

Fitting Instructions



SKU

PRODUCT

T7D762

**TAG Heavy Duty Towbar to suit
Nissan Patrol (12/2012 - on)**



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version of these
instructions

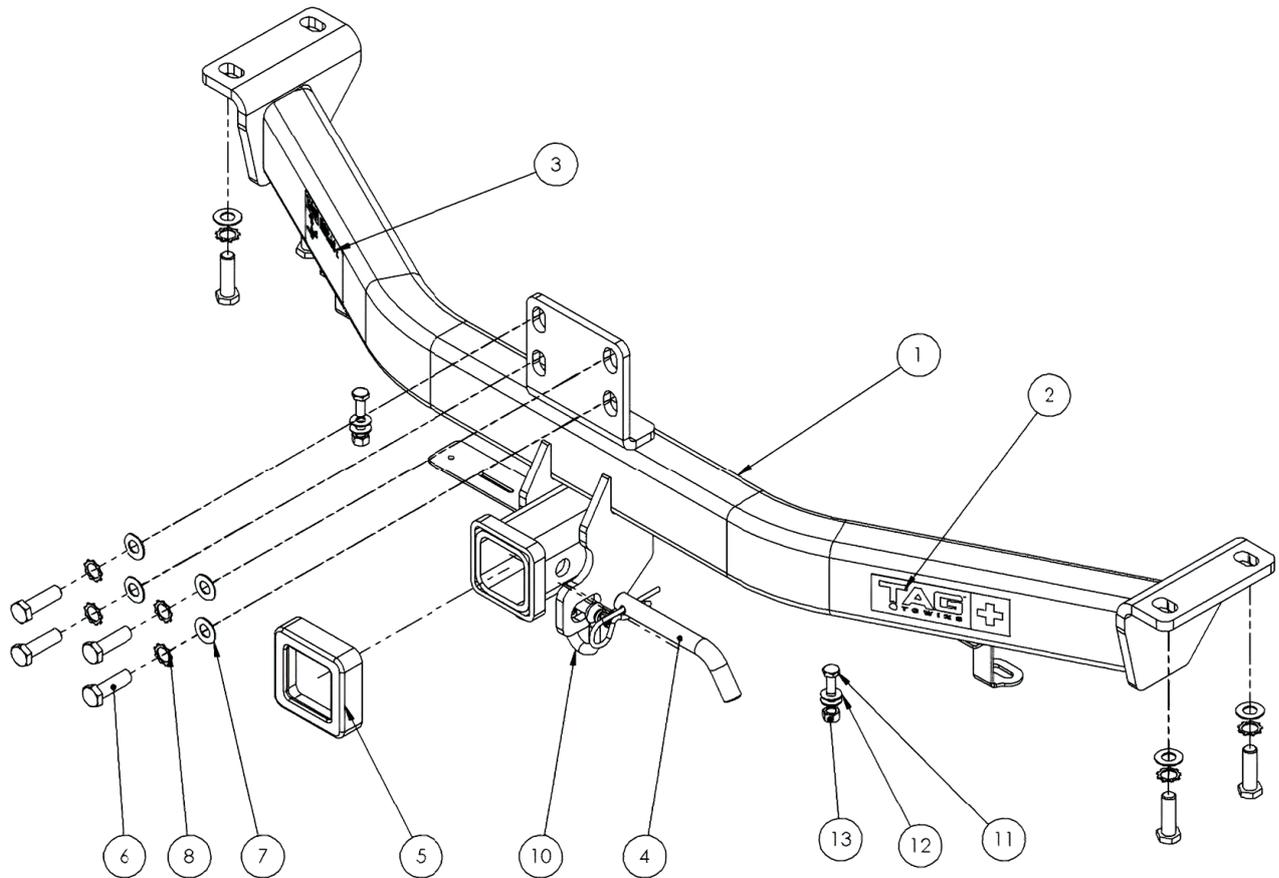
SPECIFICATIONS

- Towbar Class: Standard Duty
- Towing Capacity: 3500kg

IN THIS GUIDE

- Fitment Instructions
- Torque Settings
- Warranty Info

Towbar Fitting Instructions



Tools Required: Spanners, Sockets, Torque wrench

| ITEM NO. | DESCRIPTION | QTY. | ITEM NO. | DESCRIPTION | QTY. |
|----------|---------------------------------|------|----------|--|------|
| 1 | Welded Towbar Assembly T7D762 | 1 | 8 | M12 Shakeproof Washer | 8 |
| 2 | TAG + Foil Sticker 123x38 | 1 | 9 | Fitting Instructions T7D762 | 1 |
| 3 | TAG Compliance plate | 1 | 10 | TAG D-Shackle - 10mm, 1000kg, Galvanised | 2 |
| 4 | Class 4 Pin & Clip | 1 | 11 | M8x20 1.25Pitch B/O GR8.8 Metric Thread Zinc Clear | 2 |
| 5 | Cover Hitch Receiver Collar TAG | 1 | 12 | M8 Flat Washer | 4 |
| 6 | M12x1.25x40 Bolt | 8 | 13 | M8x1.25 Nut | 2 |
| 7 | M12 Flat Washer Zinc Clear | 8 | | | |

Step-By-Step Instructions

Warning:

- This product is for towing purposes only and must only be loaded as shown in your vehicle Owner's Manual.
- This towbar is NOT to be drilled, cut, welded, or modified in any way.
- Check behind chassis rail and body panels before drilling to ensure no hazards are present
- All load ratings shown are under the assumption your trailer has a functional braking system installed
- When installed in positions other than the one depicted in these instructions the Tow Ball Mount may interfere or obstruct certain features of your vehicle (tailgate opening, Chassis clearance, etc.)

