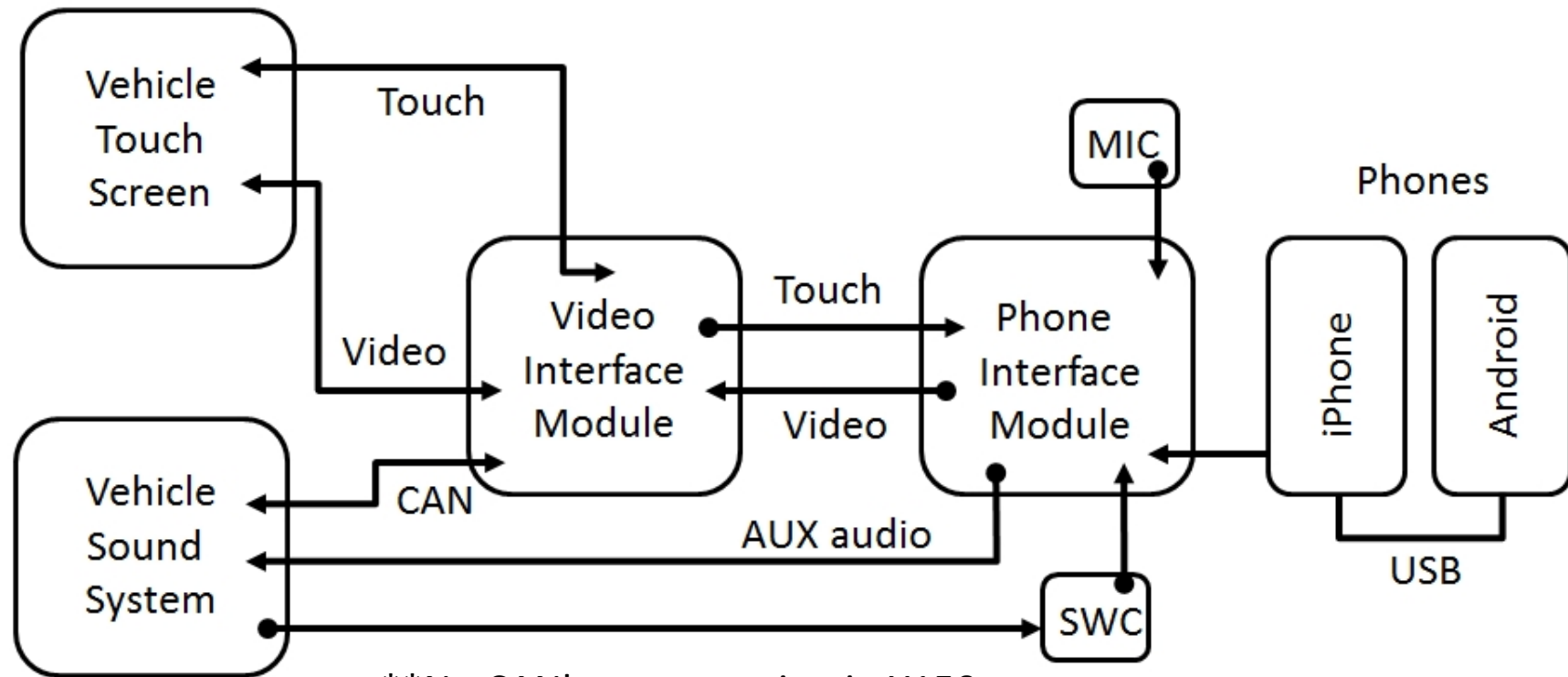


Apple CarPlay & Android Auto

Jaguar X150 XK/XKR



Apple CarPlay / Android Auto Integration Concept



**No CANbus connection in X150

- Requires AUX input to be activated in factory radio
- 2006-2009MY (4.2L) can be activated by JLR dealer
- 2010MY-onward (5.0L) requires special programming

Session Recommendations

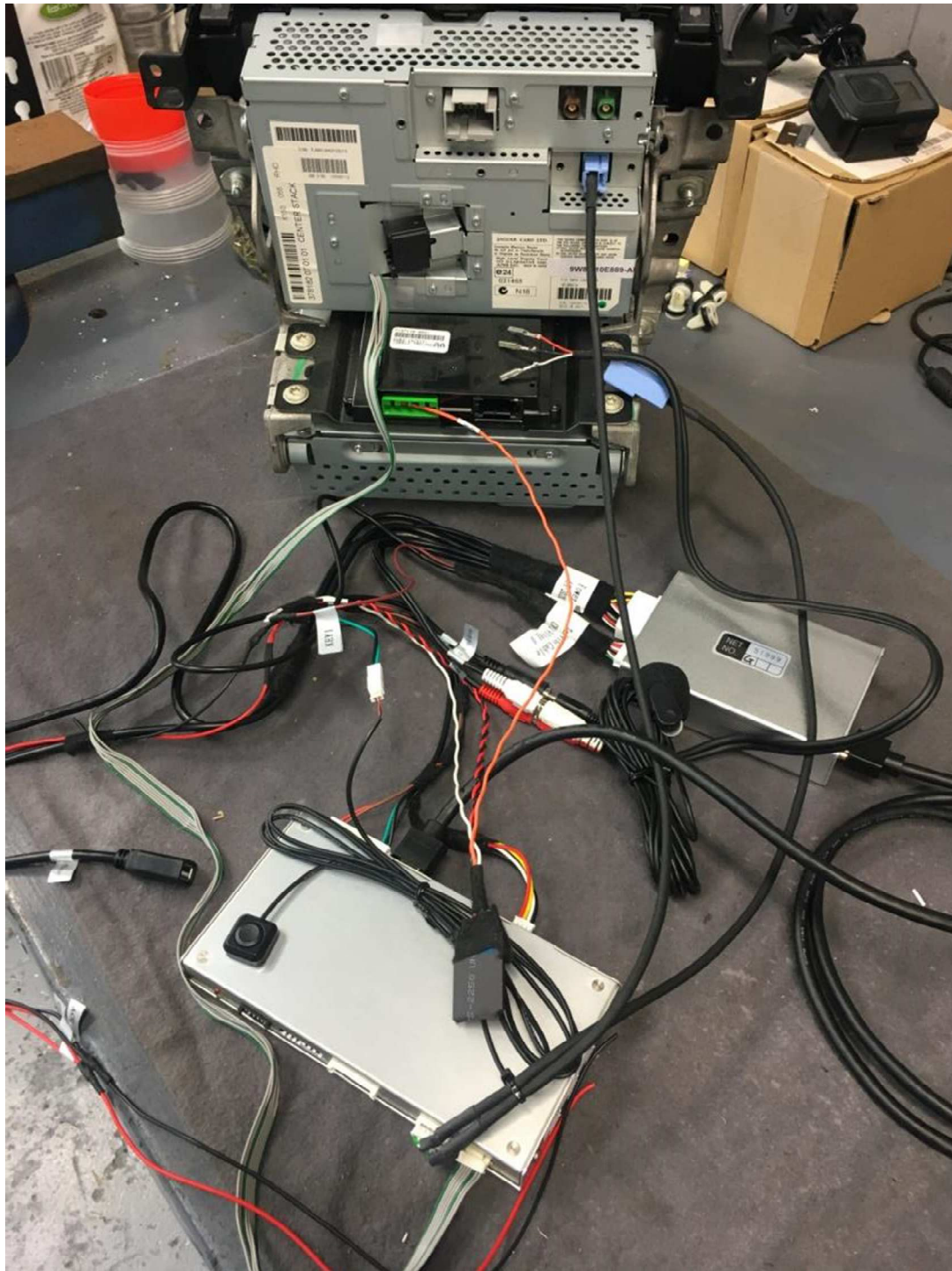
i Service Functions

To ensure all screen options are available when running any set-up applications please select full screen view via the F11 button.

