehicle speed drops below 11 km/h (7 mph).

 *The ignition must be on for the cameras to operate.*

Activation by Reverse

The rear view can be set to activate automatically when reverse is selected (Refer to 'Parking', page 12.5).

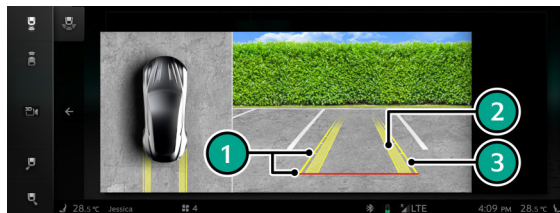
View Selection



Select a view from view selection bar. The split-screen views that can be shown are:

- Rear view (select from narrow and wide view).
- Front view (select from narrow and wide view).
- 3D view.
- Left corner 3D view.
- Right corner 3D view.

Park Distance Control with Top View (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
 - **Red Line:** 0.35 m (1.1 ft) behind the vehicle.
 - **Yellow Markers:** 1 m (3.3 ft) behind the vehicle and the 0.5 m (1.6 ft) intervals.
2. Projected tyre path.
3. Maximum vehicle width guideline (includes door mirrors).

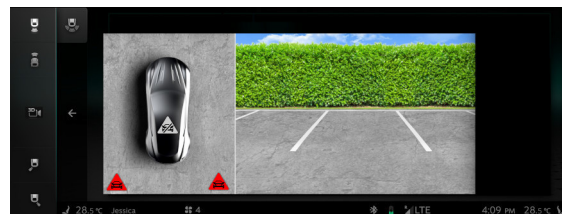
Rear Cross Traffic Assist

⚠ Warning: Rear Cross Traffic Assist is an aid only. The system cannot detect pedestrians walking behind the vehicle. It always is the driver's responsibility to be aware of their surroundings when parking or reversing.

The Rear Cross Traffic Assist (RCTA) uses the blind spot assist radar modules to alert the driver when a moving vehicle or bicycle approaches behind your vehicle¹.

When reverse gear is selected the RCTA system searches for moving objects behind the vehicle. If an object or vehicle is detected, an audible warning is given and  will be shown on the infotainment screen in the direction of the detected vehicle.

 In the unlikely event of a fault in the RCTA system, the symbol  will be shown. Contact your Aston Martin Dealer.



If the driver does not intervene and there is still the risk of a collision, then the vehicle will automatically apply the brakes.

RCTA can be set to on or off in the vehicle setting menu (Refer to 'Rear Cross Traffic Assist', page 12.4).

¹ RCTA only operates for moving vehicles between speeds of 8km/h (5 mph) and 60 km/h (38 mph). Static obstructions will not be detected but will activate the parking sensors instead.

Emergency Call System

ECall SOS

The eCall system provides the user with an emergency call system. The system uses the GPS satellite network to provide an accurate location for emergency services to find the site of an accident.

In both automatic and manual activation, when a call is connecting the red status LED in the **sos** button will flash.

Once a voice connection is established the **sos** button will also illuminate.

Manual Operation

The system can also be activated manually by pressing and holding the **sos** button (A) for more than 2 seconds. This can be used in the event of an accident that was not severe enough to deploy airbags, but still requires assistance from the emergency services. The system can also be used if you witness and want to report a severe accident but are not actually involved in the incident.



 Once a call has started, only the operator can end the call.

 An emergency call should only be made if you or others are in need of rescue. Do not make an emergency call in the event of a breakdown or a similar non-emergency situation.

Automatic Operation

The eCall system is directly connected to the Occupant Restraint Control (ORC) system. If the ORC system detects a crash scenario and deploys the airbags, the eCall system will be operated automatically.

When this happens:

- A 2-way voice call is automatically opened with an eCall operator.
- An automated text message is sent to the Operating Centre to advise that an accident has occurred and will provide information such as location.

 *In the event that the eCall operator attempts to contact you and there is no answer, such as if the vehicle occupants are unconscious, the emergency services will be automatically dispatched to your location.*

Malfunction Warning

In the unlikely event of a fault with the eCall system, the red status LED will stay as constantly red. If the LED is constantly red when the system is not in use, contact your Aston Martin Dealer for assistance.

If neither the red status LED or  is illuminated during normal operation, the eCall service is not available.

Breakdown Call

The Breakdown Call system provides the user with a means to contact a breakdown operations centre in the event of a vehicle breakdown or a minor accident. The system uses the GPS satellite network to provide an accurate location for recovery services to find your vehicle.

In Vehicle Operation

The system can be activated manually inside the vehicle by pressing and holding the  button (B). The vehicle will then begin a call to the operations centre.



To end the call, press the  on screen.

Aston Martin App Operation

A request for a callback from a breakdown operations centre can also be initiated from the Aston Martin App. This should be used when staying in the vehicle is not safe (for example, waiting behind a crash barrier on a busy road).

When a callback is requested through the App, a phone number must be entered for the operations centre to contact. There will then be a period of up to 2 hours during which you will receive a call from the breakdown operations centre.

Data Transmission

Your vehicle will transmit certain vehicle data to help with arranging assistance and recovery. This can include vehicle position and direction, vehicle model and engine fuel type.

Certain vehicle diagnostic data can also be sent such as fuel, coolant and oil levels.



Climate Control

Climate Controls.....	6.2
Defrost and Demist	6.6
Climate Control Operating Tips.....	6.7

Climate Controls

Centre Stack Climate Controls



[1] DEMIST:

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

[2] 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.



[3] AUTO:

Press for automatic climate control (Refer to 'Automatic Climate Control', page 6.5).



[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 position¹.

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.

¹ If windows were open before selecting re-circulated air

[6] SYNC:

Press to synchronise the left and right climate zones.

[7] TEMPERATURE:

Use to increase or decrease the temperature. Press the roller switch to open the temperature menu.

[8] FAN SPEED:

Use to increase or decrease the fan speed. Press and hold to set the fans to off.

[9] 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. The LEDs show which heating level is set, where the higher the number of LEDs illuminated, the greater the heating level.

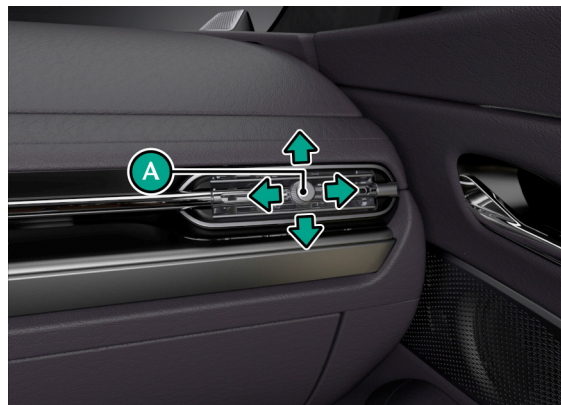
- **Seat Cooling** (optional):



Press to cycle the seat cooling level. The LEDs show which cooling level is set, where the higher the number of LEDs illuminated, the greater the cooling level.

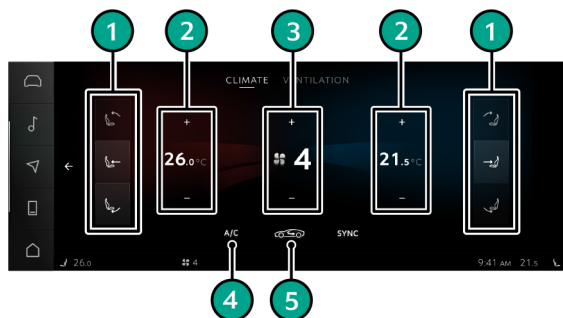
Vent Adjustment

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.



Infotainment Climate Controls

Climate



[1] AIR DISTRIBUTION:

Swipe through the air distribution list and tap to select an airflow direction.

[2] TEMPERATURE:

Tap the + and - buttons to adjust the temperature.

[3] FAN SPEED:

Tap the + and - buttons to adjust the speed.

[4] A/C:

Tap to set the air conditioning to 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. Tap to set the air supply to re-circulated or outside air.

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.

Ventilation

Select one of three ventilation modes:

- **Diffuse**
Low level of airflow at a warmer temperature setting.
- **Medium**
Standard airflow with medium temperature.
- **Focus**
High level of airflow at a cooler temperature setting.

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.
- Press .
- The LED indicator lamp will switch on.

 *Press and hold the temperature roller switches 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 reached 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 an increased cooling effect, press  to use re-circulated air.

Defrost and Demist

 **Caution: To defrost or demist the windscreen on vehicle start up in extreme cold weather conditions, operate the engine at 1500 rpm. Always make sure that the transmission is in P (park) and the park brake is applied.**

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

 *The automatic defrost setting times out after 6 minutes.*

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.
- Set the climate system to off when in a car wash or if the vehicle is being pressure washed.
- Air conditioning may not function when the outside temperature approaches -6°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 bonnet and the air inlet below the windscreen 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.



Phone System

Bluetooth Device Management	7.2
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Phone Settings.....	7.7
Wireless Phone Charger.....	7.8

Bluetooth Device Management

Bluetooth®¹ 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.

Pairing a Device

 *Bluetooth® must be activate on both the vehicle and the mobile device to be used. To check the Bluetooth® system is active on the vehicle (Refer to 'System Settings', page 12.6).*

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

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

To add a new device, tap . The vehicle will automatically search for available devices to connect to. Available devices will be shown as a list with the option to connect to individual devices. The *Device Manager* button will also be available to manage individual devices. If no devices are available, a message will be shown to check that Bluetooth is active on both the vehicle and the mobile device.

To connect a device, select it from the list and tap connect. If the device has previously been paired, this will now connect. If the device is a new device, a passcode will be shown on the infotainment screen and the device. Confirm from the device to pair with the infotainment system.

¹ The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks by Aston Martin is under license. Other trademarks and trade names are those of their respective owners.

Selecting a Device Function

Once a mobile device is paired, it can be set as an audio device, phone connection, or for smart phone connections. If a device is set as a phone connection, the infotainment system will request access to call history, contact list and messages.

One device can be set to function both as a telephone device and an audio device, or separate devices can be used for each function.

When more than one device has been paired, you can choose which device to use for a primary and secondary phone connection. To choose a device, scroll through the list and select the device to be used and select the function you wish to activate on the device.

 *Only one device can be used in each connection at any one time. The active device function will be highlighted in blue on each device.*

 *You cannot change the active device during a call.*

Bluetooth Status

The status bar will be shown for each connected device that is audio and phone enabled.

- If the Bluetooth symbol is grey , this shows that a Bluetooth device is out of Bluetooth range.
- If the Bluetooth symbol is white  a Bluetooth device is selected.
 - Tap  to enable or disable the device to be used for phone functions.
 - Tap  to enable or disable the device to be used for media functions.

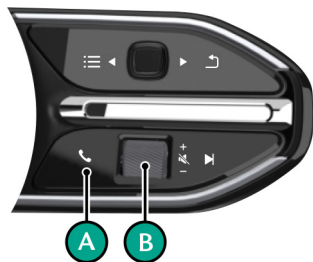
To Delete a Device

To delete a device, select a device from the device list that is not actively connected and press . A message will show to confirm the device has been removed.

 *It is recommended that the vehicle connection is also removed from the Bluetooth® connected devices on your mobile device.*

Calls

Call Controls



Select a Contact to Call

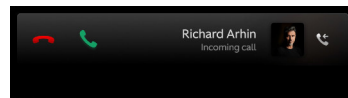
A contact number can be selected by:

- Choose a contact from the **Recent**, **Favourites** or **Contacts** lists.
- Enter a number with .
- Search for a contact with the  function with the on-screen keyboard¹.

Select on a contact and tap  or press the call button (A) on the steering wheel.

Incoming Calls

Whenever a call is received, a pop-up window will be shown with the callers name.



To Answer a Call

Press  (A) on the steering wheel, or tap .

Mute Function

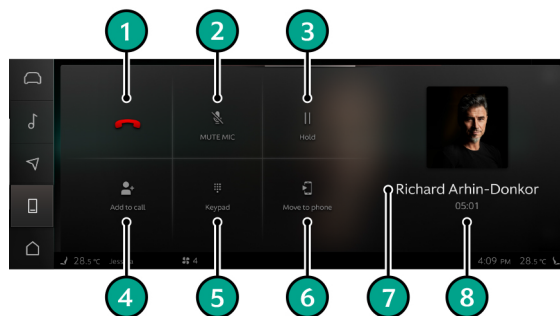
To mute an incoming call, press the scroll wheel .

To Reject a Call

To reject the incoming call tap  or press and hold  on the steering wheel.

¹. Only available when the vehicle is stationary.

Active Call



During a call you will be shown the below options:

[1] End Call: Tap to end the call.

[2] Mute Mic: Select to turn the microphone to on or off.

[3] Hold: Tap to put the caller on hold or tap again to take off hold.

[4] Add to Call: Tap to add a second call.

[5] Keypad: Opens a keypad menu to use with automated telephone menus.

[6] Move to: Select to divert the active call to the mobile device instead of the vehicle telephone system.

[7] Contact Name: Shows the name of the contact in the call.

[8] Call Duration: Shows how long the call has been connected for.

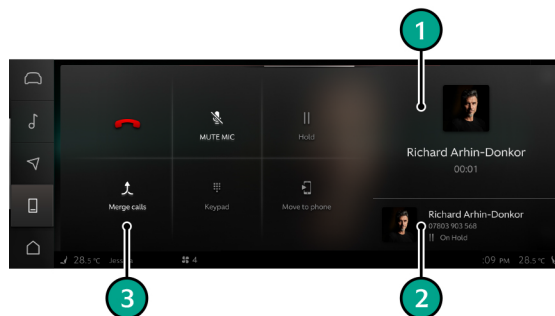
Multiple Calls

Second Incoming Call

If there is an incoming call during an active call:

- If the incoming call is answered, the original call will be put on hold.
- If the incoming call is rejected, the original call will be continued."

Two Active Calls



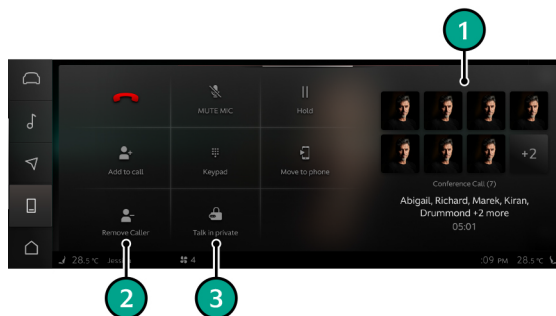
If there are multiple calls active, both will be shown on the right side of the call screen. The top call (1) is the active and the bottom call (2) will be held. To switch which call is active, tap the contact name. Selecting a new active call will put the other call on hold.

To combine the two calls to create a conference call, tap the Merge Calls button (3).

 *The held call can be activated automatically when the active call is ended, depending on network supplier or mobile phone.*

Phone Settings

Conference Calls



The number of participants (1) is shown on the right side of the call screen.

To manually remove a caller from the call, tap Remove Caller (2), and select a contact.

To talk in private to a participant, tap Talk in Private (3) and select a contact. The display will then show the conference call and the private call as two active calls.

Some features may not be supported by all phones or their operating systems.

- **Incoming Ring Tone Volume:**
Adjust the volume for the incoming call ring tone.
- **Default In-Call Volume:**
Adjust the volume for voices in the call.
- **Mute Audible Alerts During Calls:**
Prevents audible instructions and warnings from systems such as navigation whilst a call is active.
- **Contacts list:**
Set the display format of contact names as First Name, Last Name or Last name, First name.

Wireless Phone Charger

⚠ Caution: Do not place keys or other metal objections onto the charge pad. Metallic components can interfere with the wireless charge pad.

⚠ Caution: Do not place items that may be affected by electromagnetic waves, such as credit cards and parking passes on the wireless charge pad. These type of items may become damaged and not work correctly.

A wireless charger pad is available below the centre console to charge compliant mobile devices whenever the infotainment screen is on.



Place the mobile device in the centre of the charger pad with the display facing upwards.

If the mobile device was already charging through a USB cable, the wireless pad will take over charging but will not interrupt the data connection.

Connected Car

Connected Car Set Up	8.2
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Vehicle Services Functions	8.7

Connected Car Set Up

Aston Martin App

The Aston Martin App lets users interact with their vehicle from the palm of their hand and perform a variety of functions such as:

- Remote check for your Aston Martin, such as fuel levels, windows, doors, fluid levels and more.
- Clear notifications and vehicle health alerts, so you always know what's happening with your vehicle.
- Constant reassurance. Know that your vehicle is secure with Aston Martin's last known location.
- Activate indicators and horn remotely, so you can always find where your vehicle is parked.
- Safety first. Limit power, torque, and performance settings when needed.
- Always-on protection. Get notified if your vehicle or battery is being tampered with.

 *The continued use of GPS or having GPS running in the background can dramatically decrease the battery life of your mobile phone.*

 *As part of continuous improvement, further functionality and usability options will be introduced.*

Aston Martin ID

When you purchase your vehicle, you will be invited to create an Aston Martin ID. This will grant access to the full suite of connected features, and allow Customers to set up various personalisation features.

When you have your Aston Martin ID, you will be able to remotely communicate, control and send data to your vehicle.

 *If you do not have an Aston Martin ID, please contact your Aston Martin Dealer.*

App Download

Get the Aston Martin App on IOS. Download from the App Store¹



Get the Aston Martin App for AndroidTM₂. Download on Google Play.



¹. App Store is a trademark of Apple Inc., registered in the U.S. and other countries and regions.

². Android is a trademark of Google LLC.

Feature Availability

 Feature availability is correct at time of print but may be subject to change.

	Austria	Belgium	Denmark	France	Germany	Great Britain	Hungary	Italy	Latvia	Lithuania	Luxembourg	Monaco	Netherlands	Norway	Poland	Portugal	Russia	South Africa	Spain	Sweden	Switzerland	Ukraine
Advantage																						
Stolen Vehicle Tracker	O	O	O	O	O	O	O	O	-	-	O	-	O	O	O	O	-	-	O	-	O	-
Convenience																						
Real time Traffic	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Online POI	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
OTA Map Updates	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Theft Alert	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Vehicle Management																						
Locate	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Identify	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Protect	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Vehicle Status	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Vehicle Services																						
E-Call	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	-	S	S	S	-
B-Call	S	S	S	S	S	S	S	S	-	-	S	-	S	S	S	S	-	-	S	-	S	-
Privacy Mode	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
OTA Updates	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S

S = Standard, O = Optional, - = Not available

Convenience Features

Theft Alert

 *Theft Alert is not a replacement for a stolen vehicle tracking system and is managed through a support call centre.*

In the unlikely event of vehicle theft, attempted break in or suspected tampering, the Theft Alert function will notify the vehicle owner or assigned app user that the alarm has been activated.

If the alarm system is activated whilst the vehicle is locked and the alarm is armed, a notification alert will be issued in the app. If configured, this notification can also appear in your personal mobile device's notifications as well.

The location or lock status feature status will be available in the app menus, but is only a notification function if the vehicle alarm is triggered.

If the optional stolen vehicle tracker is installed, the Customer Support centre may contact you to inform you that there has been an activation of theft alert. They will not however activate the vehicle tracker service until the vehicle is reported stolen.

Remote Lock/Unlock

Your vehicle is able to show the status of the doors and windows and remotely lock or unlock from the app. For security of an unattended vehicle, the activation of the remote lock or unlock will not initiate a flash of the direction indicators as in a normal lock or unlock action.

In addition, if any doors or windows remain open 10 minutes after the ignition is switched off, a warning is displayed in the app to remind the owner of the vehicle status.

Vehicle Management Features

Locate

 *Locate functions rely on GPS information and so accuracy may be affected if your vehicle is parked underground, parking structures or dense urban environments. In such situations, only the last known GPS position may be given.*

The Locate function is used to help find your vehicle when left in areas such as particularly large car parks or parking in an unfamiliar area. Tap Locate in the Aston Martin mobile app to be shown the last location of your vehicle, and if necessary guided to your vehicle.

Identify

The Identify function is used to help in crowded and dark places by flashing the indicators and a short sounding of the horn to provide a visual and audible alert as to your vehicle's location.

Protect

The Protect function activates safe limits to certain systems of your vehicle, to give peace of mind should you wish to allow other drivers who are unfamiliar with your vehicle to use it within safe limits.

