

# Fitting Instructions



SKU

**UNT359**

PRODUCT

## Towbar Wiring Harness for GWM Cannon (01/2021-On) Excluding XSR Models

SPECIFICATIONS

- Approx. Fitment Time: 45 Minutes
- Dealer Coding Required: No
- RPA override: Optional manual or Auto (Style Side Models)  
Manual Override for Cab Chassis Models
- Plug & Play: Yes



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:

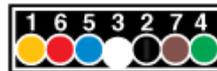
- **This unit is designed to bypass the electronic control module in the vehicle.**
- **This unit will not require dealer coding.**
- The power source wire is for 12volt only. This can be taken directly to the battery or to a constant power source. This wire must have a 10-amp blade fuse housing attached. 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 call - 1300 669122 - 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

# Installation Instructions



## Step 1: Install Wiring Harness

1. Open the tailgate.
2. Remove the tailgate striker via 2x M8 bolts.
3. Remove 1x M6 bolt securing the rubber door stop and 1x bolt further down the panel.
4. Remove the tail lamps outward. Note: the tail lamp assembly features a press stud that requires some force to release from its holder. Repeat on opposite side. Retain all hardware.
5. Disconnect the harness from each tail lamp.
6. From under the vehicle, feed the LHS pig tail into lamp cavity and plug into vehicle harness. Reconnect lamp wiring to harness.
7. Route the RHS of the harness across to the other lamp cavity securing to the body with cable ties. Connect TAG harness to vehicle and lamp.
8. Re-install lamps in reverse of steps 1b-d.



# Installation Instructions



## Step 1: Cont'd

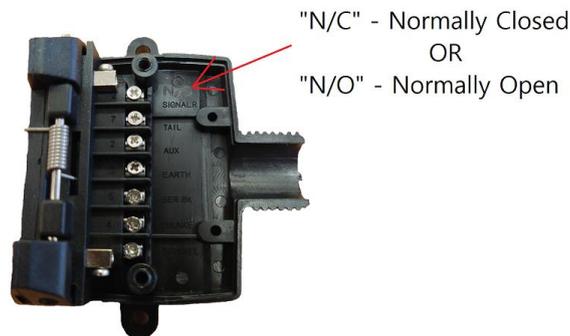
9. Find a suitable flat location on either the chassis or body feature where the ECU unit can be secured via the double-sided tape. Alternatively, the ECU can be cable tied to an existing harness or body feature.

10. For Style Side Models, optional Auto RPA cutoff is available. Follow the next 3 steps to install the wires for optional automatic RPA cutoff.

\* For Cab Chassis models, continue to Step 14.

\* Instructions for manual muting of RPA alarm is shown in Step 19.

**NOTE:** A “Normally Closed” Reed Switch Trailer socket must be used (TAG PNo. UNT032RS) to automatically disable the RPA. If your harness kit was supplied Normally Open socket, please contact TAG or your point of sale to get a replacement. To identify the type of socket, open up the cover and look for the label/stamp:



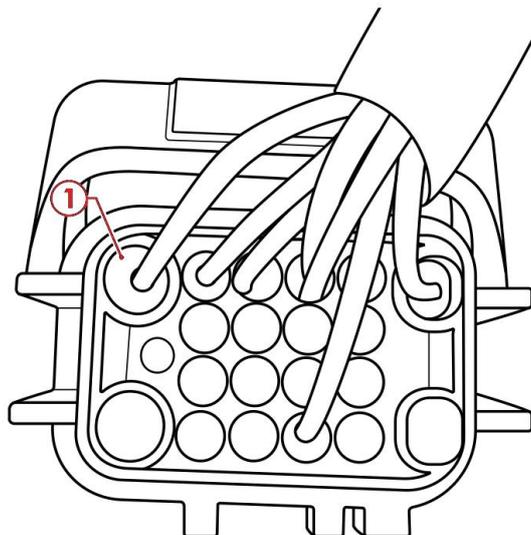
11. Locate the vehicle bumper connector on the LHS chassis.