Service Functions

Body, Accessories, Security

Type	Description	Status
	Add/remove accessories - Auxiliary audio input	Not run
	Add/remove accessories - Inzdigr D-JLR series digital radio	Not run
	Add/remove accessories - Mirror personalisation features	Not run
	Add/remove accessories - Tire size (rolling circumference)	Not run
	Body systems - Driver's side - Door glass window calibration	Not run
	Body systems - Passenger's side - Door glass window calibration	Not run
	Body systems - Steering column calibration	Not run
	Seats - Driver's seat calibration.	Not run
	Seats - Passenger's seat calibration.	Not run

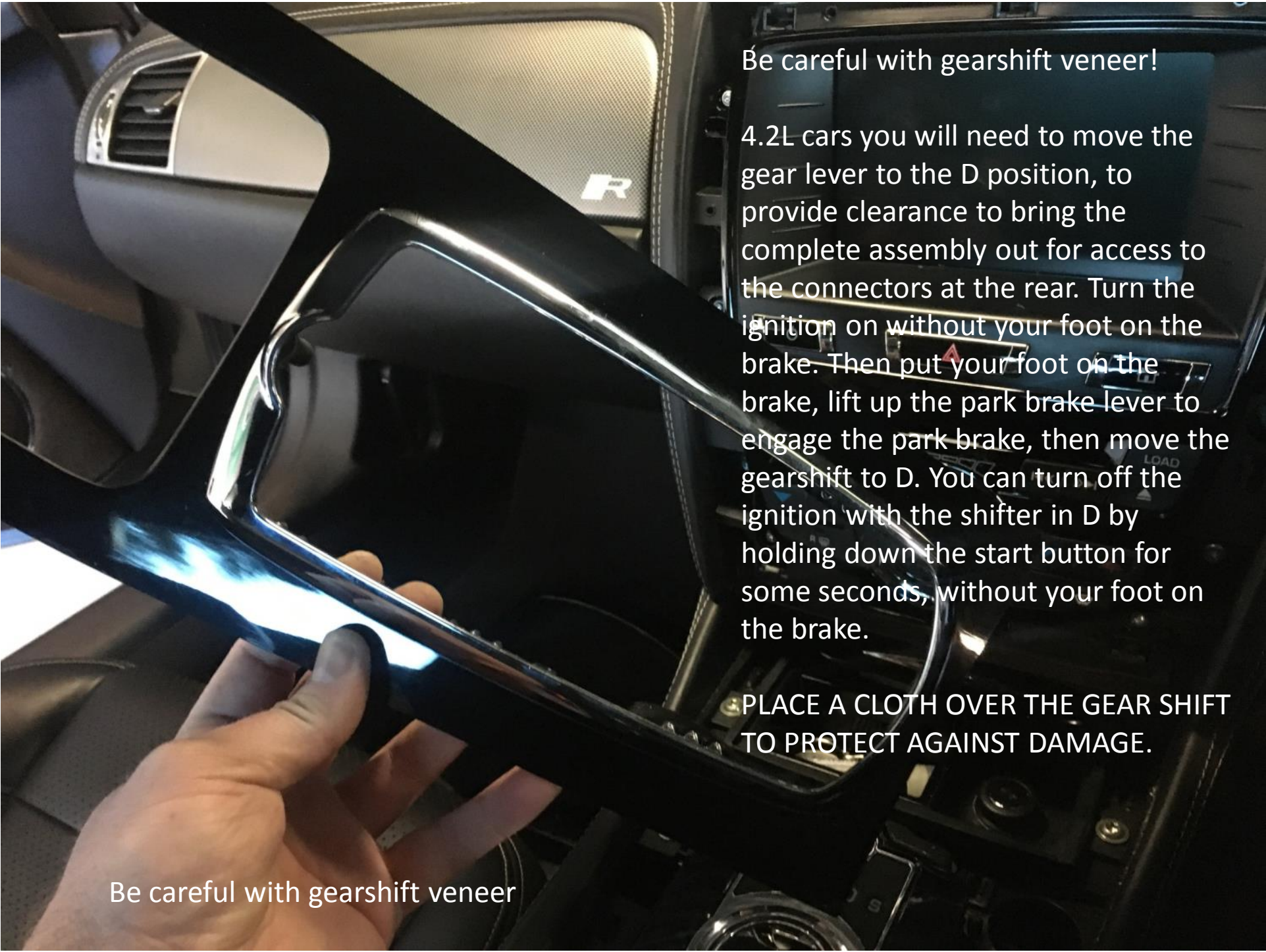


General layout of components

- AUX input to head unit
- SWC wire to ICM green connector.
- ACC & Ground wires from lighter
- Touch cables from screen
- Microphone to NetPlay
- USB cable
- Hidden switch
- HDMI cable between modules
- GVIF cable to screen



Remove veneer around screen and gearshift assembly

A close-up photograph showing a person's hand holding a black, glossy gear shift veneer panel. The panel is being positioned over the center console of a car. The console has a gear shifter and a handbrake. The background shows the interior of the car, including the seat and dashboard. The text "Be careful with gearshift veneer!" is overlaid on the right side of the image.

Be careful with gearshift veneer!

4.2L cars you will need to move the gear lever to the D position, to provide clearance to bring the complete assembly out for access to the connectors at the rear. Turn the ignition on without your foot on the brake. Then put your foot on the brake, lift up the park brake lever to engage the park brake, then move the gearshift to D. You can turn off the ignition with the shifter in D by holding down the start button for some seconds, without your foot on the brake.

PLACE A CLOTH OVER THE GEAR SHIFT TO PROTECT AGAINST DAMAGE.

