



Aston Martin DB11 2016-2022  
CarPlay kit Installation  
instructions/User guide

UNIQUE AUTO DEVELOPMENTS

## Installation –

Please note installation is performed at your own risk – this guide is for reference only. If you are unsure of your ability to install this equipment, please consult an automotive professional. It is highly recommended to ensure the negative terminal of the vehicle battery is disconnected during installation to ensure the vehicle is fully powered down to avoid any error codes when disconnecting electrical connectors.


## Key steps –

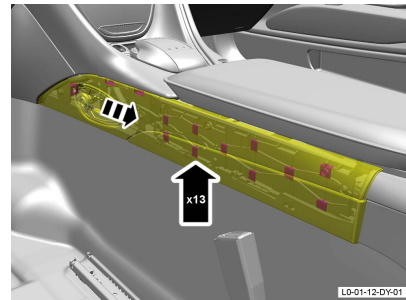
- 1) Remove centre console trim to expose radio unit
- 2) Temporarily disconnect radio unit and plug in CarPlay wiring behind
- 3) Locate CarPlay Interface box behind passenger kick panel
- 4) Route microphone wiring and place mic in desired location (ideally in overhead console)
- 5) Route USB Port for iPhone cable to desired location, route 3.5mm – USB/AUX to centre console.



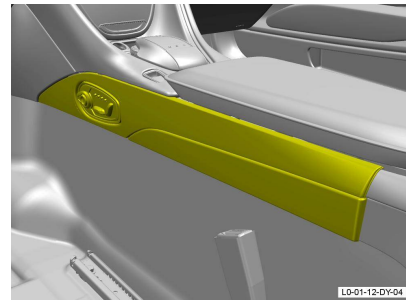
NIQUE AU  
DEVELOPMENT

## Trim Removal –

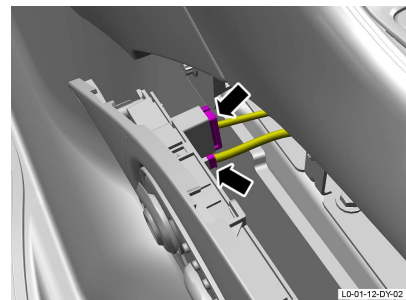
1.  *Note: The seat assembly is shown removed for visual aid only in the steps that follow.*  
Move the Left Side Trim Panel for the Centre Console rearward to release the 13 clips that attach it to the centre console.



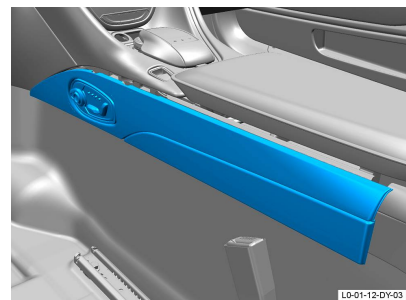
2. Move the Left Side Trim Panel for the Centre Console away from the centre console to gain access to the two electrical connectors for the seat switch assembly.



3. Disconnect the two electrical connectors from the seat switch assembly.



4. Remove the Left Side Trim Panel for the Centre Console.



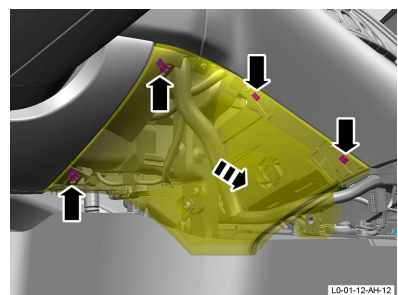
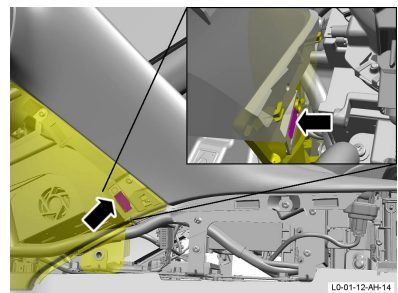
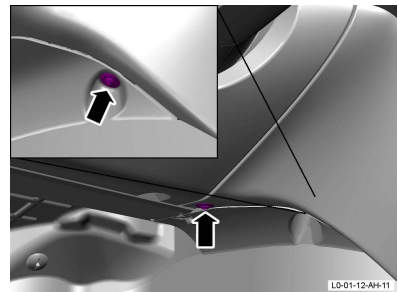
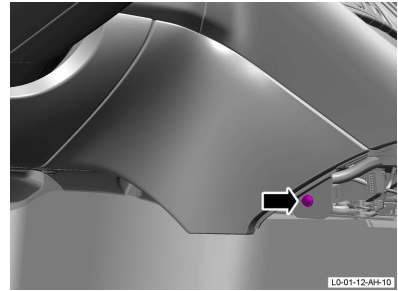
**Removal**

1. Remove the Left Side Trim Panel for the Centre Console (01.12.DY - Left Side Trim Panel for the Centre Console).  
[\[Open Workshop Manual Procedure\]](#)
2. Remove the bolt from the Driver's Side Bottom Instrument Panel.

