

Fitting Instructions



SKU

UNT363

PRODUCT

**Towbar Wiring Harness for
Hyundai Tucson NX4 (V1 & V2)
(02/2021-03/2024)**

SPECIFICATIONS

- Approx. Fitment Time: 30 Minutes
- Dealer Coding Required: No
- RPA override: Manual (via button on dash)
- Plug & Play: Yes

Excluding N-Line Models



TOOLS REQUIRED

- Spanners
- Sockets
- Side Cutters
- 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.
- When routing the wiring harness, ensure that it is routed in a manner to avoid the harness being caught on objects, sharp objects or sources of heat.
- There is a 10Amp Fuse located on the 6-way trailer harness pre-wire branch on the internal harness.
- **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 internal harness, 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

Installation Instructions



Step 1: Removal of Vehicle Parts

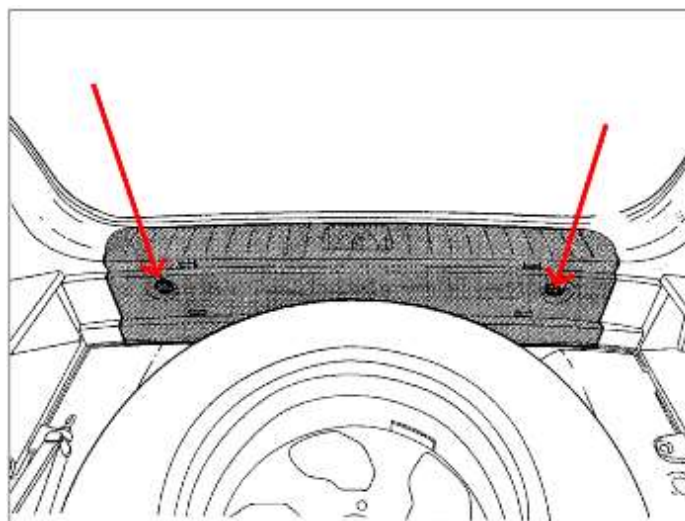
1. Disconnect the negative battery terminal
2. Remove the luggage compartment floor (1).
3. If fitted, remove the rear cargo blind (2).



4. Remove the spare wheel and tools.



5. Using a trim tool, released 2x Scrivets then remove the tailgate scuff trim by firmly pulling up. Set the scuff trim aside.



Installation Instructions



6. Fold the rear seats forward.
7. Remove 3x screws from the LHS luggage compartment side trim panel.
8. Carefully dislodge the LHS trim panel enough to get access to the wiring loom behind it.



9. Remove 2x screws from the LHS Tail-light assembly.
10. Disconnect the LHS tail-light assembly connector.
11. Remove the LHS tail-light assembly.
12. Repeat steps 8 to 10 for the RHS.



Step 2: Remove Bumper

Note: Crash bar is attached to bumper. Remove together. See point 'j' & figure 7.

- a. Open tailgate & remove cover from taillight assembly by inserting trim removal tool into small grooves closest to transparent section of taillight and release top & bottom. (Figure 1)
- b. Remove 2x screws and release taillight assembly rearward. Disconnect harness. (Figure 2)
- c. Remove 2x scrivenets from the cavity. Repeat steps b-d on opposite side. (Figure 2)
- d. Remove the mudflap via 2 screws on the inside of the wheel arch and 1x scrivenet from the underside of the vehicle behind the mudflap. (Figure 3)
- e. Remove 1x screw from just above the mudflap in the wheel arch.
- f. Remove the two scrivenets from the plastic trim on the underside driver side behind the wheel and the 2x white push nuts to release the trim. (Figure 4)
- g. Carefully unclip the wheel arch trim from the bumper. (Figure 5)
- h. Repeat steps f-g on opposite side.

Note: Do not remove the wheel arch trims beyond the area where the bumper meets the body.

- i. At the bottom center of the bumper, remove 4x scrivenets fastening the plastic guard to the bumper. (Figure 6)
- j. From the underside of the vehicle on the rear body panel remove 2x M10 nuts per side fastening the crash bar. (Figure 7)
- k. Disconnect the sensor & reverse light harness on the passenger side before bumper removal. (Figure 8)
- l. With help, carefully flex out the wheel arch trim and release the bumper from the body being sure not to crease the trim. (Figure 9)
- m. Remove the bumper rearward.
- n. Remove the center plastic trim from the body via 3x plastic push nuts. (Figure 6)

Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



Step 3: Fit Wiring Harness

1. Carefully dislodge the LHS luggage compartment trim panel to expose the vehicle harness behind.
2. Dislodge the 25mm Grommet (1) and discard.
3. Remove the tape securing the 6-way trailer Pre-wire connector (2) from the vehicle harness.



