



INSTALLATION INSTRUCTIONS

**MAX T BULL BAR FOR 2017-2020 Ford F250/F350/F450/F550 SUPER
DUTY**

PART # MBT-MF103

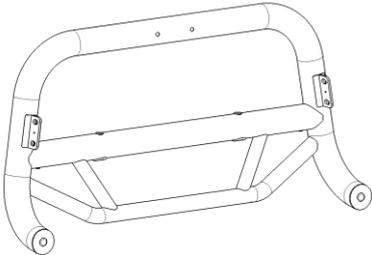
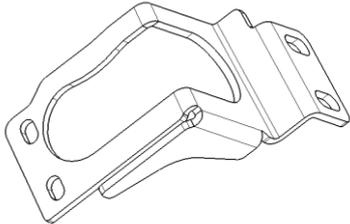
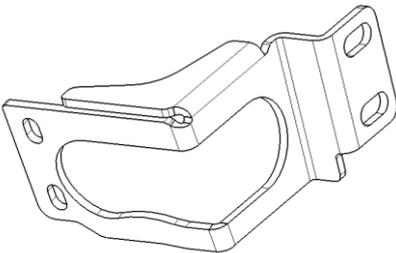
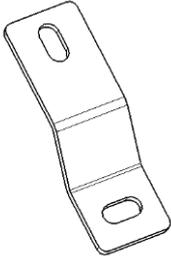
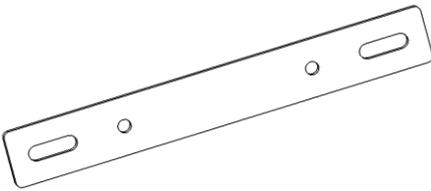
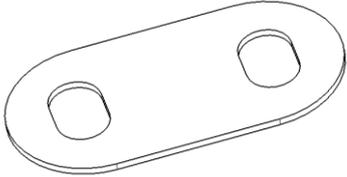
Before Installation

- 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.