3. Remove the two scrivenets from the Driver's Side Bottom Instrument Panel.

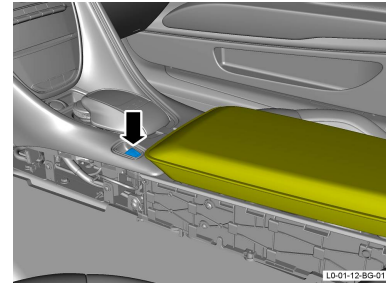
4. Release the clip that attaches the Driver's Side Bottom Instrument Panel to the IP assembly.

5. Release the two clips and the two tabs that attach the Driver's Side Bottom Instrument Panel to the IP assembly.

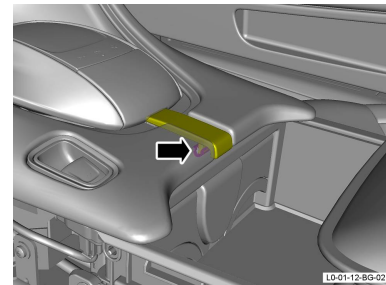


*Removal*

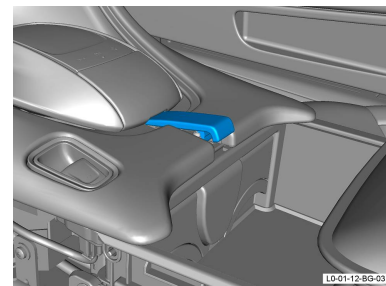
1. Remove the Driver's Side Bottom Instrument Panel (IP) Assembly (01.12.AH - Driver's Side Bottom Instrument Panel (IP) Assembly).  
[\[Open Workshop Manual Procedure\]](#)
2. Operate the armrest to get access to the centre stack strap.



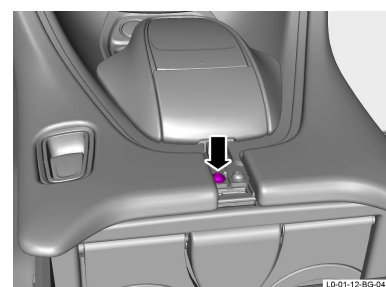
3. Release the centre stack strap from the clip that attaches it to the centre console.



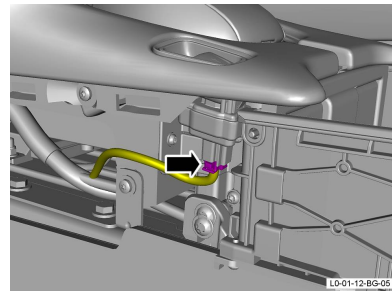
4. Remove the centre stack strap.



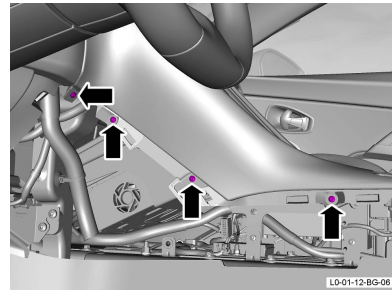
5. Remove the screw that attaches the left side centre cover for the IP to the centre console.



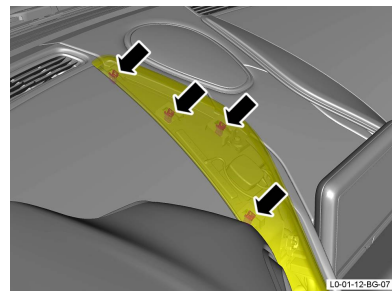
6. Disconnect the electrical connector from the armrest switch.



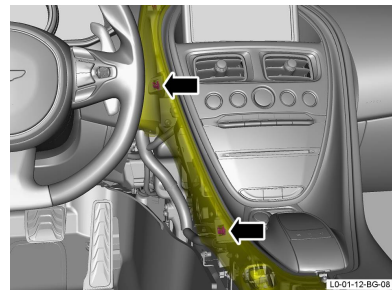
7. Remove the four screws from the left side centre cover for the IP.



8. Release the four clips that attach the left side centre cover for the IP to the IP.




9. Release the two clips that attach the left side centre cover for the IP to the IP.

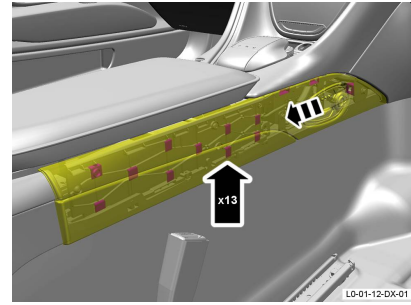


10. Carefully remove the left side centre cover for the IP.

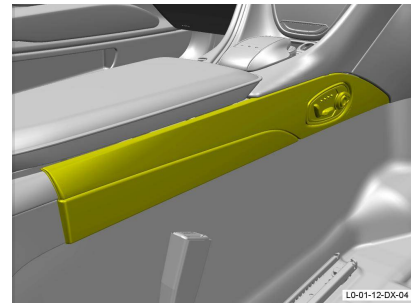


Removal

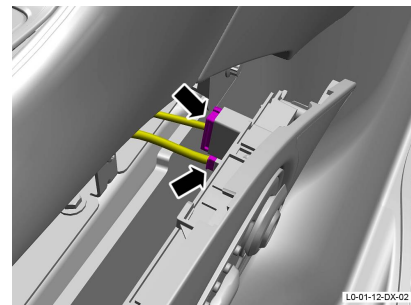
1.  Note: The seat assembly is shown removed for visual aid only in the steps that follow.  
Move the Right Side Trim Panel for the Centre Console rearward to release the 13 clips that attach it to the centre console.



