

Fitting Instructions



SKU

T7Y869

PRODUCT

TAG Heavy Duty Towbar for Ssangyong Musso SWB (10/2018-on)

SPECIFICATIONS

- Towbar Class: CL 4 Heavy Duty
- Towing Capacity: 3500kg
- Tow ball Weight: 350kg
- Approx. Fitment Time: 30 Minutes



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instructions

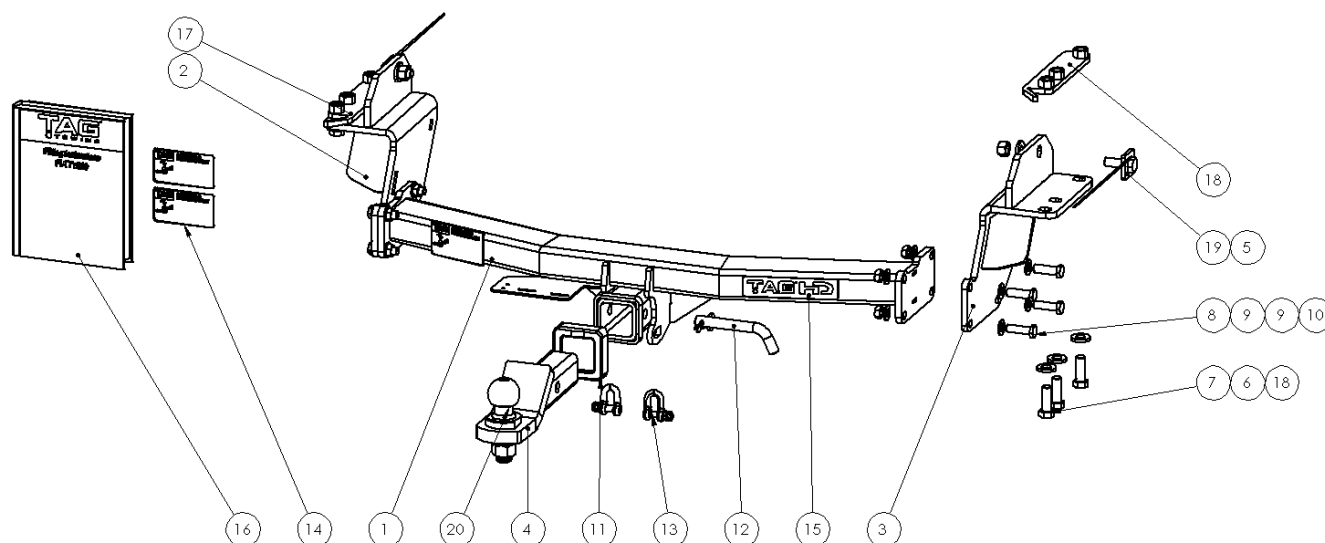
TOOLS REQUIRED

- Spanners
- Sockets
- Torque Wrench

IN THIS GUIDE

- Fitment Instructions
- Torque Settings
- Warranty Info

Towbar Assembly



Item No.	Description	QTY.	Item No.	Description	QTY.
1	Towbar Centre Assembly	1	11	TAG Hitch Cover	1
2	Endplate Assembly	1	12	Class 4 Pin & Clip	1
3	Endplate Assembly DS	1	13	D-Shackle - 10mm. 1000kg	2
4	L4045S TBM	1	14	TAG Compliance Sticker	3
5	M14 X 1.5 Nut	2	15	TAG HD Sticker 150 x 33mm	1
6	M14 Flat Washer	8	16	Fitting Instruction	1
7	M14 x 1.5 x 40 Set Screw	6	17	Chassis Nut Plate	1
8	M12 x 1.25 x 40 Bolt	8	18	Chassis Nut Plate DS	1
9	M12 Flat Washer	16	19	M14x1.5x40 Bolt & Top Plate Welded on Wire	2
10	M12 x 1.25 Nut	8	20	50mm TAG Tow Ball with Flat edge - Chrome (TAG Printed Box)	1

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

Step 1: Fit Towbar

- a. Remove wiring harness from the underside inside faces of the passenger side chassis rail.
- b. Insert the nut plate into the chassis and align with the holes in the bottom face.
- c. Insert the welded bolt & plate on wire into the chassis and out through the hole on the inside of the chassis.
- d. Lift the endplate assembly up to the chassis and loosely fasten to the side chassis bolt with M14 nut & flat washer.
- e. Loosely fasten the bottom of the endplate to the chassis with 3x M14x 1.5x40 bolts with flat washers.
- f. Repeat steps (b-e) on the driver's side. **Note: Flex the exhaust tip outward to aid the insertion of the 3 x M14 bolts on the underside of the chassis.**
- g. Lift the Main bar assembly up to the endplates and loosely fasten with 8 x M12 x 1.25 x40 bolts with flat washers & nuts.
- h. Beginning at the chassis, tighten all bolts according to the torque specification on Page 3.



Installation Instructions



Step 2: 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.