

Fitting Instructions



SKU

T4M470

PRODUCT

TAG Heavy Duty Towbar for Ford Courier (12/1992 - 12/2006), Ranger (11/2006 - 08/2011), Mazda B-SERIES BRAVO (04/1996 - 11/2006), BT-50 (10/2006 - 12/2011)

SPECIFICATIONS

- Towbar Class: CL 4 Heavy Duty
- Towing Capacity: 2500kg
- Tow ball Weight: 250kg
- Approx. Fitment Time: 30 Minutes



Scan for latest version of these instructions

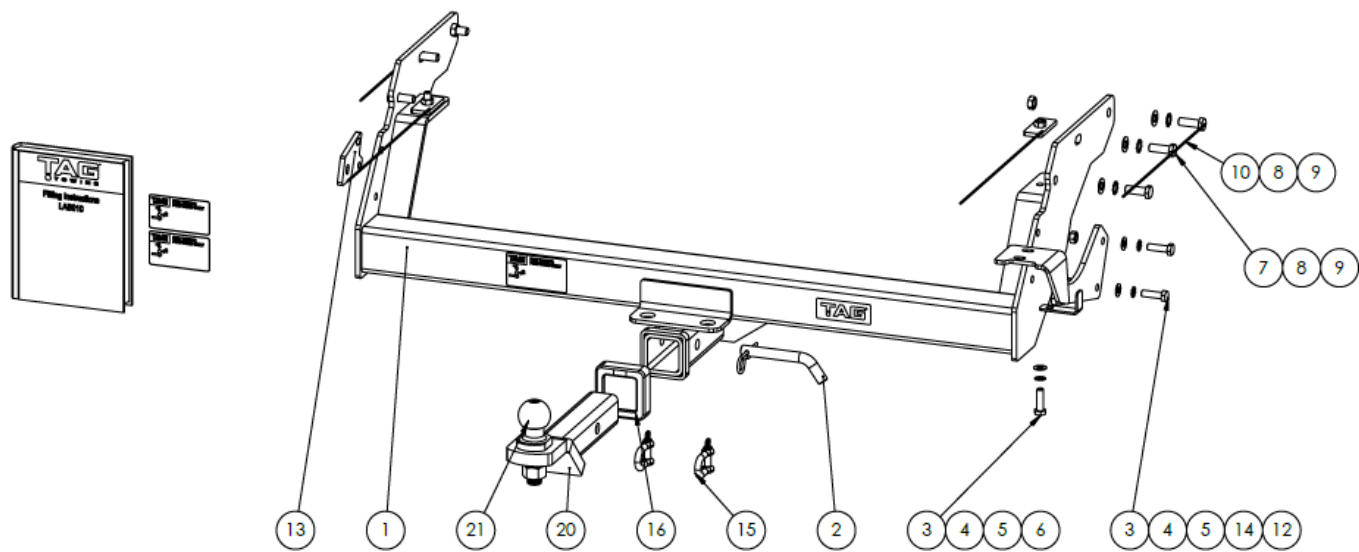
TOOLS REQUIRED

- Spanners
- Sockets
- Torque Wrench

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- Fitment Instructions
- Torque Settings
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Towbar Assembly



ITEM NO.	DESCRIPTION	QTY.	ITEM NO.	DESCRIPTION	QTY.
1	Towbar Assembly - T4M470	1	12	M10 1.5 Pitch Nut	2
2	Class 4 Pin & Clip	1	13	Step Mounting Plate	1
3	M10x1.5x35 Bolt	4	14	Rear Step Bracket Assembly	1
4	M10 Shakeproof Washer	4	15	TAG D-Shackle - 10mm, 1000kg	2
5	M10 Flat Washer	4	16	TAG Hitch Cover	1
6	150mm Wire and Top Plate	2	17	TAG Compliance Sticker	3
7	M12x1.5x35 Bolt	4	18	TAG STICKER - 100 X 40	1
8	M12 Shakeproof Washer	6	19	Fitting Instruction	1
9	M12 Flat Washer Zinc Clear	6	20	L4045 POWDER COATED TBM	1
10	360mm Wire on M12x1.5x35 Bolt	2	21	50mm TAG Tow Ball - Chrome	1
11	M12x1.5 Nut	2			

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, that 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, Following the fitment place these instructions in the vehicle's glovebox after installation is completed.

Metric Bolt Torque Settings

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. Ensure tailgate is in the closed position.
- b. Remove spare wheel
- c. Remove bumper from vehicle ensuring to disconnect any wiring first.
- d. Remove drivers side bracket from bumper and discard; retain 2 x 14mm nuts and plastic scrivet.

Step 2: Fit Towbar

- a. Install bracket supplied using items retained
- b. Passenger side bracket requires spacer plate installed only. [supplied]
- c. Guide tag on inside of bracket will have to be removed.
- d. Install towbar using 4 x M12bolts, 2 x M12 bolts on wire and 2 x M10 bolts/plates through bottom of chassis.
- e. On the passenger side two rear M12 bolts will need to be removed for installation of bumper.
- f. Install bumper using 2 x M10 bolts on drivers' side, 2 x M12 bolts on passenger side.
- g. Tighten all bolts to specified ratings.

Step 3: Complete Towbar & Apply Spare Compliance Label

- a. Attach TAG Hitch cover with rubber mallet carefully to prevent breaking.
- b. Attach Tow ball to Ball Mount and slide into receiver. Secure with Pull pin and Clip if you are going to tow straight away. Alternatively, secure the Ball Mount in a safe place inside your vehicle.
- c. 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.