

Fitting Instructions



SKU

UNT362

SPECIFICATIONS

- Approx. Fitment Time: 60 Minutes
- Dealer Coding Required: No
- RPA override: Via Dash Button
- Electric Brake Ready: Yes
- Plug & Play: Yes

PRODUCT

**Towbar Wiring Harness
for GWM Haval Jolion SUV (A01)
HEV & Petrol (02/21 - 05/24)**

**Not Suitable for 2024-on Facelift
Models.**



TOOLS REQUIRED

- Drill
- Step Drill
- Sockets
- Side Cutters.
- Trim Removal Tool

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 12 Volt only. This can be taken to the battery or a constant power source.
- The power wire must have a fuse housing attached with a 10-amp blade fuse. Please check that a 10-amp fuse is installed.
- **The 10A fuse must never be removed or changed for a higher rated fuse.**
- Make sure to inform the customer that there is a 10-amp blade fuse on the power wire. Kindly show the customer where they can access the fuse in the event the fuse needs to be replaced.
- 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.
- Before towing with your vehicle, please refer to the vehicle Owner's Manual for trailer towing information



PRECAUTIONS:

- Make sure to read and understand these instructions before commencing installation.
- Refer to the vehicles' workshop manual when removing and refitting vehicle components.
- Disconnect the negative terminal cable from the battery before installation.
- Before disconnecting the negative terminal, ensure that the engine switch and the lighting switches are OFF
- Disconnection of the negative battery terminal will result in the loss of memory of the radio and other devices. Ensure to make a back-up the memory before disconnecting the negative terminal and restore the memory after installation (refer to Owner's Manual for memory restoration procedure).
- Take care not to damage the vehicle during installation.
- Make sure to wipe off any stains, oils & fats completely from the area if installation prior to installation.
- When disconnecting the connectors, first unlock them, then separate the connectors by pulling on the connectors themselves rather than the cables.
- When connecting connectors, push them against each other until the lock clicks.
- Never pull on the harness with great force.
- Always route the harness away from hot components such as the engine, radiator or exhaust pipes and mufflers.
- When reinstalling vehicle parts, make sure that the harness does not interfere or get pinched between parts.
- Never fasten the harness to high pressure pipes such as brake pipes and air conditioner pipes.
- Fasten the harness with vinyl tape or cable ties at locations where they contact vehicle parts. This will prevent the harness from damage and dangling loose.
- Cut off excess cable tie as close to the head as possible and avoid cutting at acute angles.
- Cut the cable ties in a way that the cut edges point downwards.
- Tighten each bolt/nut securely and retighten them if they come loose after test-driving.

Installation Instructions



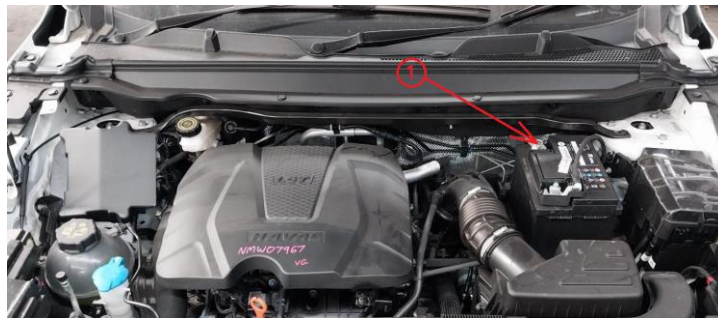
Step 1: Disconnect Battery & Removal of Vehicle Parts



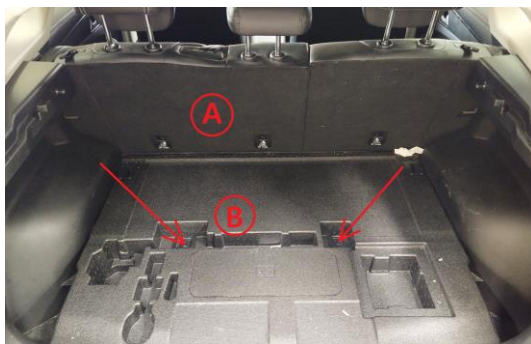
NOTE:

- Refer to vehicle workshop manual for how to remove vehicles parts.
- The removed vehicle parts will be reused therefore, keep them aside and do not lose.