Once activated, the below features are limited:

- Vehicle speed will be limited to 140 km/h (87 mph).
- ESP will be set to wet mode to give safe acceleration and stability intervention.
- Launch control is disabled.
- Drive mode selection is disabled.
- Manual gear selection will be disabled.
- Buttons to change drive mode and ESP are disabled.
- Engine power and torque will be limited.
- Telemetry functions in the infotainment will be disabled.
- All safety systems will be set to on as default.¹

¹. Driver will still be able to set Lane Keep Assist to off.

Activation

Protect can only be activated by the Primary app user and for security purposes cannot be delegated to other app users.

For safety, Protect can only be activated when the vehicle is stationary. If Protect is selected whilst the vehicle is moving, a notification is given in the app and Protect will be activated next time the vehicle is stationary.

Once active, switching the ignition, or activating privacy mode will not cancel Protect and will remain active until disabled by the Primary app user.

In-Vehicle Notification

A notification is given in the vehicle infotainment to alert the driver that the vehicle has Protect active. If the driver tries to change any of the limited parameters a pop up will be shown to explain that the feature is limited during Protect.

Vehicle Status

The Vehicle Status function provides real time statuses for various systems on your vehicle. This enables you to view vehicle health at any given time or be alerted to any matters that might require attention before the vehicle is driven.

Remote Vehicle Status

Within the app, you will be able to see the last status of the following systems:

- Live status
 - Doors open or closed
 - Windows open or closed
 - Convertible roof open or closed
 - Parking lamps on or off
- Live status and at last ignition off
 - Vehicle fluid levels (fuel, screen wash, engine oil)
 - Latest mileage
 - Range at current fuel level
 - Tyre pressures
 - Next service due date

Remote Status Alerts

To help prevent certain undesirable scenarios Remote Status Alerts are able to alert when action might need to be taken. For example, if a window has been left open, or a service due date is imminent.

10 minutes after each ignition off cycle, the vehicle will complete a vehicle status as above¹. If any item needs to be addressed a notification will be sent to the app.

Trip Data

Vehicle trip data can be remotely viewed in the app.

The trip data available within the app for each journey is:

- Travel time
- Travelled distance
- Average speed
- Average consumption

The system is able to store a list of the last 30 trips made as well as providing map views of the journeys.

Privacy

Trip Data is always active to provide historical information. This information is open to any Aston Martin app user that is connected to a given vehicle. However, if Privacy mode has been activated, the data for any journeys undertaken is not tracked or recorded and cannot be displayed in the list of latest journeys taken.

Vehicle Services Functions

Privacy mode

To promote privacy, a user must opt into the connected system before being able to access any connected car functions. Once opted in, a user will be guided through how their data is protected within our system. Industry standard cyber security protection is used on the Aston Martin cloud servers, as well as encryption of data sent between your vehicle and app.

Within the app, a user can choose to temporarily sever connection to the connected ecosystem. Privacy mode is activated through the infotainment system (Refer to 'System Settings', page 12.6).

Once disconnected, no data will be sent or received from the vehicle which can include:

- Online navigation support
- Geo-location data
- Customer contact centre calls

An exception to this is e-Call functionality. E-Call will always be enabled and provide the services listed.

When Privacy mode is deactivated, full connected services will be reconnected from that point forward. No historic data will be sent once reconnected so that anonymity during Privacy mode is maintained.

¹. Excluding parking lamps, screen wash and engine oil level.

Vehicle Data Deletion

In cases where a user would like to remove their data from the vehicle, such as when the vehicle is sold, this is completed through the infotainment system (Refer to 'System Settings', page 12.6).

 *It is the user's responsibility to perform a factory reset changes ownership.*

Over The Air (OTA) Updates

A key benefit of a connected car system is the ability to remotely update software and certain vehicle modules. This helps make sure that your vehicle always has the latest software levels installed without the need to visit an Aston Martin Dealer. OTA updates are checked for during each ignition cycle and will seamlessly be delivered through the integrated GSM connection.

When an update is available, the data package will download in the background and then notify on the infotainment screen when it is ready to install.

Subscriptions

A 3 year subscription is included with sale of your vehicle. In addition to this, a growing portfolio of individual paid features will be available. To manage subscription levels, a private section of the app is available to review, renew and cancel your current or future subscription packages.

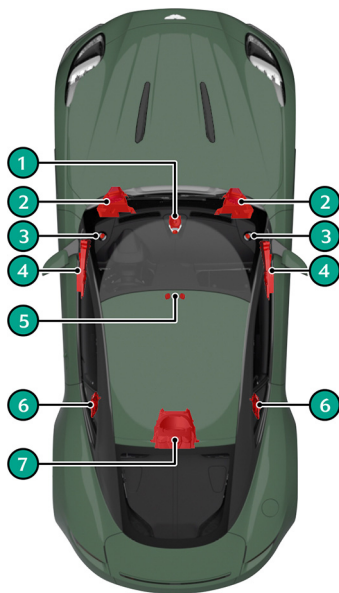


Media Systems

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Audio Specification

Bowers and Wilkins Audio



Speakers

[1] CENTRE SPEAKERS:

100 mm mid-range speaker with 25 mm tweeter.

[2] FOOTWELL WOOFERS:

165 mm woofers in enclosed cabinets.

[3] TWEETERS:

25 mm tweeters.

[4] DOOR SPEAKERS:

100 mm mid-range speaker in enclosed cabinet.

[5] MID-TWEETERS:

40 mm tweeters.

[6] REAR QUARTER SPEAKERS:

100 mm mid-range speaker with 25 mm tweeter.

[7] SUBWOOFER:

200 mm dual voice coil subwoofer.

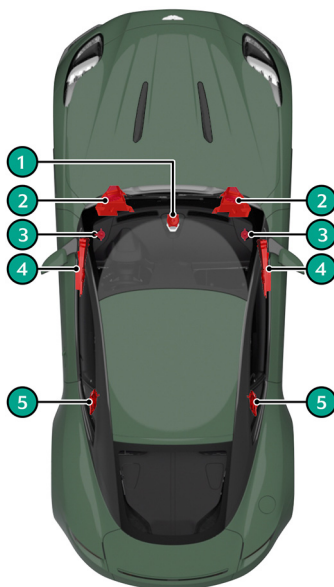
Audio System Features

- 1170W Audio System
- QuantumLogic® Immersion Sound Processing¹
- Dirac LIVE^{®2}
- Vehicle Noise Compensation
- Audio Leveliser

¹. QuantumLogic® is a registered trademark of Harman

². Dirac LIVE® is registered trademark of Dirac Research AB

Aston Martin Audio System



Speakers

[1] CENTRE SPEAKER:

100 mm mid-range speaker.

[2] FOOTWELL WOOFERS:

165 mm woofer in enclosed cabinet.

[3] TWEETERS:

25 mm tweeters.

[4] DOOR SPEAKERS:

100 mm mid-range speaker in enclosed cabinet.

[5] REAR QUARTER SPEAKERS:

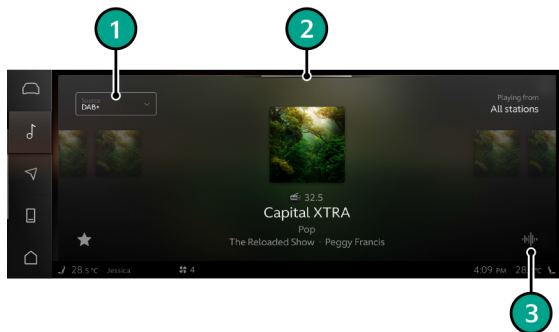
100 mm mid-range speaker with 19 mm tweeter.

Audio System Features

- 390W Audio System
- QuantumLogic® Sound Processing
- Vehicle Noise Compensation
- Audio Leveliser

Now Playing

The now playing screen has some common elements that appear regardless of which source medium is used. Individual media controls are explained in their relevant sections.

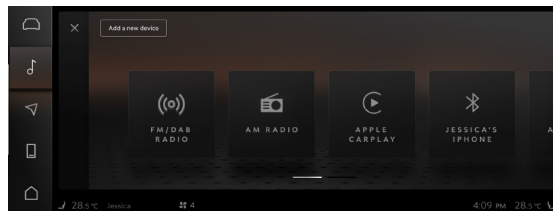


[1] SOURCE: Tap to change media source.

[2] MINIMISE: Swipe down to minimise media screen to the bottom bar.

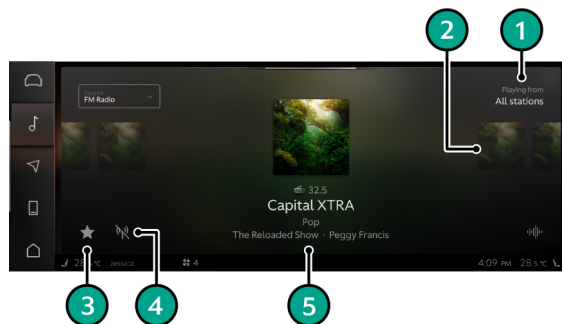
[3] SETTINGS: Opens the **Settings** menu (Refer to 'Sound Settings', page 9.10).

Source



In the **Source** screen you can select from different media sources connected to the system or add more devices such as Bluetooth devices. To select a source, swipe along the row of options and tap on the required source.

Radio



The display area will show the currently selected radio station and available radio stations.

[1]: Location where radio station was selected from. Text clears after 2 seconds.

[2]: Shows artwork for the next radio stations (if available).

[3]: Tap to set or remove as a favourite station.

[4]: Warning symbol to show if there is weak reception signal.

[5]: Basic information about the selected radio station.

Favourites

The favourites menu shows a list of previously saved stations. If no stations have been saved, a window will be shown with a list of suggested stations to save. To select a station, swipe through the list of saved stations and tap the required entry.

To Add a Favourite

To add a station to the favourites list, tap on the station in the **Now Playing** screen, and tap . If the maximum numbers of favourite stations has been reached, you will be prompted to select a station to replace.

To Remove a Favourite

To remove a station from the favourites lists, tap .

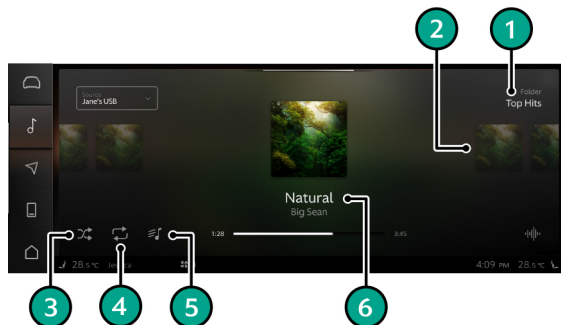
Portable Media

 *Media files must be in .mp3 or .mp4 format to be recognised as a suitable file format.*

USB

When a USB device is selected as a source medium, a song directory of available tracks will be given. From here you can also search by Album, Artist or Folders. You can also tap the  button to search content on the USB device.

Now Playing



[1] SOURCE LOCATION: Shows the source location for the track being played from search path. For example, Folder, Artist or Album.

[2] NEXT TRACK: Tap to play the next track. Swipe to navigate through the playlist of tracks.

[3] SHUFFLE: Tap to shuffle to on or off to randomise the playlist.¹

[4] REPEAT: Tap to cycle repeat current track, repeat all tracks in the playlist or to set repeat to off.¹

[5] OPEN FOLDER/PLAYLIST: Opens the source folder for track or playlist.¹

[6] TRACK INFORMATION: Shows track information such as track name, artist, album and track play time. To skip to a time during the track tap and drag on the time progress bar.

¹. USB Only.

Apple CarPlay

Apple CarPlay¹ enables an iPhone device to be used in the vehicle infotainment system and can be used to make calls, send and receive messages, view navigation and listen to music.

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

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

 *Only one device can be connected for Apple CarPlay at a time.*

 *Only one navigation route can be active at a time. If a navigation route is set in the infotainment system, this will be closed when navigation is opened through Apple CarPlay.*

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

Initial Connection

 *Apple operating system version iOS 14 or above is required for Apple CarPlay to operate. An Internet connection is also required on your iPhone for the full range of app functions to operate.*

 *Apple CarPlay can only be set up for the first time when the vehicle is parked.*

Wired Connection

1. Connect the device to a USB C port with a suitable cable.
2. Accept the Terms and Conditions that appear on screen.
 - If terms and conditions are not shown, select CarPlay from the main infotainment screen.
3. Apple CarPlay will now open.

¹. Apple and Apple CarPlay are trademarks of Apple Inc., registered in the U.S. and other countries.

Wireless Connection

1. Connect the device to a USB C port with a suitable cable and it will automatically pair through Bluetooth.
2. Accept the Terms and Conditions that appear on screen.
3. The iPhone will then ask the user to accept to use wireless CarPlay.
4. Apple CarPlay will now open.

If CarPlay does not start automatically, this can be connected through the device manager. Begin to pair a Bluetooth connection and the option to use wireless CarPlay will be given after pairing.

If multiple devices have been connected for use with CarPlay you can set which device is used in the device manager (Refer to 'Pairing a Device', page 7.2).

To change the active device, click the  icon on the device in use to deselect it and tap it for the device you wish to use.

SIRI

Apple CarPlay apps can be voice operated using SIRI. To activate SIRI press and hold the  button (A).



Android Auto

Android AutoTM₁ lets you use certain Android device apps with your vehicle's infotainment screen. When connected, the infotainment system can be used to make calls, send and receive messages, view navigation and listen to music.

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

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

 *Only one device can be connected for Android Auto at a time.*

 *Only one navigation route can be active at a time. If a navigation route is set in the infotainment system, this will be closed when navigation is opened through Android Auto.*

Initial Connection

 *Android 6.0 operating system version or above is required for Android Auto to operate. An Internet connection is also required on your device for the full range of app functions to operate.*

 *Android Auto Android Auto is integrated into Android phones and does not need to be downloaded.*

 *Android Auto can only be set up for the first time when the vehicle is parked.*

To connect an Android device:

1. Use a suitable high quality USB cable to connect the device to one of the vehicle's USB-C ports.
2. Follow the on-screen instructions to set up Android Auto.
3. Once set up is complete, Android Auto will automatically launch.

 *The Android device must be paired to the vehicle by Bluetooth®. To connect a device through Bluetooth (Refer to 'Pairing a Device', page 7.2).*

¹. Android and Android Auto are trademarks of Google Inc.

Changing Devices

If multiple devices have been connected for use with Android Auto you can set which device is used in the device manager (Refer to 'Pairing a Device', page 7.2).

To change the active device, click the  icon on the device in use to deselect it and tap it for the device you wish to use.

Talk to Google

Android Auto apps can be voice operated by talking to Google. To use voice activation press and hold the  button (A), say "OK Google" or by pressing the microphone button whilst inside Android Auto.



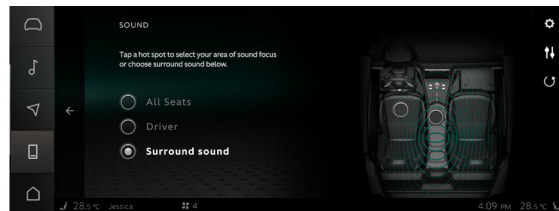
Sound Settings

Aston Martin Audio System

Sound Focus

Sound Focus changes the optimisation of the speakers depending on how many occupants are in the vehicle. Select from:

- **All Seats:**
Optimises the speaker focus for all seats in the vehicle.
- **Driver:**
The sound is optimised for the driver only.
- **Surround Sound:**
Adjusts the EQ to provide surround sound.



Bowers and Wilkins

Studio

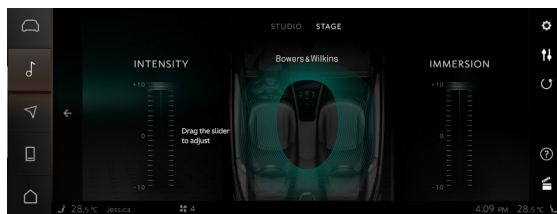
Studio replicates the neutrality of a recording studio for the most accurate recreation of your music.

You can adjust the optimisation of the speakers depending on how many occupants are in the vehicle. Select from:

- **All Seats:**
Optimises the speaker focus for all seats in the vehicle.
- **Driver:**
The sound is optimised for the driver only.

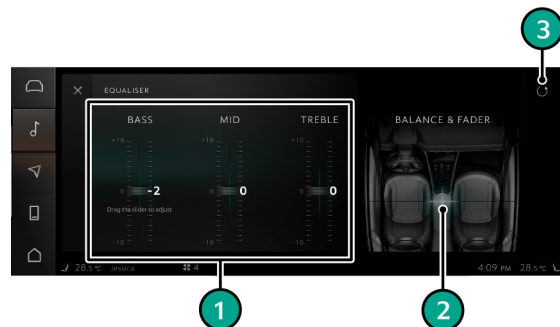
Stage

Stage creates the sensation of an artist's stage right in front of you. Use the slider bars to adjust the level of Intensity and Immersion to simulate the size of virtual venue.



Equaliser

The equaliser screen allows the user to customise audio settings to their personal preferences.



- **3 Band Equaliser:**
Touch and drag the sliders up or down to increase or decrease the bass, mid and treble frequency bands.
- **Balance and Fader:**
Touch and drag the crosshair to adjust the left to right balance and front and rear bias.
- **Reset:**
Resets settings to default.



Navigation

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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. Minimise the amount of time spent viewing the screen while driving and use voice prompts when possible.

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

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

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

Map



[1] SEARCH: Menu used to set navigation destinations.

[2] VEHICLE POSITION: Shows vehicle position and direction.

[3] SETTINGS: Tap to opens the navigation settings menu (Refer to 'Navigation Settings', page 10.6).

[4] CURRENT STREET NAME: Shows the current street/road name being travelled on.

[5] QUIBLA: Shows the direction to Mecca. Tap to show direction and time to next prayer in local time¹.

[6] MAP ORIENTATION/COMPASS: Shows direction to north. Tap to change map orientation so north is at the top of the screen.

[7] 2D/3D MAP: Tap to switch between 2D and 3D map view.

¹. Not available in all markets.

Map Browse

Some functions in the navigation system allow the user to find or select locations by scrolling the map directly.

Move the cursor by tapping and holding the touchscreen, and moving in the direction you wish to move the map. To zoom in and out of the map, use two fingers to touch the screen and pinch together to zoom out, or swipe apart to zoom in.

Search

The Search menu gives a number of options to be able to set a route for the navigation system.

Where to?

Tap *Where to?* to open the on screen keyboard to set an destination.

POI Icons

Tap on the icons to show that type of POI on the map. Tap



to expand the options available for POIs.

Recents

Tap to show recently set destinations.

Home/Work

Tap to set destination to saved home or work address.

Favourites

Saved favourite destinations are shown at the bottom of the list.

Points of Interest (POI)

A POI can be set by selecting one from the search window, or tap and hold a point on the map.

A pop-up window will be shown that will display different information depending on the type of location.

Business

If the location is a business address, the window will show:

- Business name
- Business type
- If the address is open or closed
- Opening or closing time
- Call option to ring the business

Address

If the location is an address, the window will show the address, town name and postcode.

Location

If the location is not associated with a business or address, the window will give the nearest town or landmark name.

To set a destination, tap go on the pop-up window for the chosen destination.

Active Route



[1] LANE/TURN NOTIFICATION: Pop-up window showing where the next turn or lane change is along with the distance to the turn.

[2] ROUTE: Shows the active route being followed in blue. Optional roads along the routes will be shown in grey.

[3] JOURNEY INFORMATION: Shows the estimated arrival time, journey time remaining and distance remaining. Tap **Cancel Route** to end the selected route navigation.

Tap  to enter an address for an additional stop on the route. If multiple stops are added, tap  to set the order for the stops on the route.

Navigation Settings

Map Software

Shows the current level of map software and GPS status. If an update is available, this will also be shown.

- **GPS Status:**
Shows If a GPS signal is available or not.
- **Map Version:**
Shows the current map software version.

Traffic and Map Display

- **Show real time traffic information:**
Set if live traffic information is used from the internet.
- **Show Mecca direction on the map:**
Tap set if the direction to Mecca is shown on the map¹.
- **Automatic re-routing:**
Tap to set if the route is redirected if a quicker or more efficient route becomes available.
- **Customise POIs shown on map:**
Select a series of POIs to be included on the map.
- **Show current street name:**
Tap to set if the current street name is shown on the display.

