



# FITTING INSTRUCTIONS

HARNESS PART NUMBER: **3521110.**

HARNESS DESCRIPTION: **HARNESS CANBUS ADAPTOR PRADO24.**

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

FITTING TIME: **15 MINUTES APPROX.**

For operation of driving lights on Toyota Landcruiser Prado 2024+, the *ARB CAN Connect* listens to the vehicle CAN bus and outputs 12V signals for bullbar lighting such high beam, parker, DRL, fog and more.

This harness is used to connect the *ARB CAN Connect* to the Toyota Prado 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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Do not pull on the wiring harness forcefully



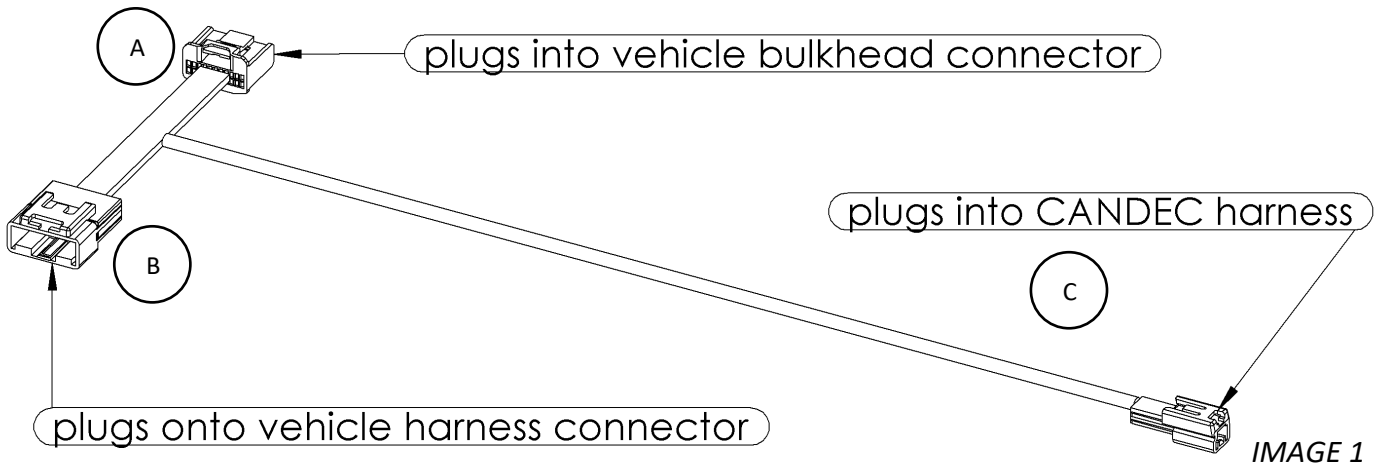
Do not connect wiring harness to engine



Ensure all connections are tight and pushed home

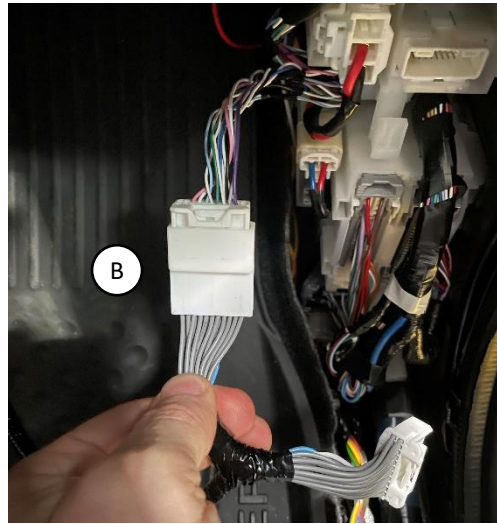
**FITTING PROCEDURE:**

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

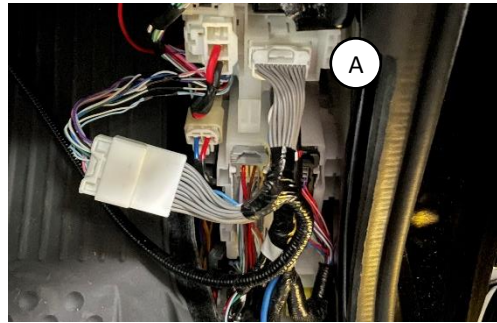


<p>1. Inside the vehicle cabin, on the RIGHT (RH) side, remove the door sill trim panel.</p> <p>NOTE: RIGHT HAND DRIVE VEHICLE SHOWN.</p> <p><b>Installation on LEFT HAND DRIVE vehicles still to be completed at the RIGHT side of the car.</b></p>	
<p>2. Remove the foot well panel on the RH side of the vehicle. First remove the plastic nut at the front of the panel, then pull the panel rearwards.</p>	
