Fitting Instructions

SKU

UNTC008

PRODUCT

Wiring Harness: UNTC008 Vehicle Specific instructions for: BYD Atto 3 Hatch (06/22-on)

SPECIFICATIONS

- Approx. Fitment Time: 60 Minutes
- Dealer Coding Required: No
- RPA override: Via Infotainment
- Fitment: For Professional Fitters -Splicing/Soldering/Scotch locking required



Scan for latest version of these instructions

TOOLS REQUIRED

- Spanners
- Sockets
- Pliers.
- Trim Removal Tool
- Screw Drivers

IN THIS GUIDE

- Fitment Instructions
- Warnings
- Warranty Info

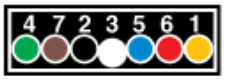
Important Information

Warning:

- This unit is designed to bypass the electronic control module in the vehicle.
- This unit will not require dealer coding.
- The power source wire is for 12volt only. This can be taken directly to the battery or to a constant power source. This wire must have a 10-amp blade fuse housing attached. Please check that a 10-amp fuse is installed.
- THE 10AMP FUSE MUST NEVER BE REMOVED AND CANNOT BE CHANGED FOR A HIGHER AMP FUSE.
- If your vehicle has a dedicated towbar fuse within the fuse box, this is to remain as well – no fuse is ever to be removed or cut out.
- Make sure to inform the customer that there is a 10-amp blade fuse on the power source wire wherever you have made the connection, in the event the fuse needs to be replaced. **Kindly show them where they can access it.**
- Please give this copy of the instructions to your customer.
- Contact an authorised TAG distributor or the TAG fitment center - (07) 3208 3022 - if further information is required.

7 Pin Flat Plug & Socket

PIN No.	CIRCUIT	COLOUR
1	Left-hand turn	Yellow
2	Reversing signal	Black
3	Earth return	White
4	Right-hand turn	Green
5	Service brakes	Blue
6	Stop lamps	Red
7	Rear lamps, clearance & side marker lamps	Brown