Sound & Voice

Sets volume and audio functions for the navigation system.

- **Voice Guidance Volume:**
Adjust the volume of navigation guidance prompts.
- **Play Voice Guidance Over Music:**
Set if navigation guidance prompts are given when music is playing.
- **Play Voice Guidance During Phone Calls:**
Set if navigation guidance prompts are given when a phone call is active.
- **Default Voice Guidance Level:**
Choose between *Full*, *Alerts Only* or *Mute*.

¹. Not available in all markets

Route Criteria

Shows a list of filters that can be applied to the navigation system when routes are set.

- **Avoid Motorways:**
Excludes sections of routes that use motorways or freeways.
- **Avoid Toll Roads:**
Excludes sections of routes that go through toll roads.
- **Avoid Ferries:**
Exclude sections of routes that include ferry travel.
- **Avoid Trains:**
Exclude sections of routes that include train travel.
- **Avoid Congestion Zone:**
Exclude sections of routes that go through congestion zones.
- **Avoid Tunnels:**
Exclude sections of routes that go through tunnels.

History & Destinations

Shows saved address and search history.

- **Home Address:**
 - **Add/Edit:** Add or edit details for a set home address.
 - **Delete:** Removes the set home address.
- **Work Address:**
 - **Add/Edit:** Edit details for the set work address.
 - **Delete:** Removes the set work address.
- **Manage Favourite Destinations:**
Opens a list of saved favourite destinations where individual entries can be deleted.
- **Clear Search History:**
Clear all search entries in the navigation system.
- **Clear Destination History:**
Clear all set destinations in the navigation system.



Convertible Roof

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Roof Operation

⚠ Warning: Before raising or lowering the roof, make sure that all occupants are clear of the tonneau panel, the windscreen frame and door windows.

⚠ Warning: Misuse of the roof switch, especially by children, can result in injury due to entrapment in the roof mechanism and locking points.

⚠ Caution: Aston Martin recommend that the roof is not operated at temperatures of 0°C and below.

⚠ Caution: Make sure that the roof is always fully raised or fully lowered.

⚠ Caution: Do not attempt to lower the roof if any objects or clothing are laying on top of the roof or tonneau panel.

⚠ Caution: Before closing or opening the roof, make sure that there are no objects placed on the rear sloping deck area which could interfere with the folded, stored roof, especially the heated rear windscreen glass. Even small objects can cause damage.

⚠ Caution: Continuous use of the roof without the engine operating will cause the vehicle battery to rapidly discharge.

To Operate The Roof

⚠ Warning: Keep the vehicle road speed down to a minimum until the roof has completed its operation.

⚠ Caution: Aston Martin recommend that the roof is only operated while the vehicle is stationary and that the engine is always running when operating the roof mechanism to maintain optimal battery performance..

 The deck lid will lock and will stay locked during roof lowering and raising operations.

Before operating the convertible roof:

- The deck lid must be closed.
- The ignition must be on and the engine must be running.
- Outside temperature must be above -10°C.
- The variable load device must be in the lower position.
- A maximum headroom (A) of 1795 mm is available for the roof to raise or lower.



Operation

⚠ Warning: *If roof movement is not complete the message "Open/close top completely" will be shown in the instrument cluster.*

To operate the roof use the switch (A) in the centre console.



To Lower the Roof: Pull and hold the switch backwards to lower the roof.

To Raise the Roof: Push and hold the switch forwards to raise the roof.

Once roof movement is complete, a confirmation sound will be heard from the instrument cluster.

Window Operation

The windows can be lowered and raised independently of the roof. When the roof is fully lowered or raised use the window switch to operate the windows as normal.

Roof Relaxation

The roof system continually monitors the roof position. If the roof is in a position between fully open and fully closed for 7 minutes with the ignition on, the roof will close. There will be a warning sound and the roof will relax and close to its stowage position in its lowest position.

📖 *If the key is removed from the vehicle ignition, the roof system will not wait the 7 minutes and will close after the audible warning.*

⚠ Warning: *The roof can fall rapidly as the roof system loses hydraulic pressure. Keep away from the roof mechanism when the audible warning begins, to prevent injury or entrapment.*

Over-speed Operation

Vehicle speed should be below 55 km/h (34 mph) when the roof is operated.

If the vehicle speed exceeds 55 km/h (34 mph), the convertible roof will stop opening or closing. This can restrict the view from the rear of the vehicle and can cause an accident. Reduce the vehicle speed to below 50 km/h (31 mph). Press the roof switch again to continue roof operation.

When safe to do so, continue the roof movement. If the roof is left in it's paused position for seven minutes, hydraulic pressure will be lost in the roof mechanism. The roof and tonneau lid will relax and drop down.

Roll-Over Protection System

 **Warning:** Do not attempt to service or modify the deployable roll-bar system.

 **Warning:** Do not allow any person to sit on the deployable roll-bar covers at any time.

 **Warning:** Do not place any objects on the top of the deployable roll-bar covers.

 **Warning:** Do not attempt to reset the deployable roll-bar system after it has deployed.

 **Warning:** Do not attempt to raise or lower the roof after the deployable roll-bar system has deployed.

 **Caution:** If the roof is raised the deployable roll-bars will break through the rear glass.

 **Caution:** Extreme manoeuvres may cause the vehicle system to predict a roll-over event and activate the roll-over protection system. If such driving is anticipated by the customer (track day driving, for example) the roof should be fully lowered so the roll-bars can be deployed without damaging the vehicle.

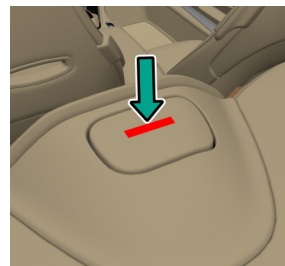
The roll-over protection system has electronic sensors mounted to the vehicle body that monitor and determine if a roll-over has taken place. If the system senses a rollover, two roll bars mounted under trim panels in the tonneau lid, will deploy to protect vehicle occupants.

 *If the roll-bars are deployed the door mounted airbags will also be deployed to further protect vehicle occupants.*



Warning Labels

Do Not Cover is embossed into tonneau cover above the roll bars.



Wind Deflector

The wind deflector can be used to greatly reduce wind turbulence when the roof is lowered. It is easily installed to mounts in the vehicle and can be left in place with the roof raised or lowered.

⚠ Caution: *Take care when adjusting the driver or passenger seat position with the wind deflector installed. Make sure that the seats do not come into contact with the wind deflector.*

Storage

The wind deflector can easily be folded and stowed away when not used. When the wind deflector is not required, remove it from the vehicle and place it in the storage bag. Place the storage bag in the vehicle luggage compartment.

Installation

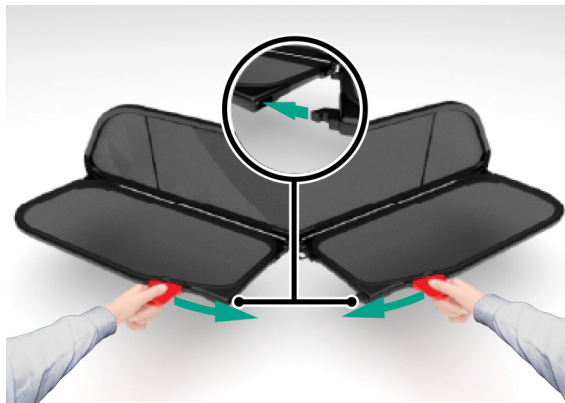
To install the wind deflector:

1. Remove the wind deflector from the storage bag.
2. Unfold the base panels.

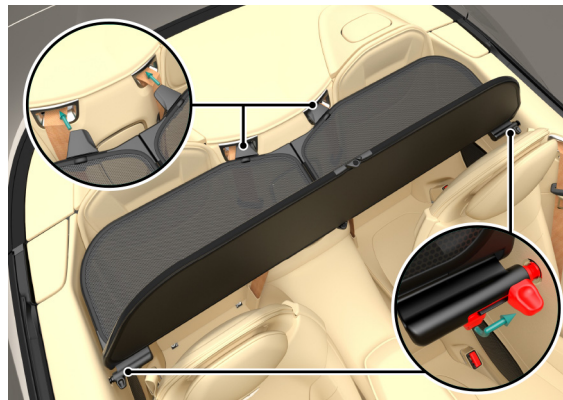


3. Open the main net panel and join the two base panels with the snap connectors.

⚠ Caution: Do not try to join the base panels with the snap connector before folding down from their stored position. If you do, you will damage the snap connectors.



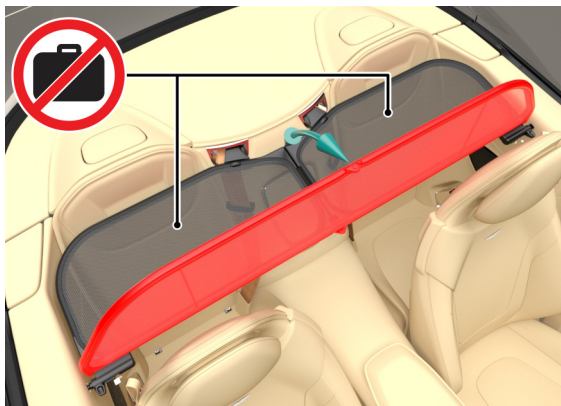
4. Insert the two locating tabs into the rear seat belt openings. Use the two slide bolts to lock the wind deflector above the rear seats.



When the wind deflector is installed it can be used in the raised or lowered position. Grab the top bar of the wind deflector to raise or lower the panel until it clicks into position.

⚠ Caution: Do not use the wind deflector to store items. This can cause damage to the wind deflector such as a rip in the net area.

⚠ Caution: Do not grab the main net panel. Sharp objects can pierce or otherwise damage the net.



Removal

To remove the wind deflector, do the installation procedure in reverse.

Emergency Roof operation

In the unlikely event of the roof failing, it can be manually raised and locked.

⚠ Warning: Make sure the ignition is set to off before you begin this procedure. This will prevent accidental operation of the roof which can cause injury.

⚠ Warning: Aston Martin recommend that a minimum of two people are required to manually raise and lock the roof. The roof mechanism will move very slowly when being raised manually.

⚠ Warning: Keep fingers clear of the roof linkage when moving the roof manually.

⚠ Caution: Vehicle Security: If the roof fails, always raise and lock the roof. Do not lower the roof as tonneau lid locks will not be available.

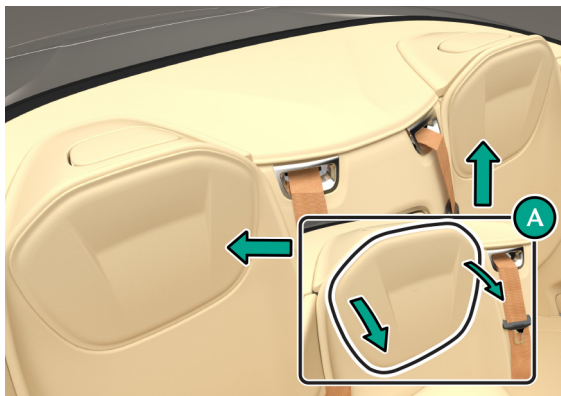
 If the roof fails in the stored position it can stay stored and locked if required. Contact your Aston Martin Dealer.

 If the roof fails after the tonneau locks have been released the message "Open/close top completely" will show in the instrument cluster and a continuous audible warning will sound until the roof has been locked in the raised position.

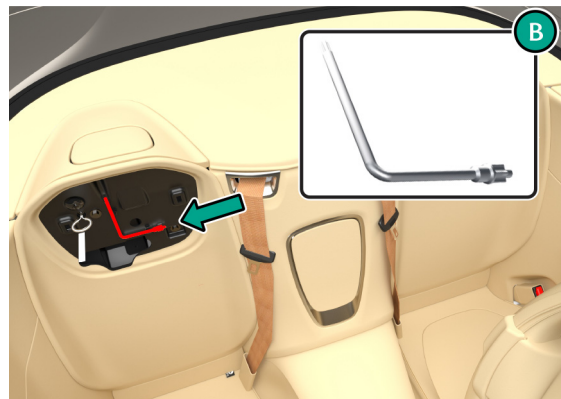
To Raise the Roof

 Once the manual roof raise procedure is complete, you will not be able to operate the convertible roof until it has been reset by an Aston Martin Dealer.

1. Remove the wind deflector (if installed).
2. Remove the head rests (A) for the rear seats.



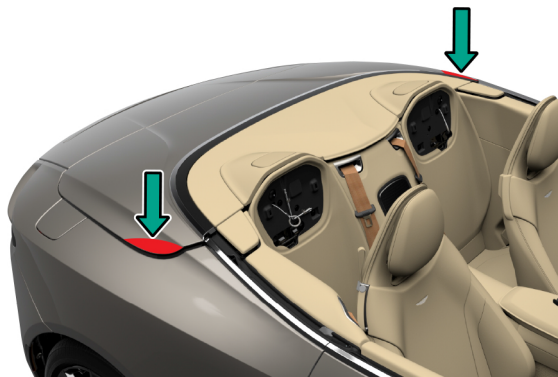
3. Remove the roof emergency tool (B) and put to one side. This will be needed to lock the roof.



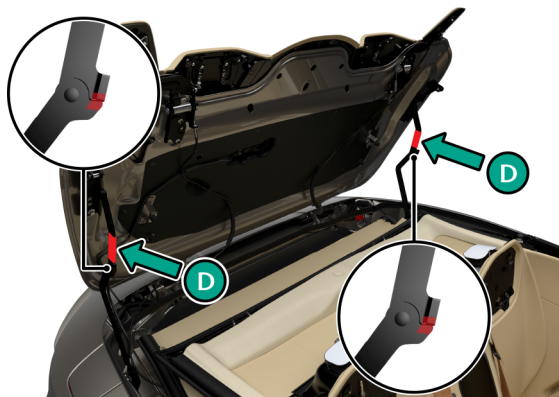
4. Pull the two release cables (C) for the tonneau latches.



5. Lift the tonneau cover at the points shown.

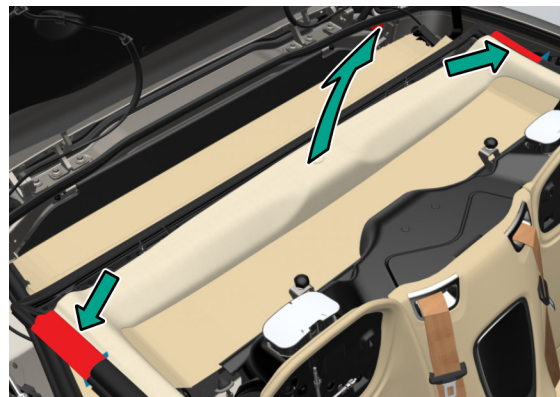


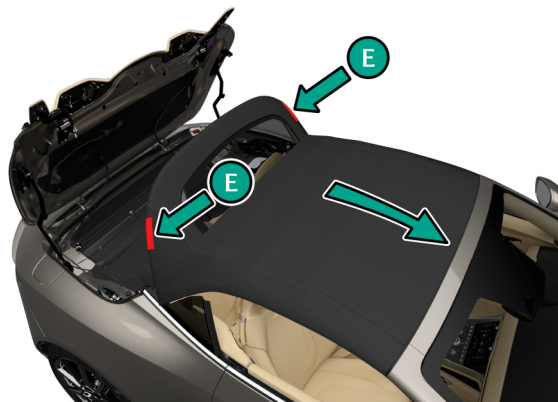
6. Push the hinge pivot (D) rearward to lock the tonneau into position.



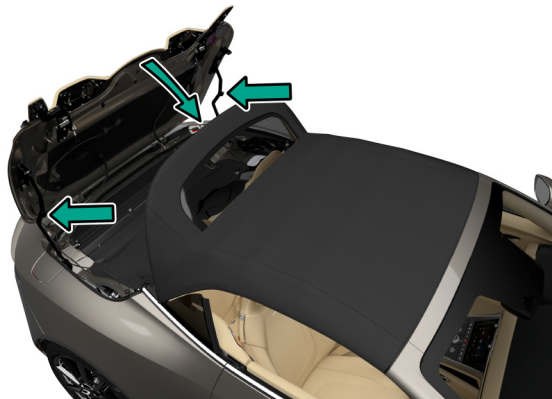
7. With a person each side, support the tension bow (E) and fully lift the roof to its closed position.

! Caution: The tension bow must not be allowed to fall until the front latches for the roof are in their receivers. If the tension bow does fall back before this point, the inner lining for the roof will be damaged.





8. Whilst supporting the tension bow, unlock the hinge and close the tonneau cover.

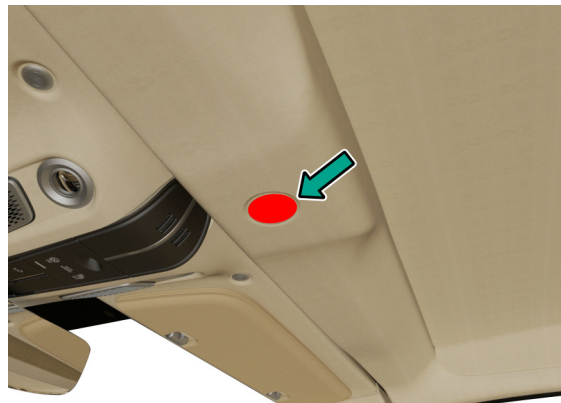


9. Once the tonneau cover is fully closed, lower the tension bow.

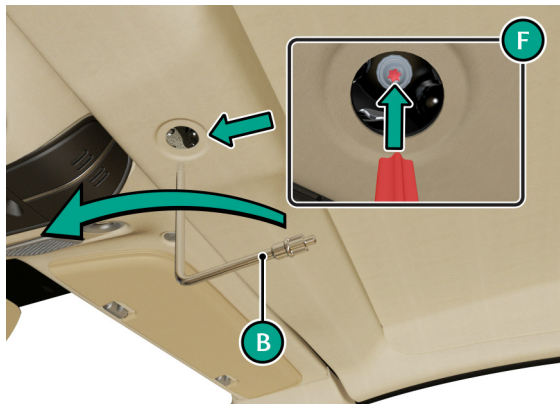
⚠ Caution: Do not allow the tonneau lid to rest on the roof fabric.



10. Inside the vehicle, remove the trim plug from the front header panel.

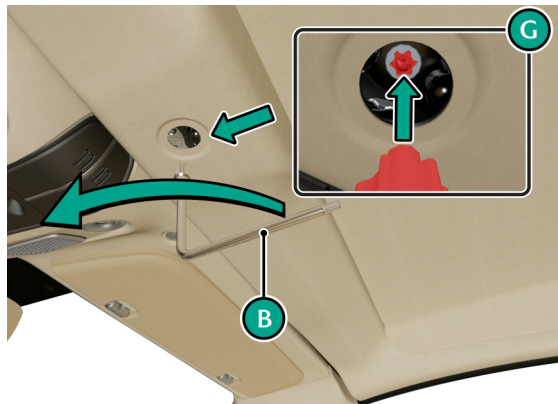


11. Use the small end of the roof emergency tool to remove the screw (F) from the roof motor.



12. Use the large end of the roof emergency tool to disengage the drive spline (G) and turn the motor one turn counter-clockwise.

 You must contact your Aston Martin dealer to reset the drive to the roof latch motor.



 If the roof is manually raised or lowered, both the tension bow and the tonneau cover cannot be locked.

Vehicle and System Settings

Vehicle	12.2
System Settings	12.6

Vehicle

To access the **Vehicle** menu tap . You will be shown the below options:

- **Drive Modes:**
Opens the **Drive modes** menu.
- **Telemetry:**
Opens the **Telemetry** menu.
- **Assistance:**
Opens the **Assistance** menu.
- **Lights:**
Opens the **Lights** menu.
- **Vehicle:**
Opens the **Vehicle** menu.
- **Parking:**
Opens the **Parking** menu.

Drive Modes

The **Drive Mode** screen shows which drive mode the vehicle is currently set to. This is also where the parameters for the *Individual* drive mode can be set.

To set *Individual* mode, rotate the drive mode dial in the centre console to **Individual** and select **Personalise**.¹

Select from:

Powertrain				
Drive	Wet	GT	Sport	Sport+
Exhaust	GT	Sport	Sport+	

Drive Dynamics			
Steering	GT	Sport	
Suspension	GT	Sport	Sport+

¹ If Individual mode parameters have already been set, **Personalise** will change to **Edit**.