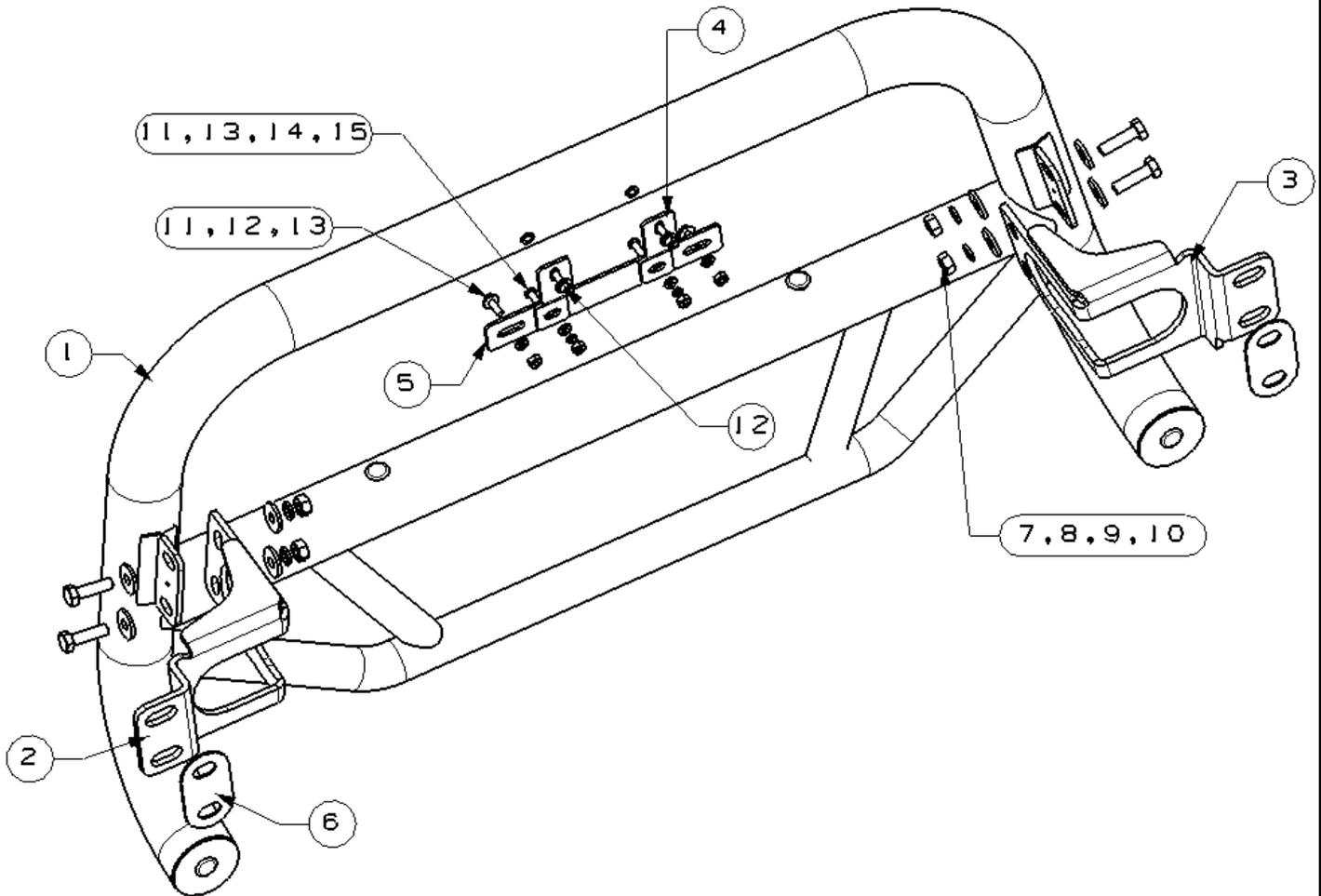
Parts list

NO.	QTY	NAME	NO.	QTY	NAME
①	1	 Bull Bar	②	1	 Frame Bracket L
③	1	 Frame Bracket R	④	2	 License Plate Bracket 1
⑤	1	 License Plate Bracket 2	⑥	2	 Spacer Plate
STANDARD PARTS LIST:					
⑦	8	Flat Washer D10_27_3	⑧	4	Hex Bolt M10_35
⑨	4	Hex Nut M10	⑩	4	Spring Washer D10

⑪	4	Hex Nut M6	⑫	4	Assembly Bolt M6_20
⑬	4	Flat Washer D6 (6x12x1.6mm)	⑭	2	Hex Button Head Bolt M6_20
⑮	2	Spring Washer D6	⑯	1	Allen Wrench S=4

Installation Steps

Installation Figure:



STEP 1:

Start installation at the driver/left side, front of the vehicle. Remove the plastic cover, (if equipped), covering the bumper bolts on both sides of the tow hook, (Fig 1). Remove the (2) outer bumper bolts, (Figs 2-3).

IMPORTANT: Do not remove the inner bumper bolts or the bumper may fall. Only remove the outer bumper bolts.

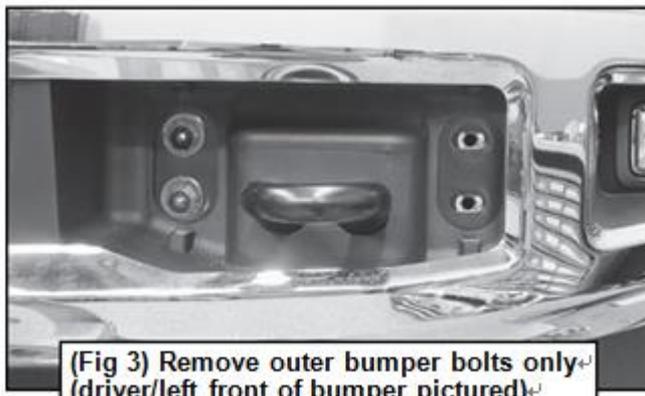
NOTE: Cover cannot be reinstalled.



(Fig 1) Remove cover over bumper bolts



Fig 2



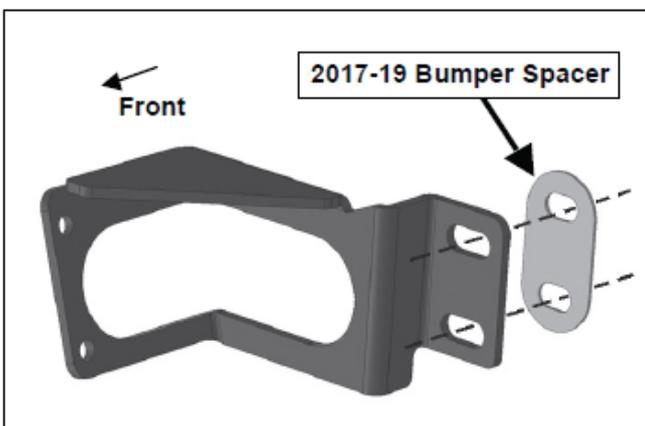
(Fig 3) Remove outer bumper bolts only (driver/left front of bumper pictured)

STEP 2:

Select the driver side Mounting Bracket. Determine procedure for your model year.