7 Pin Plug



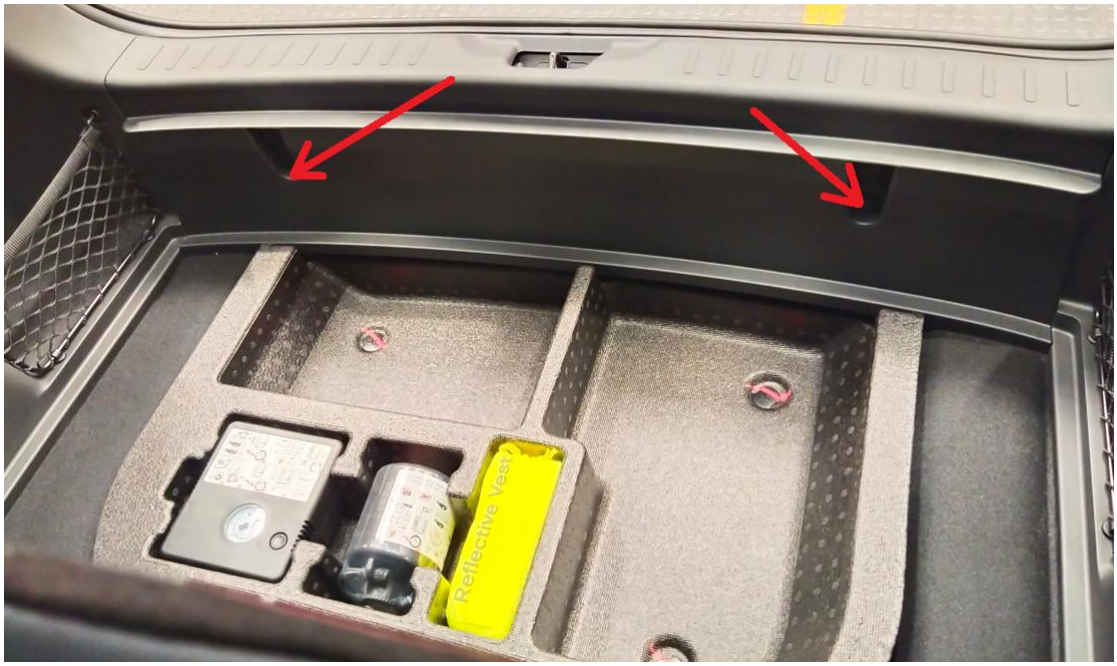
7 Pin Socket

Step 1: Install UNTC008 Harness

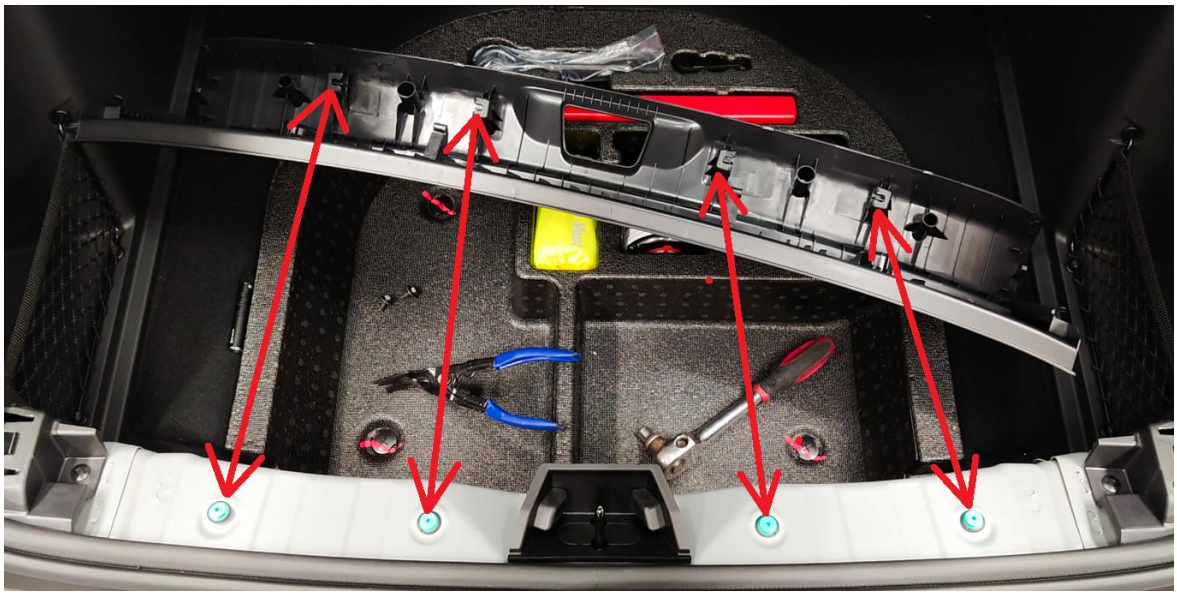
1. Open the tail gate.
2. Fold down the rear row seats.
3. Remove the cargo cover
4. Remove the luggage compartment floor/tool tray cover.



5. Remove the 2 bolts securing the luggage compartment scuff trim.



6. Carefully but firmly pull up the scuff trim to dislodge. Be careful as to not damage the retaining clips. If the clips are damaged, please replace when re-installing.
7. If the clips stay on the vehicle, use a scrivet puller to pull them out and put them back on the scuff trim.



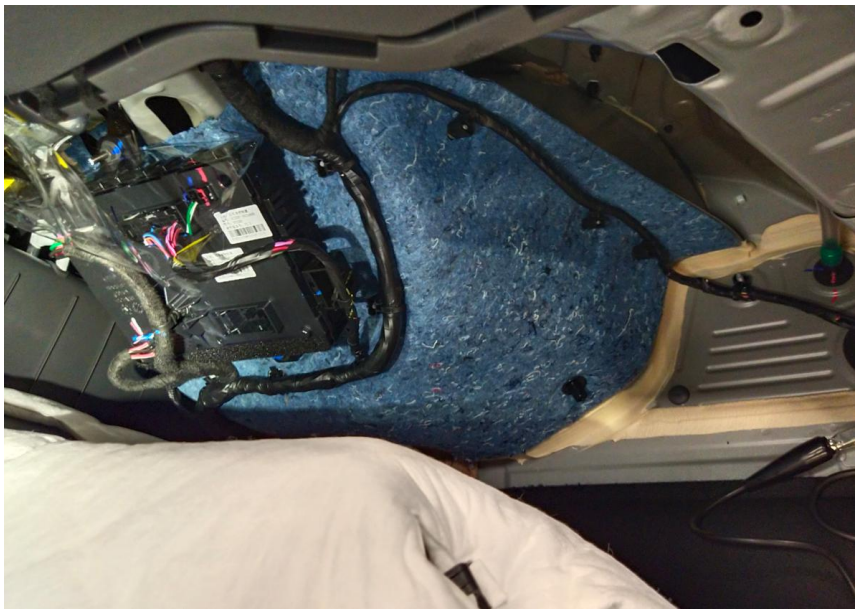
8. Remove the 4 large scrivets which secure the tool tray to the vehicle floor panel.
9. Pull up and remove the tool tray and set aside.
10. Remove the 2 bolts & 1 scrivet which secures the right hand trim.



