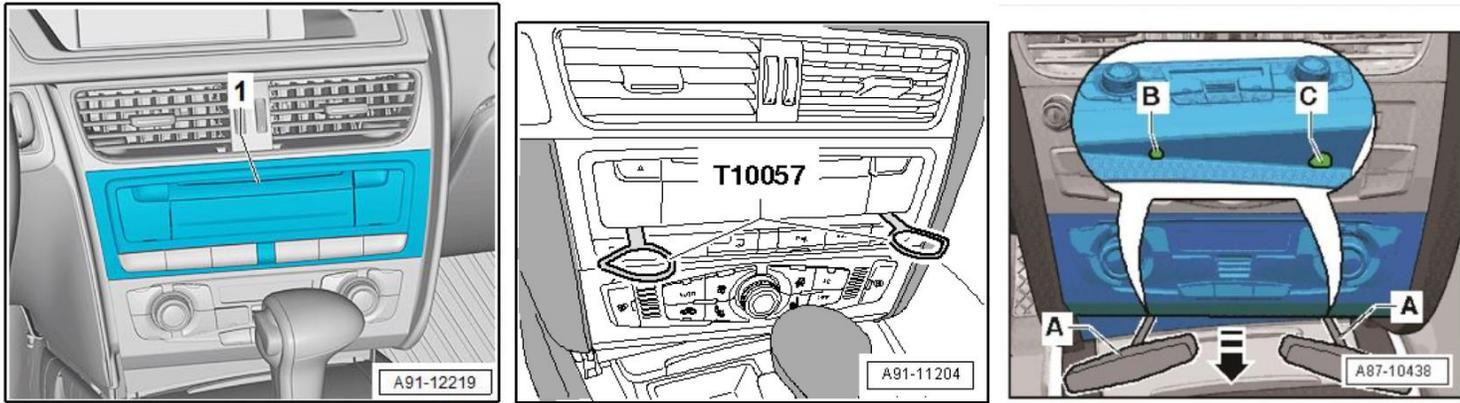# RSNAV.com CarPlay interface for 3G MMI (8K, 8T, 8R)

Version 2.0

Warning: Professional installation recommended. Mask the working trim surfaces properly, otherwise, it will be scratched easily while installing!

1. Installation

Using, VW radio removal tool, pull control unit 1 for infromation electronics –J794—1- out of mounting frame, and using -A- forklift tools, remove the climate control unit by pulling hook hole -B- and -C- together using the tools. Be careful when pulling out the climate unit as it is attached with four spring clips. Release and unplug necessary connectors at the behind of the control unit.
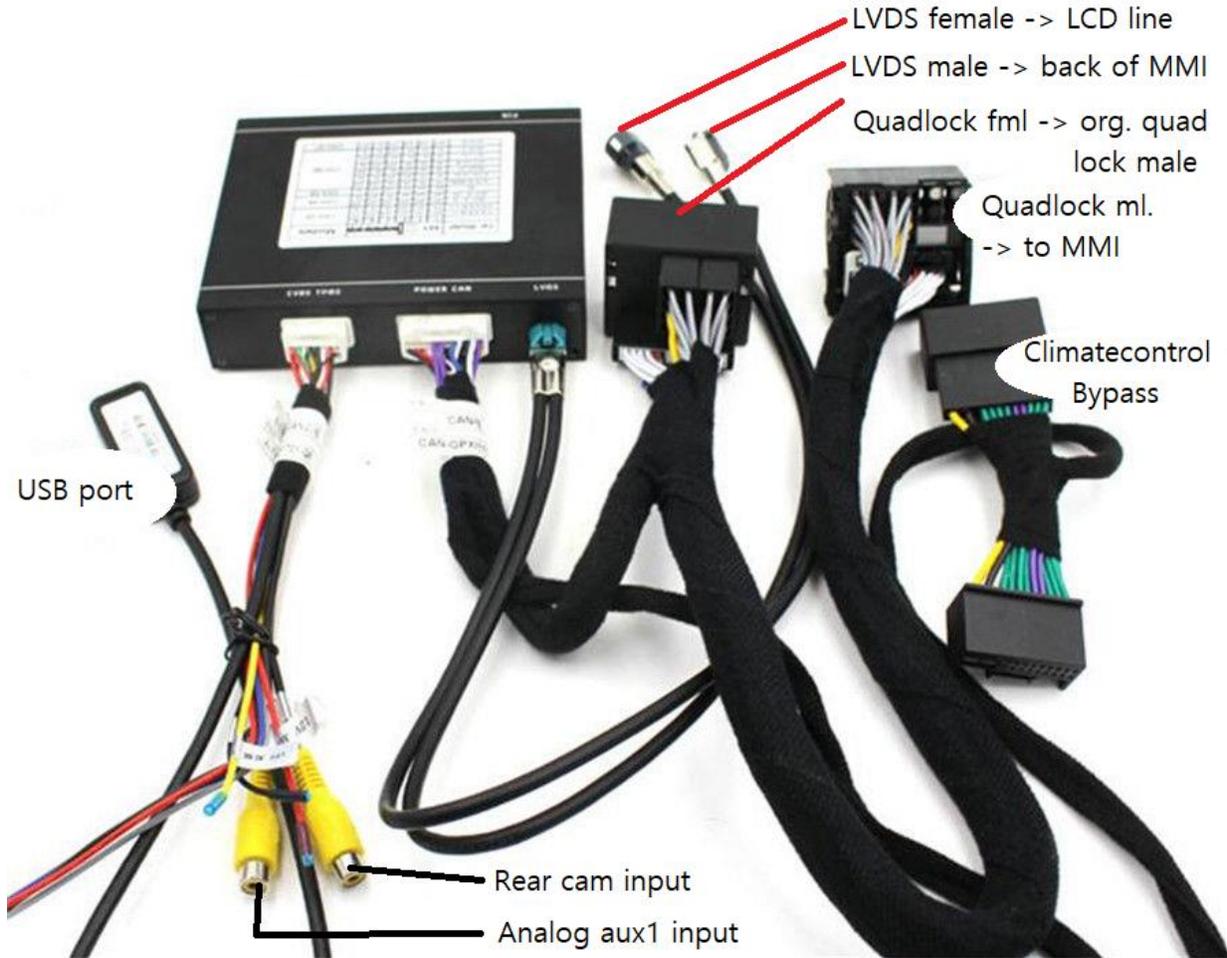
2. Dip Switch Settings