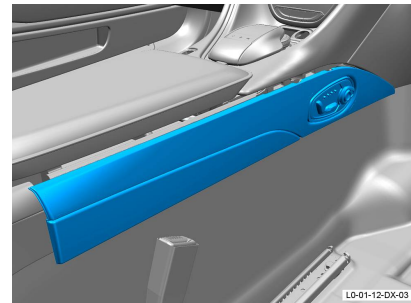
2. Move the Right Side Trim Panel for the Centre Console away from the centre console to gain access to the two electrical connectors for the seat switch assembly.



3. Disconnect the two electrical connectors from the seat switch assembly.

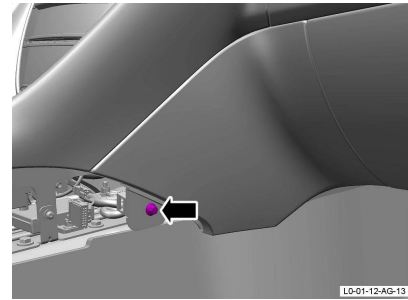


4. Remove the Right Side Trim Panel for the Centre Console.

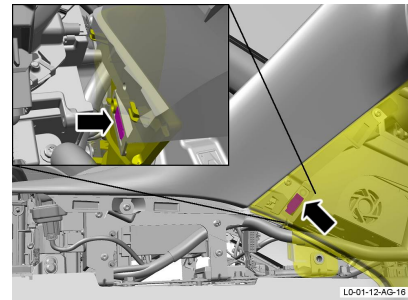


*Removal*

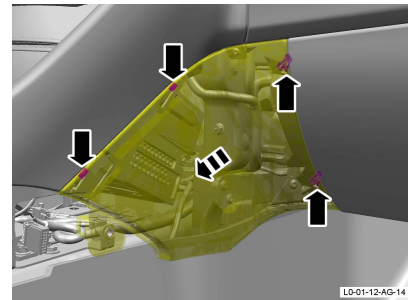
1. Remove the Right Side Trim Panel for the Centre Console (01.12.DX - Right Side Trim Panel for the Centre Console).  
[\[Open Workshop Manual Procedure\]](#)
2. Remove the bolt from the Passenger's Side Bottom Instrument Panel.



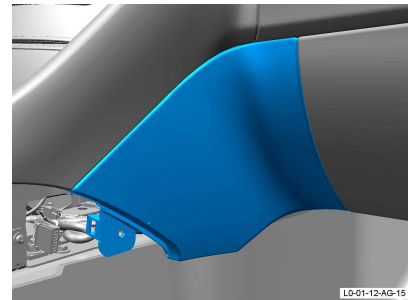
3. Release the clip that attaches the Passenger's Side Bottom Instrument Panel to the IP assembly.



4. Release the two clips that attach the Passenger's Side Bottom Instrument Panel to the IP assembly.



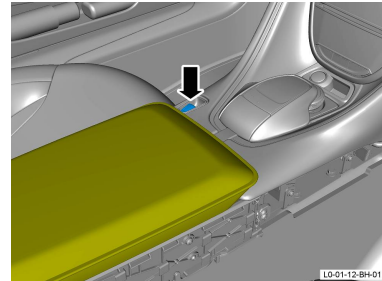
5. Remove the Passenger's Side Bottom Instrument Panel.



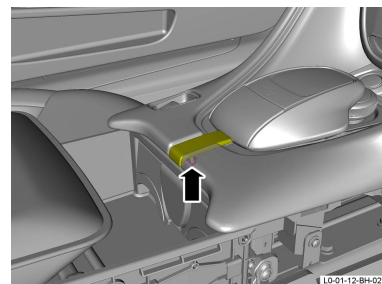


**Removal**

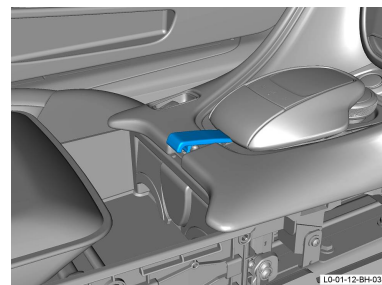
1. Remove the Passenger's Side Bottom Instrument Panel (IP) Assembly (01.12.AG - Passenger's Side Bottom Instrument Panel (IP) Assembly).  
([Open Workshop Manual Procedure](#))
2. Operate the armrest to get access to the centre stack strap.