1. Open the Tailgate.
2. Disconnect the Negative Terminal from the Battery:
 - a. For the Petrol version, the Battery is located in the Engine Bay.



- b. For the HEV version, fold down the rear passenger seats (A)
- c. Remove cargo compartment floor
- d. Remove 2 plastic nuts and remove polystyrene tool storage tray to expose Battery (B) .
- e. Disconnect the negative terminal from the Battery (C).



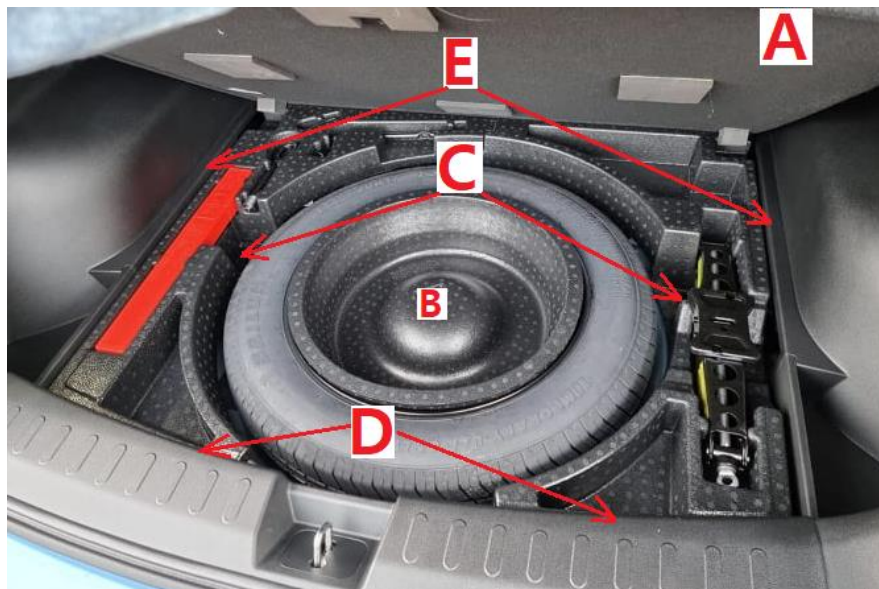
3. At the rear of the vehicle, remove the two caps and bolts securing the Tail Lamps onto the vehicle.
4. Carefully dislodge the tail lamps, disconnect the Connectors, remove & put aside both tail light assemblies.



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5. Dislodge both RHS and LHS Rear Interior Trim:
 - a. Fold down the rear passenger seats (Petrol & HEV).
 - b. Remove cargo compartment floor to expose the spare tire (A) (Petrol).
 - c. Remove the polystyrene insert, wingnut, plate & remove the spare tire (B) (Petrol).
 - d. Remove the plastic nuts to remove the polystyrene insert & tools (C) (Petrol).
 - e. Remove 2x scrivenets from the rear scuff panel and pull up to dislodge and remove (D) (Petrol & HEV).
 - f. Remove 1x scrivet from each the RHS & LHS Rear Interior Trim (E) (Petrol & HEV).
 - g. Dislodge the Rear Interior Trims towards the centre of the vehicle by carefully pulling the edges behind the tailgate weather seal (Petrol & HEV)



6. Underneath the vehicle, locate the heat shield. Remove two retaining clips and carefully bend the shield back to expose the floor of the vehicle.

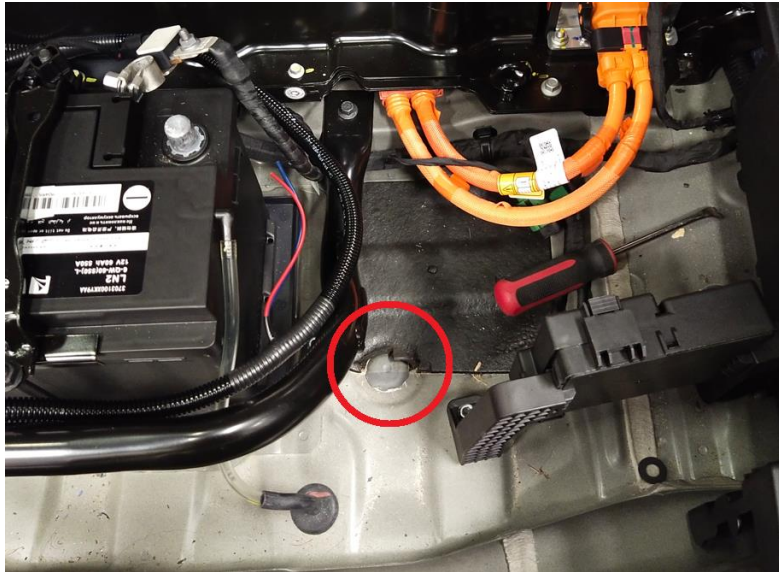


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Step 2: Drilling of Vehicle Parts

