

## **Apple CarPlay/Android Auto**

The Gaydon era, VH platform cars, are a brilliant car to drive and have some amazing design features. However, the infotainment system is now getting somewhat dated, with a navigation system, whilst leading edge in its day, lacking the benefits of more modern machinery and the CD/radio out of date with digital music streaming services now taking over.

Connectivity of our mobile phones are now a part of our everyday life, and this can now be extended to our in car use as well, with the likes of Apple CarPlay and Android Auto. This utilises the apps our phones can run to give you navigation maps through Google, Waze, Apple and the traffic information that goes along with that. We can also use a host of music streaming services and radio apps, from across the world as well as having your text messages read to you and being able to dictate requests via google assist or Siri. All of this is now available for your Aston Martin with the added benefit of a navigation screen that is twice the resolution from when the car was new.

This entire kit has been designed to be as simple as possible to install using the relevant vehicle connectors (where applicable) and individual plugs and sockets differing from one another. All connectors and fuseholders will either be labelled and/or colour coded. These will be referred to and indicated in the following instructions.

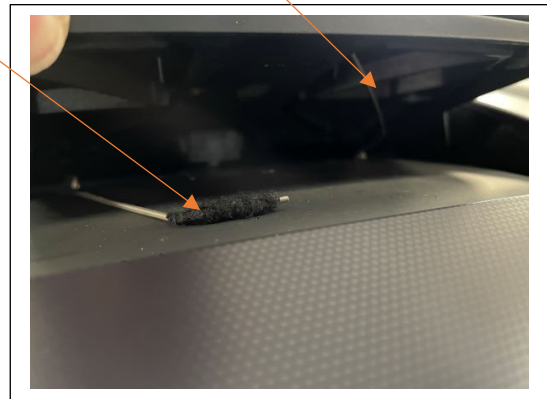
The vehicle battery need not be disconnected during the installation procedure, however if you feel more comfortable doing this then please remember that the seats, windows and radio will need to be reset following the reconnection of the battery using the procedures in the handbook.

**Aston Installations Ltd, cannot be held responsible for failures of installation or subsequent damage to the vehicle. If you do not feel competent to undertake the installation, please consult an experienced vehicle electronics installer or Aston Martin dealer.**

## 1. Ski Slope/Top Cover Removal

### 1.

Gently push down at the rear of the Sat Nav door until the leading edge lifts up, enough to get a finger inside. Push the left hand spring to the left and the right hand spring to the right ( The pictures below show the left hand spring already released), this will release the sat nav door from the top of navigation screen. **Be mindful of letting the door go and it falling back quickly as this can damage the wood veneer or piano black finish (if fitted).**



### 2.

Remove the Ski slope as follows, use a very thin plastic trim removal tool inserted between the top of the radio surround and the front, leading edge of the ski slope/top cover. First at the left corner, twist to release and then at the right corner, twist to release. Once the front edge clips are released then put your hand inside the sat nav aperture, and pull the trim towards you to release the two rear clips. This will be tight, take care not to damage the windscreen or the leather trim surround as the trim comes out.

*TIP – Often, by pushing the ski slope back towards the windscreen, with your hand inside the sat nav aperture, it is easier to get the trim tool between the ski slope and the radio display.*

### 3.

Disconnect start button or start, park, neutral, reverse and drive, depending on variant. If 09MY> then you will have a larger white connector and a small black connector as well for the key dock. This can all be safely disconnected and the top cover put to one side to prevent damage.

## 2. Navigation Screen Removal



1.

Remove the 4 screws holding the navigation screen to the dashboard

2.

Remove the blue power connector and the grey data connector. These will be used again when the new screen is re-fitted.



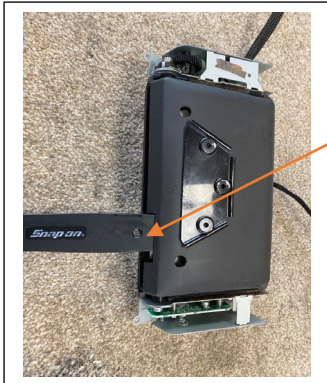
3.

Once the old navigation screen has been removed, remove the mounting bracket either side and the bottom metal cover, as shown in the images below. The green dots indicate which screws to remove.