Telemetry

The **Telemetry** screen shows auxiliary engine information to support the main instrument cluster. There are on screen dials that show:

- Battery Voltage
- Engine Power
- Engine Torque
- Engine Oil Temperature

Assistance

The **Assistance** menu is used to control the behaviour of the various driver aid systems this vehicle is equipped with.

Adaptive Cruise Control

Choose between *Automatic* and *Manual* legal speed limit adoption.

Automatic Emergency Braking

Choose to set Automatic Emergency Braking on or off.

Sensitivity

Choose to set the sensitivity level of the Automatic Emergency Braking to *Early*, *Medium* or *Late*.

Blind Spot Assist

Set Blind Spot Assist to on or off¹.

Traffic Sign Assist

Choose to set Traffic Sign Assist to *Visual*, *Visual & Audible* or *Off*.

Speed Limit Change Audio Warning

Select if an audible warning is given when the speed limit changes for the road the vehicle is being driven on.

¹. Blind Spot Assist also switches Door Exit Warning on or off.

Lane Keep Assist

Lane Keep Assist (LKA)

Choose to set LKA to on or off.

Lane Departure Warning (LDW)

Choose to set LDW to on or off.¹

Rear Cross Traffic Assist

Choose to set Rear Cross Traffic Assist to on or off.

Lights

The **Lights** menu is used to set parameters for the various lighting systems on the vehicle.

- **Ambient Lights:**

Open the **Ambient Light** menu.

- **Colour:**

Use the slider bar to select a colour.

- **Brightness:**

Use the slider bar to set a brightness for the cabin.

- **Courtesy Lights:**

Set the courtesy lights to turn on or off.

- **Exterior Light Shut-off Timeout:**

Adjust how long the exterior lamps stay lit when the vehicle ignition is switched off.

- **Interior Light Shut-off Timeout:**

Adjust how long the interior lamps stay lit when the vehicle ignition is switched off.

¹. Only available to select if LKA is set to off.

Vehicle

The **Vehicle** menu is used to set parameters for various systems on the vehicle.

Comfort

- **Acoustic Lock:**
Set if the vehicle audibly confirms when it is locked.
- **Automatic Door Lock:**
Set to lock the vehicle doors when the vehicle is driven above 15 km/h (9 mph).
- **Automatic Mirror Folding:**
Set so that the mirrors fold in when the vehicle is locked.
- **Interior motion sensor:**
Sets the interior motion sensors for the alarm on or off.
- **Tow-Away Protection:**
Sets the vehicle tilt sensor for the alarm on or off.

Miscellaneous

- **Standby mode:**
Set the vehicle into standby mode where non-essential systems are shut down to extend battery life when the vehicle is not used for extended periods of time.
- **Winter tyres limit:**
Sets a maximum vehicle speed for when winter tyres are fitted.

Parking

The **Parking** menu is used to set parameters for the parking systems on the vehicle.

- **Audio Fadeout Warning Tones:**
Set if warnings fade out with distance from an obstacle.
- **Warning Volume Tones:**
Sets the volume for when warnings are given.
- **Warning Tone Pitch:**
Sets the pitch for when warnings are given.
- **Automatic Reversing Camera:**
Set if the parking camera is automatically shown when reverse gear is selected.

Warnings

- **Front:**
Sets if warnings are shown for obstacles to the front of the vehicle at a standard distance or early.
- **Rear:**
Sets if warnings are shown for obstacles to the rear of the vehicle at a standard distance or early.
- **Side:**
Sets if warnings are shown for obstacles to the side of the vehicle.

System Settings

To access the **System Settings** menu, tap  to view the home screen and swipe right to view the menu. Select

 to open **System Settings** and view the below options:

- **Apps:**
Opens the **Apps** menu to adjust settings for individual apps.
- **Audio:**
Opens the **Audio** system settings menu.
- **Device Manager:**
Open the **Device Manager** menu for connected devices (Refer to 'Bluetooth Device Management', page 7.2).
- **Display:**
Opens the **Display** menu to adjust visual content.
- **Language & Units:**
Opens the **Language & Units** menu to set system language and units used.
- **Privacy Mode:**
Temporarily deactivate all connected car functions and remote car controls.

- **Reset:**
Restore the vehicle software systems to their factory settings¹.
- **Software:**
Shows system software version and used to update the software.
- **Time & Date:**
Opens the **Time & Date** menu.
- **Bluetooth Name:**
Opens the **Bluetooth** screen to set Bluetooth to on or off, and to set the vehicle's Bluetooth name.

¹. Only available whilst vehicle is stationary.

Apps

Sets display parameters for the instrument cluster and infotainment system.

- **Navigation:**
Opens the **Navigation** settings menu (Refer to 'Navigation Settings', page 10.6).
- **Phone:**
Opens the **Phone** settings menu.

Audio

Sets audio parameters for the infotainment system.

- **Auto Volume Adjustment:**
Set if the system automatically adjust volume to compensate for exterior noise.
- **Navigation Guidance Volume:**
Set the volume for navigation announcements.
- **Incoming Ringtone Volume:**
Sets the ringtone volume.
- **Default In-Call Volume:**
Set what volume calls are at by default¹.

Radio

- **Traffic Announcements:**
Set if traffic announcements are active in the navigation system.

¹. Call volume can be changed during calls.

Display

Sets display parameters for the instrument cluster and infotainment system.

- **Auto Display Brightness:**
Set if the display screens automatically adjust brightness.
- **Display Brightness:**
Manually set the brightness level for the display².
- **Display Theme:**
Set if the display screens are set to **Light**, **Dark** or **Auto** mode.

². Only available if Auto Display Brightness is set to off.

Language & Units

System Language

Sets the language used for the instrument cluster, infotainment system and warnings.

Speed Unit

Sets the units used for vehicle speed.

Pressure Unit

Sets the units used for pressure displays.

Fuel Consumption Unit

Sets the units used for displaying fuel consumption.

Software

The **Software** page shows the software levels for the below components and if the software is at it's most up to date level. If a software update is available, this will be shown as a pop up notification at the top of the menu (Refer to 'Software Updates', page 13.53).

- Software Version
- Part Number
- Boot Loader Version

Time & Date

- **Set Time Automatically:**

Select to automatically set the time and time zone.

- **Manual time**

If **Set Time Automatically** is set to off, the time can manually be set.

- **Time Format:**

Set if the time format is given as 12 or 24 hours.

- **Date Format:**

Set how the date format is shown.

Maintenance and Technical Data

Introduction	13.2
Servicing Precautions.....	13.3
Owner Maintenance Checks	13.5
Bonnet Release.....	13.6
Fluid Checks and Capacities.....	13.8
Washers and Wipers	13.13
Chassis Systems.....	13.14
Wheels and Tyres	13.16
Electrical Systems.....	13.20
Vehicle Care	13.30
Powertrain Specifications	13.38
Performance	13.39
Dimensions	13.40
Emergency and Breakdown	13.43
Fuel.....	13.51
Software Updates	13.53

Introduction

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

If you think that this vehicle is not functioning correctly, please contact an Aston Martin Dealer for the vehicle to be professionally checked.

Parts and Lubricants

Aston Martin recommends that when performing a servicing task, the recommended lubricants (Refer to 'Fluid Checks and Capacities', page 13.8) and parts are used.

! Caution: *If oils or lubricants are used which do not meet the required fluid 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 have 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.*

Electronic Fuel Injection

⚠ Warning: *If the fuel system is allowed to run dry, the fuel pump(s) can be permanently damaged.*

⚠ Warning: *Any modifications or additions to the fuel system not specifically designed by Aston Martin are prohibited. If installed, they can cause damage to the fuel system which, in some circumstances, could cause fire. All Service Action and Safety Recall Actions must be undertaken by an Aston Martin Dealer.*

The electronic fuel injection system requires specialist 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.

Restraint Systems

Aston Martin recommend that the inflatable restraint systems (airbags) and seat belt components installed to this vehicle are replaced at 10 year intervals from the date of manufacture on the certification label.

Servicing Precautions

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

⚠ Warning: *Protect yourself against dangerous substances.*

⚠ Warning: *Keep hands, hair, tools, items of clothing and jewellery clear of all drive belts, pulleys and operating mechanisms. The cooling fan 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 work on the electrical system.*

⚠ Warning: *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.*

 **Warning:** Do not breathe exhaust fumes. Exhaust fumes contain carbon monoxide. Carbon monoxide is a dangerous gas, which is colourless and odourless and can cause unconsciousness and may be fatal. Never start or leave the engine running in an enclosed, unventilated area.

 **Warning:** Do not work beneath the vehicle with a vehicle lifting jack as the only support. Place suitable stands under the vehicle.

 **Warning:** Keep children and pets clear of the vehicle. Do not let anyone inside the vehicle unless specifically working to your instructions.

 **Warning:** Whenever possible, work in the engine compartment with the engine cool, the ignition off and the vehicle battery disconnected.

 **Warning:** Petrol is highly flammable and, in confined spaces, is also explosive and toxic. In the event of spillage, set the engine to off. Do not use a flame or spark near fuel or fuel vapour. Do not smoke near fuel or fuel vapour. Do not inhale fuel vapour or fumes.

Dangerous Substances

 **Warning:** Dangerous substances should be kept out of reach of children.

 **Warning:** Many liquids and other substances used in motor vehicles are poisonous and should under no circumstances be consumed and should, so far as possible, be kept from contact with the skin. These substances include battery electrolyte, antifreeze, oil, brake and clutch fluid, petrol, windscreen washer additives, lubricants, refrigerant and various adhesives.

 **Warning:** Particular care should be taken to avoid unnecessary contact with used engine oil. Always read carefully the instructions printed on labels or stamped on components and follow them carefully. Such instructions are included for reasons of your health and personal safety. Never disregard them.

Engine Oils

⚠ Warning: *Prolonged and repeated contact with used engine oils can cause serious skin disorders, including dermatitis and cancer. Avoid excessive contact, wash thoroughly after contact. Keep out of reach of children. When your oil is changed, be sure that it is done by an experienced person. In addition, observe all laws regarding the disposal of waste oil and toxic fluids.*

Protect The Environment

⚠ Warning: *It is illegal to pollute drains, water courses, or soil. Use authorised waste disposal facilities, including civic amenity sites and garages providing facilities for receipt of used oil. If in doubt, contact your local authority for advice.*

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)

- Tyre condition
- Coolant level
- Brake fluid level
- Air conditioning operation
- Windscreen washer fluid level
- Check operation of windscreen washers.

Fuel Filler Bowl

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

Engine Oil Level

⚠ Caution: *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 - whichever is the sooner .

Tool Kit

The following emergency items are located in stowage box tool kit in the luggage compartment.

- First aid kit (optional).
- Warning triangle.
- Tyre repair kit which also holds:
 - Towing eye
 - Funnel for emergency fuel fill
 - Locking wheel bolt key (optional)

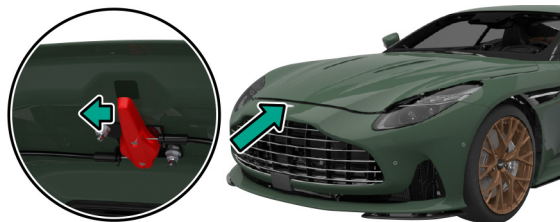
Bonnet Release

To open the bonnet, pull the lever (A) located under the instrument panel to release the bonnet latch. The bonnet will rise but stay secured by the bonnet secondary catch.



 *The bonnet release lever is always on the passenger side of the instrument panel.*

Slightly lift the front edge of the bonnet and move the bonnet secondary catch to release it. Lift the bonnet until fully open. The bonnet is held open by two gas struts.



To close the bonnet, lower the bonnet until it starts to fall under its own weight, then let the bonnet fall to close. If the bonnet does not shut, open the bonnet again and repeat with light hand pressure as the bonnet falls.

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



Fluid Checks and Capacities

Engine Oil Level

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

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

 **Caution:** *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.*

 **Caution:** *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.*

Engine Oil Level Sensing

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.

 **Caution:** *Running the engine with engine oil below the minimum level can cause serious engine damage.*

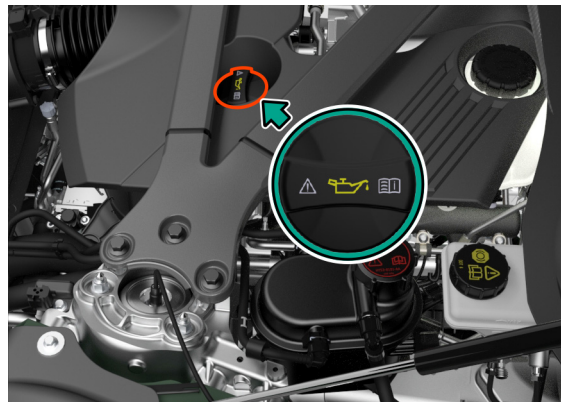
 *The system may not record an oil level if the engine oil temperature is low.*

If the engine oil level is approaching the minimum mark, a message will be shown in the instrument cluster along with a warning symbol. A code will also be stored in the engine management system. The engine oil level 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 Oil Level Check

 *The engine can use up to 0.8 litres of oil for every 1000 km (620 miles) once the engine has completed 10,000 km (6200 miles).*

1. Make sure the vehicle is on level ground.
2. Run the engine until it reaches normal operating temperature.
3. Navigate to *Vehicle* and then *Oil Level Check* in the instrument cluster menu.
4. If more oil is required, shut off the engine, remove the engine oil filler cap and top up with the recommended engine oil (Refer to 'Engine Oil', page 13.12).
5. Wait for approximately two minutes for the engine oil to settle, then repeat step 3. Add engine oil if required. **Do not overfill.**
6. Securely fit the engine oil filler cap.

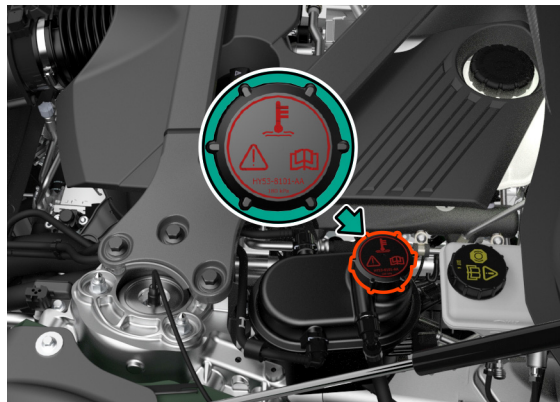


Engine Coolant Level

⚠ 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 reservoir cap to check the coolant level. The correct coolant level is to the top of the reservoir tank.



2. Make sure that the reservoir cap is secure after topping up.

⚠ Caution: Do not over tighten the reservoir cap. This can cause damage to the reservoir cap or the thread for the reservoir tank.

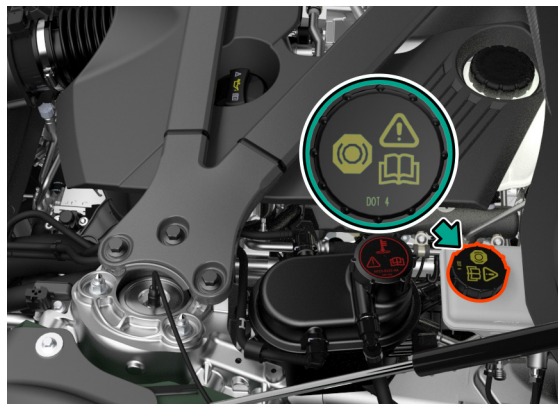
Brake Fluid Level

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

⚠ Caution: 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.

Use of fuel with more than 10% ethanol is not permitted.



Engine Oil

⚠ Caution: To achieve the required high performance of synthetic lubricants, do not mix with mineral oils.

A fully synthetic 0W-40 oil meeting the specifications detailed below can be used. No other viscosity grades or specifications are acceptable.

Authority	Standard
API	SN
ILSAC	GF5

Engine Coolant

Contact your Aston Martin Dealer for information on engine coolant.

Brake Fluid

DOT 4

Air Conditioning Refrigerant

⚠ Caution: 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.

HFO-1234yf

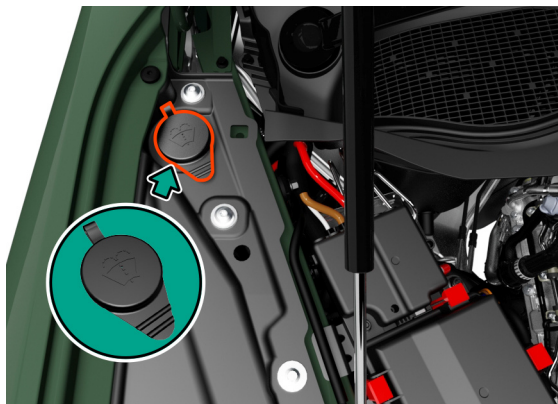
Capacities

Fluid	Capacity
Fuel Tank	75 Litres
Engine Oil (including filter)	8.5 Litres
Engine Coolant (includes transmission cooling)	18.6 Litres
Charge Cooler Coolant	6.7 Litres
Automatic Gearbox (including cooler)	8.5 Litres
Automatic Transmission Differential	1.1 Litres
Screen Washer Reservoir	4.0 Litres

Washers and Wipers

Windscreen Wash Fluid

To refill the washer fluid, open the washer fluid reservoir cap and top up as required. In winter, to prevent the windscreen wash fluid freezing, increase the fluid concentration (refer to the manufacturers recommendations on the windscreen wash fluid container).



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

Local or state regulations may restrict the use of volatile organic compounds (VOCs), which are commonly used as antifreeze agents in windscreen washer fluid. A windscreen washer fluid with limited VOC content should be used only if it provides adequate freeze resistance for all regions and climates in which the vehicle will be operated.

Wiper Blade Replacement

To remove a wiper blade, lift the wiper arm and press at point (B) to release the wiper blade.



Slide a new wiper blade on to the wiper arm until it locks into place.

Chassis Systems

Vehicle Body

Two door coupe with 2+2 seating.

Two door convertible 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. Column adjustment for reach and tilt.

Turns Lock to Lock

2.375 turns.

Turning Circle

12.4 m.

Suspension

Front

Independent double aluminium wishbone incorporating anti-dive geometry. Coil over aluminium monotube dampers and anti-roll bar.

Rear

Multi-link suspension with coil over aluminium monotube dampers and anti-roll bar.

Brakes

Foot Brake

Cast Iron

	Front	Rear
Disc Construction	Grooved and ventilated cast iron	Grooved and ventilated cast iron
Diameter	400 mm	360 mm
Calipers	Six Piston	Four Piston

Carbon Ceramic

	Front	Rear
Disc Construction	Ventilated Carbon Ceramic	Ventilated Carbon Ceramic
Diameter	410mm	360mm
Calipers	Six Piston	Four Piston

Park Brake

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

Chassis Features

- Three user selectable adaptive damping settings;
 - GT.
 - Sport.
 - Sport+.
- Anti-Lock Braking System (ABS).
- Hydraulic Brake Assist (HBA).
- Electronic Brake Force Distribution (EBD).
- Electronically controlled rear differential (E-Diff).

Wheels and Tyres

Wheel and Tyre Information

Summer tyres

	Front	Rear
Wheel Size	9.5J x 21	11.5J x 21
Tyre Size	275/35 ZR21 (103Y)	325/30 ZR21 (108Y)
Tyre Pressure (up to 270 km/h / 167 mph)	2.3 Bar 34 Psi	2.3 Bar 34 Psi
Tyre Pressure (above 270 km/h / 167 mph)	2.9 Bar 42 Psi	2.9 Bar 42 Psi

Winter tyres



V rated tyres have a maximum speed of 240 km/h (149 mph).

	Front	Rear
Wheel Size	9.5J x 21	11.5J x 21
Tyre Size	275/35 R21 103V	315/30 R21 105V
Tyre Pressure	2.5 Bar 36 Psi	2.5 Bar 36 Psi

Wheel Bolt Torque

For wheel bolt torque (Refer to 'Wheel Bolt Torque', page 13.48).

Wheel Alignment

For the most up to date wheel alignment values, contact your Aston Martin dealer.

Tyres

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

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

Tyres of the correct size and type, but made by different manufacturers can have widely varying characteristics.