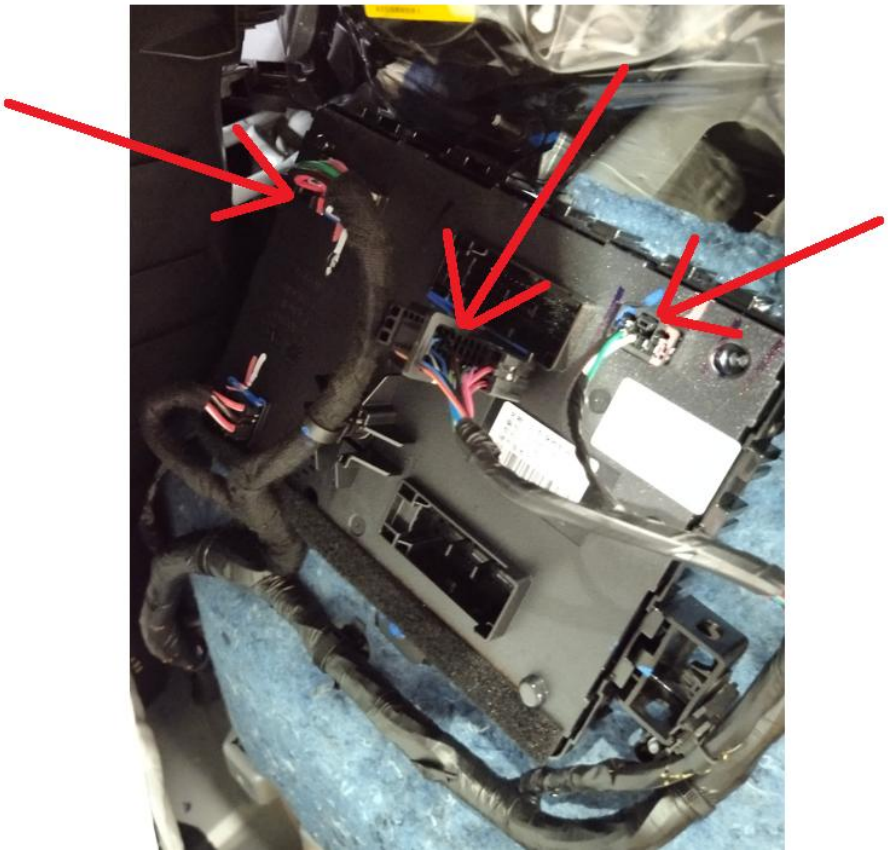
11. Carefully dislodge the right hand trim.
12. Pull the out the side trim to gain access to the vehicle harness behind the trim.

NOTE: be very careful as not pull out and bend the trim too much as it might break/crack.