Be careful with gearshift veneer



Six screws to remove, the whole assembly lifts out (unplug cables)

Need to remove sides of centre console to access power & run USB cable to armrest



This connector has ACC power & ground (circuit to cigar lighter)





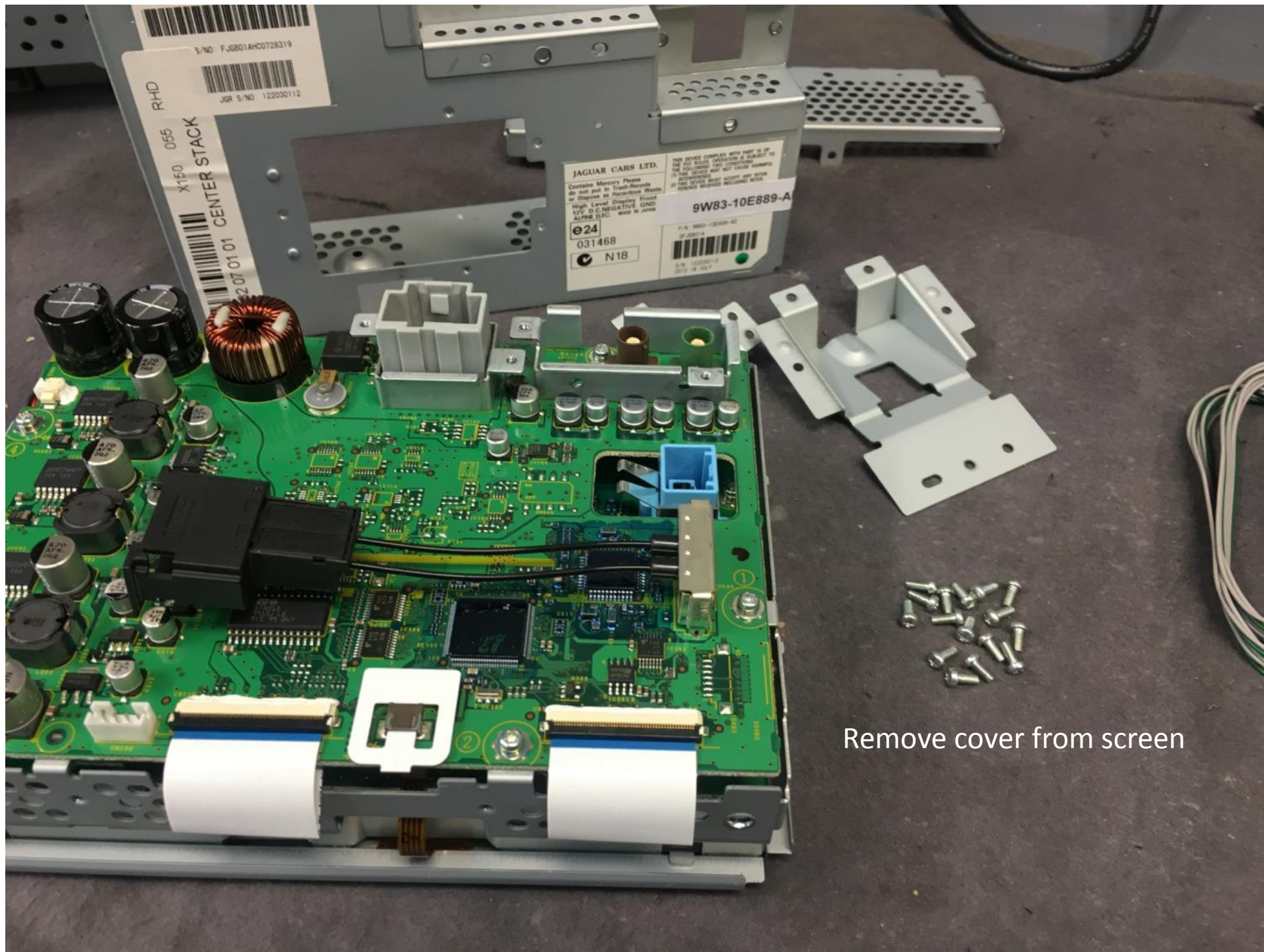
In 2009MY-onward can install USB socket here, in earlier cars need to use a standoff