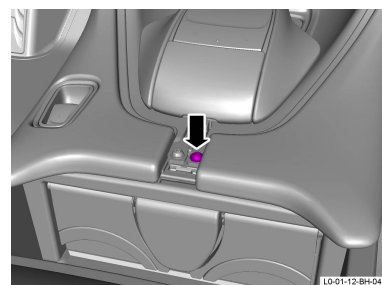
3. Release the centre stack strap from the clip that attaches it to the centre console.



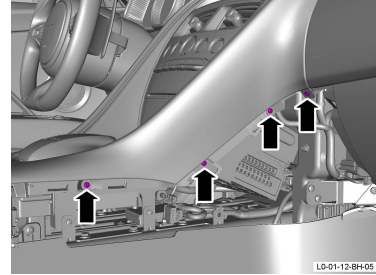
4. Remove the centre stack strap.



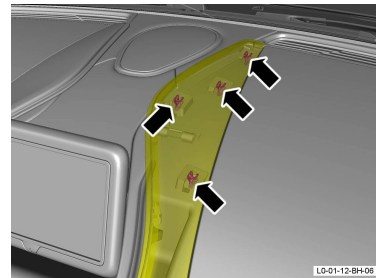
5. Remove the screw that attaches the right side centre cover for the IP to the centre console.



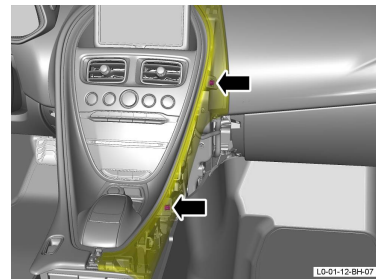
6. Remove the four screws from the right side centre cover for the IP.



7. Release the four clips that attach the right side centre cover for the IP to the IP.



8. Release the two clips that attach the right side centre cover for the IP to the IP.

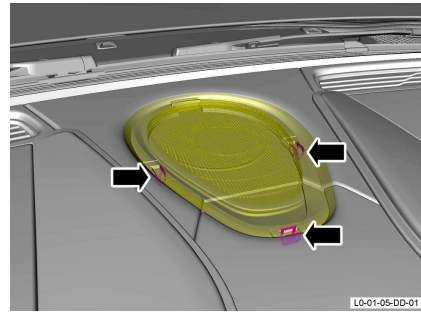


9. Carefully remove the right side centre cover for the IP.

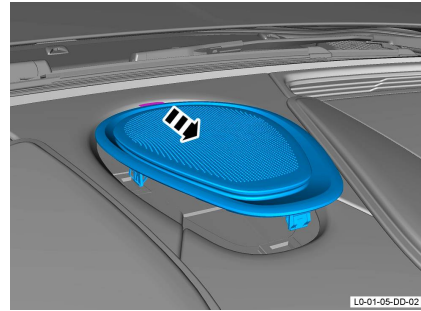


*Removal*

1. Release the three clips that attach the speaker grille to the IP.



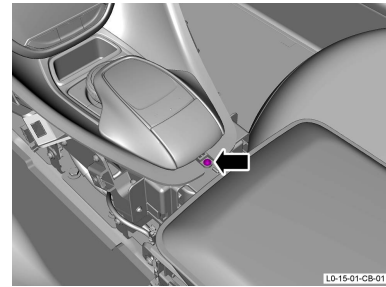
2. Move the speaker grille rearward to release the tab and remove the speaker grille.



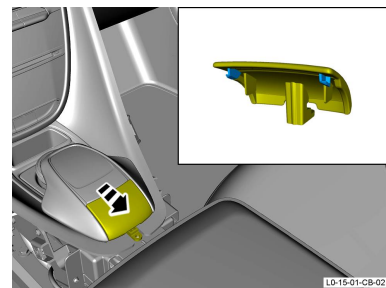
MIQUE AU  
DEVELOPPEMENT

**Removal**

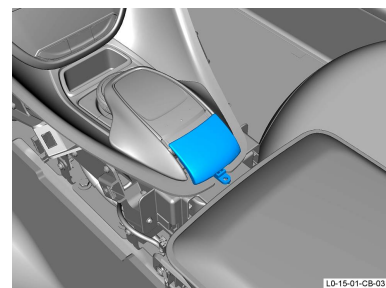
1. Do the battery disconnection procedure (14.01.CA - Battery Disconnection and Connection Procedure).  
[\(Open Workshop Manual Procedure\)](#)
2. Remove the Centre Upper Closure-Panel for the Instrument Panel (IP) (01.12.AX - Centre Upper Closure-Panel for the Instrument Panel (IP)).  
[\(Open Workshop Manual Procedure\)](#)
3. Remove the screw that attaches the touch-pad cap to the centre stack.