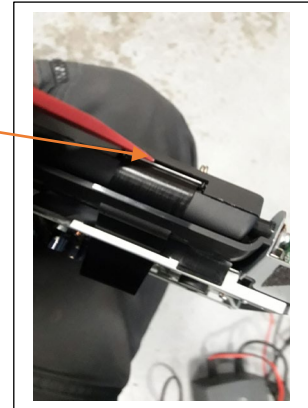
DO NOT REFIT THIS SCREW



4.

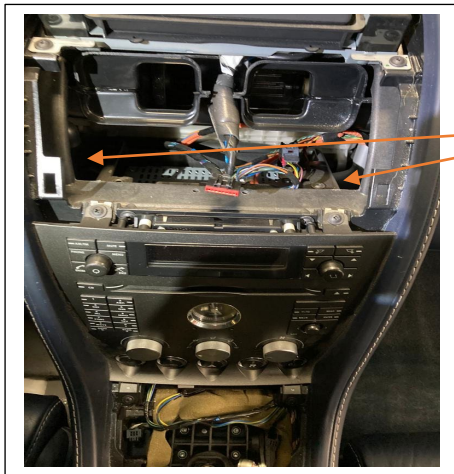


To remove the plastic screen cover to transfer to the new HD screen, insert a plastic trim tool into the space between the metal casing inside the assembly and the plastic cover and twist the trim tool. This will open the two halves of the screen and allow removal of the back. It will clip back into the position on the new HD screen assembly before remounting to the car.



5.

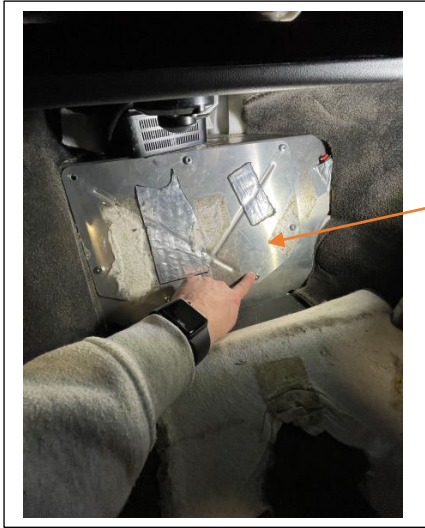
Install the new HD screen into the dash and run the cable from the screen through the dash down to the passenger footwell. Connect the Blue power connector and the grey data connector back to the new screen also. Connect the HDMI extension cable (supplied) to the flat ribbon HDMI cable from the screen and secure to existing wiring so it cannot get damaged or pulled apart.



Run the cables for HDMI and CarPlay connection down either the right or the left, depending on LHD or RHD variant, to the passenger footwell, to meet up with the wiring harness from the CEM (described later).

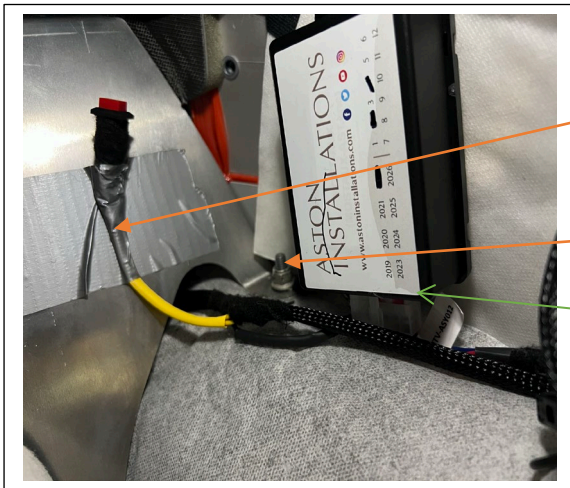
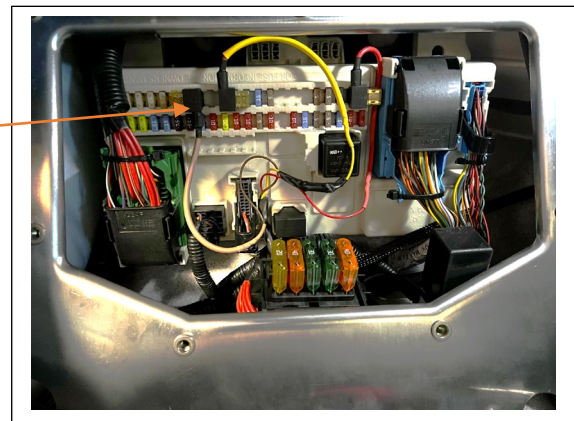


6.



