

Fitting Instructions



SKU

UNT353

PRODUCT

**Towbar Wiring Harness
for Nissan Patrol (12/2012-on)**

SPECIFICATIONS

- Approx. Fitment Time: 45 Minutes
- Dealer Coding Required: No
- RPA override: No
- Plug & Play: Yes



Scan for latest
version of these
instructions

TOOLS REQUIRED

- Spanners
- Sockets
- Pliers.
- Trim Removal Tool
- Screw Drivers

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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 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: Install Wiring Harness

- a. Remove the negative terminal from the battery.
- b. Open the tailgate.
- c. Remove LHS & RHS taillight assemblies and unplug.



- d. Lift and fold the tool compartment cover forward.
- e. Remove the outer floor trim via 2x M6 bolts.



- f. Carefully dislodge the tailgate scuff plate.



Installation Instructions



g. Dislodge the upper tie-down fixture. Repeat on opposite side.



h. Remove the lower tie-down fixture by lifting plastic flap and removing its securing bolt. Repeat on opposite side.



i. Carefully dislodge the outer interior trims from the body

j. Locate the taillight harness and pull through to the inside.

k. Connect the UNT353 mating plug (LHS) to the vehicle connector. Push the remaining plug back through the taillight harness hole. Repeat on the opposite side with the UNT353 mating plug (RHS).



Installation Instructions



- l. Route the wires of the (RHS) connector across the back of the vehicle where the scuff plate will attach.
- m. On the LHS, secure the (-12v) grounding ring to the vehicle grounding bolt (M6) located forward & above the taillight harness hole.



- n. On LHS, locate the large round grommet at the lowest point behind the trim. Make a small incision and feed the tail harness (7 core) through to the outside.



- o. Route the tail harness toward the plug mount of the towbar and connect the 7-pin flat plug as per the diagram (pg2).
- p. In the engine bay, fasten the positive ring terminal to the battery and route the orange wire across the firewall and along the LHS chassis to the rear of the vehicle. Insert connector through the large grommet (step n) and connect to the UNT353 harness. **Make sure to re-seat the grommet.**

Note: Ensure harness routing is clear of all sharp edges, moving parts and places of extreme heat.

- q. Locate a suitable flat position for the ECU to be secured. Clean the location with an alcohol wipe, peel the cover from the double-sided tape on the ECU and adhere to the body.
- r. Loop the remaining harness and secure with cable ties.
- s. Re-install the interior trims in reverse of steps (c-i) being careful to hide the RHS taillight wire beneath the rear scuff plate.
- t. Reconnect the negative terminal of the battery & test the UNT353 harness using a light board or multi-meter.
- u. Place the fitting instructions in the glove when complete.

Installation Instructions



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.