3G MMI variants

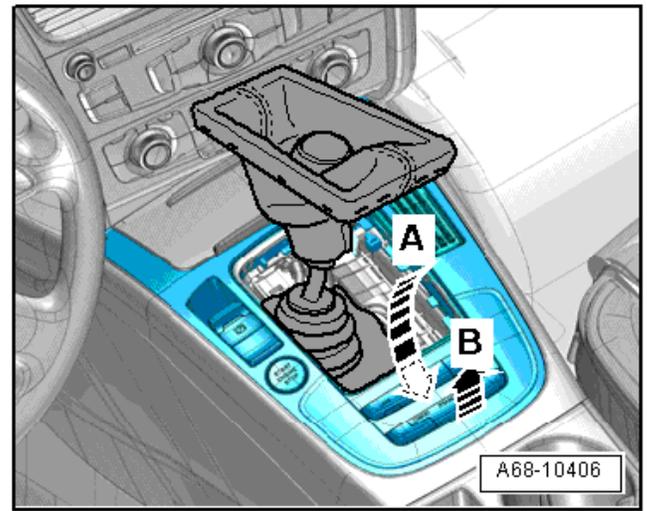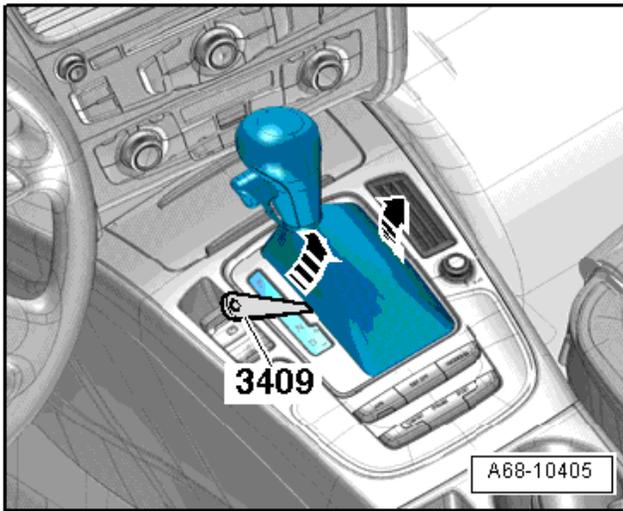|	1	2	3	4	5	6
B8(A4, A5) Facelift C7(A6, A7) 8R(Q5) Facelift MMI. ver. HN+_	Up	Up	Up	Up	Up	Up
B8 Prefacelift 8R Prefacelift MMI. ver. HNAV	Up	Up	Up	Down	Down	Down
C6(A6) 3G MMI MMI. ver. HNAV	Up	Up	Down	Down	Up	Down
4L(Q7) 3G MMI MMI. ver. HNAV	Up	Up	Up	Up	Down	Up
D4(A8, A8L) 3G+ MMI. ver. HN+	Up	Up	Up	Up	Up	down

A. Connect the cable harness as described aboveplace the interface behind the climate control on a flat surface and mount it firmly using cable ties or double side tapes.