Tyre Pressures

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

Check tyre pressures regularly and before starting any journey, and adjust accordingly.

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

Tyre Information

Damage

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

Tyres should be examined at regular intervals for wear and damage. Inspect the tyre treads and sidewalls for damage, i.e. bulges in the tread or the sidewalls, cracks in the tread groove and separation in the tread or the sidewalls. If damage is observed or suspected have the tyre inspected by a tyre professional.

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

Flat Spots

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

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

Age

 *Local regulations on tyre life may apply.*

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

New Tyres

Each wheel and tyre unit must be balanced dynamically and measured for Radial Force Variation (RFV) to make sure of efficient steering, optimum tyre wear and maximum ride comfort. Because of the potentially high speeds, it is essential that wheel balancing is carried out when new tyres are installed. Contact your Aston Martin Dealer for more information.

Running-In New Tyres

When new tyres have been installed, speed should be limited, particularly during the first 80 km (50 miles) or so of driving. Fast cornering, hard braking, and harsh acceleration should also be avoided during this period.

Tread Wear Marks

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



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

Summer Tyres

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

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

Winter Tyres

The tyres installed as original equipment are designed with a rubber compound, tread pattern and width specially suited for high speeds in normal road conditions, but they are less suitable during extremes of low temperatures, snow and ice. The use of winter tyres will considerably improve handling during these conditions. Only use Aston Martin approved winter tyres - contact your Aston Martin Dealer for more information.

⚠ Warning: The maximum speed limit of the vehicle should be reduced when winter tyres are installed. Winter tyre speed limits and information should be provided upon installation. Please consult your Aston Martin Dealer for more information.

Winter tyres must be installed to the correct winter wheels.

Winter tyres must be used in vehicle sets, that is, installed on all four wheels. Do not exceed the tyre speed rating when using winter tyres.

Snow Traction Devices

⚠ Warning: The maximum speed when using snow traction devices is 48 km/h. Remove the snow traction devices immediately when the roads are clear of snow.

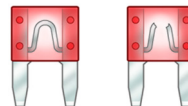
These are for temporary use when driving in heavy snow conditions. Snow traction devices should only be installed to the rear (driven) winter wheels. For more information regarding the correct snow traction device to fit to your vehicle, contact your Aston Martin Dealer.

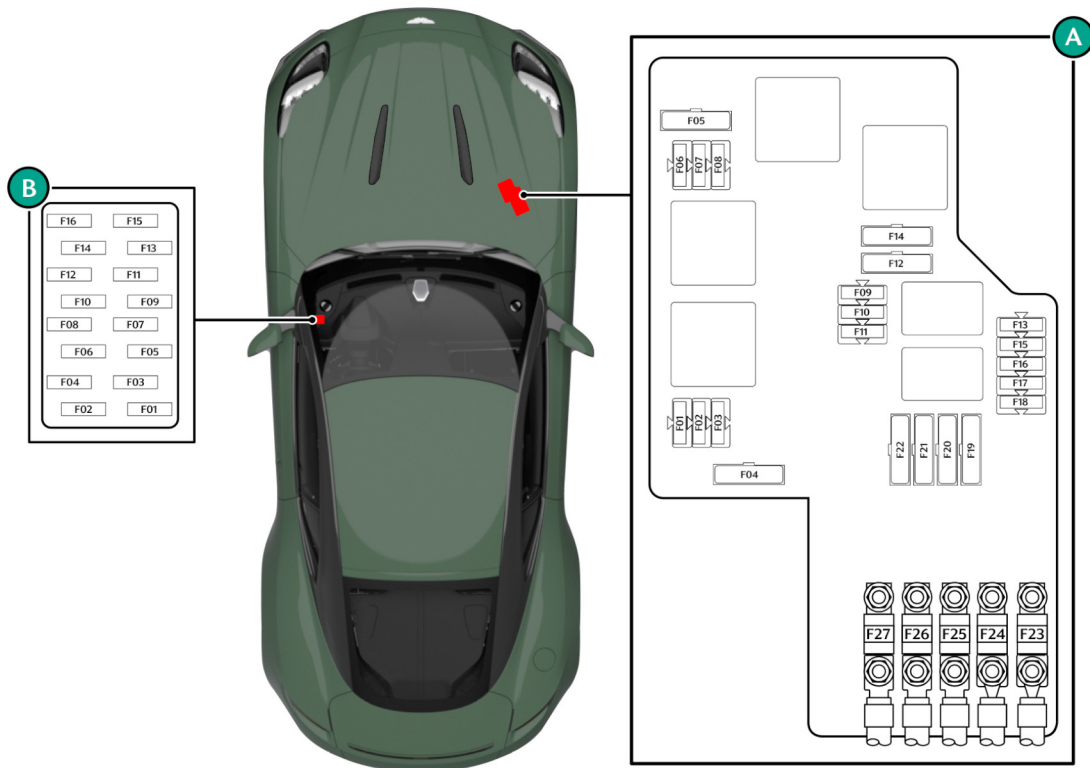
Electrical Systems

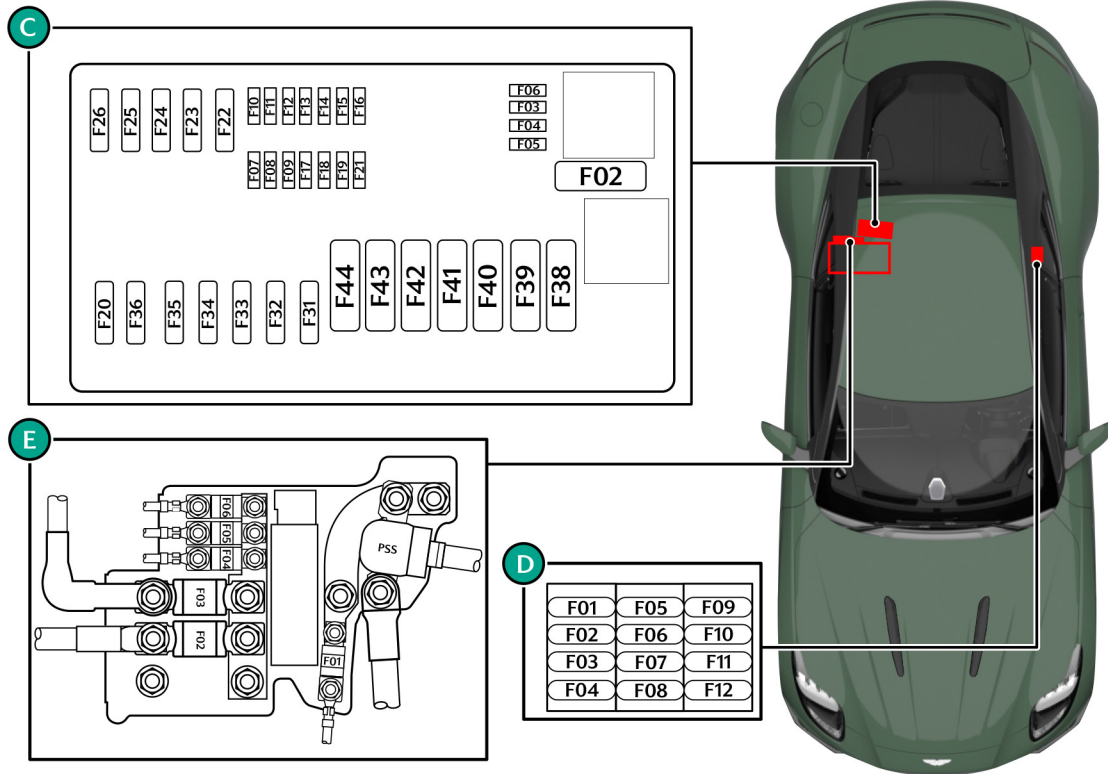
Fuses

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.







(A) Engine Bay Fuse Box

F1	15A	Exhaust Bypass Valves
F2	15A	Differential Cooling Pump
F3	15A	Coolant Pump
F4	20A	Coolant Pump
F5	15A	Engine Control Module (ECM) -
F6	15A	ECM
F7	15A	ECM
F8	15A	ECM
F9	5A	Forward Radar
F10	5A	ECM
F11	5A	Brake Control Module
F12	10A	Front Body Control Module (BCM) Multipurpose Camera
F13	15A	Horn
F14	30A	Starter Motor

F15	5A	-
F16	5A	-
F17	5A	-
F18	7.5A	-
F19	20A	Headlamps
F20	20A	Headlamps
F21	30A	Wipers
F22	30A	Wipers
F23	40A	Brake Control Module
F24	60A	Brake Control Module
F25	100A	Cooling Fan
F26	100A	Electronic Power Assisted Steering (EPAS)
F27	-	-

(B) Fascia Fuse Box

F1	7.5A	Ambient Light Module
F2	15A	HVAC Module
F3	10A	Centre Console Switch Pack
F4	7.5A	Instrument Cluster
F5	-	-
F6	7.5A	Steering Column Control Module (SCCM)
F7	20A	Drive Unit
F8	5A	-
F9	15A	SCCM
F10	10A	On Board Diagnostic (OBD) Socket
F11	5A	HVAC Control Panel
F12	7.5A	Wireless Phone Charger
F13	7.5A	Infotainment Display Screen
F14	15A	Common Powertrain Control (CPC) Module
F15	20A	Steering Column Lock
F16	7.5A	Wireless Phone Charger

(C) Rear Cabin Fuse Box

F2	30A	Heated Rear Window
F3	15A	Front 12V Socket
F4	15A	-
F5	15A	-
F6	5A	Seat Modules
F7	5A	-
F8	5A	Tyre Pressure Monitoring System
F9	5A	Connected Car Module
F10	5A	E-Diff
F11	5A	Rain Light Sensor
F12	7.5A	Park Distance Control
F13	7.5A	USB Panel
F14	7.5A	Occupant Restraint Control (ORC) Module
F15	10A	-
F16	10A	-
F17	15A	Infotainment Module
F18	15A	Left Seat Adjust
F19	15A	Right Seat Adjust
F20	20A	Active Aero
F21	15A	Transmission Control module (TCM)
F22	30A	Fuel Pump Control Module

F23	25A	-
F24	25A	Adaptive Damping Module
F25	25A	Driver Seat Control Module
F26	25A	Passenger Seat Control Module
F31	30A	Convertible Module
F32	30A	Audio Amplifier
F33	30A	Audio Amplifier
F34	30A	Convertible Module
F35	30A	E-diff
F36	30A	Convertible Module
F38	40A	Front Body Control Module (BCM)
F39	40A	Rear BCM
F40	40A	Rear BCM
F41	40A	Audio Amplifier
F42	40A	Convertible Module
F43	40A	HVAC Blower
F44	40A	Front BCM

(D) Auxiliary Cabin Fuse Box

F1	10A	Trickle Charger
F2	10A	Electronic Ignition Switch (EIS)
F3	5A	Connected Car Module
F4	10A	Alarm
F5	10A	Presenting Handles Module
F6	7.5A	Instrument Cluster
F7	5A	Decklid Latch
F8	5A	ECM
F9	-	-
F10	30A	Door Module
F11	30A	Door Module
F12	-	-

(E) Battery Fuses

PSS		Pyrotechnic Safety Switch
F1	60A	Keep Awake
F2	250A	Engine Fuse Box
F3	200A	Rear Fuse Box
F4	60A	-
F5	60A	-
F6	60A	Fascia Fuse Box

Pyrotechnic Safety Switch

The Pyrotechnic Safety Switch (PSS) is designed to operate in both over-current and crash events. When activated, the PSS will completely isolate the electrical system from the battery to reduce the risk of electric shock or a vehicle fire.

The PSS is a single-use item and will require replacement if it has been activated.

Battery**Battery Warnings**

⚠ Warning: Do not allow flames, sparks or lighted substances to come near the battery. Batteries normally produce explosive gases when charged or when jump started. When working near the battery, always make sure that neither you nor the battery is electrostatically charged. Always have sufficient ventilation.

⚠ Warning: Never place metal objects on the battery or allow the positive terminal of the battery to contact parts of the vehicle body. This can create a spark or a short circuit which can ignite gases created when the battery is charged.

⚠ 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.

⚠ Caution: The engine must never be run with the vehicle battery disconnected. This can cause damage to vehicle electrical modules.

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

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



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 Level Protection

⚠ Caution: *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.

If a low battery warning message shows, start the engine and let it idle so the battery can recharge¹, or connect a suitable battery charger or conditioner.

Vehicle Battery Disposal

The incorrect disposal of a vehicle 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 authorised standards for disposal. Call your local authorised recycling centre to find out more about recycling automotive batteries. Do not dispose of your vehicle battery in the household waste.



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.

Battery Conditioner

(Optional)

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

The Aston Martin battery conditioner is suitable for use on all types of 12 volt AGM and lead acid batteries.

If this vehicle is not going to be used for a period of time, and mains power is available, use a battery conditioner to maintain the battery charge level. When connected the battery conditioner will maintain a small trickle charge to keep the battery in a fully charged state. A battery conditioner is designed for conditioning of partially or fully charged batteries. It will not effectively charge a discharged battery.

The battery conditioner uses a magnetic disc to attach to the charger socket (A). To connect the battery conditioner, open the deck lid and attach the charger plug onto the charger socket. The deck lid can then be closed and locked with the charger connected.



 For further safety information and operating instructions, refer to the instructions supplied with the battery conditioner.

Lamps

External Lamps

All external lamps use LEDs and are contained in sealed lamp units.

The lamp units are not repairable. If a lamp or lamp unit fails contact your Aston Martin Dealer.

Internal Lamps

All internal lamps are LEDs and are not repairable.

If an LED lamp fails contact your Aston Martin Dealer.

Driving Abroad

The headlamps in this vehicle do not require adjustment when driving in countries where vehicles are driven on the opposite side of the road¹. The headlamps meet ECE requirement to operate without conversion.

Vehicle Care

Washing

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

⚠ Caution: *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 your 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.

¹. Opposite to the country in which your vehicle is registered.

For best results:

- Do not wash the vehicle in strong sunlight. Let the vehicle cool before washing.
- Do not use household soaps or detergents.
- Do not direct water hoses at full force around the door and boot lid seals.
- Do not use a brush on the car body as this will leave little scratches.

Suggested washing method:

1. Fill two buckets with water. 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.*

Satin Paint

(Optional)

 ***The Aston Martin new car warranty covers defects in materials or workmanship of the paint work. The warranty does NOT cover repairs to your satin or matt paint work caused by negligence, lack of or improper maintenance such as waxing or polishing the finish, environmental influences, or improper repairs or damage that causes the satin finish to become glossy.***

In comparison to conventional paints with a gloss or metallic surface, satin paint work must be cared for slightly differently. In order to avoid damage to the satin paint work, make sure that the cleaning and care points below are followed:

1. Only use cleaning products recommended by Aston Martin. Abrasive cleaning products will change the satin appearance of the paint and must not be used.
2. Do not polish or wax the paintwork. This can lead to glossing of the paintwork.
3. Do not wash the car in an automatic car wash. This will avoid particles such as sand and dust, from damaging the painted surface.
4. Only use a soft sponge to clean the vehicle. Do not use abrasive cleaning tools.
5. Remove insect remains, bird droppings, resins, tar spots, fuels and oil immediately. Avoid strong rubbing while cleaning the vehicle.
6. Any stickers applied to the paint work will leave a mark when removed.
7. Repairs to the paint work must be completed by an Aston Martin category A or B body shop.

Front Grille

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

Ceramic Brake Discs (Optional)

To avoid possible damage to the ceramic brake discs, when washing the road wheels with products or materials other than a mild soapy water solution always remove the wheels from the vehicle.

Road Wheels

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

Headlamp Lenses

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

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

Under Bonnet Cleaning

Under bonnet cleaning using high pressure hoses or steam cleaners should not be carried out. The electronic control module connections and fuse boxes can be damaged by indiscriminate use of high pressure cleaning equipment.

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.*

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

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

Do not use detergents, alcohol based cleaners, 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.

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

Use a soft microfibre cloth to remove dust and loose dirt from open pore wood trim panels.

Alcantara®¹ 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.

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

⚠ Caution: 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.

¹ Alcantara is the registered trademark of Alcantara SPA, Italy and used with permission

Convertible Roof Cleaning

⚠ Caution: *Do not leave the roof in the lowered (folded) position for extended periods of vehicle storage. Permanent damage to the convertible roof fabric may occur including soiling and fading along folds.*

⚠ Caution: *Do not use automatic vehicle washes. Brushes, detergents and pressurised water jets may damage the roof fabric. Do not use power washers. Jets of water may damage the weather seals and the roof fabric. Do not use spot cleaners, chemical diluents or any organic cleaners. If in doubt, contact your Aston Martin Dealer.*

To maintain the appearance and condition of the roof fabric the cleaning recommendations given below should be followed. This is of particular importance in the case of light coloured roof fabrics.

Always remove bird droppings as soon as possible. The organic acids in bird lime can adversely affect the roof fabric.

Carefully vacuum clean the roof fabric to remove any loose particles. Gently, and evenly, wash the roof fabric using a mild soap solution and a soft brush.



A hard brush will damage the fabric fibres.

Rinse the roof fabric thoroughly with clean water to remove any traces of soap. Allow the roof fabric to completely dry before operating the roof.

Vehicle Storage

If your vehicle is not to be used for periods in excess of three months it should be stored in a dry, well ventilated building. Before the vehicle is put into storage:

1. Drive the vehicle for a sufficient distance to warm the oil in the engine and the transmission to make sure that the internal components of the engine are lubricated.
2. Check the engine coolant level. Top up if necessary with the correct antifreeze solution.
3. To take the weight off the tyres, raise the vehicle with a jack and place supports under the front and rear suspension. If the vehicle is not raised from the ground, increase the tyre pressures to 3.4 bar. Cover the tyres to exclude any light. Rotate the wheels $\frac{1}{4}$ turn each month to avoid tyre flat spots.
4. Raise the roof¹.

 *Do not leave the roof in the lowered position for longer than necessary. In certain circumstances permanent soiling along folds may occur.*

5. If mains power is available, use a battery conditioner to maintain the battery in a fully charged state.

Once stored the below should be completed once a month:

1. Disconnect the battery conditioner (if connected).
2. Start and operate the engine until it is fully warmed up. Run the engine to 2000 rpm for a period of 1 minute.

 **Caution:** *Failure to allow the engine to warm up, or starting and stopping the engine, can cause irreparable damage to the engine. This will be subject to review and approval by Aston Martin in the event of warranty claims.*

3. Check there are no fluid leaks.
4. Set the ignition to off.
5. Connect a battery conditioner.
6. Check, and if necessary, correct the tyre pressures.

 *When you return the vehicle to normal service, set the tyre pressures to normal specification before driving on the road. Excessive sunlight and humidity can increase the vehicle temperature, which can cause damage to the vehicle interior and trim. If storing the vehicle in these conditions, Aston Martin recommend using a solar reflecting car cover to prevent any potential damage due to high temperatures.*

¹. Volante only.

Powertrain Specifications

4.0L V8 Engine

All alloy 32 valve V8 engine featuring:

- Dual twin-scroll turbochargers.
- Independent quad-variable camshaft timing.
- Engine stop/start.
- Twin water-to-air charge air coolers.

Engine Capacity

3982 cc (242 CID).

83 mm (3.26 inch) Bore.

92 mm (3.62 inch) Stroke.

Compression Ratio

8.6:1.

Firing Order

1 - 5 - 4 - 2 - 6 - 3 - 7 - 8.

Fuel delivery

Multi-point sequential fuel injection.

Ignition

'Coil on Plug' ignition system.

Lubrication

Wet sump pressurised system.

Emission Controls

Four oxygen sensors (two per bank) with four catalytic converters (two per bank).

Evaporative loss purge system.

Transmission

- Rear mounted ZF 8HP75 eight-speed automatic gearbox.
- Lateral transmission dampers.
- Cast aluminium torque tube with carbon fibre drive shaft.
- Electronically controlled locking differential with integrated coolant jacket.
- Front mounted transmission radiator with transmission mounted heat exchanger and pump.

