



FITTING INSTRUCTIONS

HARNESS PART NUMBER: **3523050A.**

HARNESS DESCRIPTION: **HARNESS CANBUS ADAPTOR TACO24.**

APPLICATION: **CONNECTS TOYOTA TACOMA 2024+ CANBUS TO THE ARB CAN CONNECT.**

FITTING TIME: **15 MINUTES APPROX.**

For operation of driving lights on Toyota Tacoma 2024+, the *ARB CAN Connect* listens to the vehicle CAN bus and outputs 12V signals for bullbar lighting and Ascent Canopy lighting and central locking.

This harness is used to connect the *ARB CAN Connect* to the Toyota Tacoma CAN bus. This is accomplished with simple and reliable plug & play functionality. The plug & play design piggybacks off vehicle connectors thus eliminating the risk of damaging the vehicle wiring harness or interfering with the vehicle CAN bus. This harness is used with in conjunction with:

- #CANDEC ARB CAN Connect

NOTES:

- ◆ This product must be installed exactly as per these instructions.
- ◆ The installation of this product may require the use of specialised tools and/or techniques.
- ◆ It is recommended that this product is only installed by trained personnel.
- ◆ These instructions are correct at the date of publication. ARB Corporation Ltd. cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer.
- ◆ During installation, it is the duty of the installer to check correct operation/clearances of all components.
- ◆ Ensure all electrical connections are correct and tight with good earth connection to the engine and/or chassis. Failure to do this may result in component failure or fire.
- ◆ Make sure all wires are securely fastened away from any hot, sharp or moving surfaces. Do not fasten any wires to the brake lines or fuel lines.
- ◆ Make sure that all electrical connections are strong and well insulated.
- ◆ Work safely at all times.

ARB 4x4 ACCESSORIES

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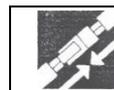
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Do not pull on the wiring harness forcefully



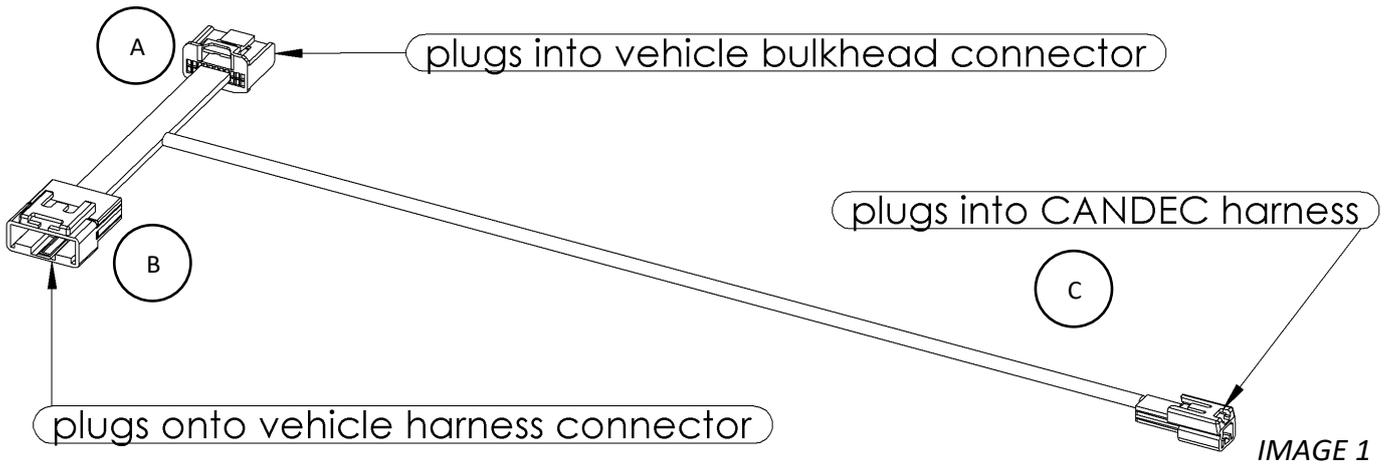
Do not connect wiring harness to engine



Ensure all connections are tight and pushed home

FITTING PROCEDURE:

As shown below, the CAN bus adaptor harness piggybacks off a vehicle connector and also connects to the ARB CAN Connect (#CANDEC) wiring harness.



1. Inside the vehicle cabin, on the RH side, remove the door sill trim panel.

NOTE: LEFT HAND DRIVE VEHICLE SHOWN.



2. Remove the trim panel on the right side of the footwell. Remove the plastic nut closest to the vehicle front first. Then pull the panel towards the rear of the vehicle.



