



INSTALLATION INSTRUCTIONS

**MAX T BULL BAR FOR 2010-2017 Jeep Wrangler 2 Door & 4 Door (excl.
Winter Edition)**

PART # MBT-MJ103

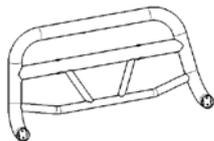
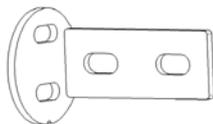
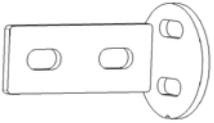
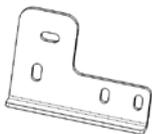
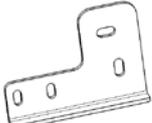
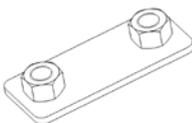
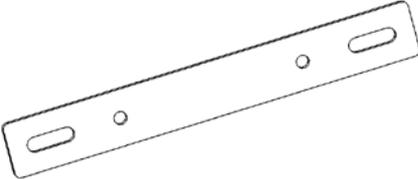
Before Installation

- Please read the instruction completely for easy installation, which will also help you to avoid scratches or other potential damages to your appealing car.
- The figures here are for reference only and may have differences with the actual product you received, however they share the same assembly way.

Care and Cleaning

- Mild soap may be used also to clean the Product.
- Please periodically check and retighten all the hardware and clean the investment for a refresh look.

Parts list

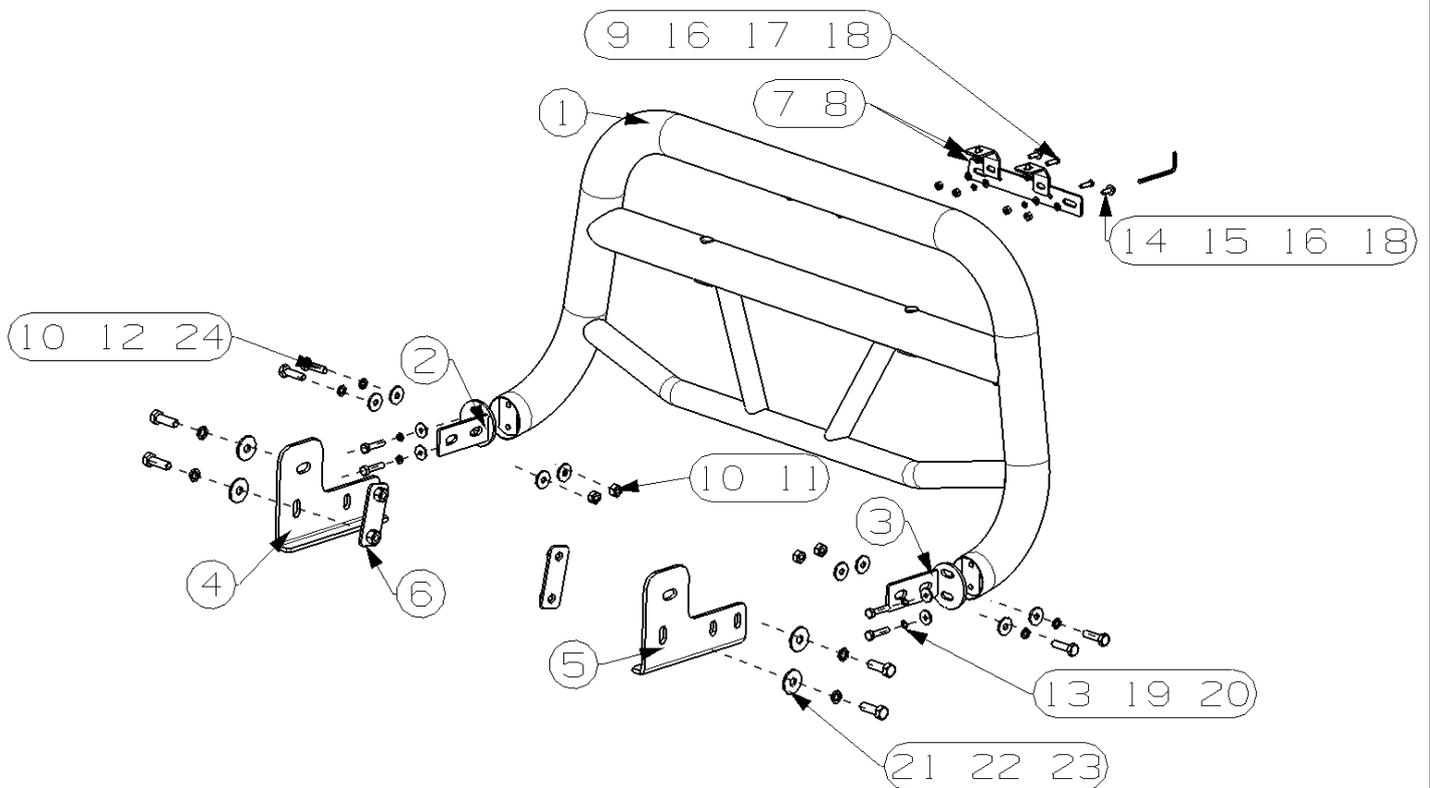
NO.	QTY	NAME	NO.	QTY	NAME
①	1	 Bull bar	②	1	 Guard tube bracket (L)
③	1	 Guard tube bracket (R)	④	1	 Mounting bracket (L)
⑤	1	 Mounting bracket (R)	⑥	2	 12mm Double nut plate
⑦	2	 License plate bracket 1	⑧	1	 License plate bracket 2
Standard parts list:					
⑨	4	Lock washer D6	⑩	8	Flat washer D10
⑪	4	Hex nut M10	⑫	4	Hex bolt M10_35
⑬	4	Hex bolt M8_35	⑭	4	Assembly bolt M6_20

