

Fitting Instructions



SKU

T4PA33

PRODUCT

**TAG Heavy Duty Towbar
for BMW X3 (08/2017 – 07/2024)**

SPECIFICATIONS

- Towbar Class: CL 4 Heavy Duty
- Towing Capacity: 2600kg
- Tow ball Weight: 260kg
- Approx. Fitment Time: 90 Minutes



Scan for latest
version of these
instructions

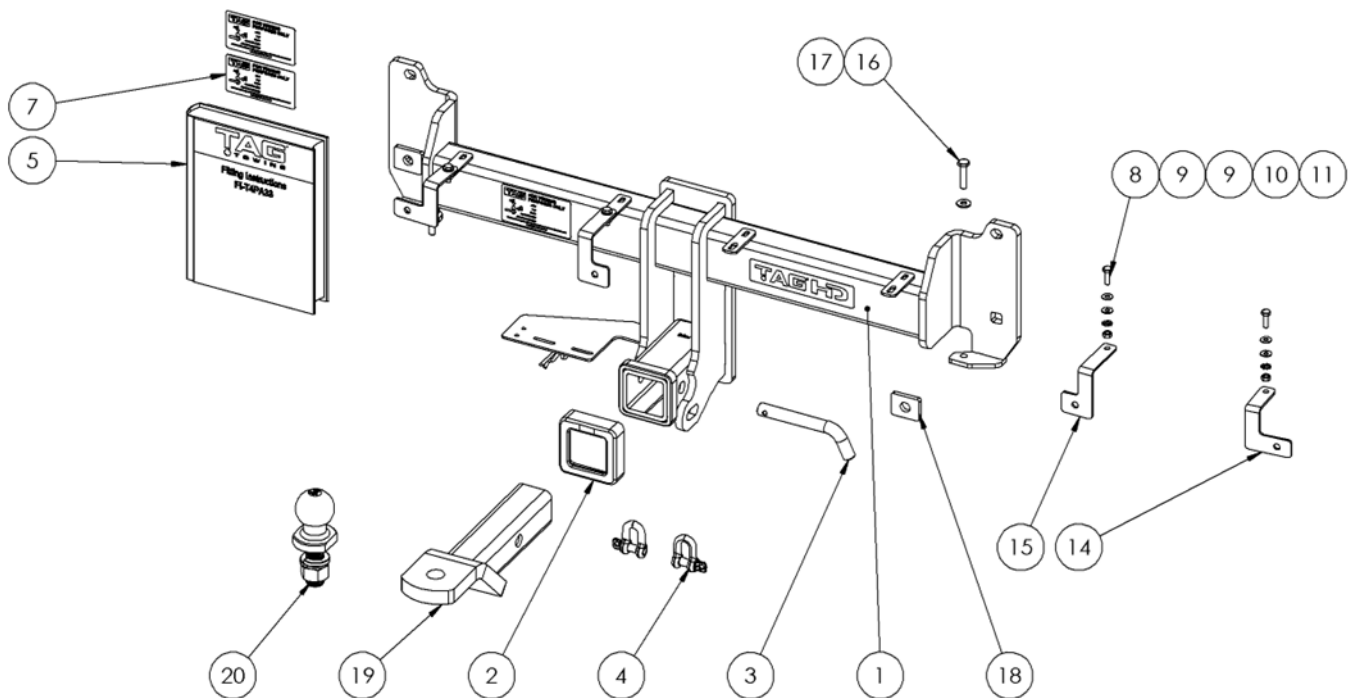
TOOLS REQUIRED

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

IN THIS GUIDE

- Fitment Instructions
- Torque Settings
- Warranty Info

Important Information



Item No.	Description	QTY.	Item No.	Description	QTY.
1	Welded Assembly - T4PA33	1	11	M6 x 1.0 Nut	4
2	TAG Hitch Cover	1	12	Outer Kick Sensor Plate	1
3	Class 4 Pin & Clip	1	13	Inner Kick Sensor Mount	1
4	D-Shackle - 10mm	2	14	Outer Kick Sensor Plate DS	1
5	Fitting Instruction	1	15	Inner Kick Sensor Plate DS	1
6	TAG HD Sticker 150 x 33mm	1	16	M8 x 1.25 x 35 Set Screw	2
7	Compliance Label	3	17	M8 Flat Washer	2
8	M6x1x20 Set Screw	4	18	Top Plate - 40x32x6	2
9	M6 Flat Washer	8	19	L4045S TBM	1
10	M6 Shakeproof Washer	4	20	50mm TAG Tow Ball - Chrome	1

