Fitting Instructions

SKU

T7Y803

PRODUCT

TAG Heavy Duty Towbar for Ssangyong Musso LWB (03/2019-on)

SPECIFICATIONS

- Towbar Class: CL 4 Heavy Duty
- Towing Capacity: 3500kg
- Tow ball Weight: 350kg
- Approximate Fitment Time: 1 Hour





Scan for latest version of instructions

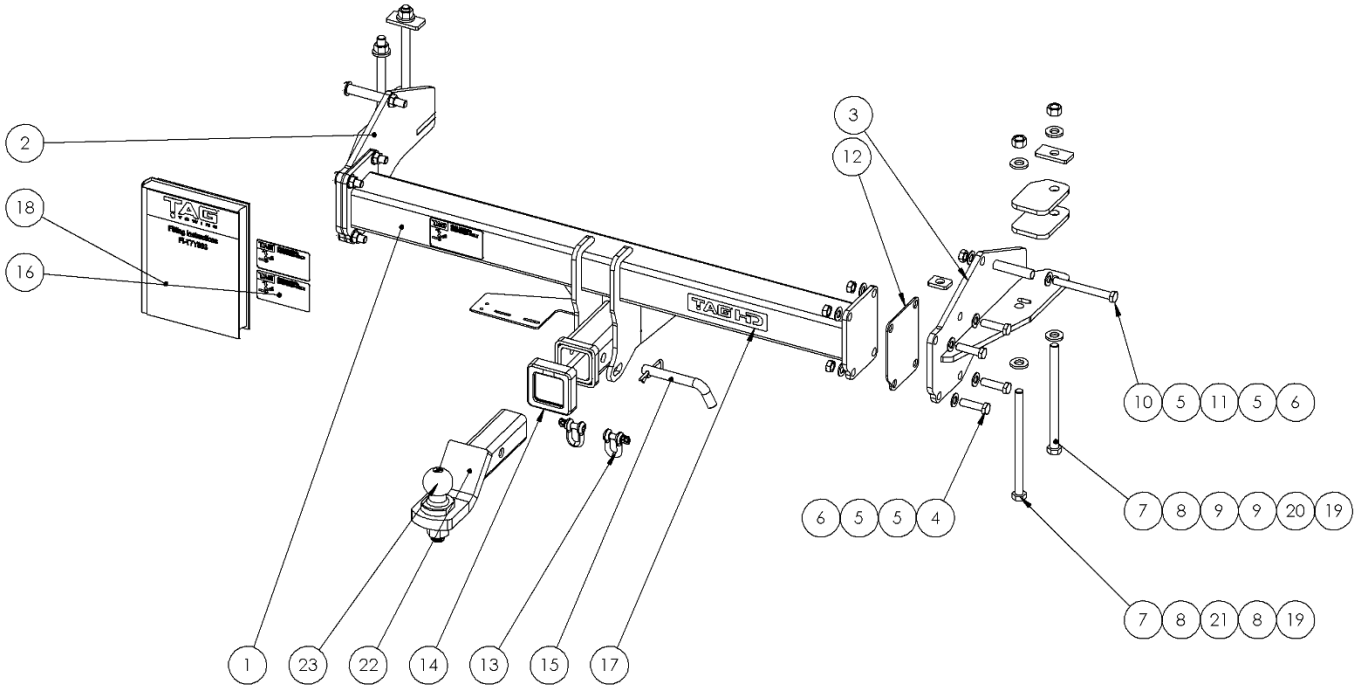
TOOLS REQUIRED

- 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	Welded Assembly for T7Y803	1	13	D-Shackle - 10mm. 1000kg	2
2	End Plate Assembly	1	14	TAG Hitch Cover	1
3	End Plate Assembly DS	1	15	Class 4 Pin & Clip	1
4	M12 x 1.25 x 45 Bolt	8	16	TAG Compliance Sticker	3
5	M12 Flat Washer	20	17	TAG HD Sticker 150 x 33mm	1
6	M12 x 1.25 Nut	10	18	T7Y803 Fitting Instructions	1
7	M14 x 2.0 x 200 Bolt	4	19	M14 x 2.0 Nut	4
8	M14 Flat Washer	8	20	60x30x6 Single Hole 15mm Top Plate	2
9	Chassis Spacer	4	21	35x25x6 Single Hole 15mm Top Plate	2
10	M12 x 1.25 x 110 Bolt	2	22	L4045S Ball Mount	1
11	Chassis Crush Tube	2	23	50mm TAG Tow Ball - Chrome	1
12	End Cap Spacer	2			

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, then please ask your towbar supplier
- To ensure the towbar Is safe and secure it is the owners' responsibility that each fastener is torqued **every 1000km**. For any reason that the fasteners are not suitable for re-torquing it is the owners' responsibility to replace all fasteners on the towbar ensuring each fastener is of the same grade (8.8) and class as the originals. 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.

Metric Bolt Torque Settings										
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

Installation Instructions

Step 1: Fit Towbar

a. Lower the spare wheel.

b. Remove the exhaust from the rear most rubber hanger.

c. Insert the M12 x 110 bolt with flat washer into the rear most horizontal hole of the chassis. Insert the tube spacer onto the bolt and align the bolt with the inner face of the chassis.

d. Lift the end plate up to the inside of each chassis rail and push M12x 110 bolt through. Loosely fasten with a M12 nut & flat washer.

e. At the forward-most hole insert 2x 8mm chassis packers between the end plate and the bottom of chassis. Insert a M14 bolt with flat washer from below and loosely fasten with M14 nut & 30x60x6mm top plate at the top of chassis.

f. At the rearmost hole insert a M14 x 200 bolt with flat washer from below. Add a 35 x 25 x 6mm top plate between the top face of the endplate and the bottom of the chassis crush tube. Loosely fasten on top of the chassis with flat washer & nut.

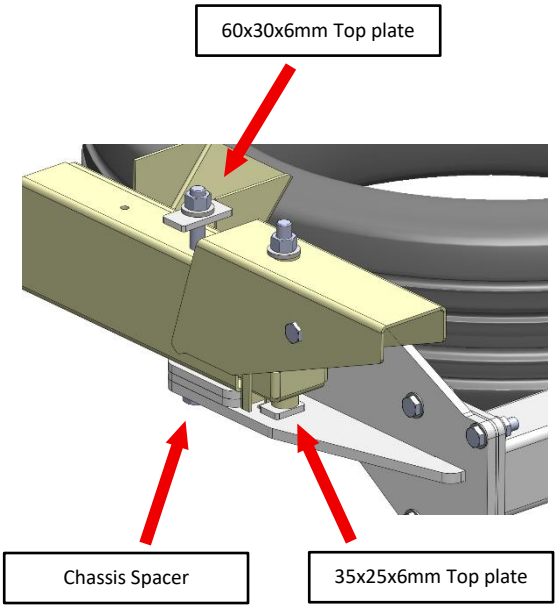
g. Repeat steps c-f on opposite side.

h. Lift the main bar up to the inside of each end plate assembly and insert M12x 40 bolts with flat washers. Fasten loosely with M12 nuts & flat washers.

i. Beginning at the chassis, tighten all bolts according to the torque specification on page 3.

j. Refit exhaust onto hanger.

k. Raise the spare wheel.



Step2: Apply Door Sticker

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 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.