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⑮	1	Allen wrench S=4	⑯	4	Flat washer D6
⑰	2	Hex button head bolt M6_20	⑱	4	Hex nut M6
⑲	4	Flat washer D8	⑳	4	Lock washer D8
㉑	4	Flat washer D12	㉒	4	Hex bolt M12_35
㉓	4	Lock washer D12	㉔	4	Lock washer D10

Installation Steps

Installation Figure:



STEP 1:

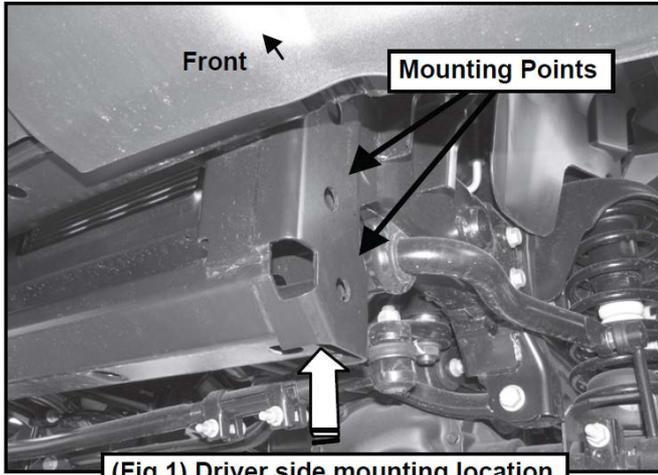
Remove contents from box. Verify all parts are present. Read instructions carefully. Cutting is required. Assistance is recommended.