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	3.083

Performance

Parameter	Value
Maximum Power / Engine Speed	680 PS 670 Bhp 500 kW at 6000 rpm
Maximum Engine Speed	7200 rpm
Maximum Torque / Engine Speed	800 Nm (590 lb.ft) between 2800 rpm and 5500 rpm
Maximum Speed (Where Permitted)	325 km/h (202 mph)
0-100 km/h (0-62 mph)	Coupe: 3.6 Seconds Volante: 3.7 Seconds

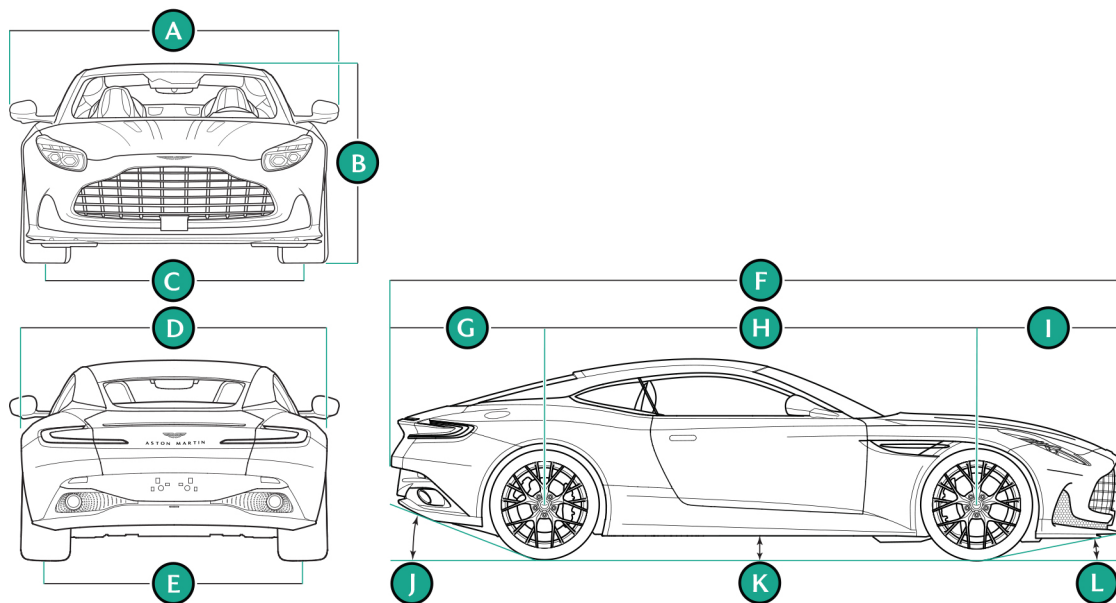
Dimensions

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	635 mm (25 Inches)
Couple Distance ₁	635 mm (25 Inches)
Effective Shoulder-room	1235 mm (48.5 Inches)

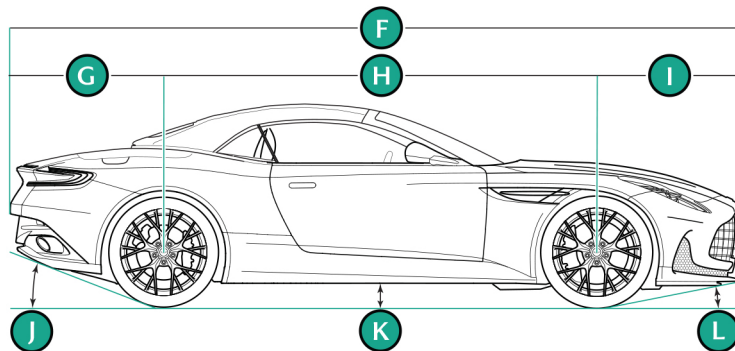
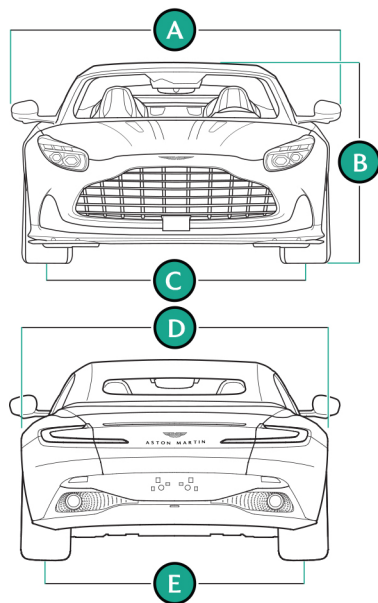
1. The couple distance is the distance between the hip point for the rear occupant and the hip point for the front seat occupant.

Vehicle Weights	Coupe	Volante
Unladen Mass	1820 kg (4010 lbs)	1930 kg (4255 lbs)
Gross Vehicle Weight (GVW)	2260 kg (4980 lbs)	2365 kg (5213 lbs)
Luggage Compartment Volume	280 Litres (10 Cu ft)	
Luggage Compartment Load	40 kg (90 Lbs) ₁	
Towing Capacity	Not Applicable ₂	

1. Maximum load, Evenly Distributed
2. 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.

External Dimensions***Coupe***

Volante



External Dimensions			
		Coupe	Volante
A	Width (with mirrors)	2135 mm	
B	Height	1295 mm	1305 mm
C	Front track	1665 mm	
D	Width (without mirrors)	1980 mm	
E	Rear track	1650 mm	
F	Overall length	4725 mm	
G	Rear overhang	995 mm	
H	Wheelbase	2805 mm	
I	Front overhang	925 mm	
J	Departure angle	20.5°	
K	Ground clearance	120 mm	
L	Approach angle	10.1° ¹	

¹. 10.0° if black or carbon fibre lower body package is installed.

Emergency and Breakdown

Vehicle Recovery

⚠ Caution: *When the vehicle is moved by transporter make sure that the vehicle is not strapped down by the suspension control arms.*

⚠ Caution: *Power braking and power steering are not available with the engine off. Substantially higher brake pedal pressures and steering effort are required.*

⚠ Caution: *If there is a transmission fault, this vehicle must be transported.*

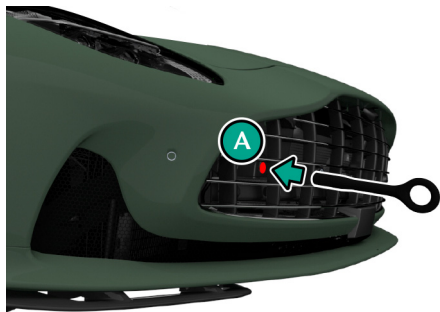
If the park brake was applied and the vehicle has lost power, the park brake will not release. Call Aston Martin Assistance or your local Aston Martin Dealer.

Your vehicle should always be recovered on a vehicle transporter¹ and should only be towed for **short distances**, for example, if it is causing an obstruction or if it requires winching onto a transporter.

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

If moving the vehicle in such a situation:

1. Insert the tow eye carefully through the grill and install to the exposed female threads (A) until fully engaged against the vehicle body.



 The tow eye has a left hand thread.

 Protect vehicle paint work when installing the tow eye.

2. When being towed, use the footbrake very gently when required, to prevent excessive slack in the tow rope.

Parklock

If the vehicle fails to start or has broken down, the automatic transmission will move into P (Park) to prevent unintended vehicle movement. The parklock will not release. Call Aston Martin Assistance.

Jump Start From Another Vehicle

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

 **Caution:** 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.

 **Caution:** 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

⚠ Caution: Remove rings, metal watch bands and any other jewellery.

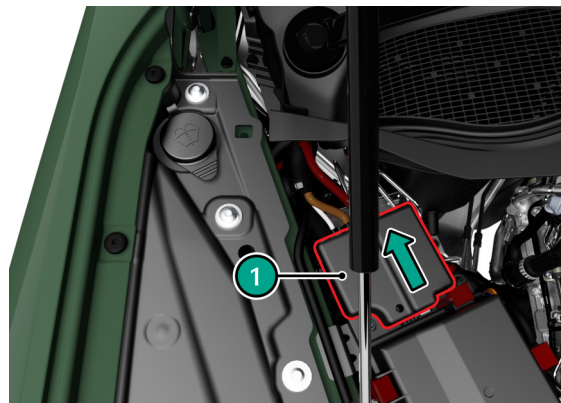
⚠ Caution: Set all electrical motors and ancillaries in both vehicles to off.

⚠ Caution: Set all lamps to off except those needed to protect vehicles or illuminate the work area.

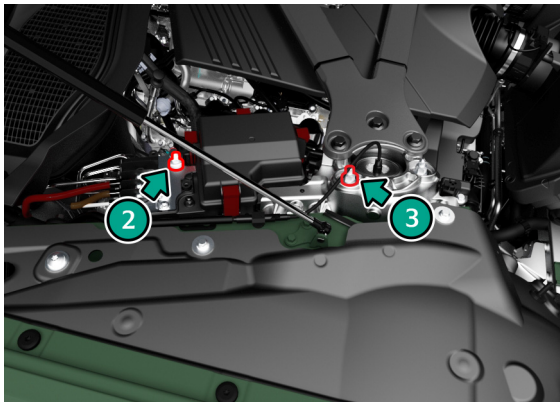
 Recharge time will depend on the initial 'state of health' of the discharged battery.

 If the vehicle still will not start, contact your Aston Martin Dealer.

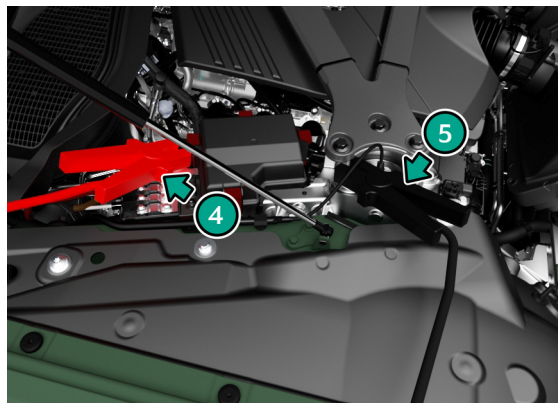
1. Position the donor vehicle so that the connecting cables will reach into the recipient engine bay. Apply the park brake and leave the engine running.
2. Access the jump start terminal in the recipient engine bay.
3. Slide the cover for main power fuse bank (1) off to access the jump start point.



4. Identify the positive (2) and negative (3) jump start points shown.



5. Connect the positive cable (4) between the positive terminal of the donor battery and the positive (+) jump point (2) on the main power feed.
6. Connect the negative cable (5) between the negative terminal of the donor battery and the suspension earth (-) nut (3).



7. Start the donor vehicle engine and increase the engine speed and run at about 1500 – 2000 rpm for two minutes¹.

¹. Charge time can depend on the battery state of the donor vehicle.

 *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 recipient engine 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 charged (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.

Vehicle Lifting

 **Warning:** Make sure that no persons are in the vehicle before the vehicle is lifted.

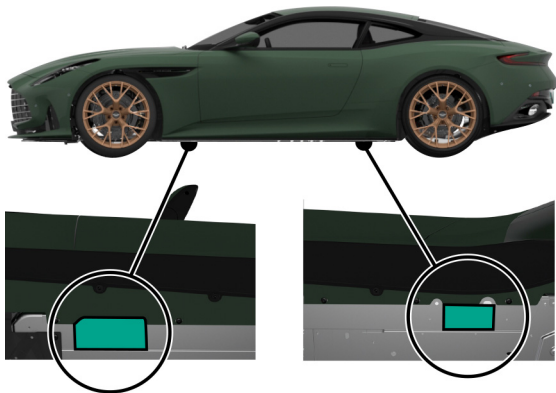
 **Warning:** Make sure that the park brake is applied and that the vehicle transmission is in P (Park).

 **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.



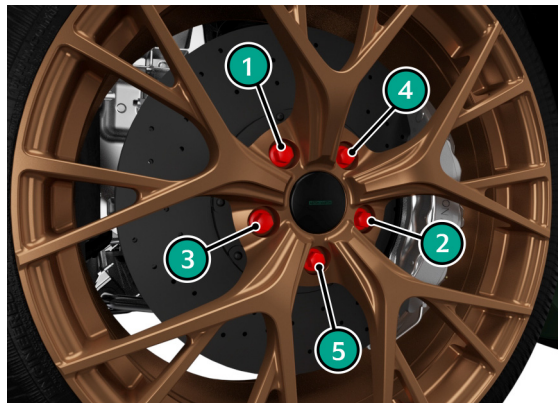
Wheel Bolt Torque

⚠ Caution: 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.

Tyre Repair Kit

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

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

 **Warning:** If a tyre pressure of 1.8 bar (26 Psi) cannot be reached then the tyre can not be sealed. Do not attempt to re-inflate the tyre. Contact your Aston Martin Dealer.

 **Warning:** If the pressure in the tyre after driving for 3 km is below 1.3 bar (19 Psi) the tyre has not been effectively sealed. The journey should not be continued. Contact your nearest Aston Martin Dealer.

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

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

 Inform the tyre specialist that the tyre contains sealant.

 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 tyre sealant kit from its location in the boot. Follow the instructions detailed on the lid.

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

 *It will be necessary to use two canisters (supplied) to repair a tyre on this vehicle.*

- Make sure that the vehicle is parked far enough from traffic so that there is no danger from passing vehicles and so that you do not disrupt the traffic. Warn other vehicles using the warning triangle.
- A maximum speed of 80 km/h (50 mph) may not be exceeded at any time after sealing the tyre with the system.
- The system provides only a **temporary emergency repair** for continuing the journey up to 200 km (125 miles) or to the nearest Aston Martin Dealer.

- If the nearest Aston Martin Dealer is over 200 km (125 miles) away, arrange for collection with Aston Martin Assistance¹ or contact your Aston Martin Dealer.
- The system will effectively seal a tyre that was punctured by an object with a diameter of up to 6 mm. It is possible that a tyre, especially with greater damage, will not be sealed. Do not remove objects that punctured the tyre if they are still lodged in the tyre.
- The sealant bottle needs to be exchanged before it expires. **Do not** use the system after the expiry date on the sealant bottle or casing has been reached. Contact your nearest Aston Martin Dealer.
- Do not attempt to inflate other objects without using a system adapter and do not inflate objects with a volume greater than 50 litre (air mattresses, rubber boats, etc.). Do not let the system pump air for more than 10 minutes without stopping it and allowing it to cool down.

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

¹. Where available

Fuel

 *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 fuel flap will not open use the fuel 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, make sure that any debris which may block the pipe is removed.

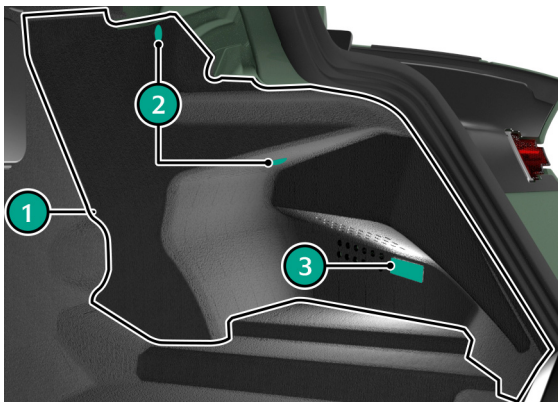
Fuel Cut-Off

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.

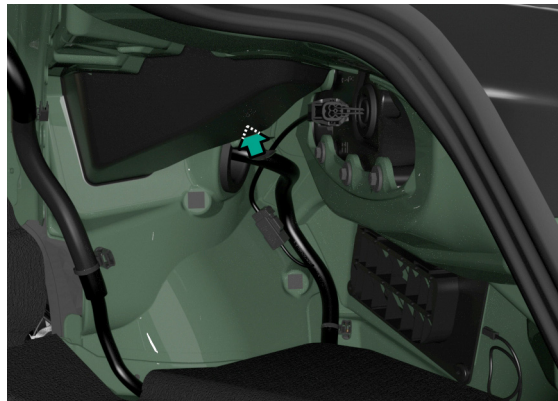
Fuel Flap Emergency Release

To manually unlock the fuel flap:

1. 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.



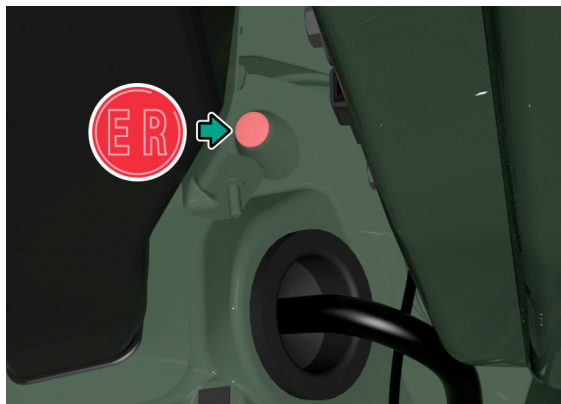
2. Reach behind the right side deck lid hinge.



Software Updates

3. Pull the emergency release (ER) tab to unlock the fuel flap.

! Caution: *The emergency release cable only unlocks the fuel flap. It does not open the fuel flap. Do not pull too hard on the emergency release cable as this can cause the emergency release cable to snap.*



4. Open the fuel flap by pressing down on the rear edge of the fuel flap.

 *Download speed can vary by geographical location.*

 *Notification of available updates will not be given in the main infotainment system. This is only given in the System Settings menu.*

To have your vehicle operate at its best, there may be software updates that need to be installed on the infotainment. When a software update is available this will be shown as a notification on the **Software** screen in **System Settings** (Refer to 'Software', page 12.8).

Update Process

 *Installation time can take between 10 and 15 minutes.*

To start a software update, tap the install button on screen and the software will be installed. For the installation to begin, the below conditions must be met:

- Vehicle ignition must be on.
- The vehicle battery must be above 80% charged.
- The vehicle must be stationary.
- The transmission must be in P (Park).
- No ongoing eCall session.

If the above conditions are met then a legal disclaimer will be shown which must be agreed to continue. If there are any conditions that affect the vehicle such as a change to the selected drive mode being restricted, this will also be shown.

Once complete, a message will be shown to inform you of successful installation.

To fully complete the update installation, the system must complete a sleep cycle. This can be done by:

- Shutting the vehicle down for more than 20 minutes.
- Pressing and holding the volume roller switch in the centre console.



Service

Aston Martin Dealers	A.2
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Servicing.....	A.5
Service Record.....	A.7
Replacement of Airbag Units.....	A.29
Replacement of Seat Belt Pre-tensioners.....	A.29
Brake Disc Check.....	A.30
Campaign Record	A.33

Aston Martin Dealers

A full list of Aston Martin Dealers 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.



Aston Martin Dealers are also available as a point of interest (POI) in the satellite navigation system.

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 authorised to carry out warranty work.

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

Fifth Owner
Selling Dealer
Delivery Date

Fourth Owner
Selling Dealer
Delivery Date

Sixth Owner
Selling Dealer
Delivery Date

Servicing

Service Tables

Vehicle servicing is annual or at the distance specified in the oil service table, whichever occurs first.

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.

Item

Annual Service Inspections

Examine the condition, operation, adjustment and attachment of the below items:

Engine and transmission mounting system. Check for leaks.

Accessory drive belt for wear or damage.

Fuel system. Examine for leaks and wear.

Cooling system. Examine for leaks.

Air conditioning system.

Drive shafts.

Wheel arch liners and under body protection.

Suspension and steering system. Examine for leaks and wear.

Brake system including park brake. Examine for leaks and wear.

Wheels, tyres and tyre pressure monitoring system. Check tyre pressures and adjust as necessary.

Exhaust system, heat shields and bypass valves. Check for leaks.

Lamp units and the vehicle horn.

Windscreen wiper blades and wash system including fluid levels and adjust accordingly. Examine for leaks and wear.

Occupant restraint systems including airbags, seatbelts and child seat attachment points.

Locks, latches and hinges. Check powered openings such as tailgate for correct operation. Lubricate any joints as necessary.

Instrument cluster and warning symbols.