B. Routing USB port out below the climate control.

C. If you want more OE styled installation using cigarette socket in front, purchase 'Car Dash Cigarette Socket Mount USB Data Extension' like pictured below sold in Amazon or Ebay but keep the entire extension length under 3 foot.


D. Proceed following if you are going to install the extension. Remove the shifter using Trim Removal Wedge Pry(like 3409) and put your hand into the bottom of the center console like –A- and push up like –B- and remove console carefully unplugging

connectors.

E. Remove ashtray cover by removing two bolts -4, 5-, and lifting up latch -2- from -3-, and take out the cover -1- and remove the whole ashtray assembly. Unplug cigarette lighter socket.
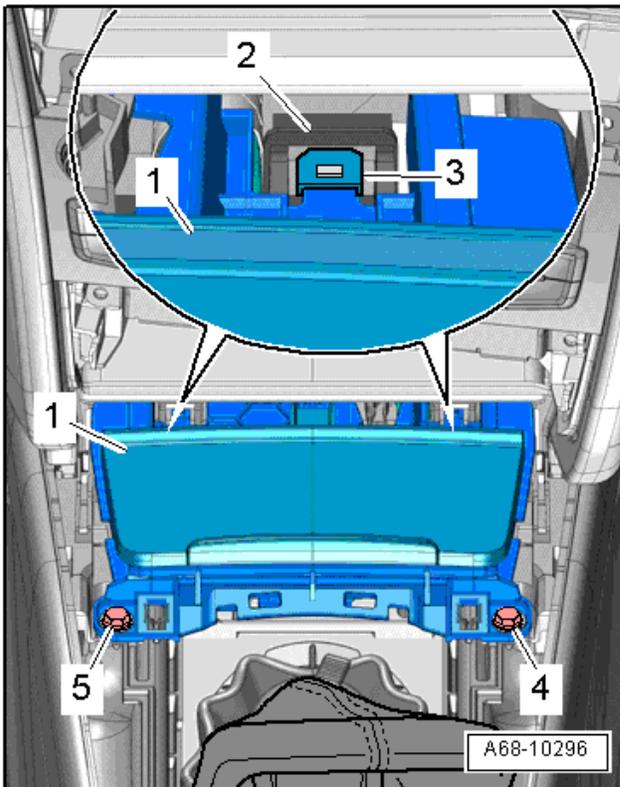

Mount the supplied USB extension to the cigarette lighter socket and run the USB wire to the main harness of the interface and connect it into the USB port in the harness.

F. Reassemble everything back.

Note that to hear any sound from CarPlay interface, you must select 'external audio input' from 'Media' of your 'Audi MMI' menu.

*Alternate USB route to the armrest. (removal of whole center console required): Follow the description and unscrew the entire bolts (shown in pinks) necessary. Remove the center console trim to have access to the armrest.