STEP 2:

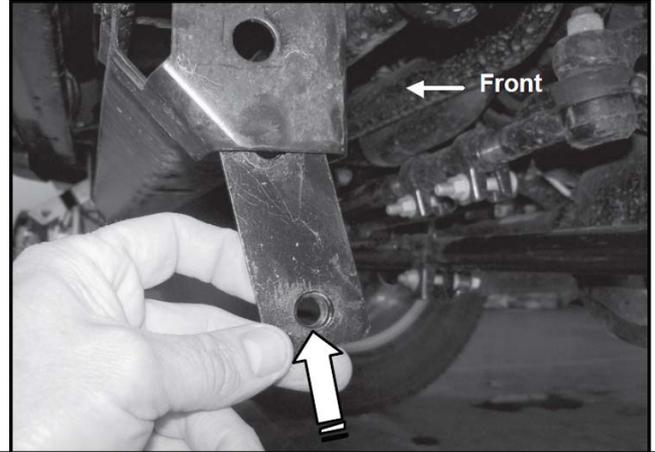
Remove the plastic splash guard from under the front bumper and place it on a clean work surface.

STEP 3:

Starting on the driver side, (Fig 1), insert (1) 12mm Double Nut Plate, in through the bottom opening in the end of the frame cross-member, (Fig 2). Line up the lower hole in the Nut Plate with the lower hole in the frame.



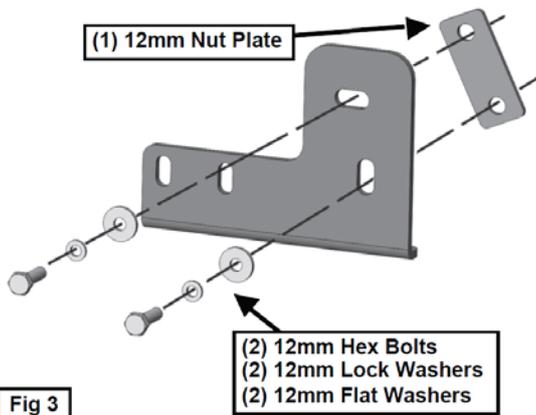
(Fig 1) Driver side mounting location with plastic splash guard removed



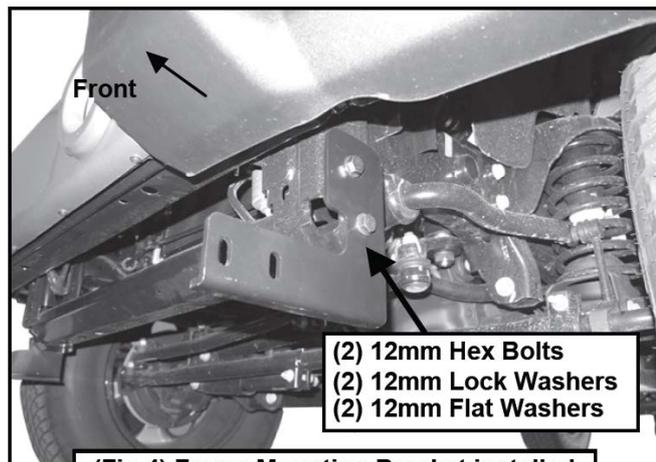
(Fig 2) Insert the 12mm Double Nut Plate into the opening in the bottom of the end of the cross-member

STEP 4:

Select the driver side Mounting Bracket. Attach the Bracket to the (1) 12mm Double Nut Plate with (2) 12mm Hex Bolts, (2) 12mm Lock Washers and (2) 12mm Flat Washers, (Figs 3-4). Snug but do not tighten hardware. Repeat Steps 1-2 for passenger side Mounting Bracket installation.



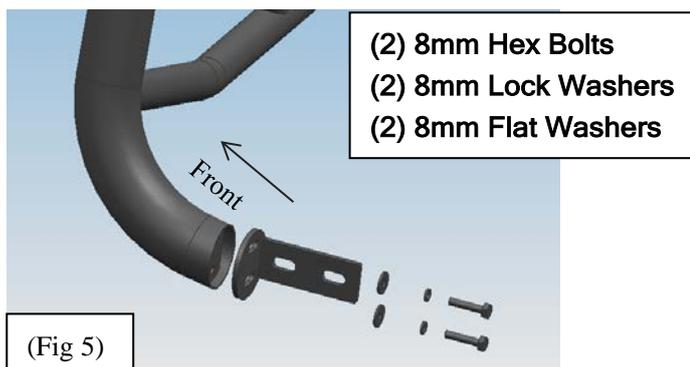
(Fig 3)