13. Locate the rear vehicle module.

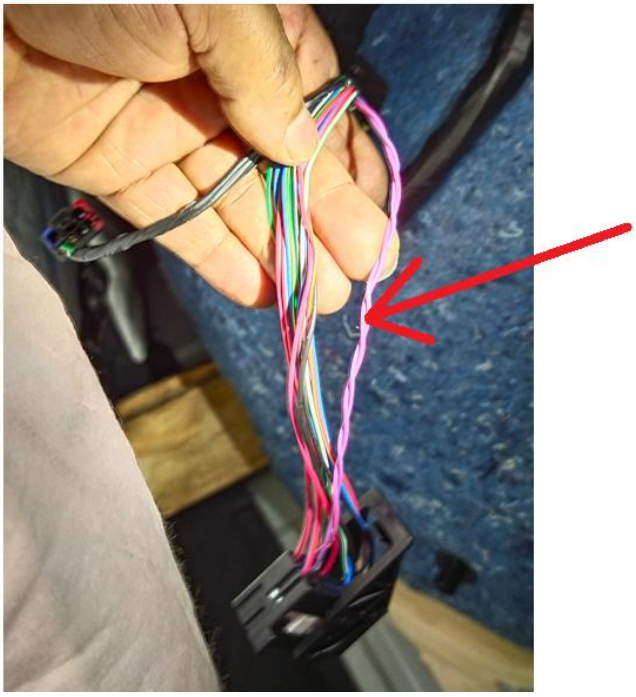


14. Disconnect the connectors to get access to the wiring.

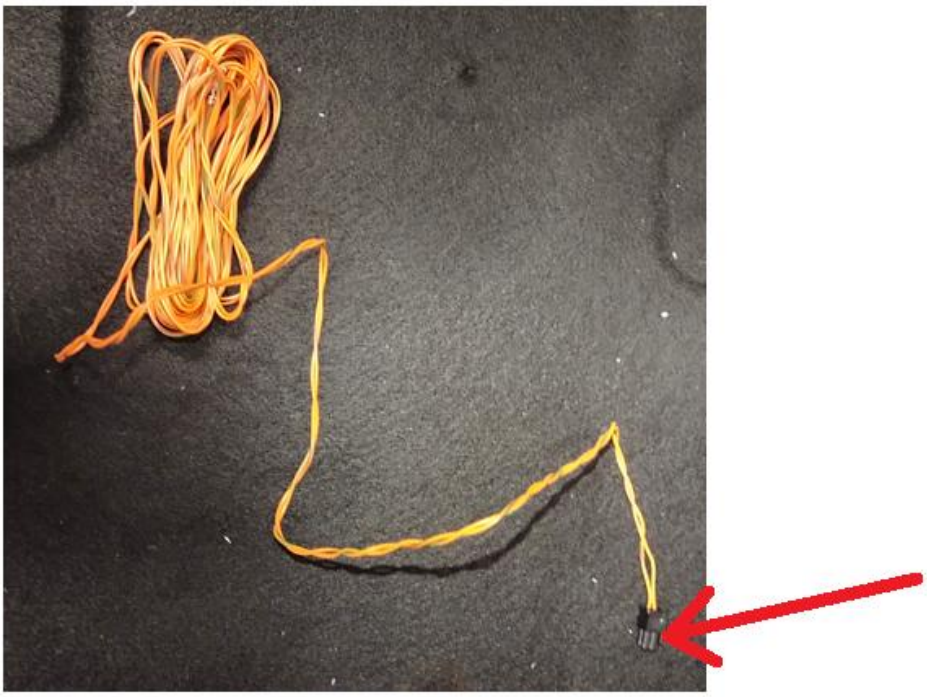


15. On the below connector remove some tape to access the wires.
16. Locate the (Pink & Violet) Twisted Pair of wires.





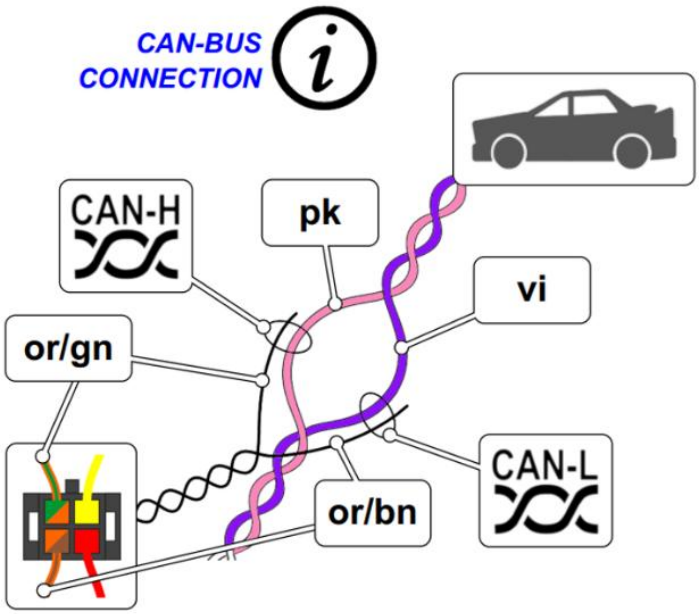
17. From the UNTC008 kit, find the (Orange/Green & Orange/Brown) Twisted pair of wires.
18. From the black connector, cut about 1.5m of wire.