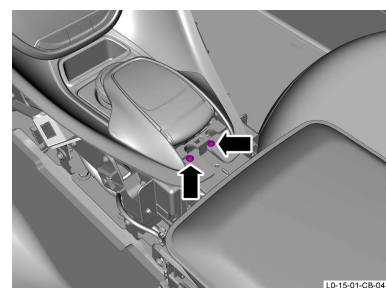
4. Release the touch-pad cap from the touch-pad surround.



5. Remove the touch-pad cap.

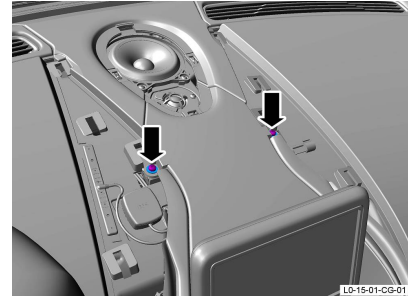


6. Remove the two screws that attach the centre stack to the Electronic Ignition Switch (EIS) retainer.

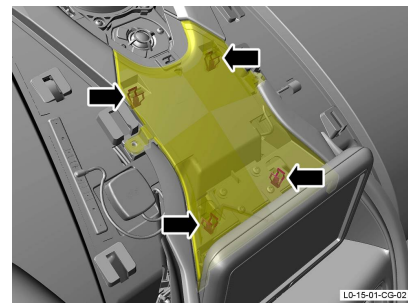


### Removal

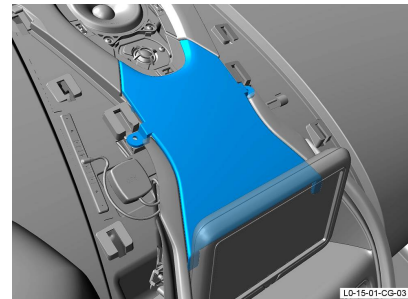
1. Remove the Left Side Centre Cover for the Instrument Panel (IP) (01.12.BG - Left Side Centre Cover for the Instrument Panel (IP)).  
[\[Open Workshop Manual Procedure\]](#)
2. Remove the Right Side Centre Cover for the Instrument Panel (IP) (01.12.BH - Right Side Centre Cover for the Instrument Panel (IP)).  
[\[Open Workshop Manual Procedure\]](#)
3. Remove the Speaker Grille for the Centre Facia (01.05.DD - Speaker Grille for the Centre Facia).  
[\[Open Workshop Manual Procedure\]](#)
4. Remove the two screws that attach the centre stack top panel to the IP assembly.



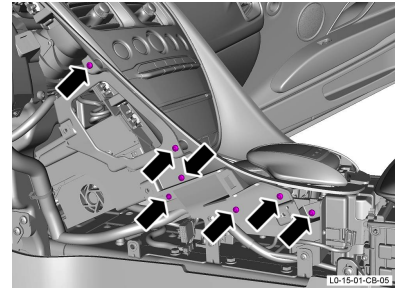
5. Release the four clips that attach the centre stack top panel to the IP assembly.



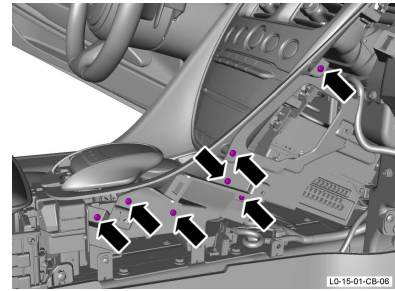
6. Remove the centre stack top panel.



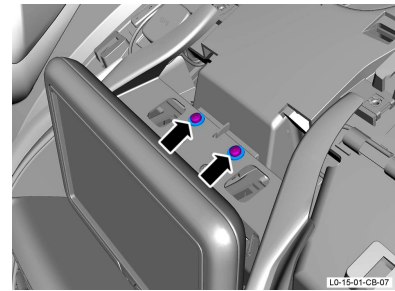
7. Remove the seven screws that attach the centre stack to the support bracket.



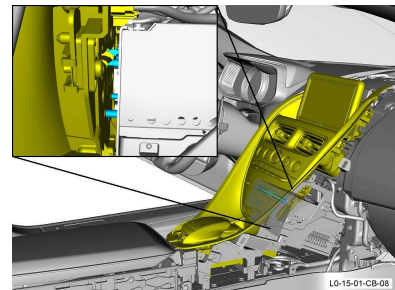
8. Remove the seven screws that attach the centre stack to the support bracket.



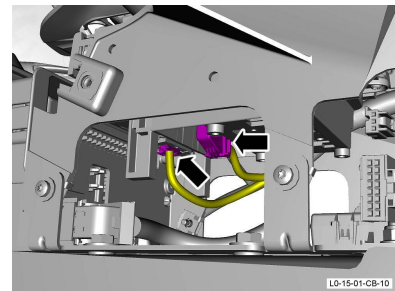
9. Remove the two screws that attach the centre stack to the Instrument Panel (IP) assembly. Collect the two washers.