(Fig 4) Frame Mounting Bracket installed

STEP 5:

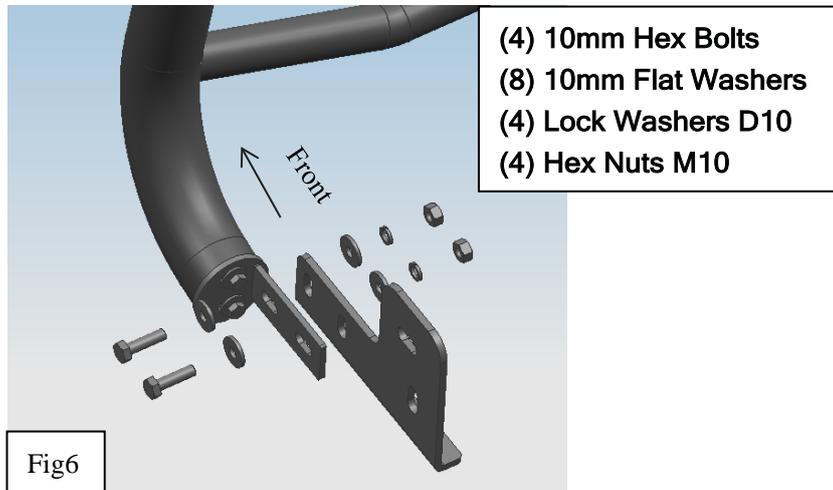
Place the bull bar on a clean, stable work surface. Select the driver side Guard Tube Bracket. Bolt the Bracket to the end of the bull bar with (2) 8mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers, (Fig 5). Snug but do not tighten hardware at this time. Repeat this Step for passenger side bracket.



(Fig 5)

STEP 6:

With assistance, hold the bull bar with Brackets up in position on the inside of the Frame Mounting Brackets. Attach the bull bar to the Brackets with (4) 10mm Hex Bolts, (8) 10mm Flat Washers and (4) 10mm Hex Nuts, (Figs 6). Snug but do not tighten hardware at this time.



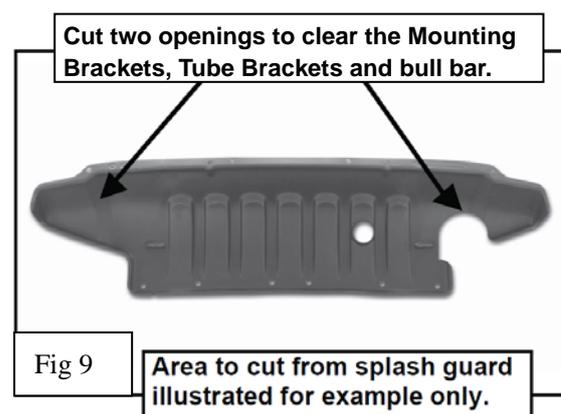
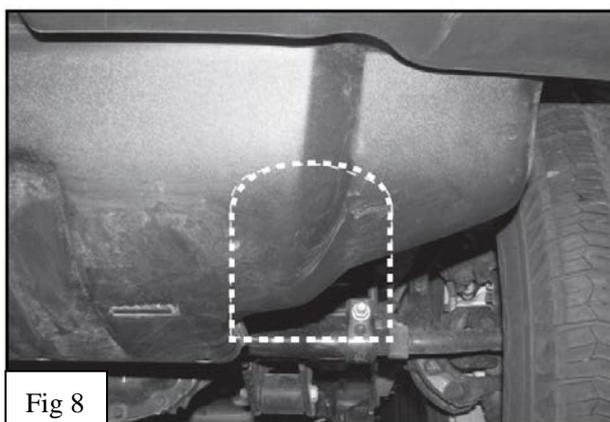
STEP 7:

Align the bull bar properly and fully tighten the bracket hardware securing the brackets to the frame only. Temporarily remove the bull bar.