Peel the carpet back in the passenger footwell to expose the cover plate for the cabin fusebox or CEM (Central Electronic Module), pictured below. Remove the Torx T30 screws around the perimeter and remove the plate. Pass the spine cable harness assembly fuses through the corner of the CEM plate adjacent to the transmission tunnel until the reset switch and earth ring connector are adjacent to the edge of the CEM Plate

Following the labels attached to the end of the fuses, connect at fuse numbers 66 (Red), 77 (Yellow) and ONLY IF REVERSE CAMERA IS USED, 79 (Brown).



Pictured in the photo is the location of the reset button.

You can also see the location of the bolt for the earth.

Also, a suggested place where to mount the Fibre Optic interface (up to 2009 ONLY).

On RHD vehicles there is a fibre optic connector join in the driver's footwell, adjacent to the transmission tunnel, where the MOST interface can be connected. This may not be mirrored on LHD vehicles. You may join the interface at other points on the MOST loop, the back of the radio display for instance.

# ASTON INSTALLATIONS

1.

If you have purchased the optional deeper ashtray, you can see the suggested location of the CarPlay controller and also the momentary selector switch to swap between the OEM

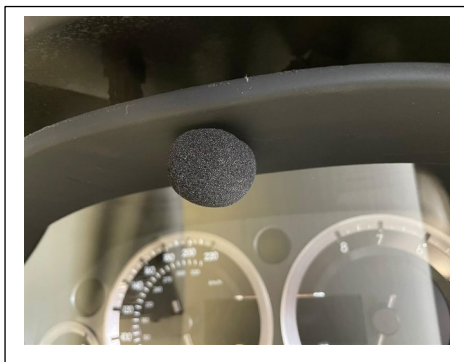


Front camera controller button – please see separate guide for installation

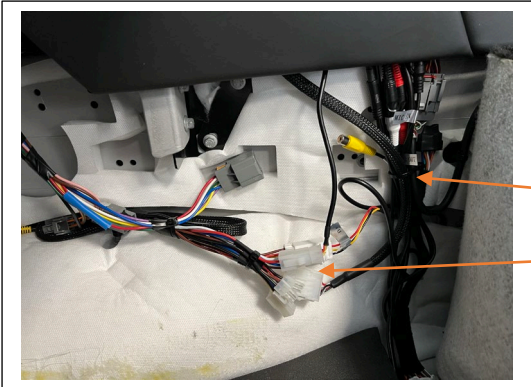
2.

The microphone for Siri can either be mounted by the rear-view mirror and then the cable run from there to the top of the windscreen pillar and down the side of the windscreen, behind the trim, or it can be mounted by the speedometer binnacle and run through a hole drilled in the substrate behind the trim, to allow better access and a shorter cable run.

We try, wherever possible, to utilise the OEM hands free system, this enables us to use the steering wheel controls on the car for safer operation. It can be used in conjunction with the CarPlay system.

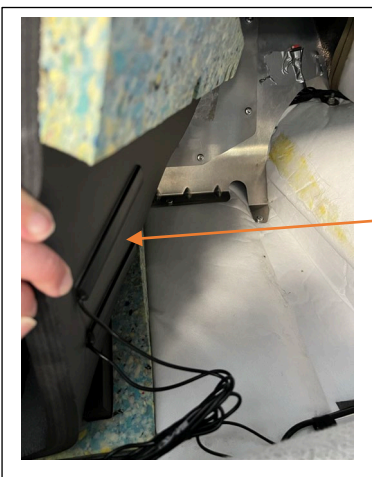


# ASTON INSTALLATIONS



Bring cables down from HD Screen to meet spine harness from CEM/Fusebox, microphone from binnacle, switches and controller from ashtray and USB from rear centre console/cupholder. Make plug and socket connections here as shown.

The CarPlay module can be placed underneath the carpet, just forward of the seat runner, as shown.



The two antennae may be stuck to the bottom of the foam section facing upwards, as pictured.