1. On the rear floor panel towards the RHS find a grommet where the tail of the Trailer Harness will go through.



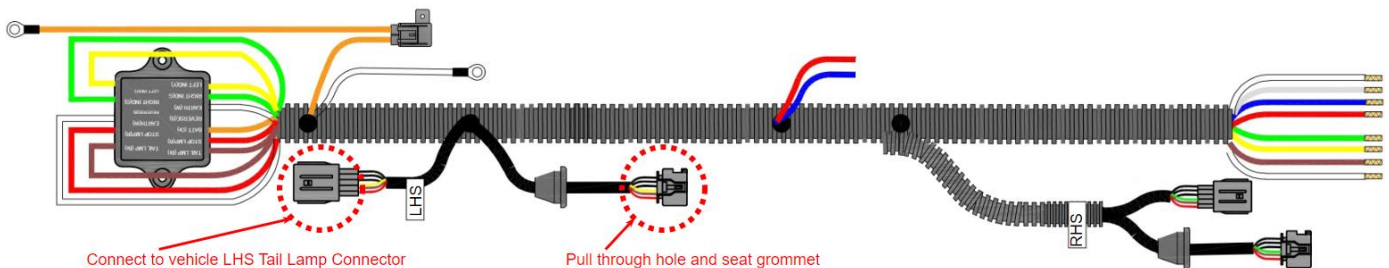
2. Use a step drill to drill a $\varnothing 15\text{mm}$ hole in the centre of the grommet.

Step 3: Install Trailer Wiring Harness

1. Push the vehicle LHS tail lamp grommet and the connector inside the vehicle.



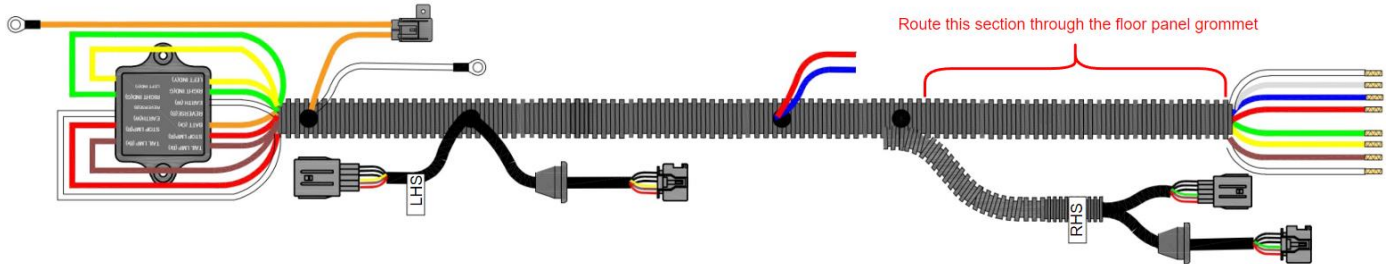
2. Connect the vehicle LHS tail lamp connector to the mating Trailer Harness connector and pull the trailer harness connector back through the hole and secure the grommet.