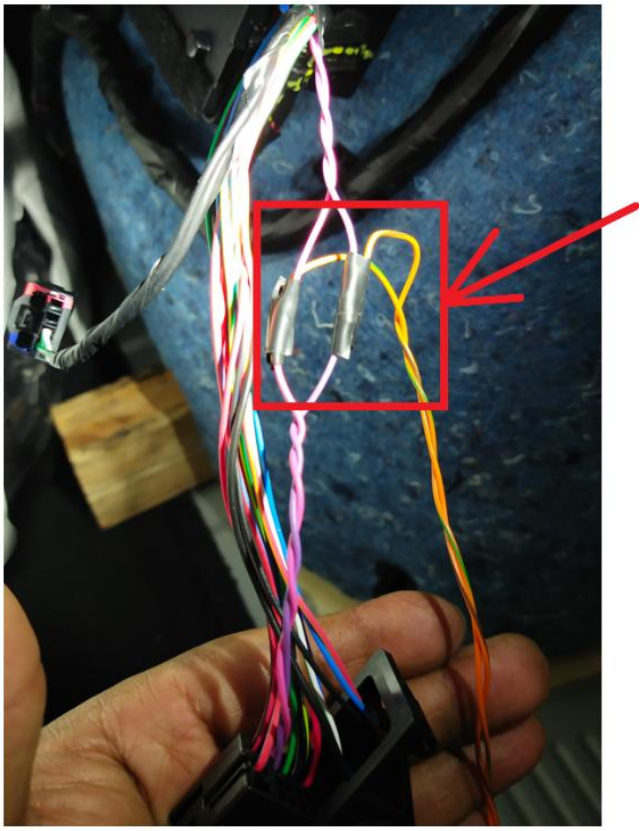


19. Using the supplied scotch locks, connect the Orange/Green wire from the UNTC008 to the vehicles Pink wire and connect the Orange/Brown wire from the UNTC008 to the vehicles Violet wire.

Scotch locks can be used however it is advised to solder the wires for a secure and reliable connection.

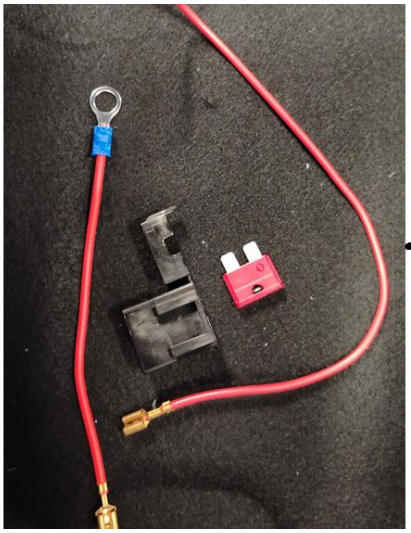
20. Use good quality electrical tape to tape up any exposed wires and scotch locks.

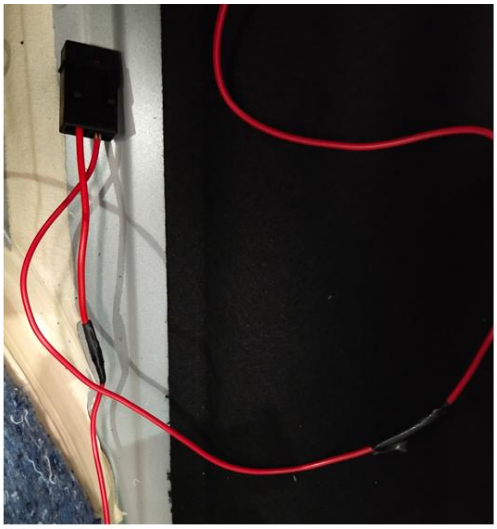




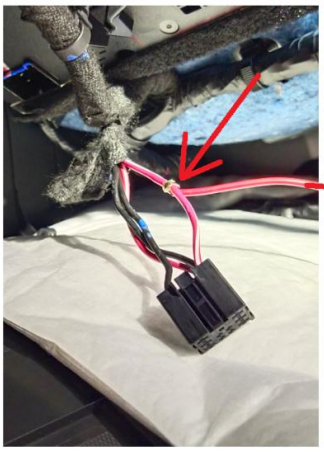
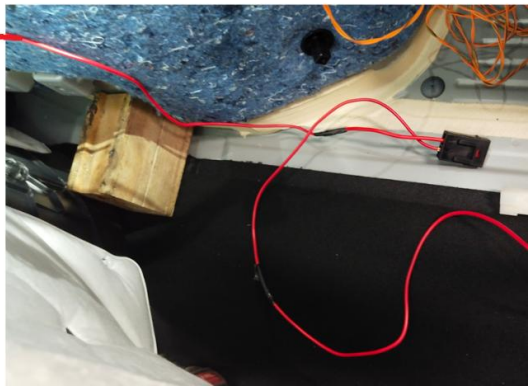
21. In the UNTC008 kit, locate the power wire and fuse link assemblies.
22. Cut and slice the Fuse link to the power wire.