Complete assembly removed from car



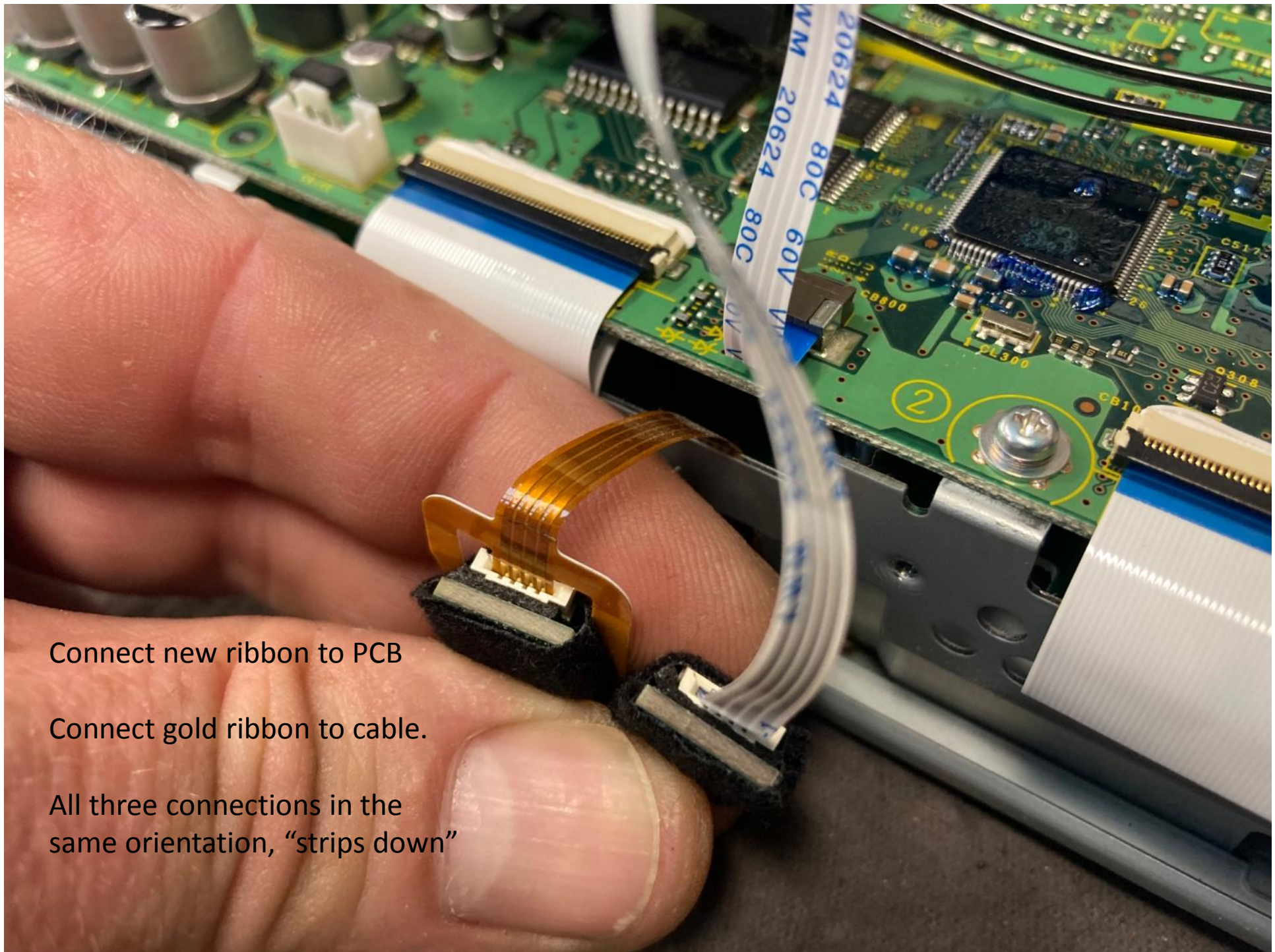
Touch cables to connect
to screen



Remove cover from screen



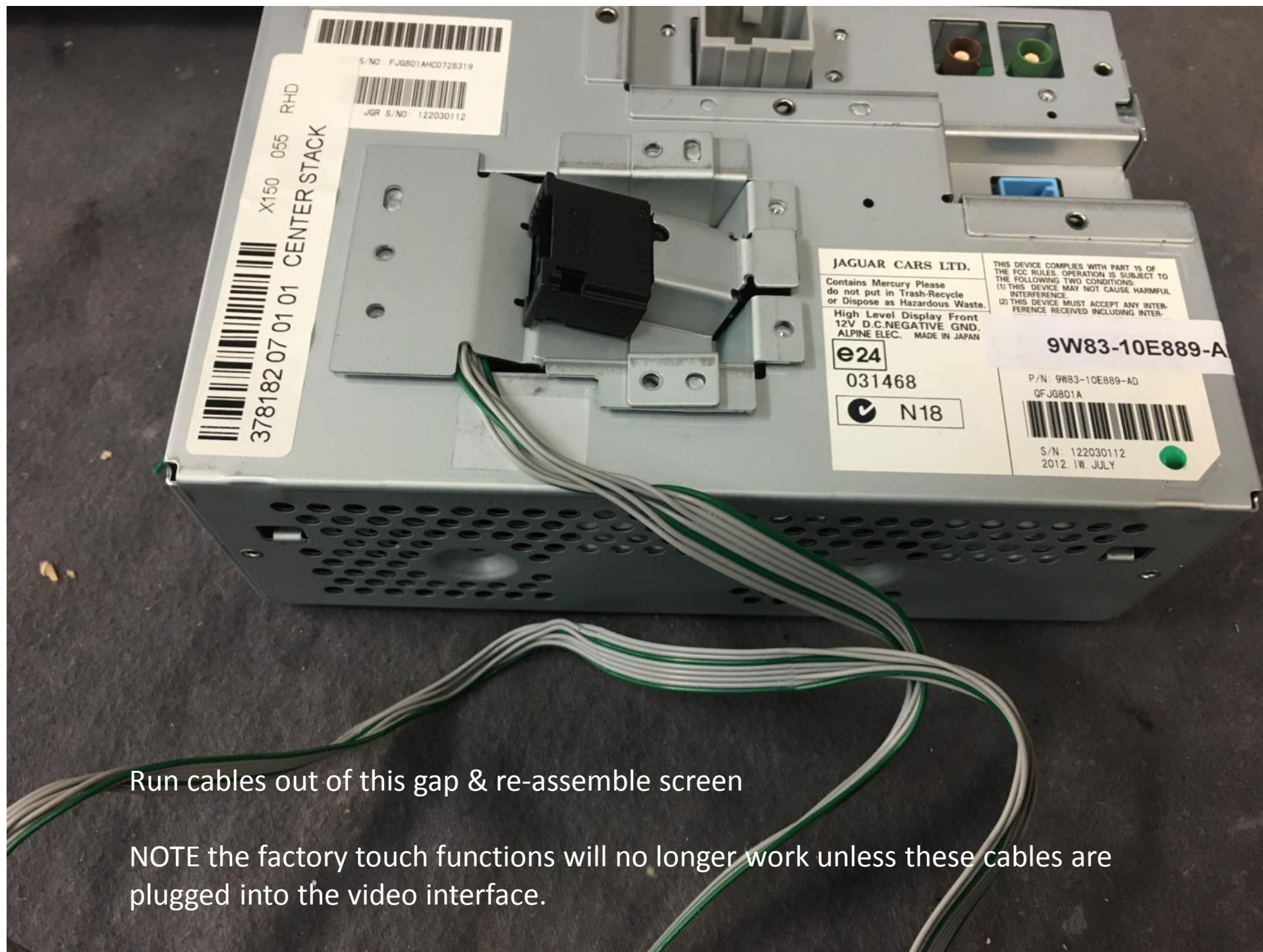
Touch cables connected here.



Connect new ribbon to PCB

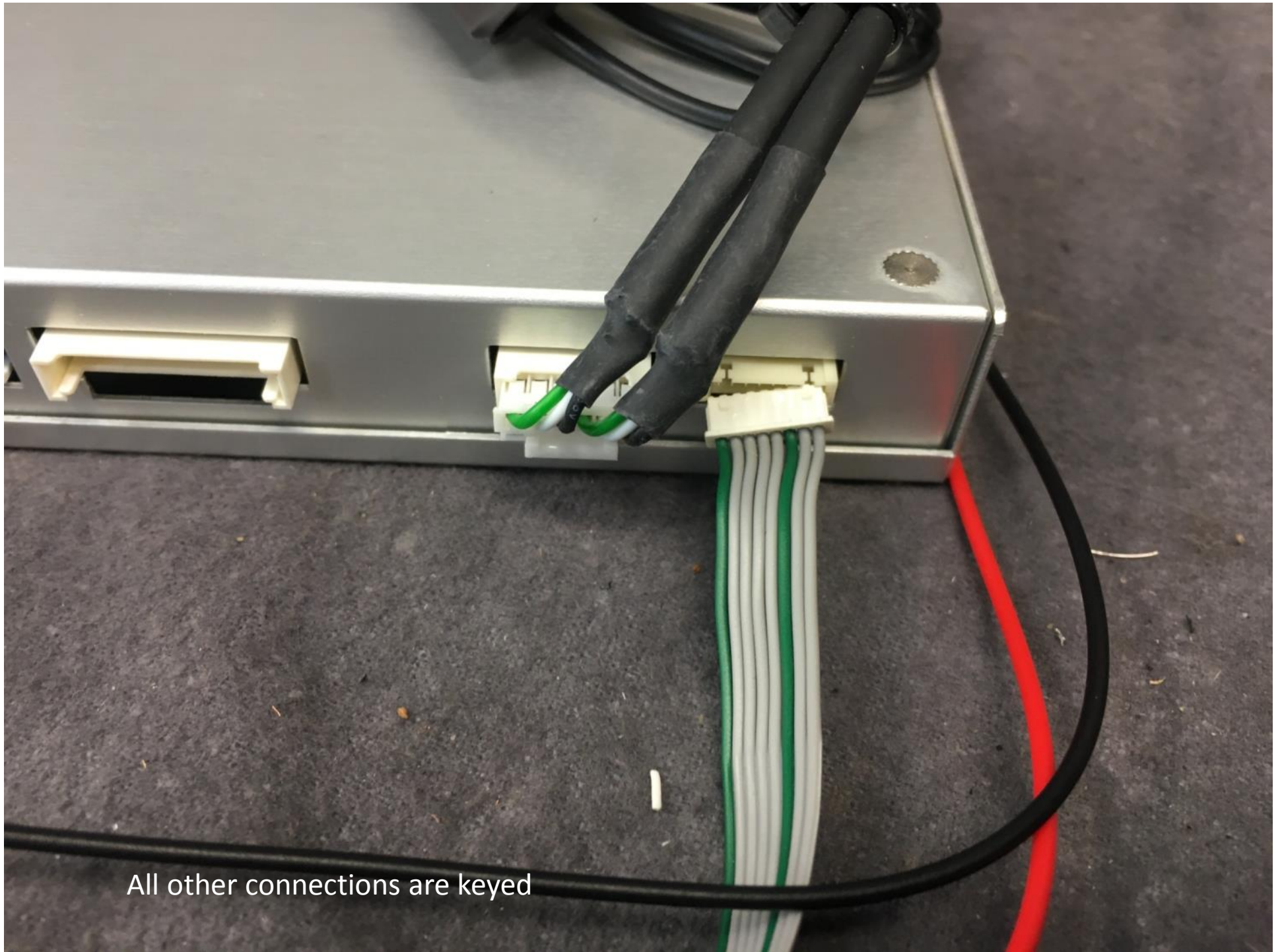
Connect gold ribbon to cable.