TAG Warranty Statement



4. Connect the internal harness Earth Ring Terminal to the vehicle Earth Point using the existing vehicle fastener.



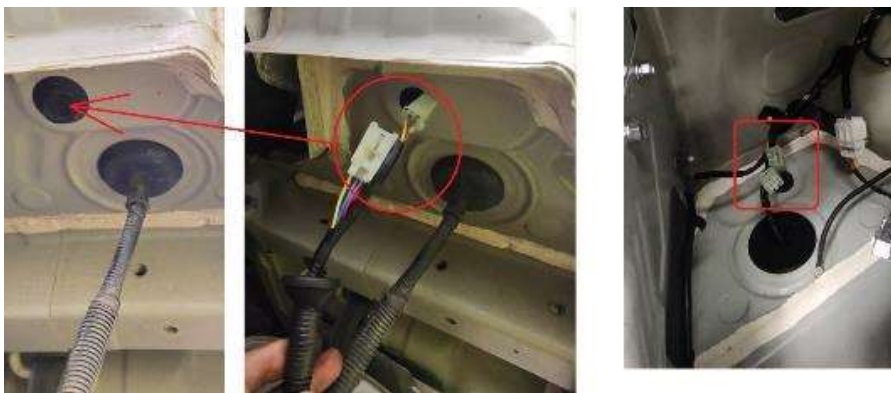
5. Connect the internal harness 6-way male connector to the vehicle 6-way female connector.



TAG Warranty Statement



6. From the outside, under the vehicle, feed the external harness through the 25mm Grommet hole.
7. Seat the supplied grommet in the hole ensuring a good seal is made.



8. On the inside of the vehicle, connect the 2 external harness 6-way connectors to the 2 internal harness 6-way connectors.



TAG Warranty Statement



9. Clean a suitable area on the inside with alcohol wipes or similar (not included) to mount the ECU. Ensure the cleaned area has fully dried before proceeding.
10. Peel back the double sided tape in the back of the ECU and adhere to the previously cleaned area.
It is recommended to also use cable ties and/or tek screws to secure the ECU in place.



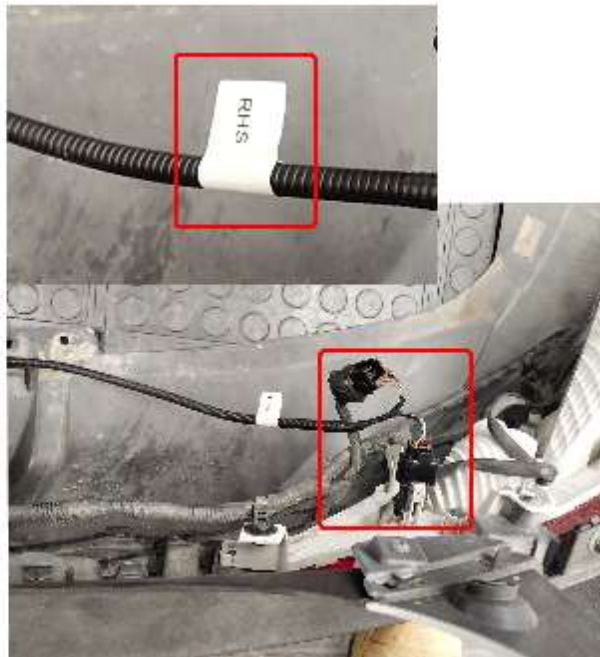
11. On the outside, connect the external harness “**STOP**” branch to the mating LHS Vehicle Tail-light harness. Ensure the harness is routed behind the Cross-Traffic Radar.



TAG Warranty Statement



12. Patch in the “RHS” branch connector to the Right Hand Side Bumper Light Cluster on the right hand side of the bumper Fascia.



13. Patch in the Patch in the “LHS” branch connector to the Left Hand Side Bumper Light Cluster on the left hand side of the bumper Fascia.



14. Route the External Harness 7-pin flat plug branch along the top of the towbar and secure to the towbar with cable ties (not included) at 200mm intervals.
15. Secure the 7-pin flat plug to the towbar plug mount using the supplied M4 bolts, nuts & washers.
16. Test the towbar harness with a light test-board.
17. Secure any loose wiring with cable ties or similar.

NOTE: Ensure the harness is routed in such a manner that it avoids sharp objects or sources of heat.

Step 4: Disable Rear Parking Sensors

When towing, you may want to disable the rear parking sensors as they will detect the trailer.

1. Locate and push the button near the transmission lever which has the following symbol printed on it. This will temporarily disable the parking sensors.



**Temporarily
disable parking
sensors**

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.