2017-19 models only:

- a. Select (1) Spacer Plate, (Fig 4). Place the Spacer over the holes for the bumper bolts, between the bumper and the Bracket.
- b. Reuse the factory bumper bolts to attach the Frame Bracket to the Spacer and bumper, (Fig 5).



(Fig 4) On 2017-19 models only, attach driver/left Bracket to Spacer and bumper. Do not install Bracket without Spacer on 2017-19 model years

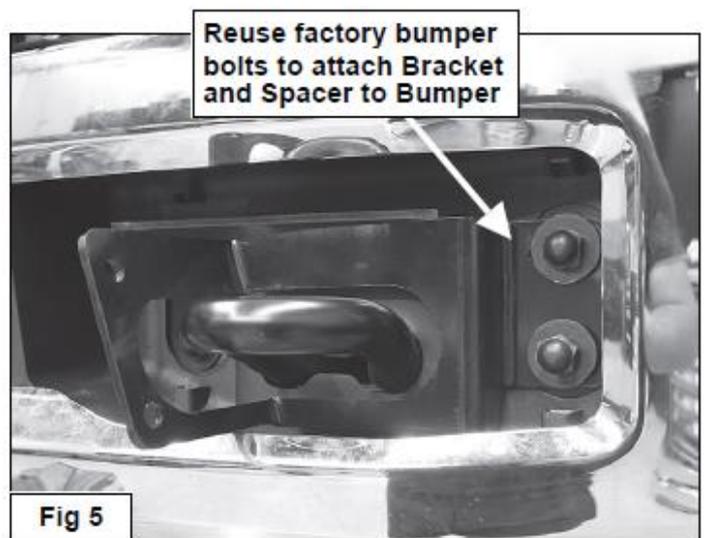


Fig 5

2020 models only:

Reuse the factory bumper bolts to attach the Mounting Bracket to the bumper, note no Spacers are required.

STEP 3:

Make sure there is clearance between the top and bottom of the Bracket and the opening in the bumper. Do not tighten hardware at this time.

STEP 4:

Repeat Steps 1-3 for passenger side Mounting Bracket and Spacer installation.

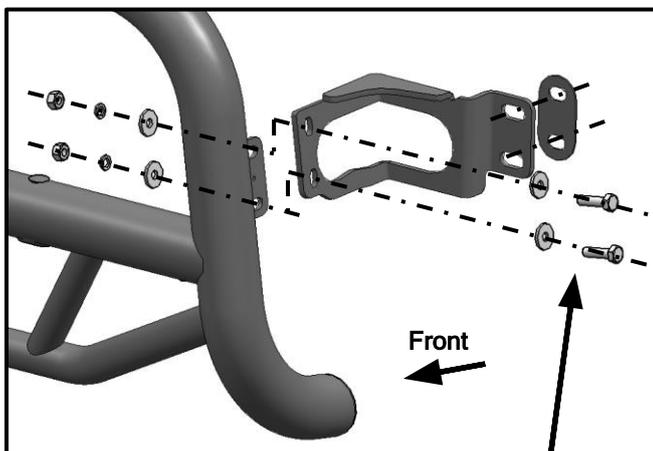
STEP 5:

With assistance, position the Guard onto the outside of the (2) Mounting Brackets.

