

Fitting Instructions



SKU

TXR843

PRODUCT

**TAG Heavy Duty Towbar
for Ford Ranger Style Side -
(05/2022 - ON)**

SPECIFICATIONS

- Towbar Class: CL 7 Extreme Recovery
- Towing Capacity: 3500kg
- Tow ball Weight: 350kg
- Recovery Point WLL: 4500kg
- Approx. Fitment Time: 90 Minutes



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instructions

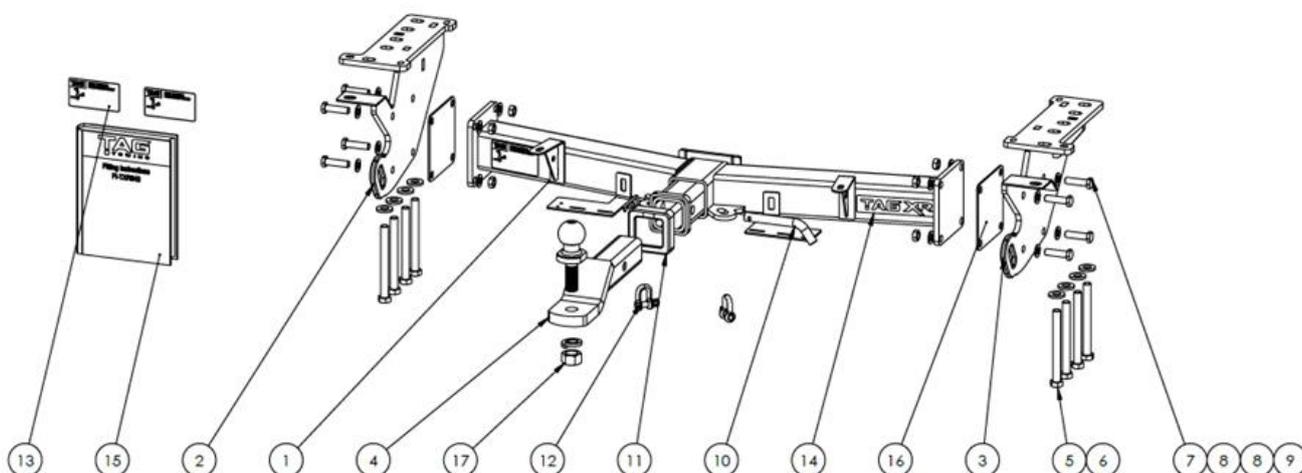
TOOLS REQUIRED

- Spanners
- Sockets
- Air Saw or similar.
- Trim Removal Tool
- Torque Wrench

IN THIS GUIDE

- Fitment Instructions
- Torque Settings
- Warranty Info

Towbar Assembly



ITEM NO.	DESCRIPTION	QTY.	ITEM NO.	DESCRIPTION	QTY.
1	Weld Assembly for TXR843	1	10	Class 4 Pin & Clip	1
2	End Plate Assy TXR843 PS	1	11	Tag Hitch Cover	1
3	End Plate Assembly T7F838 DS	1	12	D-Shackle – 10mm – 1000kg	2
4	L4045 PC Ball Mount	1	13	TAG Compliance Sticker	3
5	M14 x 2 x 140 Bolt	8	14	TAG XR Sticker 150 x 33mm	1
6	M14 Flat Washer	8	15	Fitting Instruction	1
7	M12 x 1.25 x 45 Bolt	8	16	End Plate Spacer	2
8	M12 Flat Washer Zinc Clear	16	17	50mm TAG Tow Ball	1
9	M12 x 1.25 Nut	8			

Important Information



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 burrs 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 center - (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.

<i>Metric Bolt Torque Settings</i>										
Diameter	Pitch	Grade	Torque	Unit	Diameter	Pitch	Grade	Torque	Unit	
M8	1.25	8.8	29	Nm	M12	1.50	8.8	97	Nm	
M10	1.25	8.8	57	Nm	M12	1.75	8.8	77	Nm	
M10	1.50	8.8	44	Nm	M14	2.00	8.8	122	Nm	
M12	1.25	8.8	101	Nm	M16	2.00	8.8	190	Nm	

Step 1: Remove Rear Bumper

- On the passenger side of the bumper bracket disconnect & remove the harness from 2x fixing points.
- Remove 1x M12 bolt (18mm socket) & 1x M10 bolts (13mm Socket) from the end of each chassis rail.
- Remove 2x M10 bolts (13mm Socket) from the underside of the center of the bumper.
- Remove bumper from bumper bracket.
- Retain all bolts from steps a-d.
- Remove the bumper bracket from the chassis via 4x M14 bolts (24mm socket).
- Discard bumper bracket & M14 bolts.



Step 2: Cut Bumper

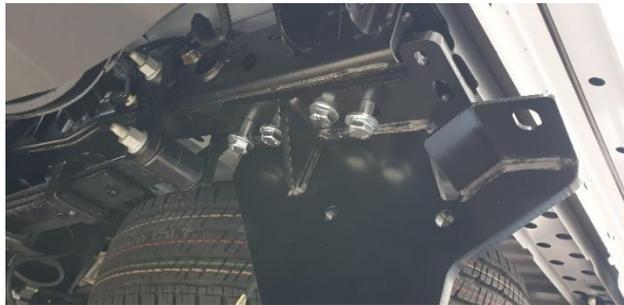
Note: The towbar installer is ultimately responsible for the location & quality of the bumper cut. To avoid mistakes, please use the following measurements as a guide only. We suggest making small incremental cuts and regularly test fit the bumper to ensure an accurate and tidy appearance. The additional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

- Establish the centerline of the bumper and mark. Measure 45mm out on each side of center.
- Mark & measure a line 15mm down & parallel to the split-line below the step tread.
- Connect the two outer lines of step a to the lateral line of step b.
- Carefully cut the bumper using an air saw or similar cutting tool.
- Deburr all cut edges.



Step 3: Fit Towbar

- f. Loosely secure the end plates to the chassis by inserting 4x M14x 2.0x 140 bolts with flat washers.
- g. Repeat on opposite side.
- h. Lift main bar up to end plates with 3mm spacer plate between the main bar and end plates. Loosely secure with 4x M12x1.25x 40 Bolts with flat washers & nuts.
- i. Repeat on opposite side.
- j. Beginning with the M14 chassis bolts, tighten all bolts to the specific torque (pg. 3)
- k. Re-fit the bumper onto the towbar using original bolts.
- l. To complete the fitment, tidily cable tie the bumper harness to the laser-cut loops of the end plate assemblies.



Step 4: 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.



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.