

Fitting Instructions



SKU

PRODUCT

T4P583

TAG Heavy Duty Towbar to suit Volvo Xc90 (04/2003 - 02/2015)



Scan for latest version of these instructions

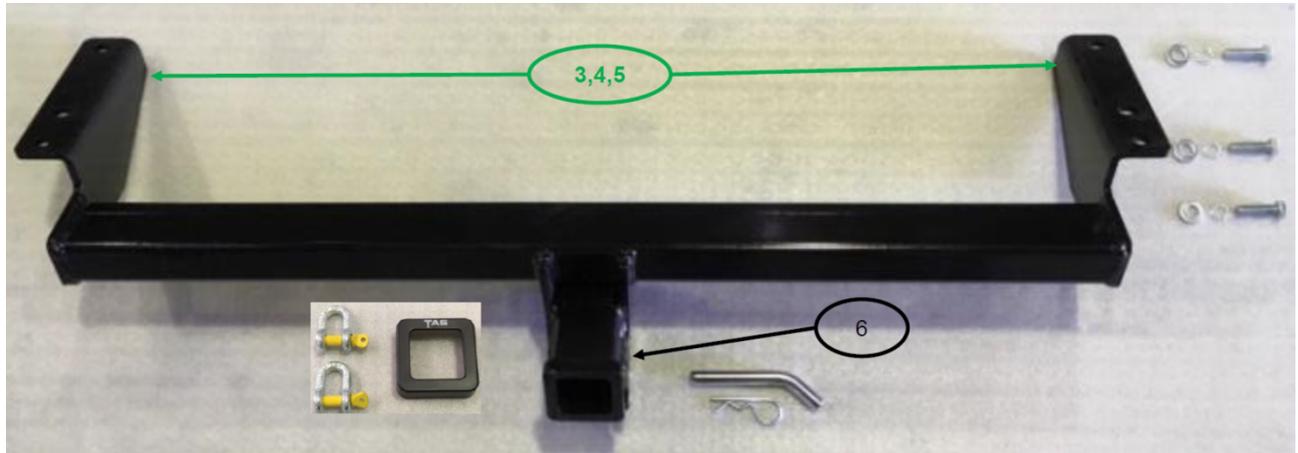
SPECIFICATIONS

- Towbar Class: Heavy Duty
- Towing Capacity: 2250kg

IN THIS GUIDE

- Fitment Instructions
- Torque Settings
- Warranty Info

Towbar Fitting Instructions



<i><u>Item Number</u></i>	<i><u>Item</u></i>	<i><u>Quantity</u></i>
1	Towbar – T4P583	1
2	Ball Mount – L4120	1
3	M12 x 1.75 x 40 Bolt	6
4	M12 Shake proof washer	6
5	M12 Flat Washer	6
6	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.

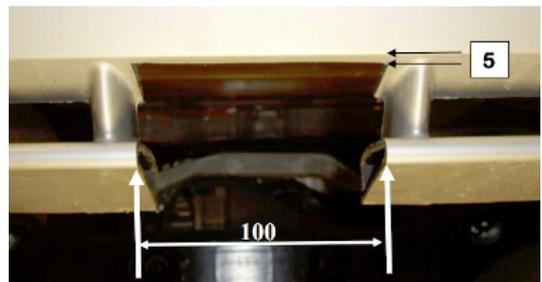
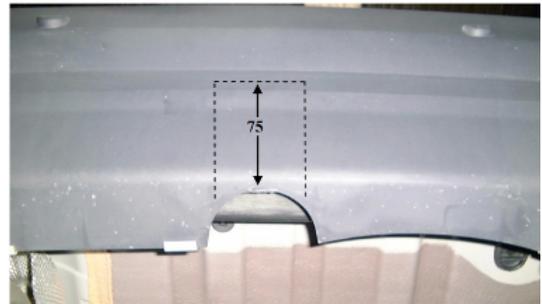
**Ensure that the fitting instructions are read and understood prior to fitment
Place these instructions in the vehicle's glovebox after installation is completed**

Towbar Fitting Instructions



Step 1. Remove Bumper

- a. Remove the spare wheel.
- b. Remove and discard the towing eye from DS.
- c. On DS remove rear most exhaust mounting bracket from the chassis. (Newer models will also have the same bracket on the PS which needs to be removed).
- d. Remove exhaust from forward most hanger and let it hang.
- e. Cut the bumper bar.
 - i. The centre is defined by the circular cut out.
 - ii. Mark a line 40mm either side of the centreline.
 - iii. Mark another line 70mm from the top of the circular cut out.
 - iv. Cut bumper using air saw or similar and tidy edges.
 - v. See photo for R-design cut out.



Step 2. Fit Towbar

- a. Lift towbar over exhaust first then line up with captive nuts in chassis rails.
- b. Fit bolts supplied making sure towbar is square to bumper cut, tighten to torque listing (In newer models, discard the rearmost bolt on the driver side, use it on the older models only).
- c. Refit all exhaust hangers.
- d. Refit spare wheel.
- e. Attach plastic hitch surround.
- f. Insert ball mount and secure with pull pin & clip.

Towbar Fitting Instructions



Step 3. Apply Compliance Label

- a. 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