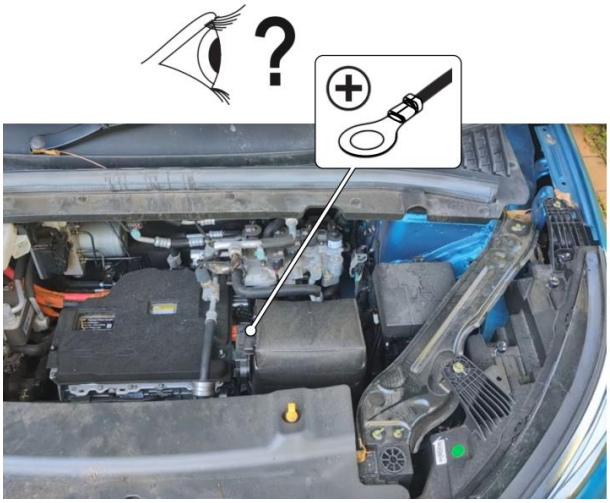


23. Use a test light to identify a constant 12V power wire on the connector below.
24. Splice the free end of the UNTC008 power wire to the vehicle 12V power wire.

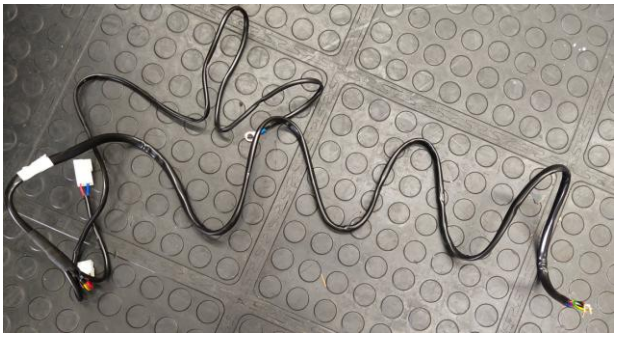




NOTE: The power wire can also be taken up to the 12 volt power source under the bonnet at the font of the vehicle.

If the above steps are taken and the Rear Body Control Module 30A fuse blows often, it is recommended to disconnect the power from Step 23 and instead route a power wire up to the front of the vehicle.



25. Locate the UNTC008 tail section harness.



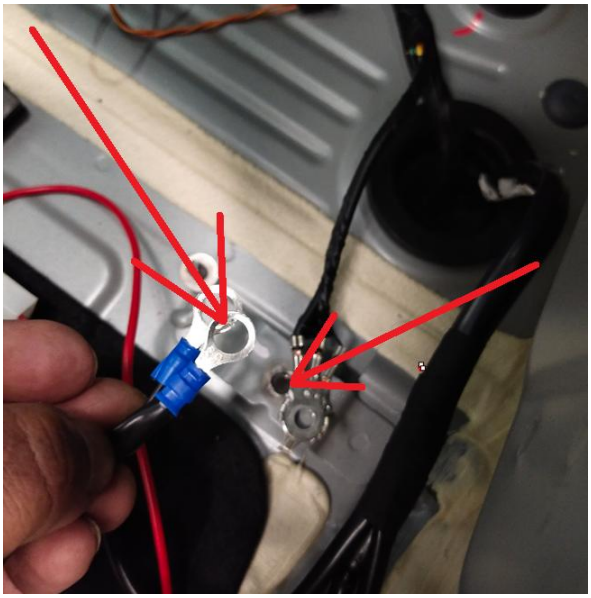
26. Find the grommet at the rear. Cut a slit in this grommet.
27. Feed the end of the tail harness through the grommet slit to the outside underneath the vehicle.



28. Outside the vehicle, Wire up the supplied 7-pin socket to the exposed wires of the tail branch using the table below.

