

Fitting Instructions



SKU

PRODUCT

T7S692

TAG Heavy Duty Towbar to suit Subaru Forester (01/2013 - 09/2018)



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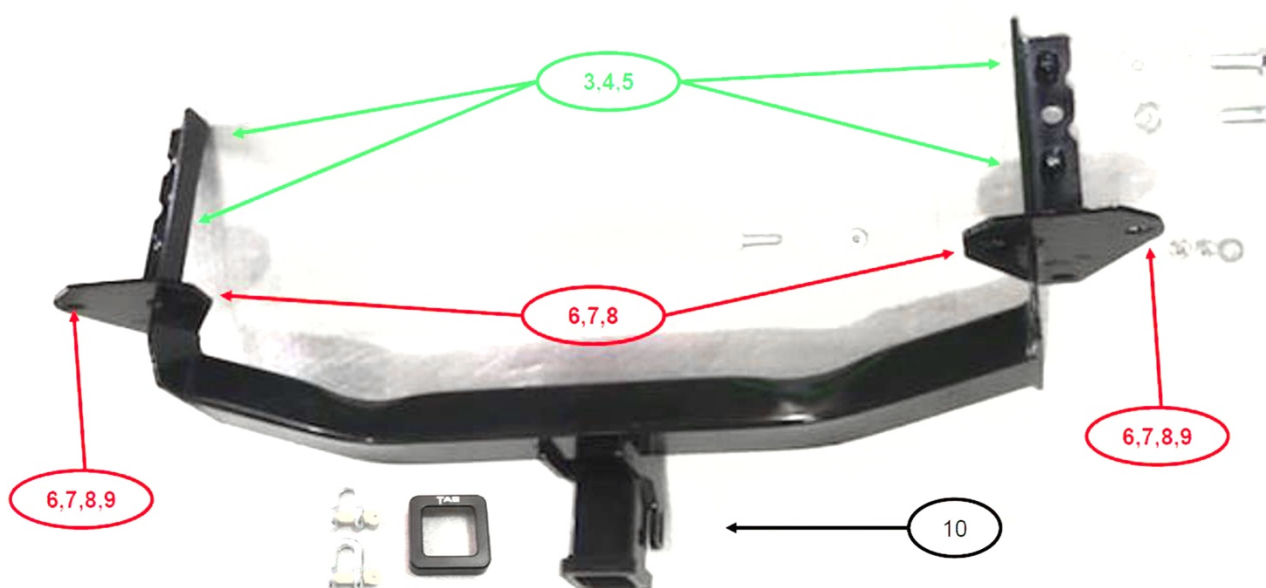
SPECIFICATIONS

- Towbar Class: Heavy Duty
- Towing Capacity: 1500kg

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Towbar Fitting Instructions



Tools Required: Spanners, Sockets, Screwdriver, Torque wrench

| <u>Item Number</u> | <u>Item</u> | <u>Quantity</u> |
|--------------------|----------------------------|-----------------|
| 1 | Towbar – T7S692 / T4S601 | 1 |
| 2 | Ball Mount – L4120 | 1 |
| 3 | ½" x 1 ½" UNC Bolt | 4 |
| 4 | ½" Shake proof washer | 4 |
| 5 | ½" Flat Washer | 4 |
| 6 | M10 x 1.25 x 35 Bolt & Nut | 4 |
| 7 | M10 Shake proof washer | 4 |
| 8 | M10 Flat Washer | 4 |
| 9 | M10 x1.25 Gold locking nut | 2 |
| 10 | Class 4 Pin & clip | 1 |

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 Bumper & impact beam

- a. Remove 2 x Phillips head screws from the outer cover of each taillight assembly and remove cover.
- b. Remove 2x screws from each taillight and carefully pull rearward to remove.
- c. On the inside of each wheel arch, remove 1 plastic scrivet.
- d. Remove all the remaining scrivets from the underside of the bumper.
- e. Beginning at the wheel arch, carefully peel away the plastic bumper from the body of the vehicle.
- f. Disconnect any wiring looms present.
- g. Set bumper aside.
- h. Remove the steel impact beam via 2x hex head screws & 1x nut per side.
- i. Discard impact beam and all fasteners.
- j. Remove the exhaust from the rear most rubber hangers. Ensure the exhaust is supported.
- k. Remove the heat shield above the muffler via 4 hex head screws. Set the heatshield and screws aside.
- l. Remove 2x rear-most rubber plugs from each chassis rail & discard.

Step 2. Fit Towbar

- a. Lift towbar to rear of vehicle and guide arms into chassis rail cavities.
- b. Insert 2x M12x40 bolts with washers into holes in bottom of each chassis rail and towbar side arms. Leave loose.
- c. Loosely fasten the towbar flange to the rear panel with 2x M10x 35 bolts & 1x M10 nut. Repeat on opposite side.
- d. Fasten all bolts.

Towbar Fitting Instructions



Step 3. Cut Bumper Bar & Refit

- a. Establish the centreline of the bumper.
- b. Mark the cut out, 140mm high & 85mm wide.
- c. Using an air saw or similar cut the bumper as per the marks.
- d. Deburr the cut edges.
- e. The muffler heat shield will need to be cut/ modified to refit. Cut out the section where the towbar is mounted to the chassis & deburr the cut edges.
- f. Refit the heat shield with the original fasteners.
- g. Refit the exhaust onto the hangers. Refit the bumper in reverse of steps 1a-g.

Step 4. Fit Ball Mount and Apply Door Sticker

- a. 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