A.6 Service

Item	Interval
Fluids and Consumables	
Replace the engine oil and filter.	Refer to Table
Replace the spark plugs.	64,000 km / 40,000 miles
Replace engine coolant.	6 Years
Replace the air filters.	48,000 km / 30,000 miles
Replace the pollen filter (optional).	2 years
Replace the brake fluid.	2 years
Check and adjust the oil level in the rear differential.	Annual
Replace the oil in the rear differential.	64,000 km / 40,000 miles

Oil Service Tables

	Service Interval
Austria	16,000 km / 10,000 miles
Azerbaijan	15,000 km / 9,300 miles
Belgium	16,000 km / 10,000 miles
Denmark	16,000 km / 10,000 miles
France	16,000 km / 10,000 miles
Germany	16,000 km / 10,000 miles
Great Britain	16,000 km / 10,000 miles
Greece	16,000 km / 10,000 miles
Hungary	16,000 km / 10,000 miles
Italy	16,000 km / 10,000 miles
Latvia	16,000 km / 10,000 miles
Lithuania	16,000 km / 10,000 miles
Luxembourg	16,000 km / 10,000 miles
Netherlands	16,000 km / 10,000 miles
Norway	16,000 km / 10,000 miles
Poland	16,000 km / 10,000 miles
Portugal	16,000 km / 10,000 miles
Romania	15,000 km / 9,300 miles
Spain	16,000 km / 10,000 miles
Sweden	16,000 km / 10,000 miles
Switzerland	16,000 km / 10,000 miles
Turkey	15,000 km / 9,300 miles
Ukraine	15,000 km / 9,300 miles

Service Pack

The vehicle service pack, where available, covers the cost of a predefined number of services¹ as defined by the service schedule and includes all the parts necessary to complete the service. The service pack is available to add up until your vehicle's first service. Fluid top ups between services, wear and tear items and additional checks and adjustments are not covered by the vehicle service pack. Service packs are transferable to a new owner if the vehicle is sold, up until the end of the service plan period. For more information, contact your Aston Martin Dealer.

¹ Period of cover, as well as terms and conditions, may vary by region and model.

Service Record

The following service records cover the regular annual services or at the specified distance intervals (which ever occurs first). Make sure that each service entry is stamped and signed as completed.

Vehicle Model:

Registration Number:

Vehicle Identification Number (VIN):

Delivery Date:

Free Pre-delivery Inspection

Service Actions Checked:	Yes / No
Open Service Actions Completed:	Yes / No
Signature:	
Date:	

Service Information

Odometer:

Technician Name:

Date:

Next Service Due:

Authorised 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

Service Information

Odometer:

Technician Name:

Date:

Next Service Due:

Authorised 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

Service Information

Odometer:

Technician Name:

Date:

Next Service Due:

Authorised Dealer Stamp

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Service Advisor Signature:

Service Details

Service Actions Checked: Yes / No

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Pollen Filter Changed: Yes / No

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Anti Corrosion Inspection: Yes / No

Fluids Changed:

Additional Service Information

Service Information

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Date:

Next Service Due:

Authorised Dealer Stamp

Service Advisor Name:

Service Advisor Signature:

Service Details

Service Actions Checked: Yes / No

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Pollen Filter Changed: Yes / No

Spark Plugs Changed: Yes / No

Anti Corrosion Inspection: Yes / No

Fluids Changed:

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Fluids Changed:

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Fluids Changed:

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Fluids Changed:

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Anti Corrosion Inspection: Yes / No

Fluids Changed:

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Fluids Changed:

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Fluids Changed:

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Service Advisor Signature:

Service Details

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Spark Plugs Changed: Yes / No

Anti Corrosion Inspection: Yes / No

Fluids Changed:

Additional Service Information

Service Information

Odometer:

Technician Name:

Date:

Next Service Due:

Authorised 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:

Brake Disc Check

At each brake pad change (per axle), the ceramic brake discs are required to be cleaned, dried and weighed. Record the date of each brake pad change and disc weight.

Brake Pads Changed - Brake Discs Checked

Disc Weight (Front Axle):	kg	kg
---------------------------	----	----

Disc Weight (Rear Axle):	kg	kg
--------------------------	----	----

Odometer:

Signature:	Date:
------------	-------

Brake Pads Changed - Brake Discs Checked

Disc Weight (Front Axle):	kg	kg
---------------------------	----	----

Disc Weight (Rear Axle):	kg	kg
--------------------------	----	----

Odometer:

Signature:	Date:
------------	-------

Brake Pads Changed - Brake Discs Checked

Disc Weight (Front Axle): kg kg

Disc Weight (Rear Axle): kg kg

Odometer:

Signature: Date:

Brake Pads Changed - Brake Discs Checked

Disc Weight (Front Axle): kg kg

Disc Weight (Rear Axle): kg kg

Odometer:

Signature: Date:

Brake Pads Changed - Brake Discs Checked

Disc Weight (Front Axle): kg kg

Disc Weight (Rear Axle): kg kg

Odometer:

Signature: Date:

Brake Pads Changed - Brake Discs Checked

Disc Weight (Front Axle): kg kg

Disc Weight (Rear Axle): kg kg

Odometer:

Signature: Date:

Brake Pads Changed - Brake Discs Checked

Disc Weight (Front Axle): kg kg

Disc Weight (Rear Axle): kg kg

Odometer:

Signature: Date:

Brake Pads Changed - Brake Discs Checked

Disc Weight (Front Axle): kg kg

Disc Weight (Rear Axle): kg kg

Odometer:

Signature: Date:

Brake Pads Changed - Brake Discs Checked

Disc Weight (Front Axle): kg kg

Disc Weight (Rear Axle): kg kg

Odometer:

Signature: Date:

Brake Pads Changed - Brake Discs Checked

Disc Weight (Front Axle): kg kg

Disc Weight (Rear Axle): kg kg

Odometer:

Signature: Date:

Aston Martin Warranty

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Vehicle Warranties

Aston Martin gives a Warranty for each new Aston Martin vehicle and each replacement vehicle or assembly manufactured or supplied by the Company to be free from defects in material and workmanship under normal use and service for the applicable Warranty period.

The warranties provided herein are for the benefit of the original purchaser and any subsequent owner during the relevant Warranty Period (defined below) in the Serviced Countries (defined below).

An Aston Martin vehicle is built and homologated to support the Region for which it is manufactured and is compliant with the local regulatory requirements of that Region. As a result, the warranties cover Aston Martin vehicles that are built for and supplied to the Region.

 *Warranty is only valid for region the vehicle is built for. If the vehicle is imported or exported to another region the warranty will no longer be valid.*

For the purposes of this Owner's Guide, Region means one of the following territories:

- The Americas; or
- United Kingdom, Europe, Russia, Ukraine and South Africa; or
- Middle East, North Africa, and Turkey; or
- Asia Pacific; or
- China; or
- Any other market that does not have an authorised Aston Martin Dealer

'Serviced Countries' means either: (a) any country in the Region from which your Aston Martin vehicle was purchased, where there is an Aston Martin authorised dealer or repairer; or (b) any country agreed in writing with Aston Martin.

 *Tyres are covered separately by the tyre manufacturer. Dealers are expected to offer assistance to the customer in pursuing a claim against the tyre manufacturer.*

Exchange Parts Under Warranty

New parts will only be used for repairs at PDI and during the first three months or 5000 km/3000 miles (which ever occurs first) from the date the vehicle is handed over to the first retail customer. Thereafter exchange parts must be used where available under Aston Martin's exchange plan.

Anti Perforation Corrosion Protection Warranty

The vehicles bodywork is protected by an Anti Perforation Corrosion Warranty. Should any part of the bodywork of the Aston Martin vehicle be perforated, the panel(s) affected by the perforation will be repaired or replaced.

The term 'perforation' means a hole that penetrates through a body panel from the inside.

Warranty Period

The period of cover for all types of warranty commences on the day the vehicle is handed over to the first registered keeper of the car (first registered keeper shall mean the Dealer in the context of demonstration vehicles).

The Vehicle Warranty period of cover is three years with unlimited mileage.

The Anti-Perforation Corrosion Warranty period of cover is ten years with unlimited mileage.

Who May Repair the Vehicle

Franchise Holders or Approved Repairers, who are appointed and receive full technical support from Aston Martin, provide facilities for the servicing and repair of Aston Martin motorcars. Only such Franchise Holders or Approved Repairs will under the terms of this warranty, repair replace or readjust, free of charge to the owner, any part or assemble proved to Aston Martin's satisfaction to show a defect in materials or workmanship within the applicable period.

Wear and Tear Items

Items that are subject to wear and tear are generally divided into two categories, namely those specified for replacement or adjustment during scheduled maintenance and those that require replacement or adjustment dependent upon conditions of use.

Scheduled Maintenance Items

The items listed below are covered by the Vehicle Warranty up to the first scheduled change point that replacement or adjustment is required during scheduled maintenance operations. The service chapter sets out such scheduled maintenance operations.

- Drive belts
- Spark plugs
- Oil, air, pollen and fuel filters.

 *The period of warranty cover for any item may not exceed the time and distance limitation of the vehicle warranty.*

Wear and Tear Items

The items listed below are recognised as having a limited service life or are subject to wear or damage. However, these items are covered by the vehicle warranty for up to one year or the first service, whichever ever occurs first.

- Wiper blades.
- 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.
- Vehicle key batteries.

 *Brake pads, brake discs and other friction related components are not covered when replacement is due to wear and tear, but they are covered against manufacturing defects (whether in material or workmanship) for the duration of the Vehicle Warranty.*

Consumables

Replacement or top up of consumable fluids, e.g. oils, antifreeze, brake fluid, windscreen wash solution and refrigerant, will only be covered when they are used as part of a warranty repair.

What is Not Covered

Commercial Use

These warranties do not cover any part that malfunctions, fails or is damaged due to commercial use of the vehicle. Aston Martin reserves the right to cancel any manufacturer-issued warranty upon proof that the vehicle has been used for commercial use. Commercial use includes, without limitation, the leasing of the vehicle for hire, in return for rental payment and leasing on any peer-to-peer car rental apps or websites.

Vehicle Warranty

Aston Martin is **not** responsible for any repair or replacement that is required as a direct result of:

- Normal wear and tear.
- Friction related components, such as brake pads and brake discs.
- Failure to properly maintain the vehicle in accordance with Aston Martin's maintenance schedules and service instructions.

-
- Failure to use Aston Martin specified parts or fluids during a warranty repair (or parts of equivalent quality during a retail repair).
 - Damage resulting from neglect, accident, fire, flooding or improper use.
 - Any modification of the vehicle or parts which is not authorised by Aston Martin, including any engine performance enhancement modifications.
 - Refilling or topping up with incorrect fuel, e.g. diesel instead of petrol.
 - Use of bio ethanol alternative fuels.
 - Use of a fuel not approved or recommended by Aston Martin in the Owner's Guide is considered misfuelling, and that any damage resulting from misfuelling is not covered by the vehicle warranty.
 - Defects occurring on vehicles which have been used in motorsport or track events (other than events organised by Aston Martin Lagonda Ltd).
 - Defects related to any vehicle use other than normal private use.
 - Any vehicle that has had its vehicle identification number altered or removed, or on which the odometer reading has been unlawfully altered.

Paint Surface and Corrosion Protection

Aston Martin is not responsible for any repair or replacement that is required as a direct result of the following:

- Failure to properly maintain paint and bodywork by regular cleaning in accordance with Aston Martin instructions.
- Factors beyond Aston Martin's control, such as environmental hazards (including industrial fallout, storm damage, acid rain) and damage (including stone chips, scratches and use of unsuitable cleaning agents).
- Accident repairs using materials or methods of repair that have not been approved by Aston Martin.
- Alterations of the vehicle from Aston Martin's original specification.
- Failure to rectify on a timely basis any paint or corrosion damage as recorded in the vehicle documentation by a dealer at the time of the annual inspection.

Other Exclusions

- The Aston Martin warranty excludes liability for any lost time, inconvenience, loss of transportation, or any other incidental or consequential damage you (or anyone else) may incur as a result of a defect covered by this warranty.
- The Aston Martin Warranty does not cover vehicles that have been determined as a Total Loss by an insurance company or other official body or have clear evidence of accident damage.

Customer Responsibility

This handbook describes the proper care and use of the vehicle. Proper maintenance and use guard against major repair expenses resulting from misuse, neglect or inadequate maintenance, and may help increase the value that the customer may receive when selling the vehicle.

The Customer is responsible to:

- Make sure that the vehicle is maintained in accordance with the vehicle service and maintenance guide published in the customer literature. Failure to perform maintenance promptly and in accordance with Aston Martin's specified service intervals will invalidate warranty coverage on the parts affected.
- The customer is required to take the vehicle to a dealer for any warranty repairs as soon as practicable after a defect is detected.
- Make sure that the Service and Maintenance schedule has been stamped by the servicing dealer after the completion of a scheduled service operation.
- Make sure that paint and bodywork is maintained by regular cleaning in accordance with the vehicle manufacturer's instructions.
- Make sure that the body panels are examined annually by an authorised Aston Martin Dealer and that this inspection is recorded in the Owner's Handbook.

Warranty Coverage when Touring

Aston Martin has a comprehensive service network in most parts of the world. Any authorised Aston Martin Dealer can carry out repairs under the terms of the vehicle warranty. Under normal circumstances, the customer should not be required to pay for any warranty work performed by an Aston Martin Dealer.

It is the customer's responsibility to produce the warranty documentation issued with the new vehicle. This establishes the customers right to warranty coverage and the relevant maintenance and service records. If the customer is unable do so, the dealer should seek advice from Aston Martin.

Aston Martin Extended Warranty

Aston Martin Extended Warranty is specifically designed to provide the customer with first class after-sales protection from unexpected repair costs when the vehicle warranty has expired, and the knowledge that your Aston Martin will be repaired by trained technicians using only genuine Aston Martin parts.

Contact your Aston Martin Dealer for more information on the benefits and protection provided by the Aston Martin Extended Warranty.

Consumer Law

The Warranty is a manufacturer's warranty that supplements and does not affect the Owner's legal rights under the vehicle purchase agreement or under applicable national legislation governing the sale of consumer goods.

Owner And Vehicle Details

Name:

Address:

:

:

:

Post Code:

Signature:

Date:

Dealer Stamp

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

Owner Warranty Transfer (2)

VIN No.:

Odometer:

Date of Purchase:

Name:

Address:

:

:

Post Code:

Telephone No.:

Email Address:

Signature:

Date:

Owner Warranty Transfer (1)

VIN No.:

Odometer:

Date of Purchase:

Name:

Address:

:

:

Post Code:

Telephone No.:

Email Address:

Signature:

Date:

--	--

Owner Warranty Transfer (4)

VIN No.:

Odometer:

Date of Purchase:

Name:

Address:

:

:

Post Code:

Telephone No.:

Email Address:

Signature:

Date:

Owner Warranty Transfer (3)

VIN No.:

Odometer:

Date of Purchase:

Name:

Address:

:

:

Post Code:

Telephone No.:

Email Address:

Signature:

Date:

Owner Warranty Transfer (6)

VIN No.:

Odometer:

Date of Purchase:

Name:

Address:

:

:

Post Code:

Telephone No.:

Email Address:

Signature:

Date:

Owner Warranty Transfer (5)

VIN No.:

Odometer:

Date of Purchase:

Name:

Address:

:

:

Post Code:

Telephone No.:

Email Address:

Signature:

Date:



Aston Martin Assistance

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Emergency Assistance

As the owner of an Aston Martin vehicle you should enjoy a high standard of trouble free motoring. However, should the unexpected occur, our worldwide Dealer network is there to help you. Details and contact telephone numbers are shown in the Dealer Directory. In the UK and specific countries within Europe, a special additional emergency service, known as '**Aston Martin Emergency Assistance**', has been designed to provide you and your passengers with the help you need quickly and efficiently should your vehicle suffer a Breakdown Incident ¹.

Vehicles Covered

The benefits of Aston Martin Emergency Assistance are applicable to new and approved pre-owned Aston Martin vehicles purchased from an authorised Aston Martin Dealer. Refer to www.astonmartin.com for a list of authorised Aston Martin Dealers.

At completion of your purchase, your Aston Martin Dealer will register your vehicle for Aston Martin Emergency Assistance. From registration, your vehicle will be entitled to Aston Martin Emergency Assistance (the '**Vehicle**'). For more details of what constitutes an eligible Vehicle, and term of cover, please refer to the Schedule.

Owners of eligible Vehicles can also obtain Aston Martin Emergency Assistance when travelling temporarily outside their Country ², within Europe.

¹. A **Breakdown Incident** means an event where an eligible Vehicle is immobilised due to a breakdown in circumstances where it qualifies for Aston Martin Emergency Assistance, including home-starts or broken glass. Furthermore, Aston Martin Emergency Assistance covers you in the event of safety related defects, which render the Vehicle illegal to drive. These defects relate to, for example, failure of the seat belts, windscreen wipers, direction indicators, front and rear lamps.

². '**Country**' means the country in which your Vehicle is registered.

Europe is defined as:

Andorra, Austria, Belgium, Bosnia- Herzegovina, Bulgaria, Crete, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Gibraltar, Greece, Hungary, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Monaco, Morocco, Netherlands, Norway, Poland, Portugal (not Madeira), Republic of Ireland, Romania, Russia, San Marino, Slovakia, Slovenia, Spain (including the Balearic and Canary Islands), Sweden, Switzerland, Turkey (European part), Ukraine, and Vatican City (Rome).

United Kingdom (UK) is defined as:

England, Scotland, Wales, Northern Ireland, Channel Islands and Isle of Man.

Benefits

The service provider, appointed by Aston Martin to provide the Aston Martin Emergency Assistance services (the 'Service Provider') will provide the following benefits dependent on requirements to entitled Vehicles in both the home Country and Europe as defined.

Roadside Assistance

The Service Provider's Agent vehicle should promptly arrive with you after your call has been placed. You may also book an appointment for a convenient time.

Aston Martin Emergency Assistance shall provide you with updates on its estimated time of arrival via your preferred communication method.

If following a Breakdown Incident in an area of coverage, your journey cannot be completed, and where the Vehicle cannot be repaired at the roadside, Aston Martin Emergency Assistance shall organise recovery of the Vehicle, including any luggage contained in the Vehicle at the time. Your Vehicle and luggage shall be transported to the nearest Aston Martin Dealer, without distance or financial limitation.

If the Vehicle cannot be repaired at the roadside or at your home address within a reasonable time period (45 minutes), the Service Provider will take you, the Vehicle and your passengers to the nearest Aston Martin Dealer. In the event that you (or your passengers) need to keep an important appointment, you will be taken there before the disabled Vehicle is transported to its required destination.

Should the Breakdown Incident occur outside of workshop hours, Aston Martin Emergency Assistance shall arrange for secure storage of the Vehicle until the next working day. The Vehicle shall arrive at the Dealer by midday on the next day.

If the nearest Dealer, to where the eligible Vehicle has been towed, is able to carry out the repairs at its premises, then the Vehicle will be repaired there.

Once the Vehicle is at a Dealership for repair, Aston Martin Emergency Assistance will keep in contact with the Dealer to follow the progress of the repair, and if necessary, arrange any extension of a replacement vehicle with Aston Martin Customer Service.

Home Start

Aston Martin Emergency Assistance will provide all the benefits of Roadside Assistance at the Vehicle's registered address.

Recovery

If Aston Martin Emergency Assistance cannot repair your Vehicle at the roadside, the Service Provider will arrange recovery of you and your Vehicle to the nearest Aston Martin Dealer.

If your Vehicle has been involved in an accident or has gone off the road and needs to be salvaged before towing, Aston Martin Emergency Assistance will charge you for services on a 'Pay for Use' basis and you may be able to claim these back from your insurance company.

You will be covered for costs of recovery and towing (including any handling fee) but you may be charged for any costs incurred if the Vehicle is, for example, disabled by floods or snow-affected roads, is embedded in sand or mud, or is not easily accessible.

If your Vehicle cannot be repaired and / or recovery is initiated to an Aston Martin Dealer, the Service Provider will provide alternative travel options for you. You will be entitled to receive one of the following additional services:

- An alternative replacement vehicle for up to two working days in your Country, or 14 days if the Breakdown Incident occurs outside your Country (a collection and delivery service, or equivalent, is available from chosen suppliers subject to availability and supplier's terms and conditions).
- Onward transportation.
- Overnight accommodation.

Vehicle Collection Following Repair

Following repairs organised by Aston Martin Emergency Assistance, the cost of a first class rail ticket or (if rail transport would normally exceed six hours) a business class air ticket will be met to permit you or a person you designate to collect the repaired Vehicle. Alternatively, arrangements can be made for your Vehicle to be returned to your home or business address, whichever is the nearest to the repairing Dealer. Alternative addresses closer to the repairing Dealer may also be considered.

Alternative Travel Arrangements

If the Service Provider estimates that the repairs to your Vehicle will take more than eight hours, the Aston Martin Emergency Assistance will cover your reasonable costs for alternative necessary travel, including for members of your party.