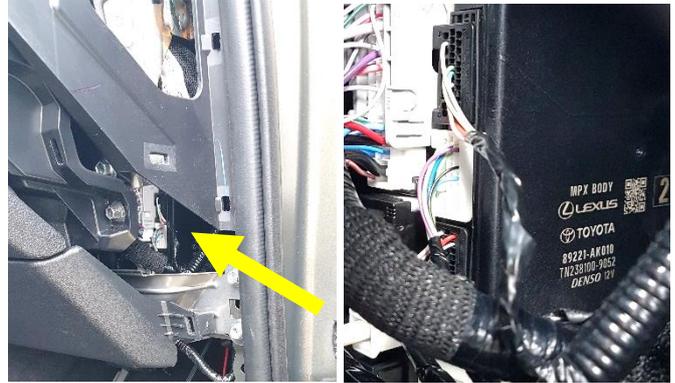
3. Remove this trim panel on the right end of the dashboard. Pull to the side of the vehicle.



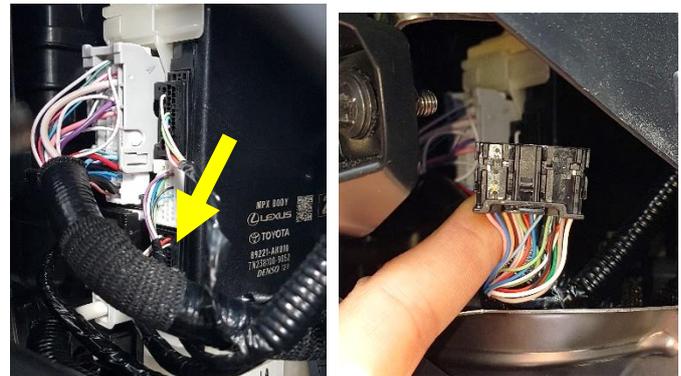
4. Also remove this adjacent trim panel. Pull toward the rear of the vehicle as shown.



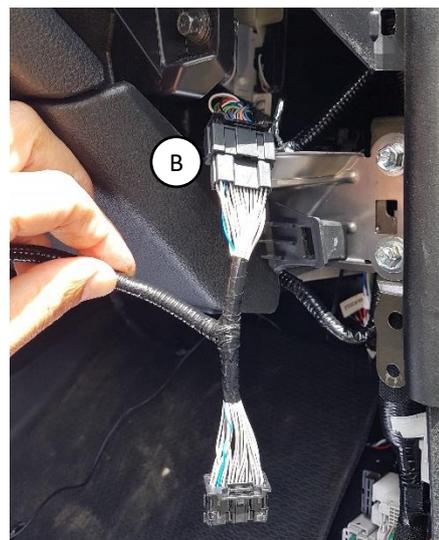
5. Locate the module labelled MPX body on the vehicles right side behind the glove box.



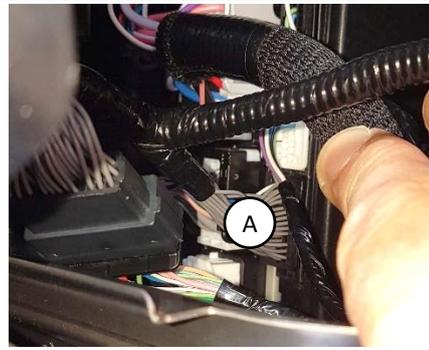
6. Locate the lower black 30 pin connector shown.
7. Push the release tab and unplug the connector.



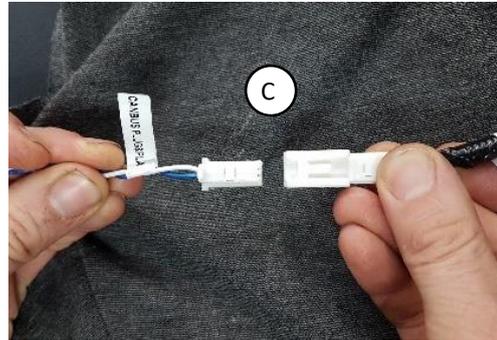
8. As shown, plug connector B into the vehicle harness connector that was unplugged in the previous step.



9. Plug connector A into the vehicle bulkhead connector from which the vehicle harness connector was unplugged in step 4.



10. Plug connector C into the ARB CAN Connect harness.



ARB CAN CONNECT MODULE INSTALL LOCATION FOR TACOMA 2024+:

The ARB CAN Connect module should be secured using screws or cable ties inside the vehicle cabin. The module must be within reach of the adapter harness wiring and suitable ground point.

A suitable location for the Toyota Tacoma is next to the cabin fuse box on the right side of the passenger's foot well (left hand drive vehicle shown).

8. Plug supplied main harness with the 10 pin connector into the CAN Connect module. Also plug in the canopy or bullbar harnesses as required.
9. Position the CAN Connect module adjacent to the cabin fuse box. Secure the module using the the slotted holes on either side of the CAN Connect housing to vehicle wiring harness using cable ties.
10. Secure the ARB CAN Connect harness and adapter harness to existing vehicle looms with cable ties. Ensure the footwell trim panel can be installed without interference.



11. Fasten the harness ground eye terminal to the vehicle body ground point as shown.



12. Refit all trim panels in reverse order from which they were removed.