Example of Tools Required & Symbols								
Tool	Symbol	Meaning	Tool	Symbol	Meaning	Tool	Symbol	Meaning
	●18	Rattle gun & Socket / Spanner Size			Multi Tool/ Air Hacksaw		*	Trim Removal Tool
	+	Phillips Driver			Measure & Mark		T5★	Torx Driver
	●16	Ratchet & Socket / Spanner Size		□16	Torque Wrench			

Important Information



**ENSURE THAT THE FITTING INSTRUCTIONS ARE READ AND UNDERSTOOD PRIOR TO FITMENT
PLACE THESE INSTRUCTIONS IN THE VEHICLE'S GLOVEBOX AFTER INSTALLATION IS COMPLETED**

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.
- All load ratings shown are under the assumption your trailer has a functional braking system.
- When installed in positions other than the one shown in these instructions the Tow Ball/ Tow Ball Mount may interfere or obstruct certain features of your vehicle (tailgate opening, Chassis clearance, Sensor Operation, etc.)

General:

- Before fitting this towbar check installation hardware is included and correct.
- Check that the towbar is suitable for the vehicle make, model and year then make sure any changes to the vehicle design do not conflict with the fitting of this towbar. (Tray, Canopy, Suspension etc.)
- Check behind chassis rail and body panels before drilling to ensure no hazards are present (fuel lines, electrical wires etc.)
- After drilling, blow any filings clear, remove any swarf in and around the area and treat exposed metal with a suitable rust inhibitor.
- If this vehicle requires a bumper cut out, please check to make sure that your measurements are correct and clear before cutting any panels as some bumper profiles can change. If you are not sure, please ask your towbar supplier.
- To ensure the towbar is safe and secure, it is the owners' responsibility that each fastener is torqued **at 1000km intervals**. If for any reason, a fastener is not suitable for re-torquing, it is the owners' responsibility to replace it to ensure it is of the same grade (8.8) and class as the original. Failure to do so will diminish the towing capacity of the towbar and may result in the deterioration of the chassis of the vehicle. Contact an authorised TAG distributor or the TAG fitment centre 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.

<i>Metric Bolt Torque Settings</i>										
Diameter	Pitch	Grade	Torque	Unit		Diameter	Pitch	Grade	Torque	Unit
M8	1.25	8.8	29	Nm		M12	1.25	10.9	125	Nm
M10	1.25	8.8	57	Nm		M12	1.50	10.9	105	Nm
M10	1.50	8.8	44	Nm		M14	1.25	10.9	195	Nm
M12	1.25	8.8	101	Nm		M14	1.50	10.9	165	Nm
M12	1.50	8.8	97	Nm		M16	1.25	10.9	295	Nm
M12	1.75	8.8	77	Nm		M16	1.50	10.9	250	Nm
M14	2.00	8.8	122	Nm		50mm Tow Ball	N/A	N/A	300	Nm
M16	2.00	8.8	190	Nm		70mm Tow Ball	N/A	N/A	750	Nm

Installation Instructions



Step 1: Remove Rear Bumper

- a. Lift the tailgate.
- b. Remove the left and right hand covers from the inside of the boot.
- c. In the left-hand compartment, remove the safety triangle and its holder via 1x screw⊗ from the rear wall of the cavity.



- d. Locate and remove the M6 bolt fastening the forward end of the taillight. It is located toward the outer skin of the body and in line with the rearmost edge of the interior cover. ●10 Repeat on the opposite side.



- e. On the outside, remove the plastic grommet from the top of the taillight. Remove the cover. Repeat on the opposite side.



- f. Remove the 2x M6 nuts securing the taillight. ●10 Repeat on the opposite side.
- g. Remove the taillight rearwards and disconnect the harness. Repeat on the opposite side.



- h. Remove the bolt from the lower edge of the taillight cavity that has been exposed. ●8. Repeat on the opposite side.

Installation Instructions



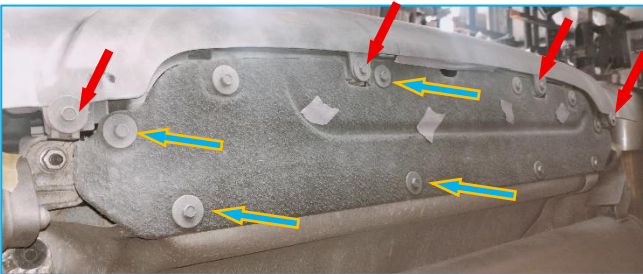
- i. Remove the reflector from the bumper. Use a plastic trim removal tool from the tailgate side to release. Disconnect any harnesses if present. Repeat on the opposite side.



- j. Remove the bolt from the reflector cavity. ●8 Repeat on the opposite side.



- k. Under the rear of the vehicle remove 8x screws from the bottom of the bumper. ●8 (Red Arrows (4x in the centre & 2x behind wheel arches))



- l. Remove 10x screws from the body to bumper interface panel. ●8 (Blue arrows (x5))

- m. At the wheel arch remove the plastic scrivenets. These will need to be cut. Repeat on the opposite side.