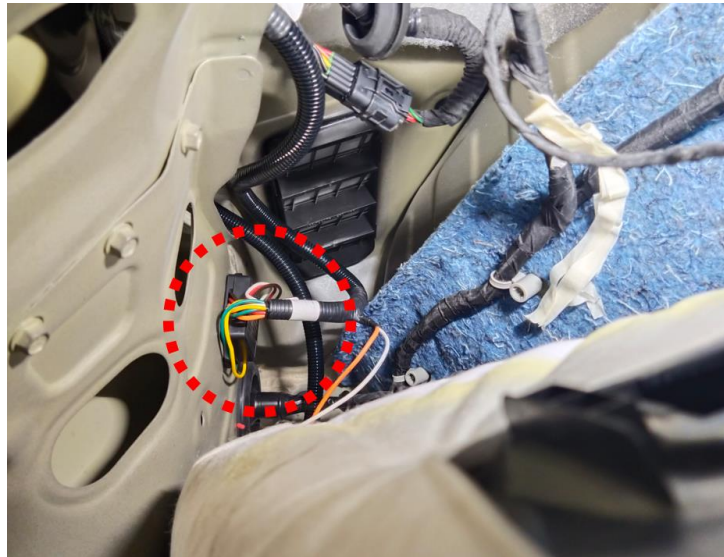
Installation Instructions



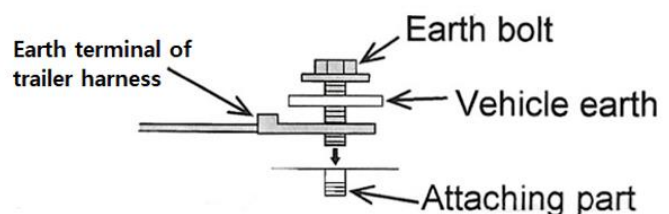
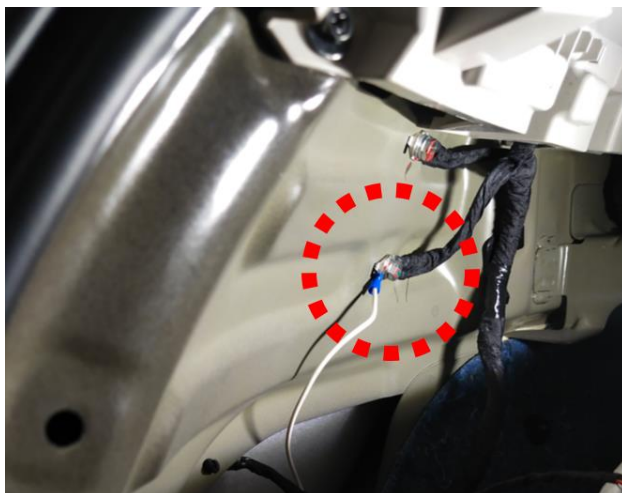
3. Route the trailer harness across the vehicle floor panel across to the RHS and repeat the above steps for the RHS connectors. Ensure to tuck the harness the harness as you go.
4. Route the Trailer Harness tail section through the previously drilled grommet on the floor panel to the outside of the Vehicle.
5. For Petrol versions, also route the orange power wire through the grommet hole.
6. Apply silicone sealant (not included) around the grommet and harness sealing any gaps.



7. Behind the LHS Rear Trim Panel, clean the ECU mounting position with an alcohol cleaning pad (not supplied).
8. Peel off the double sided tape on the rear of the ECU and adhere it to the previously cleaned location.