All three connections in the same orientation, "strips down"



Run cables out of this gap & re-assemble screen

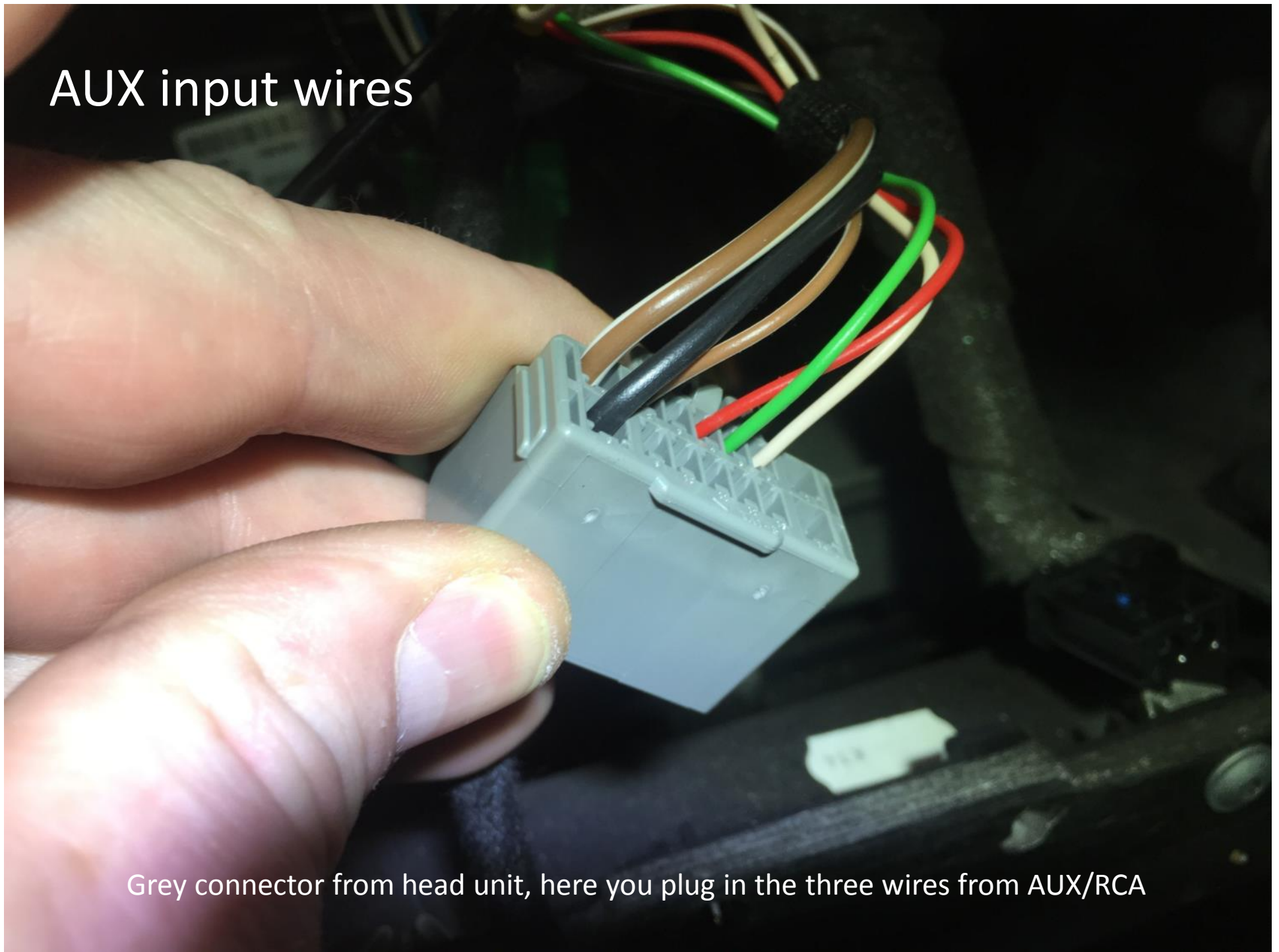
NOTE the factory touch functions will no longer work unless these cables are plugged into the video interface.



