

Fitting Instructions



SKU

PRODUCT

T4M563

**TAG HEAVY DUTY TOWBAR
to suit Mazda CX-9
(12/2007 - 07/2016)**



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instructions

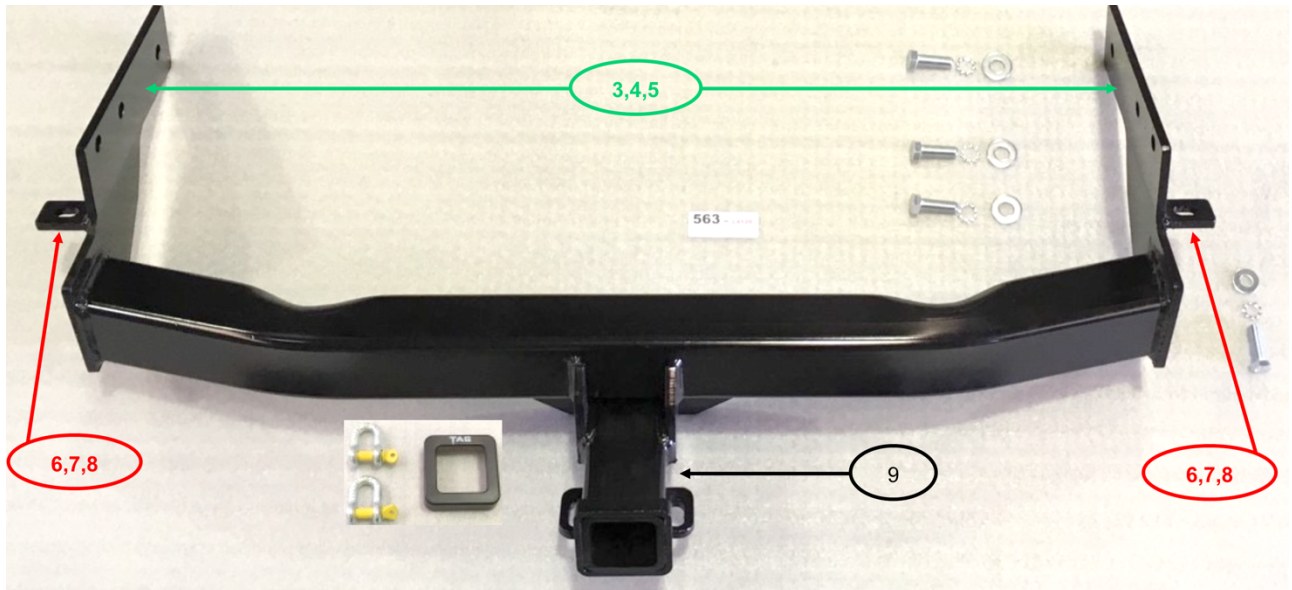
SPECIFICATIONS

- Towbar Class: Heavy Duty
- Towing Capacity: 2000kg

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- Fitment Instructions
- Torque Settings
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Towbar Fitting Instructions



<i><u>Item Number</u></i>	<i><u>Item</u></i>	<i><u>Quantity</u></i>
1	Towbar – T4M563	1
2	Ball Mount – L4120	1
3	M12 x 1.25 x 35 Bolt	6
4	M12 Shake proof washer	6
5	M12 Flat Washer	6
6	M10 x 1.25 x 35 Bolt	2
7	M10 Shake proof washer	2
8	M10 Flat washer	2
9	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**

Step 1. Remove shipping hooks

- a. Lift towbar up to chassis & align holes inside arms with captive threads on the inside of the chassis rails. Secure loosely with M12x 35 bolts & washers.
- b. Insert M10x 35 bolts with washers into chassis base plate.
- c. Tighten all bolts to the torque specification on page 2.
- d. Attach plastic hitch surround.
- e. Insert ball mount into receiver and secure with pull pin & clip.
- f. Raise the spare wheel
- g. Refit the exhaust to the rubber hangers.
- h. Refit the bumper bar tabs.

Step 2. Cut Bumper

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.

- a. Establish the centre line of the bumper and mark.
- b. Mark 45mm either side of centre & 80mm up from the bottom edge.
- c. Cut the bumper using an air saw or similar and deburr all cut edges.

Step 3. Fit Towbar

- a. Lift towbar up to chassis & align holes inside arms with captive threads on the inside of the chassis rails. Secure loosely with M12x 35 bolts & washers.
- b. Insert M10x 35 bolts with washers into chassis base plate.
- c. Tighten all bolts to the torque specification on back page.
- d. Attach plastic hitch surround.

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- e. Insert ball mount into receiver and secure with pull pin & clip.
- f. Raise the spare wheel
- g. Refit the exhaust to the rubber hangers.
- h. Refit the bumper bar tabs.

Step 4. 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