

Fitting Instructions



SKU

PRODUCT

T4S517

TAG Heavy Duty Towbar to suit Subaru Impreza (09/2008 - 01/2012)



Example Image Only

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



Scan for latest version of these instructions

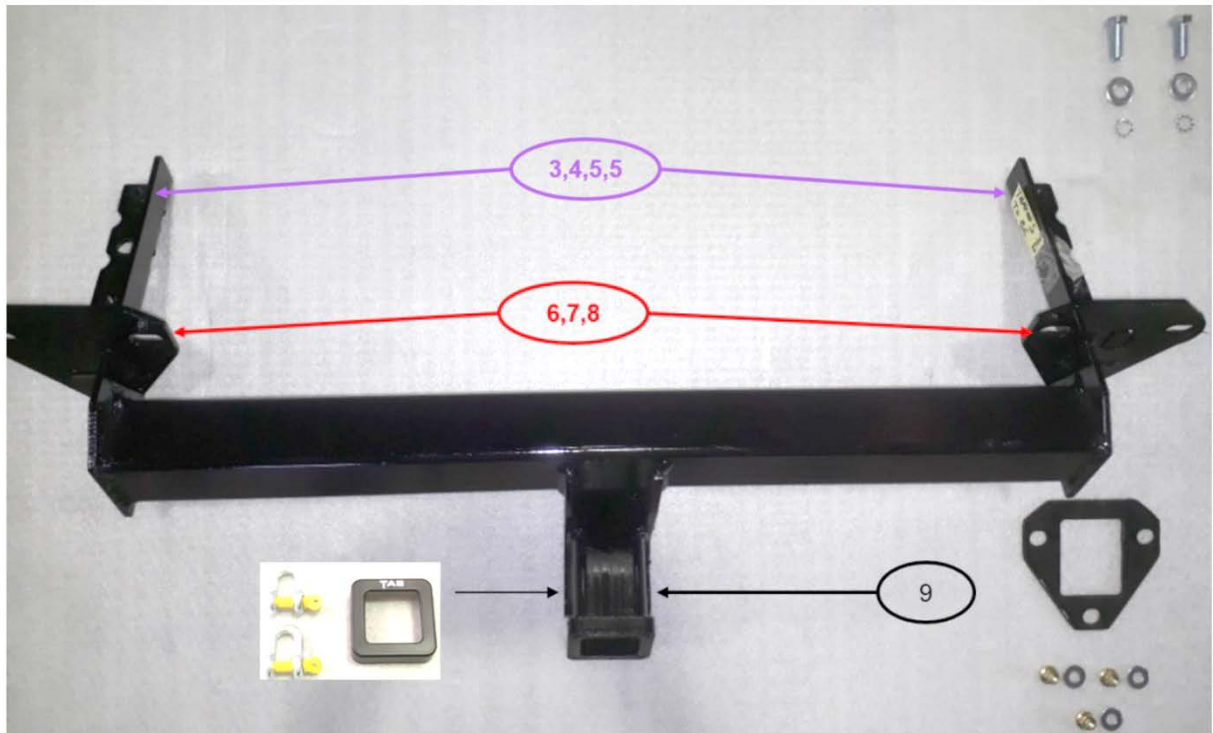
SPECIFICATIONS

- Towbar Class: Heavy Duty
- Towing Capacity: 1200kg

IN THIS GUIDE

- Fitment Instructions
- Torque Settings
- Warranty Info

Towbar Fitting Instructions



| <u>Item Number</u> | <u>Item</u> | <u>Quantity</u> |
|---------------------------|----------------------------|------------------------|
| 1 | Towbar – T4S517 | 1 |
| 2 | Ball Mount – L4120 | 1 |
| 3 | M12 x 1.5 x 35 Bolt | 4 |
| 4 | M12 Shake proof washer | 4 |
| 5 | M12 Flat Washer | 4 |
| 6 | Bracket | 2 |
| 7 | M10 Flat washer | 6 |
| 8 | M10 x 1.25 Gold flange nut | 6 |
| 9 | Class 4 Pin | 1 |

Tools Required: Spanners, Screwdriver, Sockets, Torque wrench

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**

Step 1. Remove Bumper Bar

- a. Remove 2 x plastic trim buttons from underneath bumper bar.
- b. Remove 2 x plastic trim button on the underside of guard.
- c. Remove 3 x screws in the inner wheel arch each side of the vehicle.
- d. Unplug the reverse parking assist sensors if fitted.
- e. Flex bumper bar skin out at the sides then pull rearward to remove.
- f. Remove and discard the impact beam via 6 x M10 nuts.
- g. Lower the two rear-most mufflers from the 5 rubber exhaust hangers.
- h. Remove & discard 2 x rubber grommets from the underside of each chassis rail. Drill these holes to 13mm using a step drill or similar.

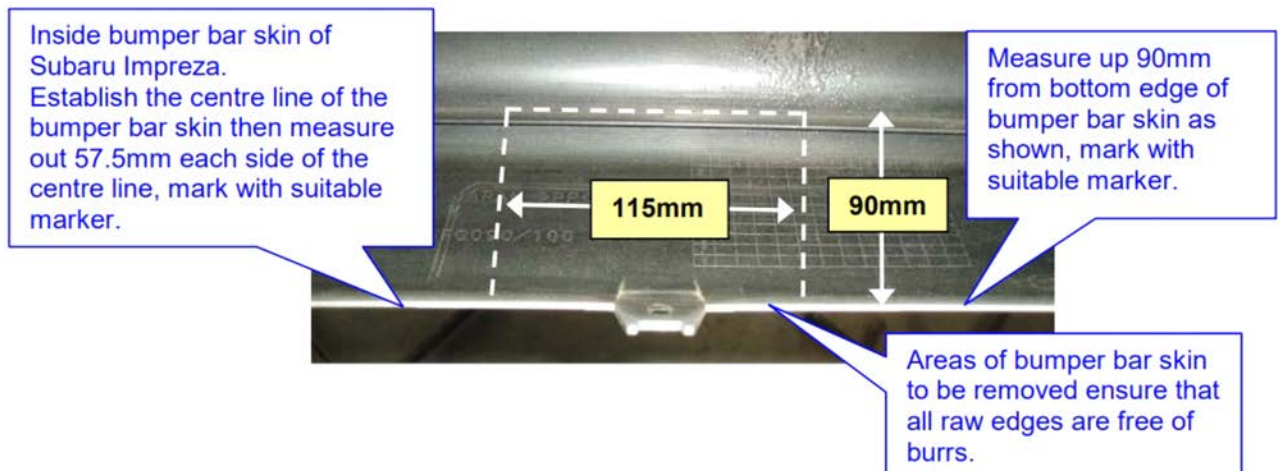
Step 2. Fit Towbar

- a. Fit loose 3mm plates to rear panel of vehicle so that holes align with studs.
- b. Offer tow bar to vehicle sub frame so that captive nuts on side plates align with existing holes in chassis rails.
- c. Fit loose plates M12 x 35 bolts & spring washers provided loosely.
- d. Fit M10 x 1.25P whizz nuts to the rear studs of the vehicle
- e. Fasten all hardware to the torque specification on back page

Step 3. Cut Bumper

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.

Towbar Fitting Instructions



Step 2. Apply Compliance Label

- Apply one of the compliance labels to the pillar of the driver's door. Leave the remaining label and 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 |
| Imperial Bolt Torque Settings | | | | |
| 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