All other connections are keyed

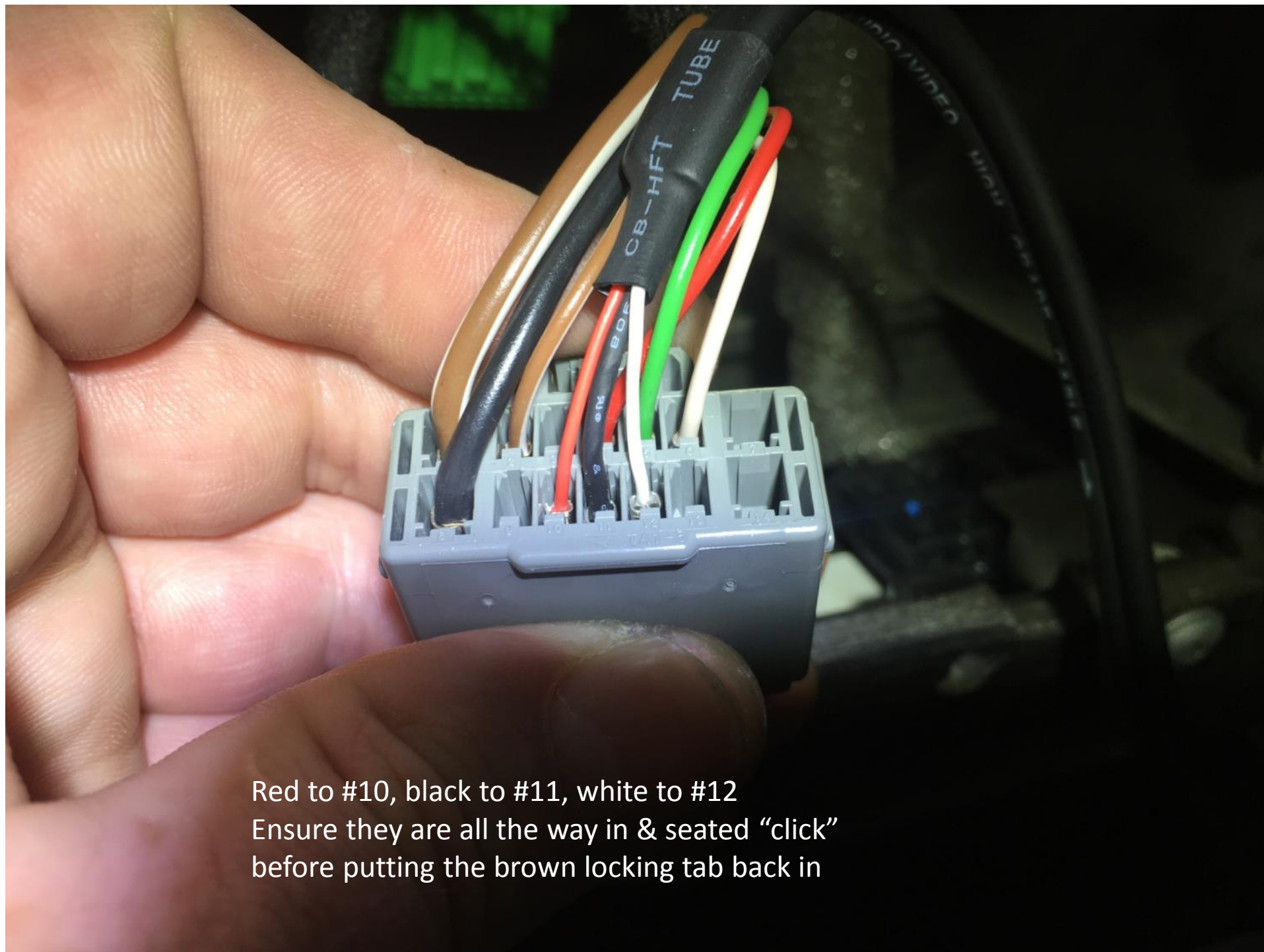
AUX input wires

Grey connector from head unit, here you plug in the three wires from AUX/RCA





You need to pop out the brown locking tab before you insert the terminals



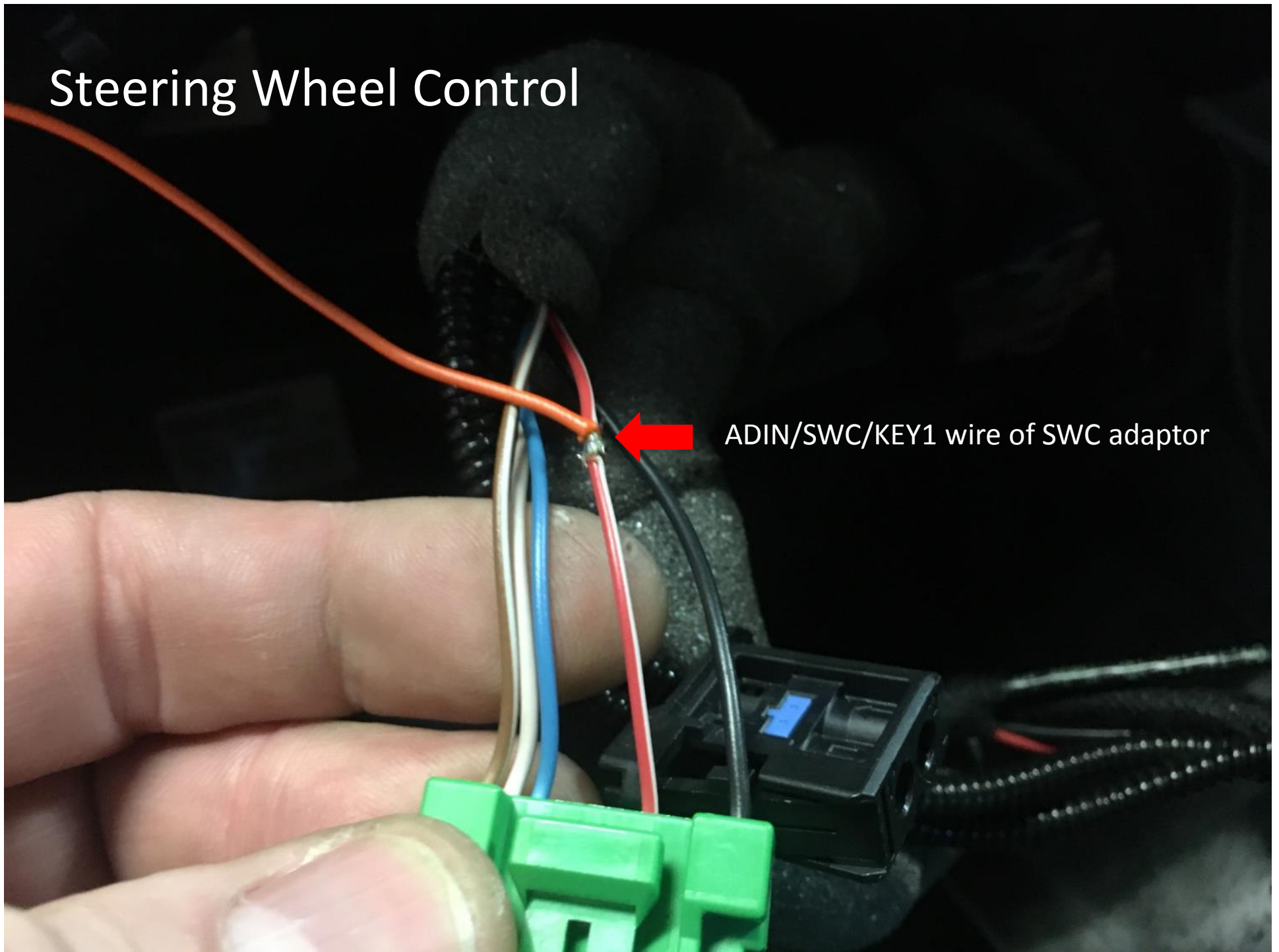
Red to #10, black to #11, white to #12
Ensure they are all the way in & seated "click"
before putting the brown locking tab back in

Soldered connections

- ACC & GND (cigar lighter circuit)
- SWC wire at green connector (SWC)
- ILLUM-DET blue wire in rear fuse box (number plate lights).