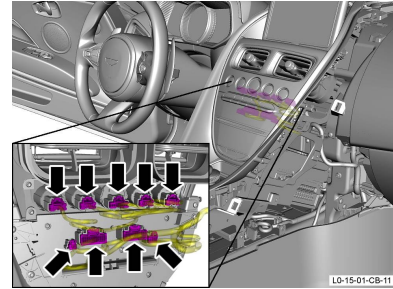
10. Put the applicable covers onto the trim panels adjacent to the centre stack assembly.
11. Release the centre stack from the head unit, and move it away to get access to the electrical connectors.



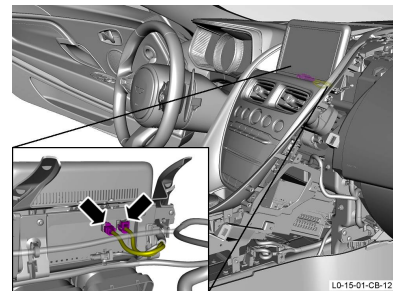
12. Disconnect the two electrical connectors from the touch-pad module and the rotary central controls.



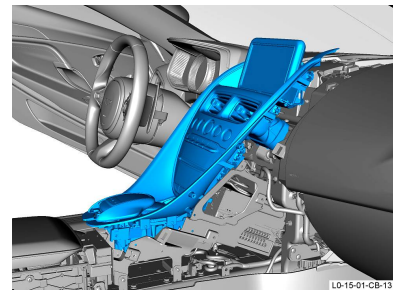
13. Disconnect the nine electrical connectors from the centre stack module.



14. Disconnect the two electrical connectors from the infotainment display screen.

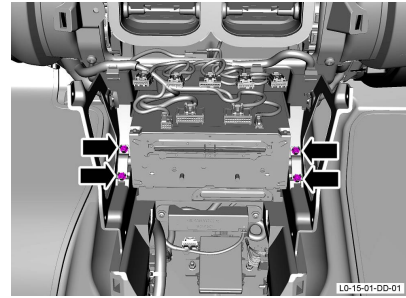


15. Carefully remove the centre stack assembly.

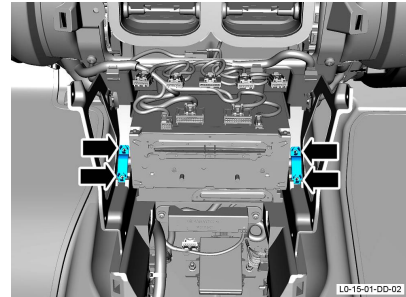


*Removal*

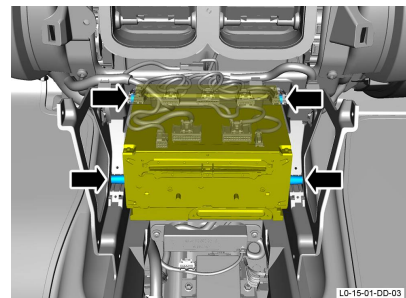
1. Remove the Centre Stack Assembly (15.01.CB - Centre Stack Assembly).  
([Open Workshop Manual Procedure](#))
2. Remove the four screws that attach the head unit retainers to the centre stack support bracket.



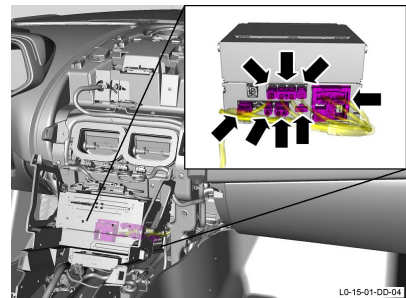
3. Remove the two head unit retainers.



4. Move the head unit rearward to release it from the centre stack support bracket.



5. Disconnect the eight electrical connectors that connect the head unit to the fascia harness.





## Connections –

Behind the radio itself, we are only working with 2 connections

- 1) **Quadlock** (large black plastic multi plug – held in place with a swivelling clip)
- 2) **LVDS (Video) connection** – Video output cable to monitor (small blue plug)