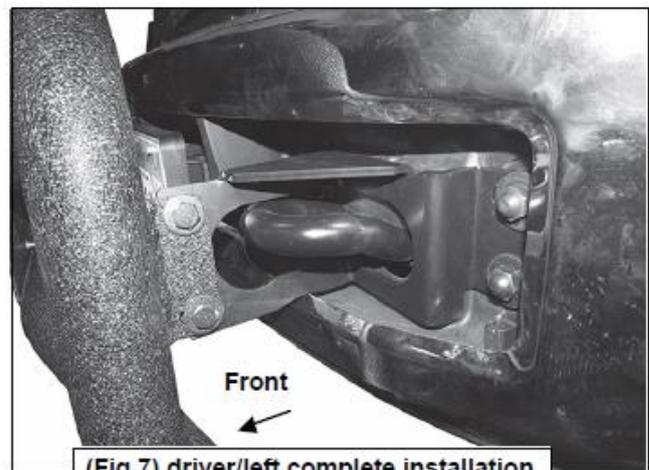
NOTE: Move the Mounting Brackets in or out to line up with the mounting tabs on the Guard.

STEP 6:

Attach the Guard to the outside of the Mounting Brackets using the included (4) 10mm x 35mm Hex Bolts, (8) 10mm Flat Washers, (4) 10mm Spring Washers and (4) 10mm Hex Nuts, (Figs 6-7). Snug but do not tighten.



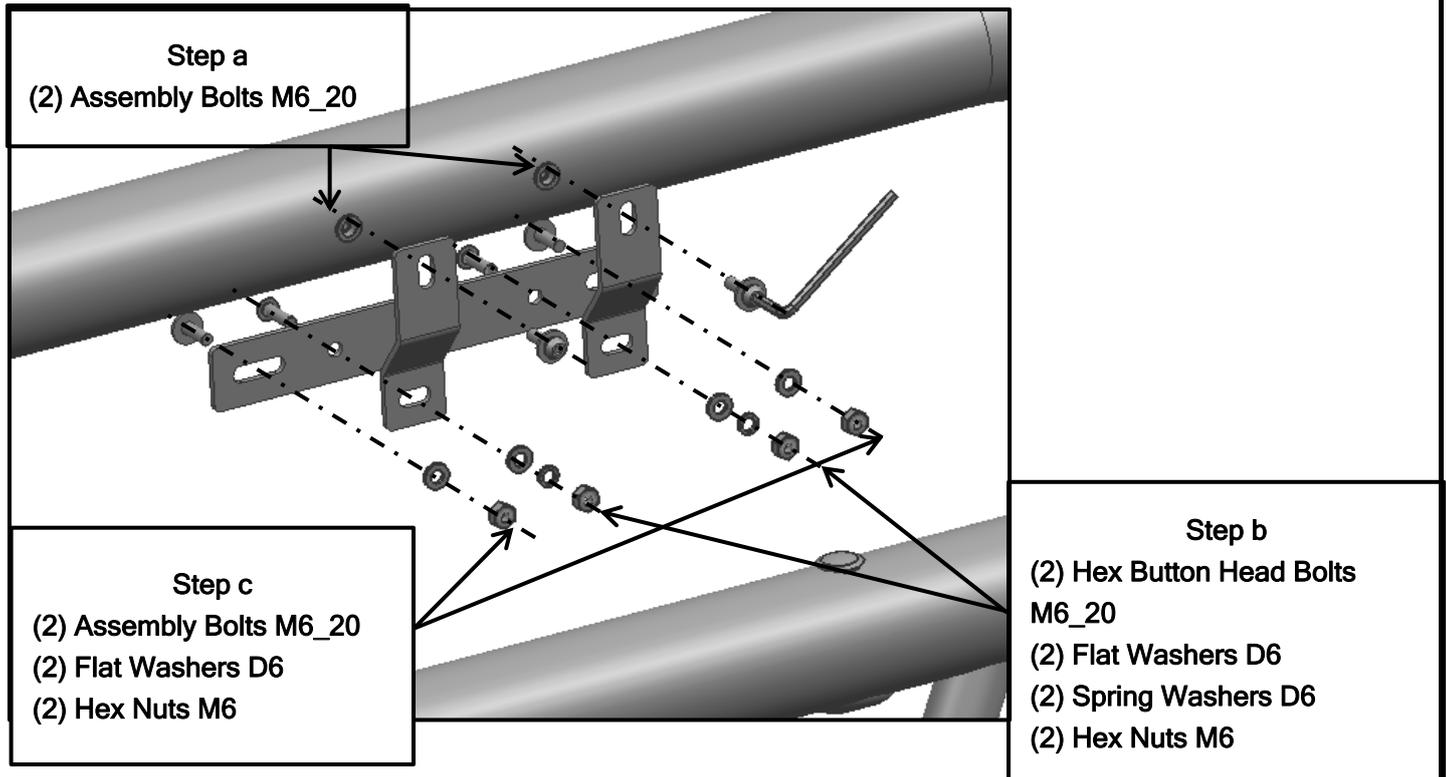
- (2) 10mm Hex Bolts
- (4) 10mm Flat Washers
- (2) 10mm Spring Washers
- (2) 10mm Hex Nuts



STEP 7:

Install License Plate Bracket.