Steering Wheel Control

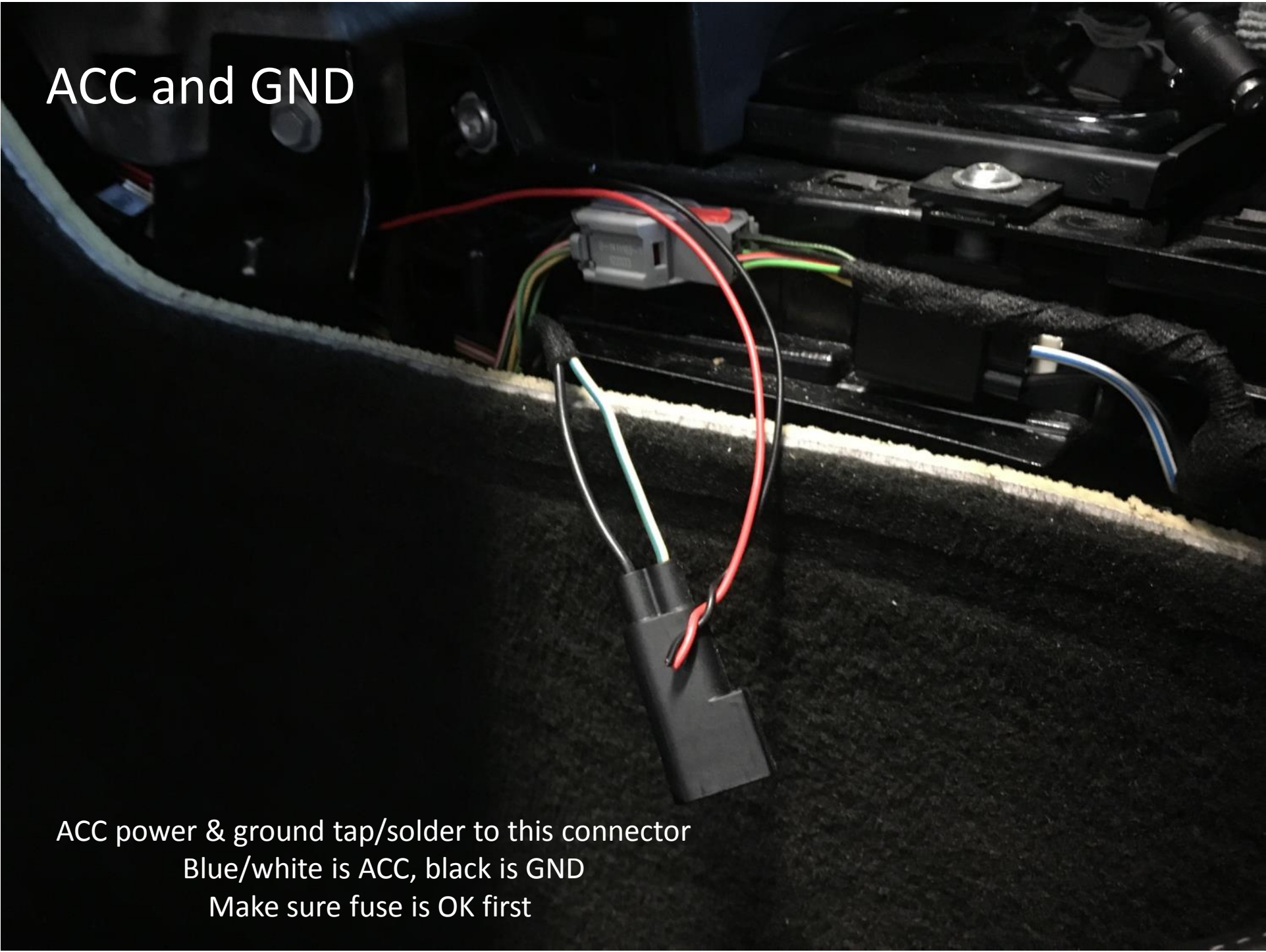
ADIN/SWC/KEY1 wire of SWC adaptor





USB cable from armrest, plug into “phone USB” of Netplay

ACC and GND



ACC power & ground tap/solder to this connector
Blue/white is ACC, black is GND
Make sure fuse is OK first



NetPlay will fit on the left side, the video interface will fit at the rear of the cavity, need to have it sitting upwards, with the HDMI socket pointing up.

Tuck all the wires away to the sides as much as possible.



Microphone

Run the microphone from the drivers side a-pillar under the steering column, & plug into socket on the NetPlay harness.