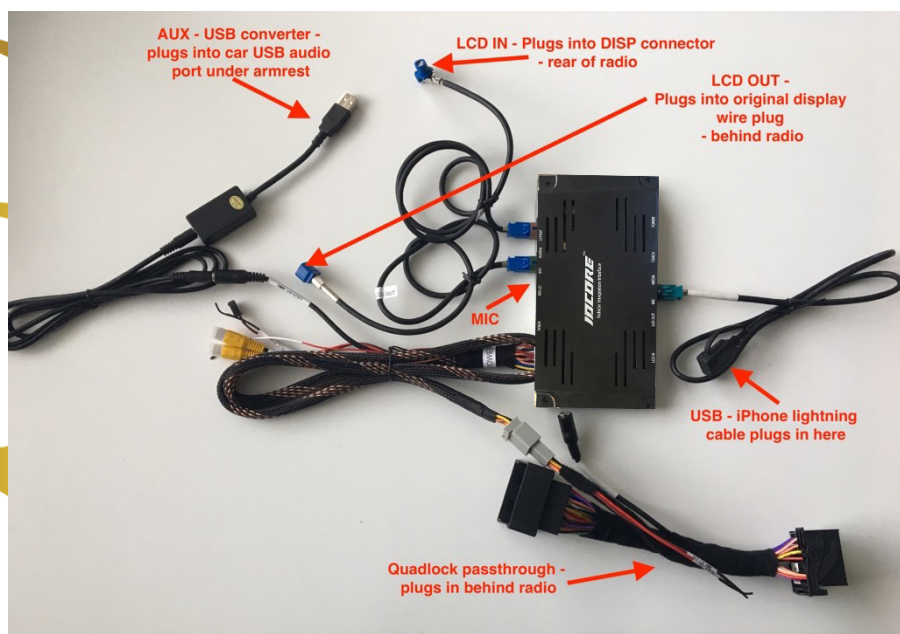
## DIP switch settings –

1-7 OFF

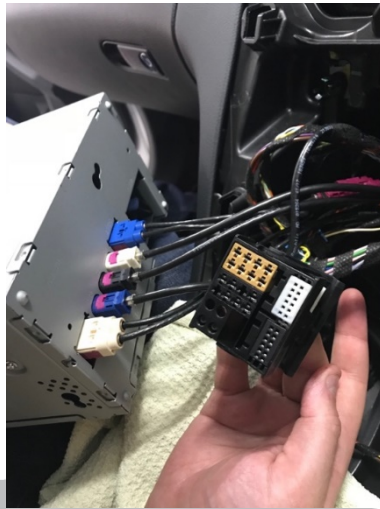
8 ON - No aftermarket camera in use/ use factory fitted camera

8 OFF - Add aftermarket reverse camera

## Overall wiring diagram –



Remove quadlock from original radio unit – locked in place with swivelling clip



### Move the MOST connector –

Please note, the cars original Quadlock connector may have a MOST fibre optic connection (see circled area on photo below) – this must be transferred from the original Quadlock to the new Quadlock that plugs into rear of radio. If this is not done, sound may not work or errors may appear on dash screen.

Please see circled area in photo below, note the original location release clip holding connector in place, unclip (may help to use a flat head screwdriver to carefully prise the clip holding the connector) and transfer to same location in CarPlay quadlock (just clips in – reverse of removal)



Connect factory quadlock connector to CarPlay quadlock female end.



Connect male end of CarPlay quadlock to rear of original radio – ensure connector is fully connected and clip at bottom of connector is fully pressed home.



Remove blue LVDS cable (marked with red arrow) from rear of original radio (may be in a different location in your vehicle – however it is usually marked with text 'DISP' above) – depress small clip at side of connector whilst carefully pulling out – replace with **LCD IN**

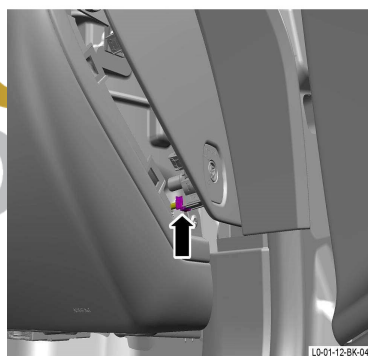
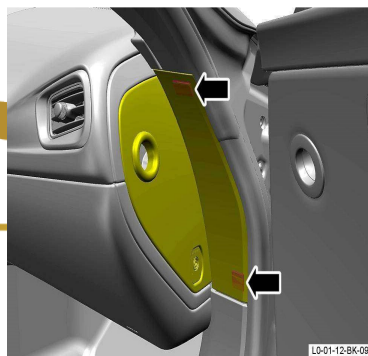
LVDS cable from the CarPlay kit. Plug the cars original LVDS video cable removed from rear of radio into the **LCD OUT** LVDS cable included in the kit.