Pin No.	Function	Cable Colour
1	Trailer Left Indicator Lamp	Yellow
2	Trailer Reverse Lamp / Aux	Black
3	Earth	White
4	Trailer Right Indicator Lamp	Green
5	Electric Brakes	Blue
6	Trailer Brake Lamp	Red
7	Trailer Tail Lamp	Brown

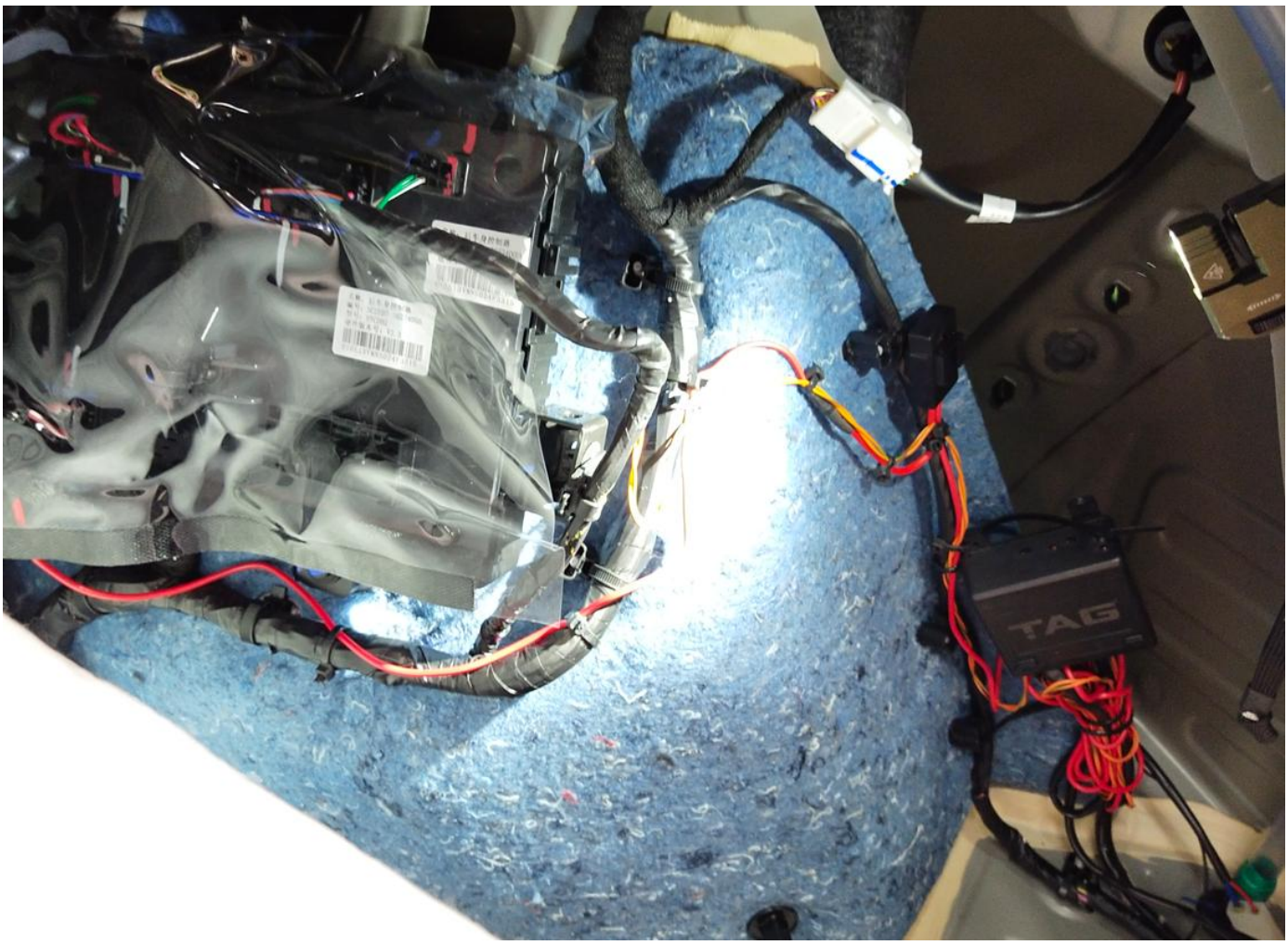
29. Back inside the vehicle, gather the 2 earth ring terminals; one from the power branch and one from the tail section harness.
30. Secure the earth ring terminals to the earthing point near the grommet.