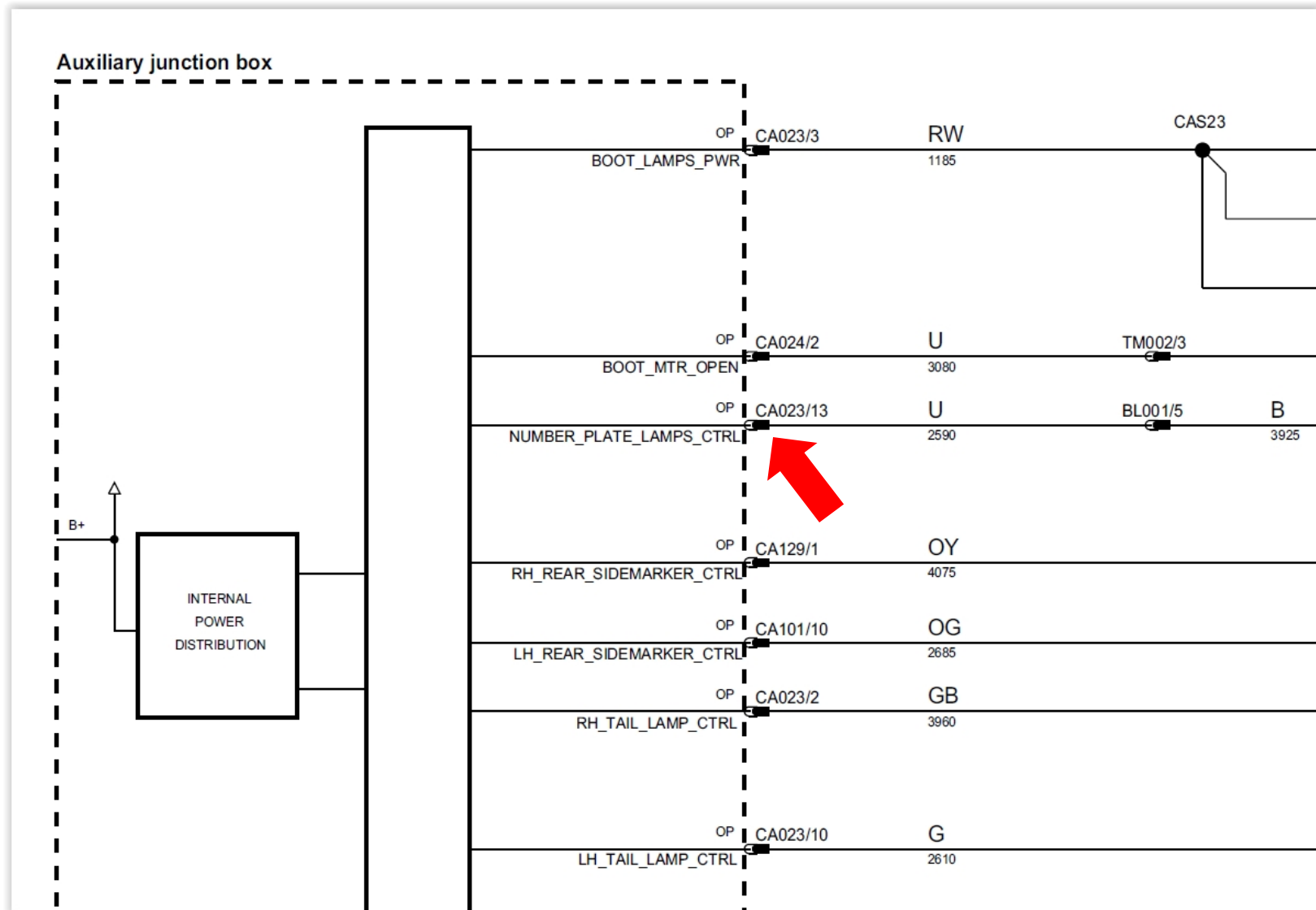


Illumination Detection – CA023-13

This wire can be tapped to the number plate light circuit in the rear junction box.
Blue wire, number 13 in the green connector at the top of the fuse box.



Illumination Detection

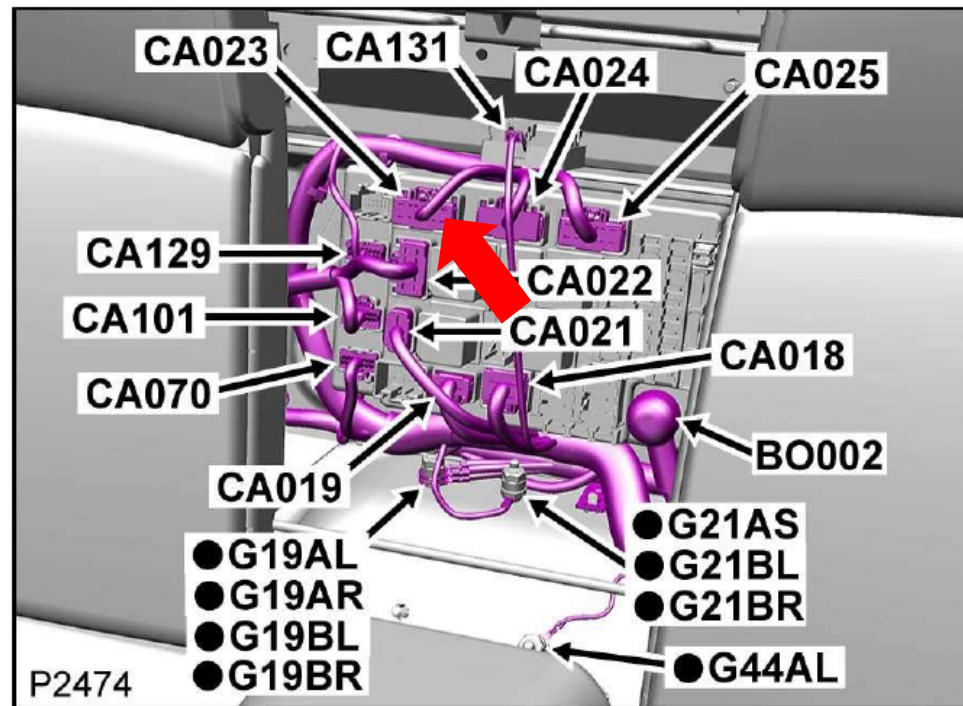


Illumination Detection

Description: **Junction box-Auxiliary**

Location: **Behind rear seat backrest**

Qualifier:



Once everything is connected you are ready to finalise the setup.

Set audio to AUX.

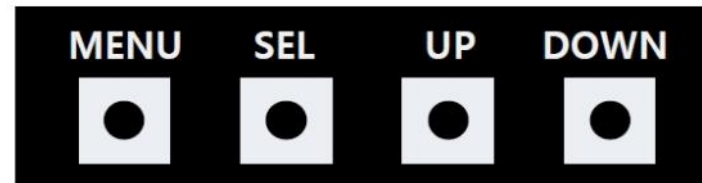
Go into Navigation menu.

Press switch.

The screen should be black with “no input”

Need to setup the video interface for Digital input.

OSD(On Screen Display) Control Board



MENU	• The OSD screen can be switched ON/OFF • Return to previous menu
SEL	• Select the currently active item • If the OSD screen is off, mode changes can be made.
UP	• Move up from the menu • Increase the selected item value
DOWN	• Move down from the menu • Decrease the selected item value

OSD Control

Config

MENU	Config	NAVI
Config	NAVI-RGB	DIGITAL
Option	DVB-T(IMB)	ELT_DVBT20
Image	DVD	ELT-980XU Slim
Screen	Reset	Execute Cancel
Parking		

Using the keypad, set the NAVI source to Digital
Config → NAVI-RGB → DIGITAL

Once set to Digital you should see the NetPlay screen in the background.

NetPlay set up.

First of all you will need to make a Touch calibration, this can be initiated two ways;

#1 press & hold the middle of the screen for 30 sec

Or

#2 unplug the 4-pin touch cable that is plugged into the video interface, and short out the 4 wires for about 10 seconds, when the screen switches to the touch calibration, plug the 4-pin touch cable back in to the video interface

See video of touch calibration here <https://youtu.be/AvhbT7gEOYA>

A close-up photograph of a person's hand pressing the center of a car's infotainment screen. The screen displays a 'Main' menu with icons for 'CARPH' (a play button in a circle), 'TOOTH' (a Bluetooth symbol in a circle), and 'MUSIC' (a musical note in a circle). At the top of the screen, there are icons for a home button, volume, and a return button. The hand is positioned over the 'TOOTH' icon. The car's interior, including a speaker grille and a physical home button, is visible in the background.

Press & hold in the middle of the screen to initiate the touch calibration.



Press each + target as accurately & gently as possible.



Swipe the screen to the left to get to the Settings menu
To swipe remember it's a resistive screen, press firm and drag your finger slowly



SWC learning to set steering wheel buttons





Factory Mode



0000

Backspace

0

1

2

3

4

Clear

5

6

7

8

9

Ok

Factory mode password is 0000





Here you can choose a boot logo,
also set if the car is RHD or LHD (changes layout of CarPlay & Android Auto)



Adjust brightness & contrast as required.

Other tips

Dip switches on Video Interface, set 2, 3 & 4 to on, all others off.

You may need to shift the video image to the right a little (noise at far right of screen), this can be done in the menu of the video interface using the keypad

If you want to use the video interface to add a reverse camera, you will need to add a trigger wire from the reverse lamp circuit, and set up the camera in the video interface menu. (note camera can only be displayed in when in the Navigation menu, same as the NetPlay).

Remember the operation of switching between factory screens & NetPlay screens

➔ Go into navigation menu, press hidden button.

➔ Press home hard-key, press hidden button.