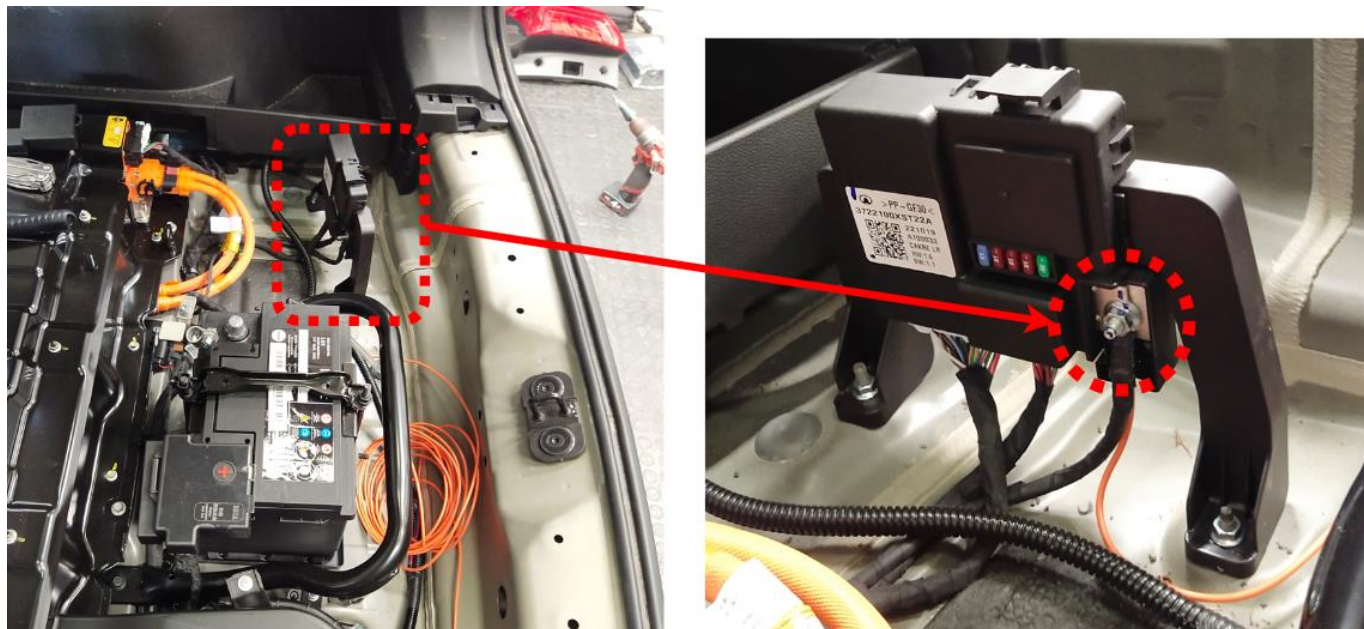
9. Behind the LHS Rear Trim Panel, locate the Earthing point and connect the white ground wire ring terminal to the earthing point.



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10. For HEV versions, route the orange power wire along the rear floor panel to the internal fuse box on the RHS.
11. Tuck the power wire under the trim as required.
12. Remove the Fuse Box cover to expose a 6mm positive stud. Connect the power wire ring terminal to the positive stud of the fuse box.



13. For Petrol versions, route the orange power wire underneath the vehicle on the LHS towards the engine bay.
14. Use cable ties (not supplied) at least every 500mm to secure the wire onto the existing vehicle harness.
15. Route the wire up to the battery and connect the power terminal to the positive terminal of the battery.

 **NOTE:** For petrol version, the power wire may need to be extended. Also, it may be preferable to relocate the fuse holder to nearer to the power ring terminal. In any case, please inform the customer of the fuse location in the event the fuse needs to be replaced.

16. Route the tail section of the Trailer Harness along the towbar towards the towbar plug bracket.
17. Connect the exposed tail wires to a 7-Pin Flat plug (sold separately) (TAG Pno. UNT032) as per 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

18. Fasten the 7-Pin Flat Plug onto the Towbar Plug Mount with the fasteners included with the 7-pin flat socket..

Installation Instructions



19. Use cable ties (not included) to secure the Trailer Harness tail section onto the Towbar, ensuring to keep away from the Vehicle Muffler (heat sources) and sharp edges.

CAUTION:

- **When routing the harness, ensure to prevent the harness getting caught on the edge of panels, sharp edges & sources of heat.**
- Secure the harness using cable ties or tape to prevent movement and interference with other parts.
- Temporarily attach the harness during installation. After completion of wiring installation, fasten the harness tightly.
- When connecting the connectors ensure they are secure and click into place.
- If extending wires, ensure to use an effective method of splicing. It is NOT recommended to use scotch lock type connectors but rather soldering and/or crimp connectors along with insulated heat shrink.

Step 4: Test the Harness Operation

1. Reconnect the negative terminal of the battery.
2. Use a 'Trailer Test Board' or 'Test Light' to check the trailer socket operation.

NOTE:

- The rear cross-traffic alert is disabled via accessing the Intelligent Systems menu on the centre infotainment screen.
- The Rear Parking Assist sensors are disabled via the button on the dash.



RPA Disable

Step 5: Reinstall Vehicle Body Parts

1. Ensure the harness operates correctly (Step 4)
 2. Ensure the harness is tidy, secure and all connections are securely connected.
 3. Tidy up & secure the harness routing with cable ties (not included)
 4. Re-fit all removed/dislodged parts & secure all fasteners. Ensure there are no squeaks, rattles or loose harness.
- Place the installation instructions in the glove box of the vehicle after installation is complete.

CAUTION:

Before towing with your vehicle, please refer to the vehicle Owner's Manual for trailer towing information

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.