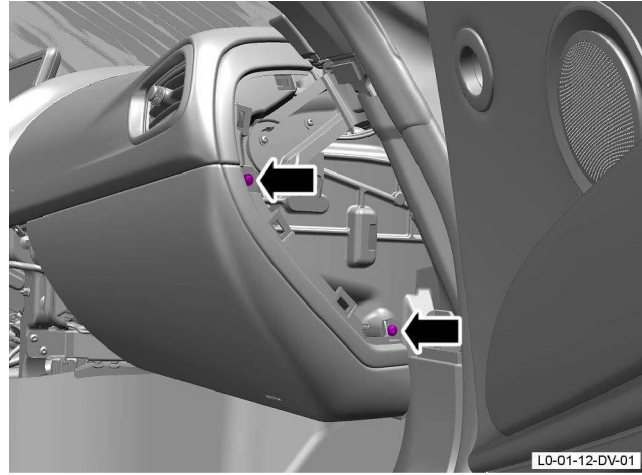
MIQUE AU  
DEVELOPME

## Interface box location –

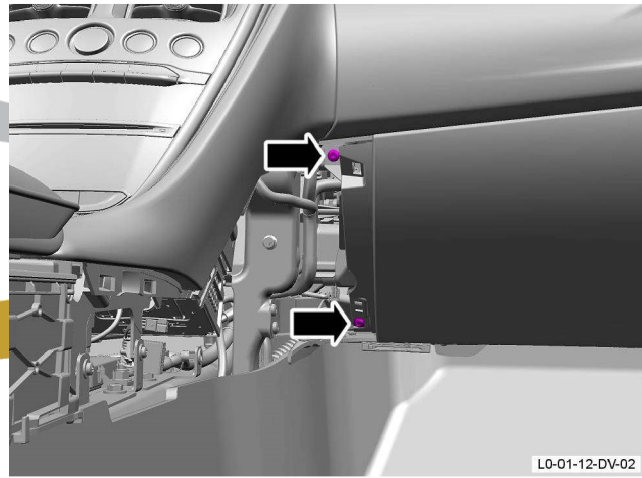
Disconnect vehicle battery before removing Airbag switch. Unclip 4 x clips securing side trim and unplug airbag switch.



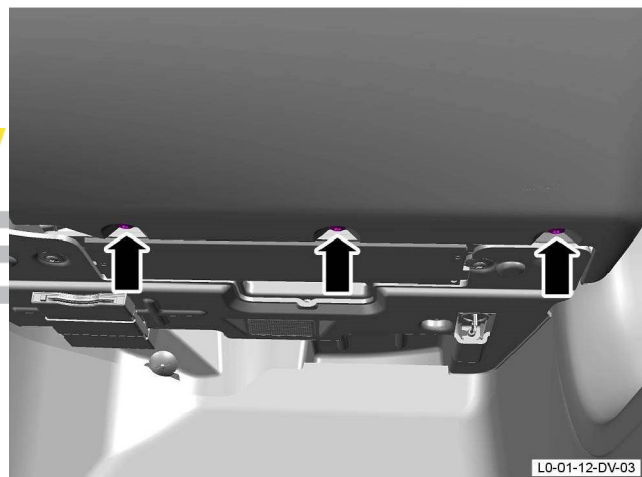
1. Remove the two screws from the right side of the passenger's bottom panel for the instrument panel.



2. Remove the two screws from the left side of the passenger's bottom panel for the instrument panel.

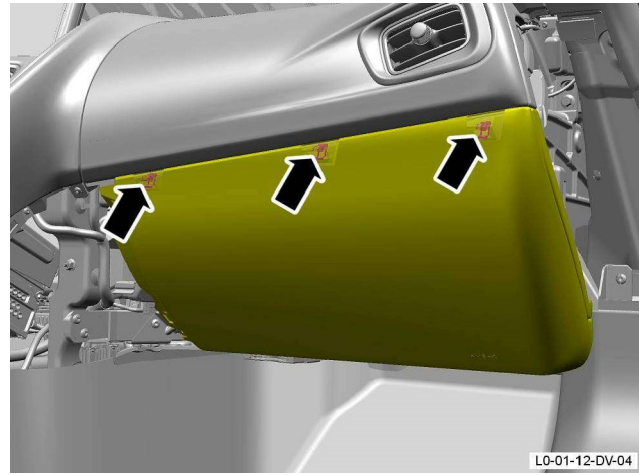


3. Remove the three screws from the bottom side of the passenger's bottom panel for the instrument panel.



MIQUE  
DEVE

1. Release the three clips that attach the passenger's bottom panel to the IP assembly.



2. Remove the passenger's bottom panel for the instrument panel.

### Interface box location –

Once passenger's bottom panel removed, IDCORE interface box can stow at bottom section behind metal frame.



### Audio Connection

There is a 3.5mm connector on the CarPlay Quadlock power wiring loom (labelled Audio OUT) this connects to the included 3.5mm wire which must be routed down the side of the centre console of the vehicle until it reaches the vehicle's original USB audio port location. Once routed, please plug the 3.5mm wire into the provided 3.5mm - USB converter (shown on diagram below) then plug the USB end into one of the car's USB ports.

Once this is done, the car will allow you to select 'USB AUX' source – please select this source on the car radio menu to hear all sound from the CarPlay system.

PLEASE NOTE – THE USB-AUX Converter is designed to run with ignition/engine switched ON – it will otherwise fail to activate properly.

## Final Step

Once all connections are made on rear of radio and the CarPlay box, tuck the CarPlay box into the aperture behind the factory radio, ensuring the radio has enough space to go back into position without trapping any wiring. Refit radio and dashboard trim.

### Controls –

#### Console Controls

- 4) Return button – long press to enter/exit CarPlay mode, short press to return to previous menu
- 5) Long press star button to activate Siri
- 6) Selector knob, rotate to select menu items in CarPlay short press to select

#### Notes on first use –

**Always ensure you are using a genuine Apple lightning – USB cable –** aftermarket cables can cause instability as they are not certified for CarPlay. Please tap allow to any notifications that appear on the phone screen after connected to CarPlay. **Siri must be switched on in phone settings for CarPlay to function.**