RSNAV.com CarPlay interface for 3G MMI (8K, 8T, 8R)
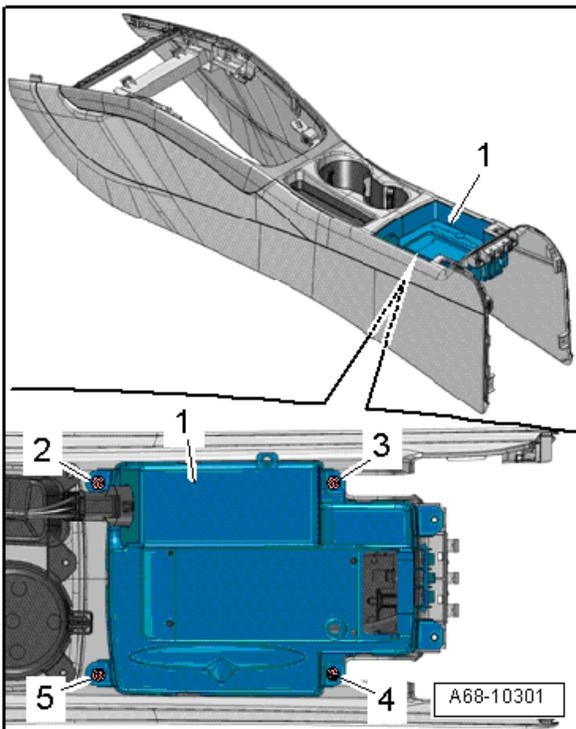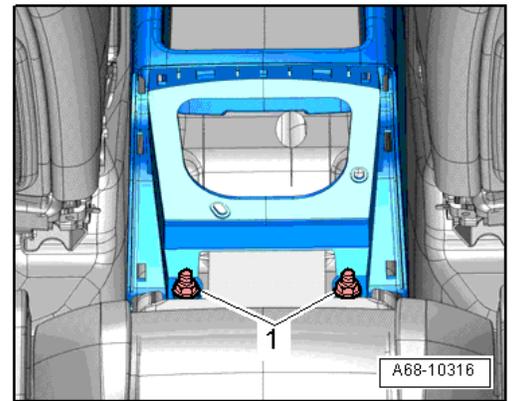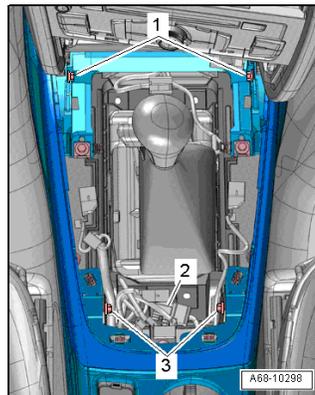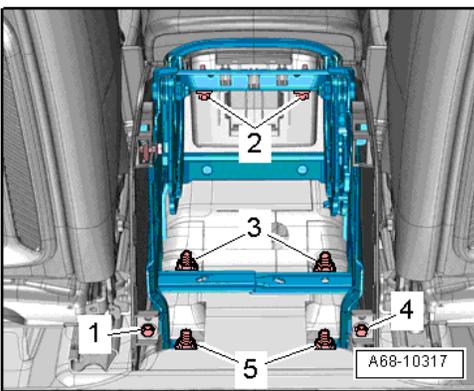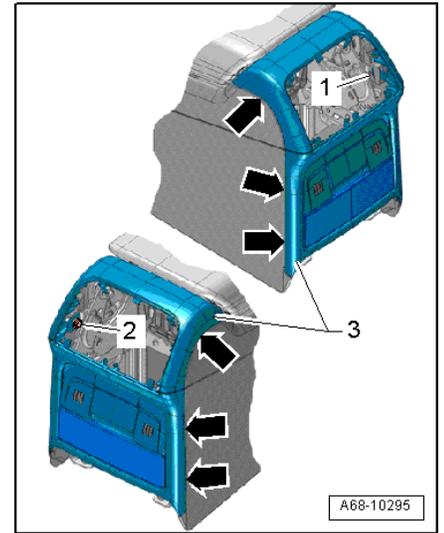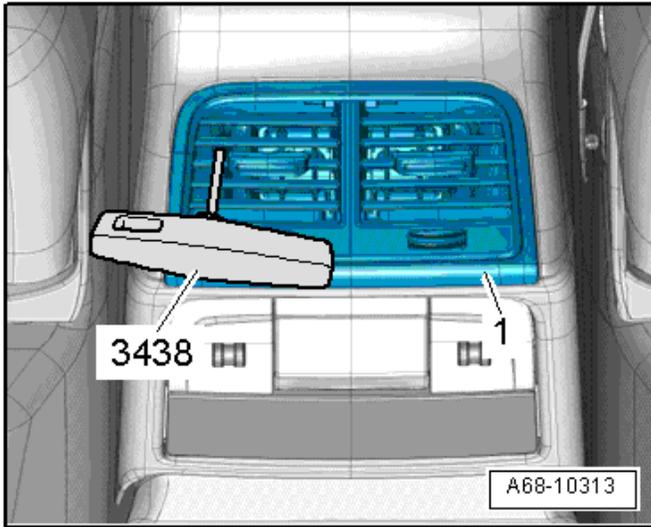

Replace 12v socket in the armrest or drill a identical whole to mount the USB socket.

G. Enabling Aux input in MMI for the CarPlay interface

1. Preparation: Enable Green menu using VAGCOM or OBD Eleven

RSNAV.com CarPlay interface for 3G MMI (8K, 8T, 8R)

Connect with module 5F – Control Head.