Reasonable additional expenses shall be covered for one or a combination of the following:

- Alternative replacement vehicle costs to a maximum of two working days in your Country and up to 14 days outside your Country.
- Air fares (business class ticket).
- Rail fares (first class ticket).
- Local taxi fares.
- Any other transport equivalent to first class rail fares.

Replacement Vehicle

If following a Breakdown Incident:

- Your Vehicle is immobilised.
- Roadside repairs are unsuccessful.
- If repair of the Vehicle is not possible within the same day after towing to the Dealer.

Aston Martin Emergency Assistance will organise free of charge, an alternative replacement vehicle for you until completion of the repairs. The replacement vehicle will include fully comprehensive insurance ¹, with an option to upgrade to include collision damage waiver.

The loan of this alternative replacement vehicle will not exceed two working days (in your Country) or, if the Breakdown Incident occurred outside your Country, 14 days plus two working days after your return to your home country.

Aston Martin Emergency Assistance aim to make sure that the alternative replacement vehicle is a suitable vehicle for you. Specially adapted replacement vehicles will not be provided.

The alternative replacement vehicle will be delivered to you, where possible, but if you prefer, taxi costs for collecting the alternative replacement vehicle, will be met by Aston Martin Emergency Assistance.

You will be responsible for fuelling and basic maintenance of the alternative replacement vehicle, while under your care. You will also be responsible for paying any deposit required by the vehicle Hire Company.

Once the repair on your Vehicle is complete, the alternative replacement vehicle will then either be returned to the vehicle Hire Company or collection will be arranged where possible, at your request.

¹. Unless the driver is under 21 years of age, where there may be an additional charge incurred.

If the alternative replacement vehicle has been kept beyond the term of the permitted loan period (as noted above), you will be responsible for any additional charges incurred for the extended period. If you cannot fulfil the nominated vehicle hire terms and conditions, or circumstances prevent you from qualifying to hire the vehicle, and alternative mobility arrangements are more appropriate, then onward travel arrangements or hotel accommodation will be provided instead. The vehicle hire agreement will be between you and the relevant supplier and will be subject to that supplier's Terms and Conditions. These will usually require or include (amongst other things):

- Production of a full driving licence valid at the time of issue of the hire vehicle.
- Limits on acceptable endorsements.
- Limitations on the availability and, or engine capacity of the replacement vehicle.
- A deposit, e.g. for fuel.
- Drivers to be aged at least 21 years depending on Country, and to have held a full driving licence for at least 12 months.

Onward or Home Journey

If following a Breakdown Incident that occurs more than 80 km (50 miles) from your place of residence, your Vehicle cannot be repaired at the roadside on the same day of the Breakdown Incident, Aston Martin Emergency Assistance will cover:

- The costs of the journey from the place of the Breakdown Incident to the nearest Dealer.
- The costs of a replacement vehicle as outlined above.
- Where necessary, taxi costs for one journey to the nearest accessible train station or airport, for you and any passengers.
- Where necessary, the costs of a first class train journey for you and any passengers. If the train journey exceeds six hours, the cost of a scheduled flight (Business Class) for you and any passengers.

Aston Martin Emergency Assistance will reimburse you for reasonable costs incurred relating to the above, upon receipt of a claim letter from you, detailing the circumstances of the claim, along with receipts for all transport costs claimed. All claim letters must be directed to Aston Martin Emergency Assistance at Aston Martin Customer Service, Aston Martin Lagonda Limited, Banbury Road, Gaydon, Warwick, CV35 0DB. Only costs directly connected with the Breakdown Incident will be covered.

The refund process to you shall be managed by Aston Martin Emergency Assistance.

Repaired Vehicle Re-delivery

Aston Martin Emergency Assistance will attempt to contact you within 24 hours of successful repair at the Dealer in order to arrange re-delivery of the repaired Vehicle to either your home or place of work, as you request. Alternative addresses closer to the Repairing Dealer may also be considered.

Hotel

If following a Breakdown Incident that occurs more than 80 km/50 miles from your place of residence, and your Vehicle cannot be repaired at the roadside on the day of the Breakdown Incident, accommodation costs for you and your passenger(s) shall be covered for the duration of the repair, for up to a maximum of two nights if the Breakdown Incident occurs in your Country, or seven nights if the Breakdown Incident occurs outside your Country. You shall be responsible for any excess costs.

Repatriation of Un-repaired Vehicle from Abroad

If the Vehicle cannot be repaired by Aston Martin Emergency Assistance within an agreed time schedule (three working days), the costs for transporting the Vehicle and its contents from the Dealer to the home Country Dealer, will be covered by Aston Martin Emergency Assistance.

Aston Martin Emergency Assistance shall arrange the safe repatriation of the Vehicle at the least cost, while respecting the need to deliver the Vehicle to the home Dealer within 14 consecutive days.

Aston Martin Emergency Assistance will cover the costs for parking the Vehicle, pending repatriation or import.

What To Do In An Emergency

Should assistance be required in the unlikely event of a Breakdown Incident, simply contact Aston Martin Emergency Assistance using the relevant telephone number listed below.

 *It may be helpful to have the relevant telephone numbers entered into your mobile phone 'phone book'.*

00 800 28 86 28 86 ¹

+44 208 603 9875

When connected, enter the 2 digit number as prompted for your home country. Please do not make your own arrangements as Aston Martin Emergency Assistance will be not be able to reimburse you. If you are in a remote location and need assistance, the time taken to receive the assistance may be longer because of distance and local restrictions.

Vehicle Identification and Location

To minimise delay, please have the following information available:

- Your name.
- Aston Martin model.
- The Vehicle Identification Number (VIN). The last six digits from the VIN label in the corner of the windscreen.
- The location of the vehicle.
- Vehicle registration number and colour.
- Telephone number where you can be contacted.
- Description of the concern experienced.

¹. Calls from landlines shall be free. Calls from mobile phones will be charged at standard mobile network rates.

European Autoroute Restrictions

If assistance is required on a French Autoroute or on certain Autoroutes in other European countries, you must use the official SOS boxes at the side of the road in order to arrange initial assistance or recovery. You will be connected to the authorised Autoroute Assistance Service because these roads are privatised. Neither Aston Martin Emergency Assistance nor any other assistance organisations are allowed to assist on these roads.

Once your Aston Martin has been recovered from the Autoroute, you should contact Aston Martin Emergency Assistance at the earliest opportunity to make sure that any further assistance arrangements you require can be made on your behalf.

Aston Martin Emergency Assistance will advise you how to reclaim costs incurred for recovery from the Autoroute.

What is not Covered

Aston Martin Emergency Assistance is thorough and comprehensive; however, claims cannot be met as a result of any of the following:

1. Where you, or anyone else acting on your behalf, make repair or service arrangements without authorisation (and a file number) from Aston Martin Emergency Assistance.
2. Where any loss, theft, damage, death, bodily injury, cost or expense that is not directly associated with the incident that caused you to claim, unless expressly stated in this policy.
3. If the Breakdown Incident is due to fire, theft, accident or vandalism, your costs will not be covered by Aston Martin Emergency Assistance but should be met by third party insurance covering the incident.
4. Damage or injury intentionally caused by you or resulting from your participation in a criminal offence.
5. If your Vehicle is kept in an un-roadworthy condition or has not been serviced in accordance with the Manufacturer's recommendations.
6. Any costs that would have been payable by you, such as petrol, toll charges, parking fees, cost of meals, drinks, telephone calls and/ or newspapers or any other costs not specifically stated as being covered by Aston Martin Emergency Assistance, which may be incurred by you and/ or the other members of your party as a result of and/ or in connection with the Breakdown Incident.

-
7. Release fees: Should your Vehicle be stolen and subsequently recovered by the police, you may be asked to pay a release fee before we can remove your Vehicle to an authorised Aston Martin Dealer.
 8. Specialist charges: In the event that the use of specialist equipment is required to give assistance when your Vehicle has, for example, gone off the road, is in a ditch, is standing on soft ground, sand, shingle, stuck in water or snow or has been immobilised by the removal of its wheels, we will arrange recovery but you will be responsible for the costs of any specialist equipment required. The costs may be refundable under the terms of your motor insurance policy.
 9. Adverse weather conditions: On those occasions when we experience adverse weather conditions, such as high winds, snow, floods, etc., external resources may be stretched and some operations become physically impossible until the weather improves. At such times, our priority is to make sure that you and your passengers are taken to a place of safety and so the recovery of your Vehicle may not be possible until weather conditions permit.
-
10. Customer induced breakdown incidents are not covered under Aston Martin Emergency Assistance. However, Aston Martin and the Service Provider will, at their sole discretion, assist you if you request it. However we are not obligated to provide assistance and you shall be responsible for any charges resulting from any assistance given caused by a customer induced fault. In such circumstances, a swipe card deposit may be taken by the Service Provider. Assistance in such circumstances will not include additional benefits (replacement vehicle, onward journey, hotel accommodation). Customer induced faults may include, for example, the following:
 - Lock-outs / lost keys
 - Broken keys
 - Discharged battery
 - Running out or loss of fuel
 - Use of wrong fuel (no replacement at the location of breakdown, only towing)
 - Tyre damage
 - Road traffic accidents.

-
11. Lockout / lost keys: Whilst we will always try to provide assistance by the most practical method, should you be unable to gain entry to your Vehicle, modern security systems make it extremely difficult for this to be done should spare keys not be available. If a forced entry is required, you will be asked to sign a declaration stating that you have given permission for this to take place and that any costs for resultant damage will be your sole responsibility.
12. Aston Martin Emergency Assistance shall not be required to provide services in the following circumstances:
- 12.1 In respect of eligible Vehicles situated on private property (for example garage premises) unless you can establish to the reasonable satisfaction of Aston Martin Emergency Assistance that permission has been given by the relevant owner or occupier.
 - 12.2 Vehicle servicing or re-assembly where this is required as a result of neglect or unsuccessful work on the Vehicle other than on the part of the Service Provider or its agents.
 - 12.3 The recovery of any Vehicles bearing trade plates or which Aston Martin Emergency Assistance has reason to believe have just been imported or purchased at auction.
 - 12.4 The transportation of immobilised Vehicles where Aston Martin Emergency Assistance considers this to be part of a commercial activity.
-
- 12.5 Assistance for Vehicles broken down as a result of taking part in any 'Motor Sport Event', including, without limitation, motor racing, rallying, speed or duration tests or practice thereof, trials or time-trials, auto test (other than auto tests performed by the Client using roadworthy, road legal cars on public roads), but excluding 'Concours d'elegance' events, track test days for road-legal Vehicles or rallies held exclusively on open public roads where participants are required to comply with the normal rules of the road (save for Aston Martin organised and controlled track day events).
- 12.6 Where the police, highways agency and / or other emergency service require that your Vehicle be recovered by a third party.
- 12.7 Where your entitlement to Aston Martin Emergency Assistance lapses or if your Vehicle is no longer considered eligible for Aston Martin Roadside Assistance, the Service Provider may charge you directly for the Services provided. Any such charges will be charged on a 'pay for use' basis and will constitute a direct contract between you and the Service Provider. If it is determined that Aston Martin is at fault for the Vehicle not being recorded as an eligible Vehicle, then Aston Martin shall pay the relevant charges.

-
- 12.8 Assistance for routine maintenance and running repairs of the Vehicle such as fixing faulty radios and heated rear windows.
- 12.9 For transit risk insurance, which Aston Martin Emergency Assistance recommends you take out where a Vehicle is to be repatriated.
- 12.10 Where locksmiths, body-glass or tyre specialists are required. Aston Martin Emergency Assistance will endeavour to arrange for their assistance on your behalf, however, you will be responsible for the costs of their services. Further, if use of a locksmith or other specialist would, in Aston Martin Emergency Assistance's opinion, mobilise the vehicle, no further service will be given for the breakdown in question.
- 12.11 The transportation of any animal or pets shall be at the sole discretion of the Service Provider.
-
13. The Service Provider may charge you directly for:
- Any replacement component, lubricant and / or fuel (the 'Parts') or consumable items supplied (except where Aston Martin has provided or paid for such Parts)
 - Any extension of the Services which you are entitled to receive in connection with this Agreement (which shall be performed by the Service Provider (in its absolute discretion) at your request.
 - The use of any specialist lifting or towing assistance needed to recover your Vehicle if your Vehicle has gone off the road, is in a ditch, sunk in soft ground, sand or shingle or when it is stuck in snow or flood water.
 - Any additional charges resulting from the failure to carry legal a serviceable spare wheels or tyres in the Vehicle. Aston Martin Emergency Assistance will endeavour to arrange assistance from a third party on your behalf but you will be responsible for the costs of the call out and/ or for any repair.
 - The cost of garage or other labour required to repair the Vehicle, other than that provided by Aston Martin Emergency Assistance at the scene of the Breakdown Incident.
 - Any costs of draining or removing fuel, lubricants or other fluids as a result of the introduction of an inappropriate substance.

- Transportation of personal effects, goods, vehicles, boats or other waterborne craft on or in the Vehicle and any trailer or caravan. Aston Martin Emergency Assistance will not consider any claim for loss resulting from damage to / loss of use of these items. Such items remain your responsibility at all times.
14. If following a Breakdown Incident, the Service Provider, its third party garage agent or subcontractor makes a temporary repair to your Vehicle (for these purposes, a temporary repair shall mean temporary repairs of the Vehicle where the underlying cause of the Vehicle's failure is not resolved), then the Service Provider, its third party garage agent or subcontractor shall recommend you to have such temporary repair made good by a Dealer.

Schedule - Eligible Vehicles

New Vehicles - 36 Months Cover

Any Aston Martin vehicle which is sold directly by Aston Martin or a Dealer in the UK or European Territories and which is first registered in the UK or European Territories (Refer to 'Emergency Assistance', page C.2).

Used Vehicles

(Cover may vary - consult with the selling Dealer)

Those used vehicles registered in the UK or the European Territories in respect of which an Extended Warranty has been started.

In All Cases

- Maximum Gross Vehicle Weight (including any caravans or trailers being towed at the time of the Breakdown Incident): 3500 Kg
- Maximum Vehicle Length: 5.5 m
- Maximum Vehicle Width (including any caravans or trailers being towed at the time of the Breakdown Incident): 2.3 m
- Maximum Vehicle Height: 3 m

The dimensions detailed above will be calculated taking into account anything attached to the relevant eligible Vehicle at the time of the relevant Breakdown Incident and any trailer or caravan, including but not limited to towing equipment, any carriers or racks (e.g. bike or luggage), or anything else attached to the Vehicle or the carriers / racks.

Vehicles must be built to manufacturer's specifications and, where applicable, hold a certificate of roadworthiness.





Certification and Compliance

Component Certification D.2

Component Certification

Vehicle Key

Radio Equipment Directive

Hereby, STRATTEC Security Corporation, 3333 West Good Hope Road, Milwaukee, WI 53209 USA declares that this MCFH433A is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU (RED). The original delegation of conformity can be accessed at the following link www.strattec.com/company/certifications

Frequency band 433.05 - 434.79 MHz.

Maximum Output Power <10 mW.

UK Conformity Assessment

Hereby, STRATTEC Security Corporation, 3333 West Good Hope Road, Milwaukee, WI 53209 USA declares that this MCFH433A is in compliance with the relevant UK statutory requirements. The full text of the UK Declaration of Conformity is available at the following internet address: www.strattec.com/company/certifications

Frequency band 433.05 - 434.79 MHz.

Maximum Output Power <25 mW.



Connected Car Module

Radio Equipment Directive

Hereby, ACTIA Nordic AB declares that the radio equipment type 103360001 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.actia.se/doc

UK Conformity Assessment

Hereby, ACTIA Nordic AB declares that the radio equipment type 103360001 is in compliance with Radio Equipment Regulations 2017. The full text of the declaration of conformity is available at the following internet address: www.actia.se/doc



Radar Modules

Front Radar

Radio Equipment Directive

Hereby, Robert Bosch GmbH declares that the radio equipment type F5CP12 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://eu-doc.bosch.com>

UK Conformity Assessment

Hereby, Robert Bosch GmbH declares that the radio equipment type F5CP12 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://eu-doc.bosch.com>.

Please first select a region or country and then the required model name.



Blind Spot Assist

Radio Equipment Directive

Hereby, Robert Bosch GmbH declares that the radio equipment type CR5CPCCF is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://eu-doc.bosch.com>

Frequency band 76-77 GHz.

Maximum Output Power <24.7 dBm.

UK Conformity Assessment

Hereby, Robert Bosch GmbH declares that the radio equipment type CR5CPCCF is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://eu-doc.bosch.com>.

Please first select a region or country and then the required model name.



Homelink

Radio Equipment Directive

Hereby, Gentex Corporation declares that HomeLink® Model UAHL5B is in compliance with Radio Equipment Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address: <http://www.homelink.com/regulatory>

Frequency Bands in which the radio equipment operates:

- 433.05MHz-434.79MHz 0.251mW E.R.P.
- 868.00MHz-868.60MHz 0.10mW E.R.P.
- 868.70MHz-869.20MHz 0.10mW E.R.P.

Certificate Holder's Address:

Gentex Corporation
600 North Centennial Street
Zeeland MI 49464
USA

UK Conformity Assessment

Hereby, Gentex Corporation declares that HomeLink® Model UAHL5B is in compliance with the relevant UK statutory requirements. The full text of the UK Declaration of Conformity is available at the following internet address: <http://www.homelink.com/regulatory>



Frequency Bands in which the radio equipment operates:

- 433.05MHz-434.79MHz 0.251mW E.R.P.
- 868.00MHz-868.60MHz 0.10mW E.R.P.
- 868.70MHz-869.20MHz 0.10mW E.R.P.

Certificate Holder's Address:

Gentex Corporation
600 North Centennial Street
Zeeland MI 49464
USA

Infotainment

Radio Equipment Directive

Hereby, ART SpA declares that Car Infotainment ICC is in compliance with Radio Equipment Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address:

Frequency Bands	
Bluetooth	2402-2480 MHz 2.5 mW EIRP
WLAN 2.4 GHz	2412-2472 MHz 25 mW EIRP
WLAN 5 GHz	5150-5250 MHz 25 mW EIRP
	5725-5850 MHz 25 mW EIRP
AM	535-1605 kHz
FM	87.5-108 kHz
DAB	174-240 kHz
GNSS	1575.43-1602 kHz

Tracker

Telematics Unit

Hereby, Vodafone Automotive SpA declares that the radio equipment types SCD40 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: automotive.vodafone.com, section download.

These devices bear the following CE mark: 

 *Note for installation: In order to avoid human exposure to electromagnetic fields, the distance of the VTS device with respect to the body of the vehicle occupants must be greater than 0.2m.*

Tyre Pressure Monitoring System

Transmitter

Radio Equipment Directive

Hereby, Huf Baolong Electronics Bretten GmbH declares that this radio equipment type TSSRE4A is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://www.huf-group.com/eudoc>.

Frequency band 433.92 MHz.

Maximum Output Power <10 mW.

Manufacturer: Huf Baolong Electronics Bretten GmbH,
Gewerbestr. 40, 75015 Bretten, Germany

UK Conformity Assessment

Hereby, Huf Baolong Electronics Bretten GmbH declares that this radio equipment type TSSRE4A is in compliance with the relevant UK statutory requirements. The full text of the UK Declaration of Conformity is available at the following internet address: <https://www.huf-group.com/eudoc>.

Frequency band 433.92 MHz.

Maximum Output Power <10 mW.

Manufacturer: Huf Baolong Electronics Bretten GmbH,
Gewerbestr. 40, 75015 Bretten, Germany



Receiver

Radio Equipment Directive

Hereby, Huf Baolong Electronics Bretten GmbH declares that this TSSSG4G6b is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU (RED). The full text of the EU declaration of conformity is available at the following internet address: <https://www.huf-group.com/eudoc>.

Frequency band 433.92 MHz.

Maximum Output Power <10 mW.

UK Conformity Assessment

Hereby, Huf Baolong Electronics Bretten GmbH declares that this TSSSG4G6b is in compliance with the relevant UK statutory requirements. The full text of the UK declaration of conformity is available at the following internet address: <https://www.huf-group.com/eudoc>.

Frequency band 433.92 MHz.

Maximum Output Power <10 mW.



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