- n. Carefully release the wheel arch trim from the bumper and continue up toward the top of the wheel arch to expose 2x screws. Remove the screws. ●8 Repeat on the opposite side.



- o. Carefully peel the bumper away from the body and remove the bumper rearwards.

- p. Disconnect the bumper harness on the righthand side.

Installation Instructions



- q. Remove the kick sensor panel from the crash bar via 6x plastic scrivenets. Retain the scrivenets. **Disconnect the harnesses if they are present..**
- r. Remove the exhaust hanger from the crash bar via 1x M8 nut. Repeat on the opposite side.
- s. Remove the crash bar from the vehicle via 4x M12 nuts ● 18. Discard the crash bar. **Retain the nuts for refitting.**

Installation Instructions



Step 2: Fit Towbar

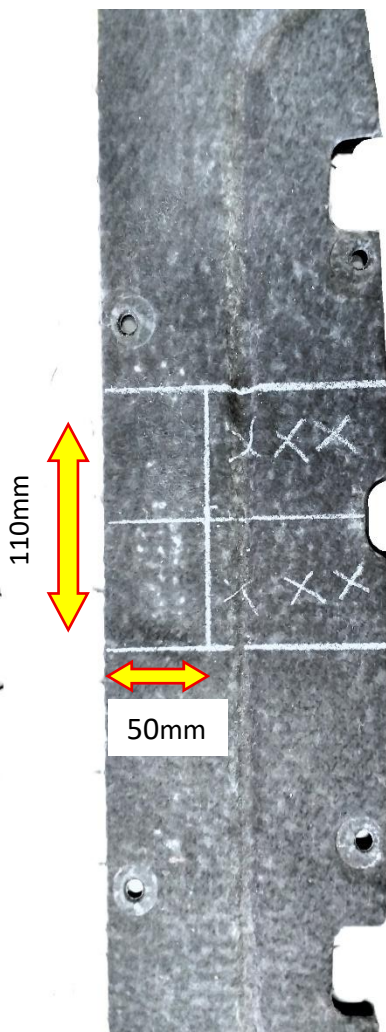
- Lift the bar up to the body and over the studs. Loosely secure to the top studs with the original M12 nuts. ●19
- Place the 40x32x6mm plate provided over the stud and loosely secure with the original M12 nuts. ●19**
- Insert the M8x 40 bolts with flat washers into the lower tabs of the towbar. Secure the exhaust hangers to the M8 bolts on using the original M8 nuts. ●13
- Tighten the M12 nuts according to the torque specification on page 3. □18
- Attach the inner & outer kick sensor plates to the towbar with the M6 fasteners provided. **Take note of the orientation of each plate in the drawing on page 2.** Tighten all bolts. ●10
- Attach the plastic kick sensor panel to the kick sensor plates with the original plastic scrivenets.



Step 3: 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 centre of the bumper interface panel. Overall measurement should be 774mm. Halfway point will be 387mm.
- Mark the cut-out 55mm on each side of the centre line.
- Mark another line 50mm in from the flat front edge. See the picture below.
- Cut the panel using an air hacksaw or other suitable cutting device.
- Refit bumper in reverse of steps 1a-l.

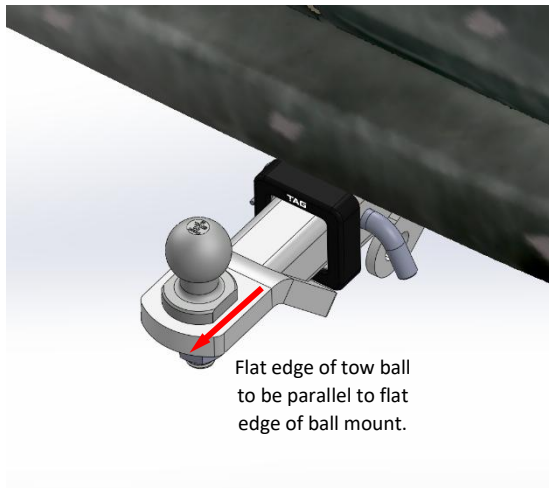


Installation Instructions



Step 4: Complete Towbar & Apply Spare Compliance Label

- a. Attach TAG Hitch cover with rubber mallet carefully to prevent breaking.
- b. Attach the tow ball to the ball mount. The flat side of the tow ball **MUST BE** parallel to the outer edge of the ball mount. **Tighten the tow ball to 300Nm.**
- c. Insert the Tow Ball Mount into the receiver and secure with the Pull pin and R-Clip. When not in use, secure the Ball Mount in a safe place inside your vehicle.
- d. Apply one of the compliance labels to the pillar of the driver's door. Place 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.