STEP 8:

Position the splash guard back up to the vehicle and attach with the factory hardware. Trace the location of the Mounting Brackets onto the splash guard, (Fig 7).

NOTE: Remove only material necessary to clear the bull bar and brackets. Make small cuts and check the fit often before final installation, (Fig 8). Reinstall the splash guard with factory hardware.



STEP 9:

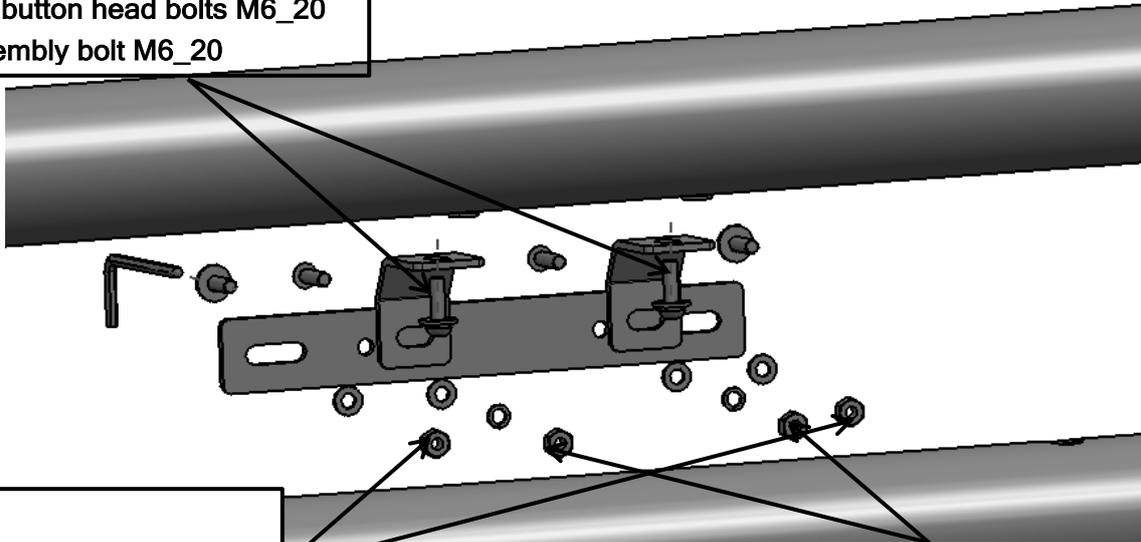
INSTALL LICENSE PLATE BRACKET:

- a. Attach license plate bracket 1 to bull bar with (2) Hex button head bolts M6_20 and (2) Assembly bolts M6_20.
- b. Attach license plate bracket 1 to license plate bracket 2 with (2) Hex button head bolts M6_20, (2)

Lock washers D6, (2) Flat washers D6 and (2) Hex nuts M6.

c. Install license plate to license plate bracket 2 with (2) Assembly bolts M6_20, (2) Flat washers D6 and (2) Hex nuts M6.

Step A
(2) Hex button head bolts M6_20
(2) Assembly bolt M6_20



Step C
(2) Assembly bolts M6_20
(2) Flat washers D6
(2) Hex nuts M6

Step B
(2) Hex button head bolts M6_20
(2) Lock washers D6
(2) Flat washers D6
(2) Hex nuts M6

STEP 10:

Check the bull bar alignment with the vehicle and for clearance between the bull bar and the bumper. If bull bar is too close to or touching bumper, remove the bull bar and reinstall the Brackets in the “forward” position away from the bumper. Adjust as required then fully tighten all hardware at this time.

STEP 11:

Do periodic inspections of the installation to make sure that all hardware is secure and tight.



NOTE:

Any damages and losses caused by improper installation and application, goes beyond our quality warranty.