Choose procedure 10 – Adaptation.

Choose Perquisite Channel 6.

Read stored value. By default it should be 0.

Change value to 1 and save it.

Read stored value. Now it should be 1.

Exit
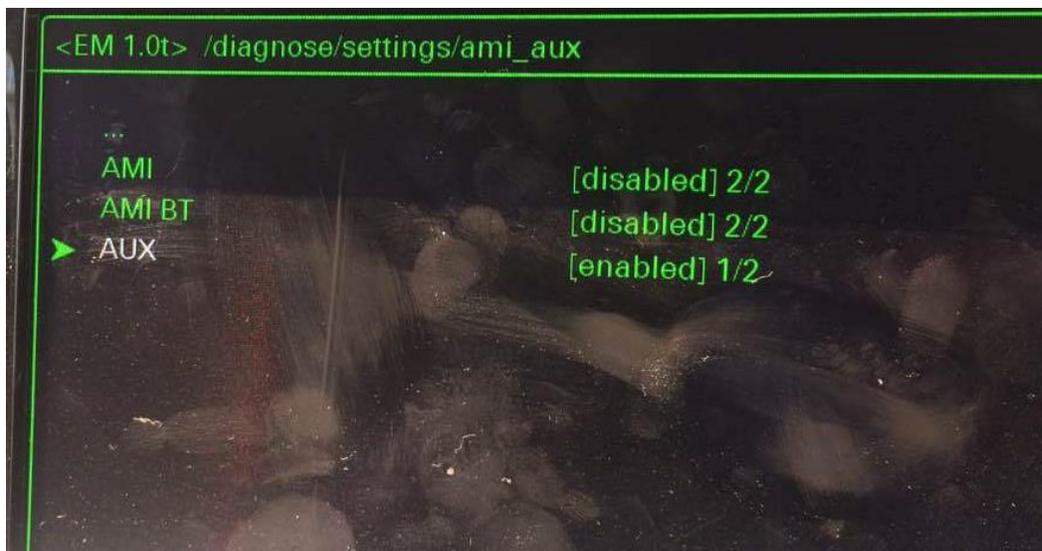
Audi MMI 3G AUX activation procedure

1. Turn key into II position and wait for the MMI 3G system to start. You can also use keyless buttons.

2. Press and hold buttons MENU(or SETUP) and CAR.

3. After couple of seconds hidden green menu will appear. You can now release the buttons.

4. Navigate to diagnose → settings → AMI/AUX.

5. Change the value of "AUX" "disabled" to "enabled" preserving other options.

6. Press RETURN and CAR buttons at the same time to exit hidden green menu.

7. Restart the MMI

Audi MMI force restart procedure – 3G, 3G+

Locate button:

A. MENU(or SETUP) button

B. MMI Center knob

C. Upper-right soft button

Press and hold those buttons at the same time.

After two seconds release buttons. Audi MMI screen will go black for few seconds and system will reboot.

Reminder: For Apple CarPlay, please deactivate your Bluetooth in your iPhone manually, Otherwise, Audi car mic will not pick up any voice for your handsfree call. Apple does not allow our device to deactivate your iPhone's Bluetooth when connected with CarPlay, thus it's Manual.

For Android Auto, remain in Bluetooth in Audi MMI Media, so that both handsfree and A2DP music to be heard. IF you prefer to keep superior media streaming, you can deactivate media profile in your Android phone and switch to External Audio Sources in Audi MMI Media. But you may required to switch to Bluetooth manually when receiving a call.

1. MMI buttons features

MMI center console button descriptions:

1. Volume key: short press to mute/unmute, tilt left or right for media track control(prev. or next) or use prev. next buttons below if you have those.