<p>3. Locate the white 22 pin connector shown.</p> <p>4. Push the release tab and unplug the connector.</p> <p><b>BE AWARE THAT THE SAME CONNECTOR IS PRESENT ON THE LEFT SIDE OF THE CAR BUT DOES NOT HAVE THE CORRECT WIRES FOR A WORKING INSTALLATION.</b></p>	

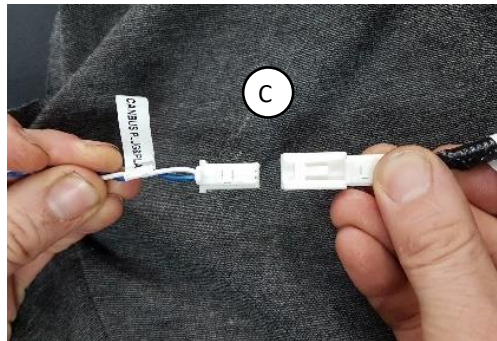
5. As shown, plug connector B into the vehicle harness connector that was unplugged in the previous Step.



6. Plug connector A into the vehicle bulkhead connector from which the vehicle harness connector was unplugged in Step 4.



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

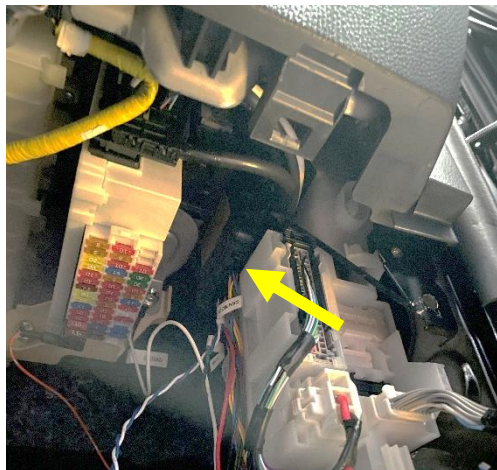


## ARB CAN CONNECT MODULE INSTALL LOCATION FOR TOYOTA PRADO 2024+:

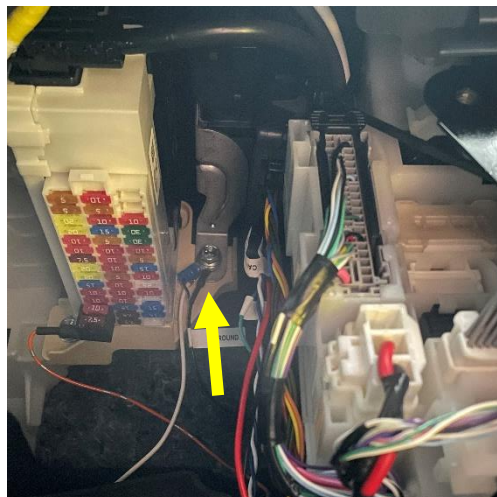
The ARB CAN Connect module should be secured using screws or cable ties inside the vehicle cabin. The module must be within reach of the adapter harness wiring and suitable ground point.

A suitable location for the Toyota Prado is next to the cabin fuse box on the right side of the drivers foot well.

8. Place the module above the vehicle bulk head assembly adjacent the fuse box. Secure with cable ties using the slotted holes on either side of the CAN Connect housing.
9. 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.



10. Fasten the harness ground eye terminal to the vehicle body ground point between the fuse box and bulk head assembly as shown.



11. Refit the footwell trim panel and door sill panel.