General:

- Before fitting this towbar read fitting instructions and check installation hardware is correct.
- Check that the towbar is suitable for the vehicle and be wary of any changes to the vehicle design that may conflict with the fitting of this towbar. (Tray, Canopy, Suspension etc.)
- After drilling, blow any filings clear, remove any swarf and treat exposed metal with a rust inhibitor.
- The high tensile fasteners supplied with this product are an integral feature to achieving the specified rating, if replacement is required ensure that fasteners of the same grade (8.8) & quality are used. Contact an authorised TAG distributor or the TAG fitment centre - (07) 3208 3022 - if further information is required.

Towbar Maintenance and Care:

It is recommended, when not in use, the Tow Ball Mount assembly and class 4 Pin and Clip is stored inside the car away from moisture to prevent standing water from forming rust. Inspect to ensure, on regular basis, fasteners are torqued to the specifications below and in good condition.

**Ensure that the fitting instructions are read and understood prior to fitment
Place these instructions in the vehicle's glovebox after installation is completed**

Towbar Fitting Instructions



Step 1. Remove taillights

- Remove plastic covers from the taillight assemblies.
- Remove 3x M6 bolts fastening the taillight and bumper per side.
- Taillight assembly releases outwards from body. Disconnect wiring harness.
- Remove plastic scrivet from within cavity.
- Retain all fasteners.

Trim tool, 10mm spanner, trim removal tool.



Step 2. Remove bumper bar

- Remove screws fastening the bumper to the body.
- Remove 6x Torx head screw fastening mudflap.
- Remove 2x bolts rearward of the mudflap.
- Repeat on LHS. Retain all fasteners.
- Remove 2 screws from the bottom of the bumper either side of spare wheel.
- Remove 2x screws from rear most lower bumper retainers & 4 screws attaching lower splash guards.
- Beginning at each wheel arch, gently peel the bumper away from the body around to the base of the taillight cavity.
- Disconnect the reverse sensor harness from the bumper.
- Retain the foam infills located on the crash bar.

Phillips screwdriver, Torx wrench, 10mm spanner.



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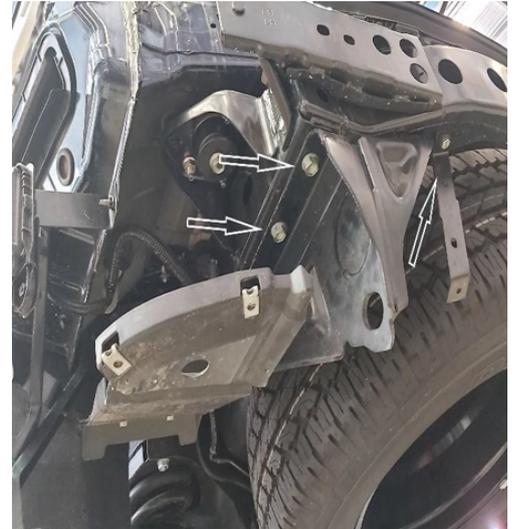


Step 3. Install Towbar

- Remove five bolts and towing hook from the LHS chassis rail and discard. Remove & discard bumper retaining brackets & bolts.
- Lift the towbar to the chassis. Loosely secure side arms with M12x 40 bolts, flat & shake proof washers.
- Loosely secure centre plate to crossmember with 4x M12x 40 bolts, flat & shake proof washers.
- Fasten all bolts.

18mm socket & spanner

Torque Spec: 90Nm



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Step 4. Cut Bumper Bar

- Cut the bumper bar to suit the hitch box. (110w x 80h). Fit the supplied pinch weld.
- Remove the horizontal centre tab located above the hitch cut-out.
- Trim the RHS splash guard adjacent rear. (see pic)
- Refit the bumper bar in reverse of steps 1 & 2.
- Fasten lower rear bumper retainers with M8 hardware.

Air saw, 13mm spanner & sockets



Step 5. Apply Door Sticker

- Apply one of the compliance labels to the pillar of the driver's door. Leave the remaining label & the fitting instructions in the vehicle handbook.



Torque table for bolt tightening

| Diameter | Pitch | Grade | Torque | Unit |
|----------|-------|-------|--------|------|
| M8 | 1.25 | 8.8 | 29 | Nm |
| M10 | 1.25 | 8.8 | 57 | Nm |
| M10 | 1.50 | 8.8 | 44 | Nm |
| M12 | 1.25 | 8.8 | 101 | Nm |
| M12 | 1.50 | 8.8 | 97 | Nm |
| M12 | 1.75 | 8.8 | 77 | Nm |
| M14 | 2.00 | 8.8 | 122 | Nm |
| M16 | 2.00 | 8.8 | 190 | Nm |

TAG Warranty Statement

SWD warrants your TAG Towbar for its full product life under the following conditions:

- You can show proof of purchase.
- The towbar has been correctly installed by a suitably qualified installer.
- The towbar has not been modified or abused in any way and has only been used for the purpose intended.
- The towbar was not fitted second hand to your vehicle.

The extent of this warranty includes materials and workmanship used in the manufacture of the towbar 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