31. Back inside the vehicle, get the UNTC008 ECU Module and connect the CAN wire branch, Power Branch and Tail Branch to their respective mating connectors on the Module.

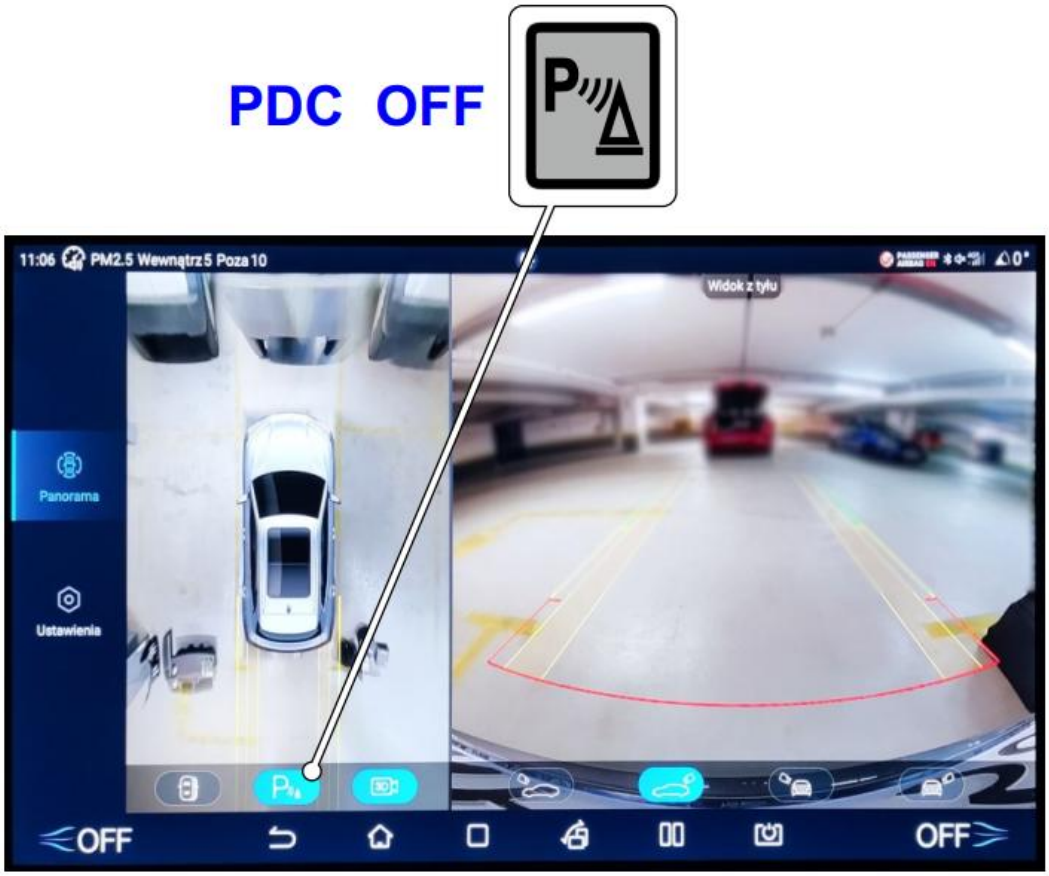


32. Connect a light test board to the 7-Pin flat socket, turn the vehicle on and test for light functionality.
33. Tidy up the installation with cable ties, electrical tape etc. Reinstall all previously removed components and electrical connectors.



34. Place these fitting instructions in the glove box of the vehicle and inform the customer of the location of the 10Amp fuse.
35. When reversing, the RPA alarms can be disabled by pressing the button on the infotainment with the following symbol or similar:





TAG Warranty Statement

SWD warrants your TAG Harness for 1 year (12 Months) under the following conditions:

- You can show proof of purchase.
- The harness has been correctly installed by a suitably qualified installer.
- The harness has not been modified or abused in any way and has only been used for the purpose intended.
- The harness was not fitted second hand to your vehicle.

The extent of this warranty includes materials and workmanship used in the manufacture of the harness and is to the equivalent value of current, full replacement cost.

Nothing stated or implied in this warranty limits in any way, the statutory rights that you may have.

To make a claim visit the original installer in the first instance or, if you are unable to or are not satisfied with their help, then contact us direct by phone on 1300 669122 or visit www.swd.com.au.