

# Fitting Instructions



SKU

PRODUCT

**T7F780**

**TAG Heavy Duty Towbar to suit Ford Transit (02/2014 - on)**



Scan for latest version of these instructions

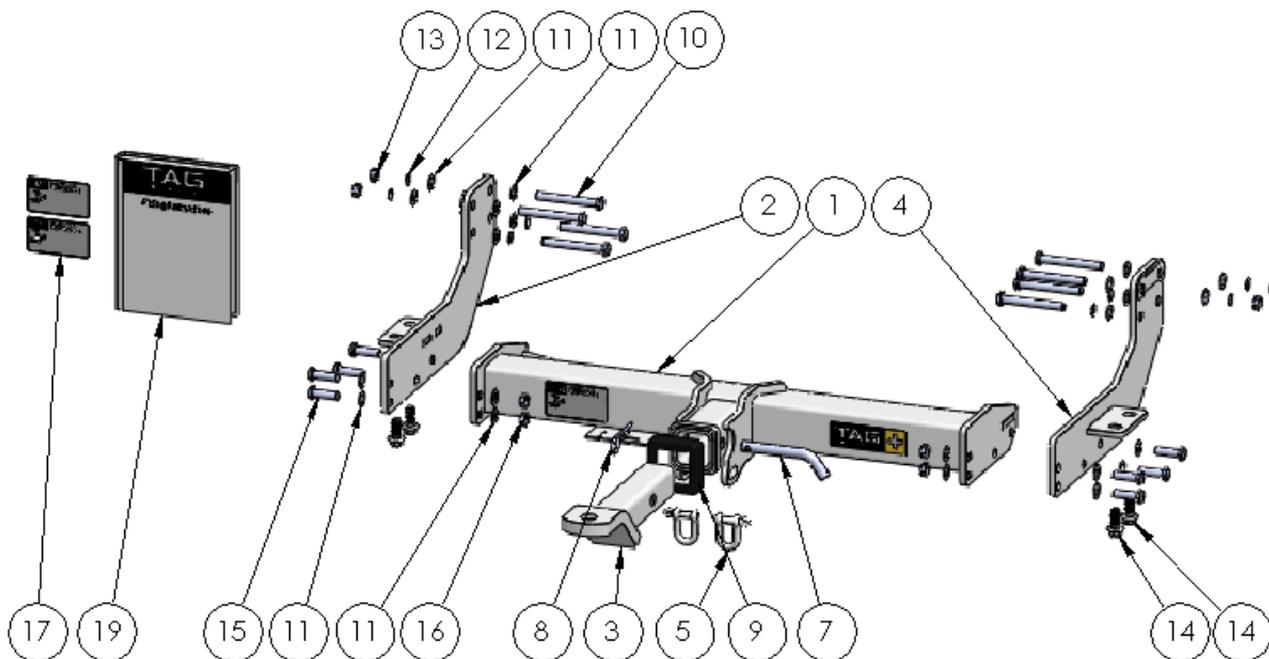
## SPECIFICATIONS

- Towbar Class: Heavy Duty, Extended 3-Piece
- 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 Assembly for T7F780	1	10	M12x1.75x100 Bolt	8
2	End Plate Assembly	1	11	M12 Flat Washer Zinc Clear	28
3	L4045 Ball Mount	1	12	M12 Shakeproof Washer	8
4	End Plate Assembly	1	13	M12x1.75 Nut	4
5	TAG D-Shackle - 10mm, 1000kg, Galvanised	2	14	TAPTITE HEX ZINC CLEAR M12X30 (TRI-LOBE) GR8.8 Metric Thread	4
6	Class 4 Pin & Clip	1	15	M12x1.25x40 Bolt	8
7	Class 4 Pin	1	16	M12x1.25 Nut	8
8	E-Clip for Class 4 Pin & Clip	1	17	TAG Compliance plate	3
9	Cover Hitch Receiver Collar TAG	1	18	TAG + Foil Sticker 123x38	1
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## 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**

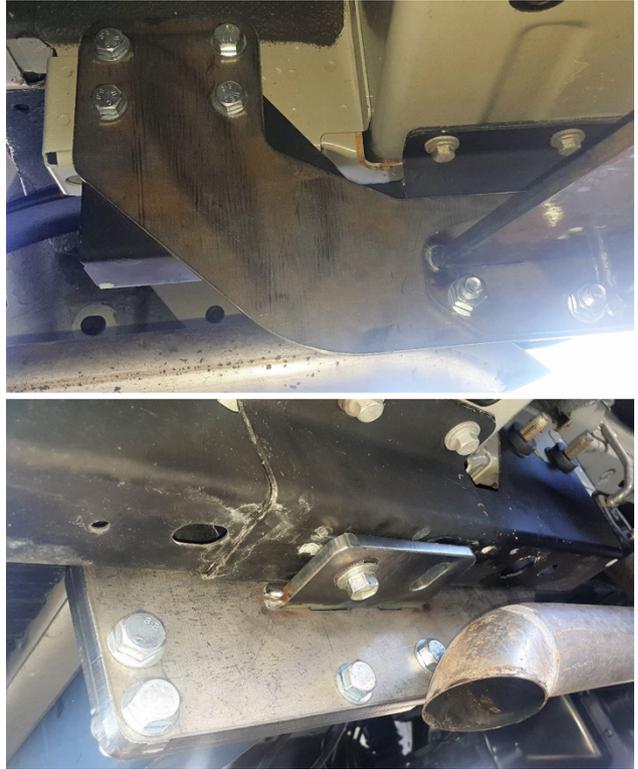
**Place these instructions in the vehicle's glovebox after installation is completed**

# Towbar Fitting Instructions



## Step 1. Fit Towbar

- a. Remove 2x M12 bolts from each chassis rail & discard.
- b. Lift PS endplate to the chassis & insert 2x M12x 100 bolts with shakeproof & flat washers into lower holes where original bolts were removed. Insert 2x M12x 100 bolts with washers into top holes & add shakeproof & flat washers & nuts to the outside. Leave loose.
- c. Loosely fasten lower end plate tab to chassis base with 2x M12 TapTite bolts.
- d. Repeat on DS.
- e. Lift main bar up to endplates & insert M12x45 bolts with washers & nuts. Leave loose.
- f. Tighten TapTite bolts in bottom of chassis.
- g. Tighten M12x100 bolts on side of chassis.
- h. Tighten M12x40 bolts on main bar.



## Step 2. Apply Door Sticker

- a. Apply one of the compliance labels to the pillar of the driver's door and leave the other 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
<b>Imperial Bolt Torque Settings</b>				
3/8"	UNC	8	44.75	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 intended purpose.
- 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)