2. Menu key: short press back to CarPlay/Android Auto interface

3. Return key: Short press to return to the previous menu/Menu level(to lower menu) change in Android Auto

4. MMI Knob: Browsing screen menu as original mmi does

5. Four-way joystick: Browsing screen menu, press to 'confirm' (ignore if you don't have joystick)

6. NAV key: long press (3 sec) toggle to switch between original MMI interface and CarPlay/Android Auto interface

7. Media key: Audio source access for original MMI. Must switch into Auxiliary input for CarPlay Interface Enabling 'Aux' input described in installation manual
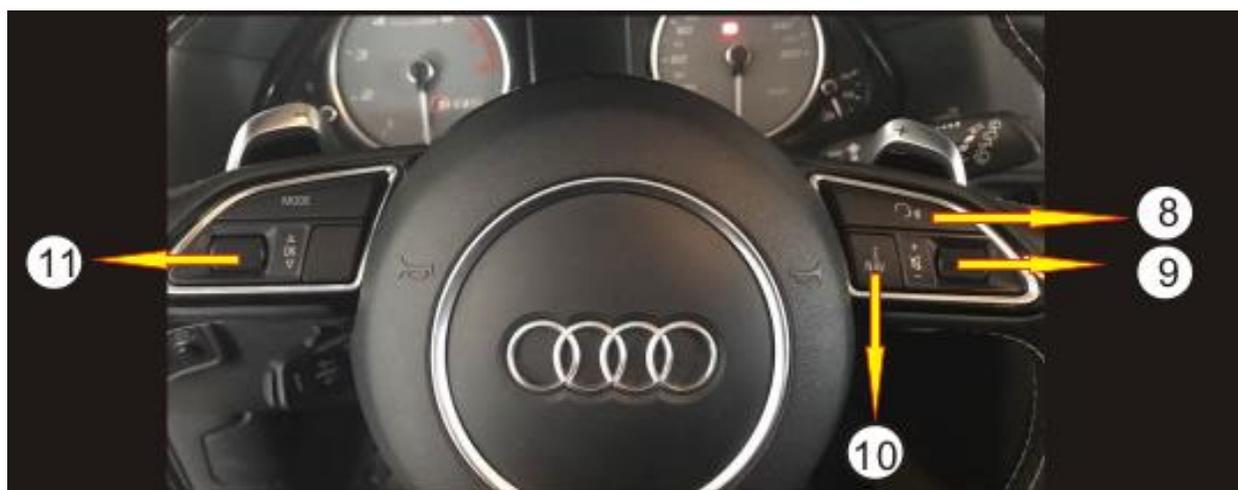
Steering Wheel button descriptions:

8. Voice key: short press for MMI original voice recognition, long press for 3 seconds or more for Apple Siri command

9. Volume key: Volume control as original MMI does

10. NAV key: long press for 3 seconds or more to switch to the device's main setting menu (for additional features and firmware update)
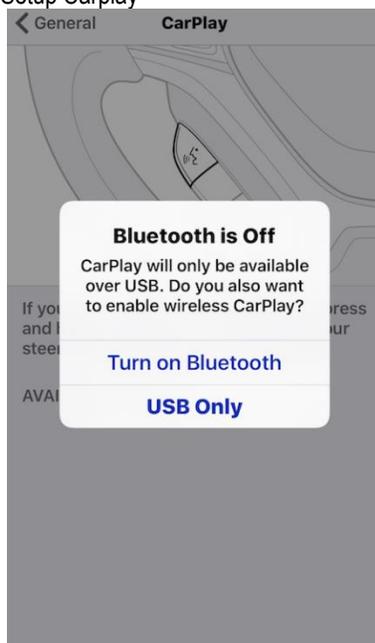
11. Browsing scroll: scroll up and down to select screen menu items, press to execute the selection. .

     2.   Setting your iPhone

1. Turn on the car if you haven't done so already
2. Open the Settings app on iPhone and go to "General" and then to "CarPlay"
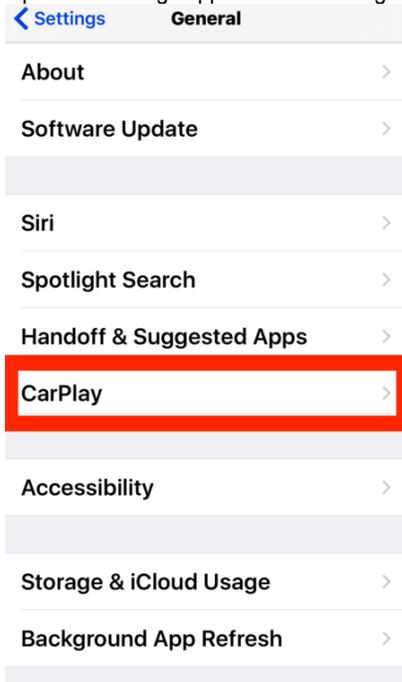
3. Setup Carplay

4. You may have two options to setup CarPlay: Choose **USB only**.
5. Connect the iPhone to the USB port in the car to begin the CarPlay setup
6. Setting up CarPlay: Once the CarPlay interface has been detected, select it from the list of available cars and the in-dash display should display CarPlay interface setup