

# Fitting Instructions



SKU

PRODUCT

**T2D459**

**TAG Standard Duty Towbar to suit Nissan Pulsar (07/1999 - 2006)**



## Example Image Only

Towbars are designed specifically for each vehicle and may differ from the example above



Scan for latest version of these instructions

## SPECIFICATIONS

- Towbar Class: Standard Duty
- Towing Capacity: 1000kg
- Fit with wiring harness

## IN THIS GUIDE

- Fitment Instructions
- Torque Settings
- Warranty Info

# Towbar Fitting Instructions



## Step-By-Step Instructions

### Warning:

Safety First: Always use correct safety equipment.

This towbar is NOT to be drilled, cut, welded or modified in any way.

Check the surrounding area before drilling into chassis or body panels for fuel lines, wiring harnesses and other components that may be a hazard.

### 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.

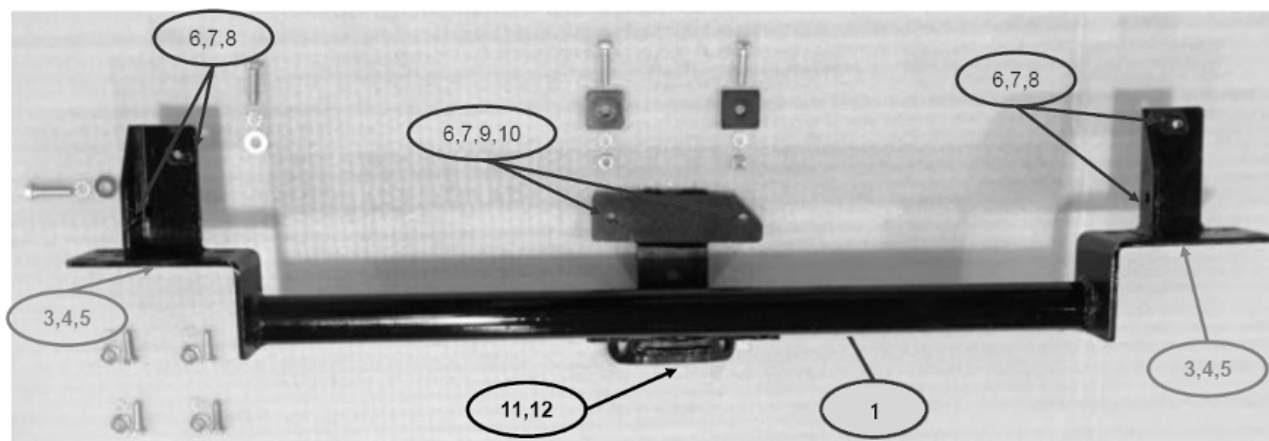
After drilling, blow any filings clear, remove any swarf and treat exposed metal with a rust inhibitor.

If this vehicle requires a bumper cut out, please check to make sure that you measure twice and check twice before cutting any panels as some bumper profiles can change.

If you are not sure then ask your towbar supplier.

Tighten all bolts as specified on the last page.

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Tools Required: Spanners, Sockets, Screwdriver, Torque wrench, Air saw or similar, Drill, Drill bit set, Stepped drill bit, Trim puller or similar

ITEM NO.	DESCRIPTION	QTY.	ITEM NO.	DESCRIPTION	QTY.
1	Towbar – T2D459	1	7	$\frac{3}{8}$ " Shakeproof Washer	6
2	Ball Mount – L231	1	8	M10 Flat washer	6
3	M8 x 1.25 x 30 Bolt	8	9	Top Plate	4
4	M8 Shake proof washer	8	10	$\frac{3}{8}$ " UNC Nut	2
5	M8 Flat Washer	8	11	M16 x 2 x 35 Bolt	2
6	$\frac{3}{8}$ " x 1 $\frac{1}{2}$ " UNC Bolt	6	12	M16 Spring Washer	2

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## Step 1. Check hardware, remove bumper, discard tow hook

- a. Lay out the fitting kit next to the towbar with the fasteners in their respective positions on the towbar and ensure all hardware to be included is in the kit and correct
- b. Open boot, remove 2 x black plastic clips and screw from where the boot opening connects to the rear bumper
- c. Remove the 10mm socket head bolt from the top of each wheel arch, from behind each mudflap, and the 2 from the underside of the bumper
- d. Starting from the wheel wells peel the bumper skin away from the car then after releasing the sides pull rearward to release from the car

**NOTE: Assistance may be needed to carry out this process.**

- e. Remove crash cones and retain
- f. Remove and discard towing hook on LHS

## Step 2. Fit Towbar

**NOTE: Some bolts may require a hole to be drilled use towbar as the hole location guide and an 11mm drill bit followed by step drill for drilling the hole.**

- a. Offer towbar to the car and secure with 8 X M8 x 1.25 x 30
- b. Fit 4 x  $\frac{3}{8}$ " x 1  $\frac{1}{2}$  UNC bolts to the endplates
- c. Pull back the boot carpet and remove everything from the boot to fit the last two  $\frac{3}{8}$ " bolts through the boot making sure the plate is being use as a washer on the inside of the boot.
- d. Torque all bolts to their respective torque settings
- e. Replace all components that were not discarded by repeating step 1 in the reverse order Offer towbar to the car and secure with 8 X M8 x 1.25 x 30
- f. Fit 4 x  $\frac{3}{8}$ " x 1  $\frac{1}{2}$  UNC bolts to the endplates
- g. Pull back the boot carpet and remove everything from the boot to fit the last two  $\frac{3}{8}$ " bolts through the boot making sure the plate is being use as a washer on the inside of the boot.
- h. Torque all bolts to their respective torque settings
- i. Replace all components that were not discarded by repeating step 1 in the reverse order

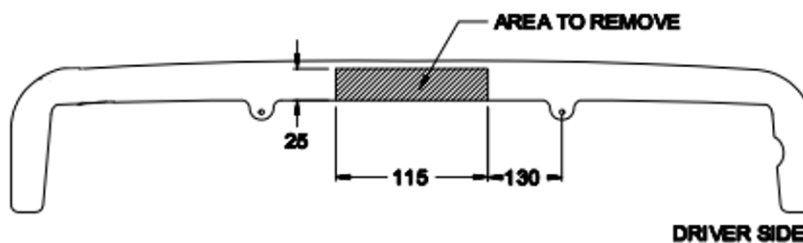
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## Step 3. Cut Bumper

- Perform bumper cut with an air saw or similar.

**NOTE:** The towbar installer is ultimately responsible for the location & quality of the bumper cut. To avoid mistakes, please use the following measurements as a guide only. We suggest making small incremental cuts and regularly test fit the bumper to ensure an accurate and tidy appearance. The additional application of rubber pinch-weld around the cut edge ensures a neat & tidy look.



## Step 4. 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.



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## 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
<b>Imperial Bolt Torque Settings</b>				
3/8"	UNC	8	44.75	Nm
1/2"	UNC	8	108.5	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](http://www.swd.com.au)