- a. Connect License Plate Bracket 1 on bull bar with (2) Assembly Bolts M6_20.
- b. Connect License Plate Bracket 1 and License Plate Bracket 2 with (2) Hex Button Head Bolts M6_20, (2) Flat Washers D6, (2) Spring Washers D6, (2) Hex Nuts M6.
- c. Install license plate to License Plate Bracket 2 with (2) Assembly Bolts M6_20, (2) Flat Washers D6, (2) Hex nuts M6.

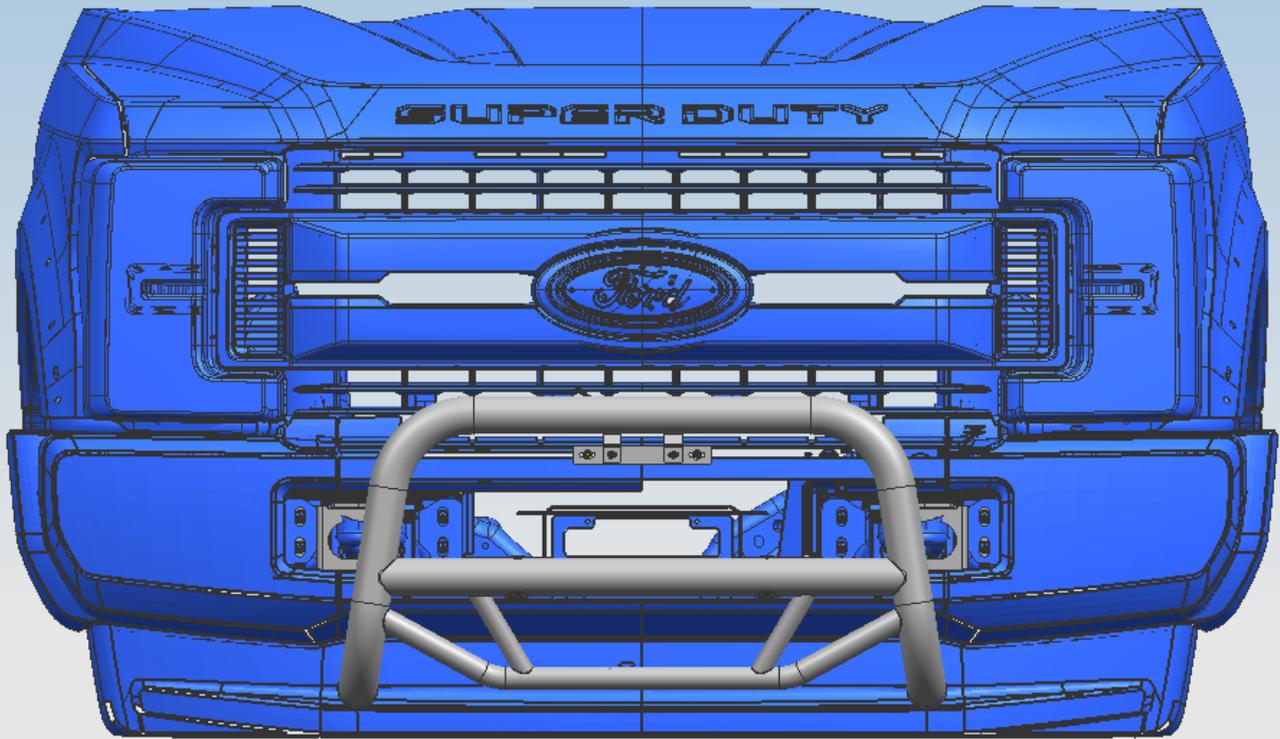


STEP 8:

Center the Guard on the vehicle, level and adjust as desired and tighten all hardware at this time.

STEP 9:

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



Complete Installation

NOTE

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