**NOTE:** If the bumper connector is different from the image below, disregard the following steps. The RPA sensors can instead be manually disabled/muted via step 19 on these fitting instructions.

12. On the Vehicle side, cut the Red/Yellow wire on the bumper connector (Pin 1 marked on the connector).

13. Strip the ends of the TAG harness White/Red or Gray, Gray/Black wires and connect (solder) them to either side of the previously cut Red/Yellow wires on the bumper harness. Apply electrical tape to the exposed wires.

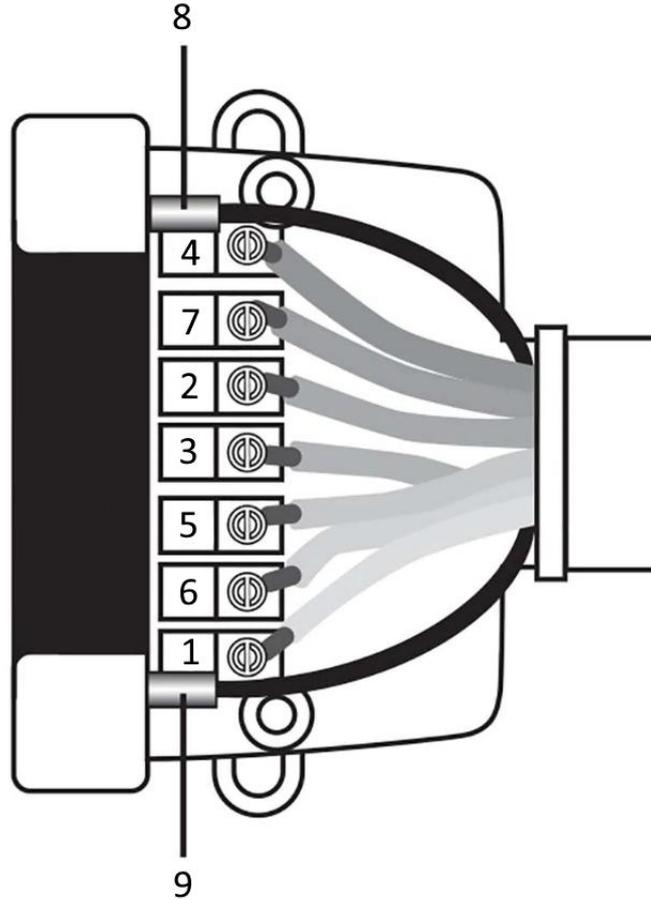
**NOTE: these wires will need to be extended by the installer.**



# Installation Instructions



14. Connect the 7-pin trailer plug to the TAG harness. Use the wiring guide diagram and table below:



Pin No.	Socket Connection Description	Colour
1	Left Turn / Signal L	YELLOW
2	Reverse / Aux	BLACK
3	Earth	WHITE
4	Right Turn / Signal R	GREEN
5	Electric Brakes / Service Brakes	BLUE
6	Brake Light	RED
7	Tail Light	BROWN
8	Trailer Presence	RED/WHITE OR GREY , GREY/BLACK
9	Trailer Presence (Earth)	RED/WHITE OR GREY , GREY/BLACK

15. Route the Orange (+) & White (-) cables along the LHS chassis rail toward the engine bay. Use cable ties (not included) to secure at least every 200mm.

16. Connect the orange wire ring terminal to the vehicle battery positive terminal.

17. Connect the white wire ring terminal to the vehicle battery earthing point (next to the washer bottle).

18. Test the function of the TAG harness using a light board or multi-meter.

# Installation Instructions



19. If the customer has elected not to install the Auto RPA cut-off feature, to manually disable the RPA, press the Parking Sensor deactivation/activation on the dash.



# Installation Instructions



- For newer and Cab Chassis models, select the reverse gear then press the “Speaker” icon to mute the Parking Sensor alarms.



# TAG Warranty Statement



SWD warrants your TAG Wiring Harness for one (1) year from the date of the original retail purchase 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](http://www.swd.com.au).