



# **INSTALLATION INSTRUCTIONS**

**MAX T BULL BAR FOR 2019-2020 CHEVY SILVERADO 1500**

**PART # MBT-MG403**

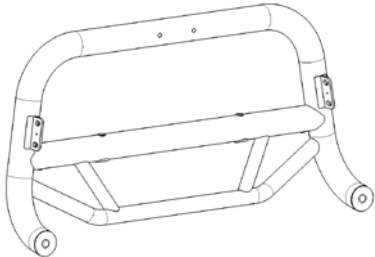
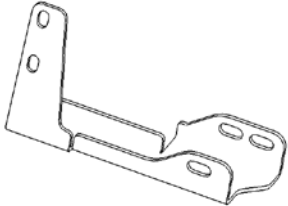
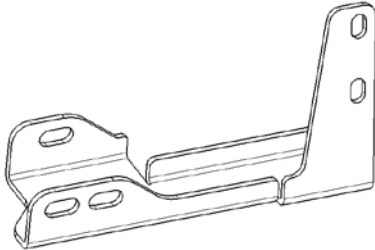
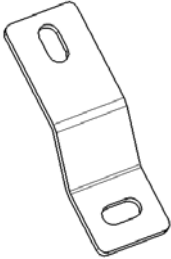
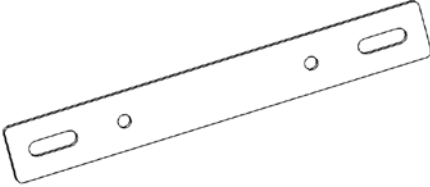
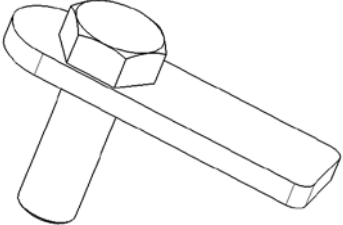
## Before Installation

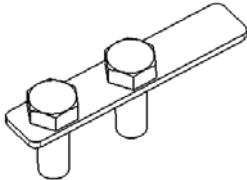
- Please read the instruction completely for easy installation, which will also help you to avoid scratches or other potential damages to your appealing car.
- The figures here are for reference only and may have differences with the actual product you received, however they share the same assembly way.

## 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.

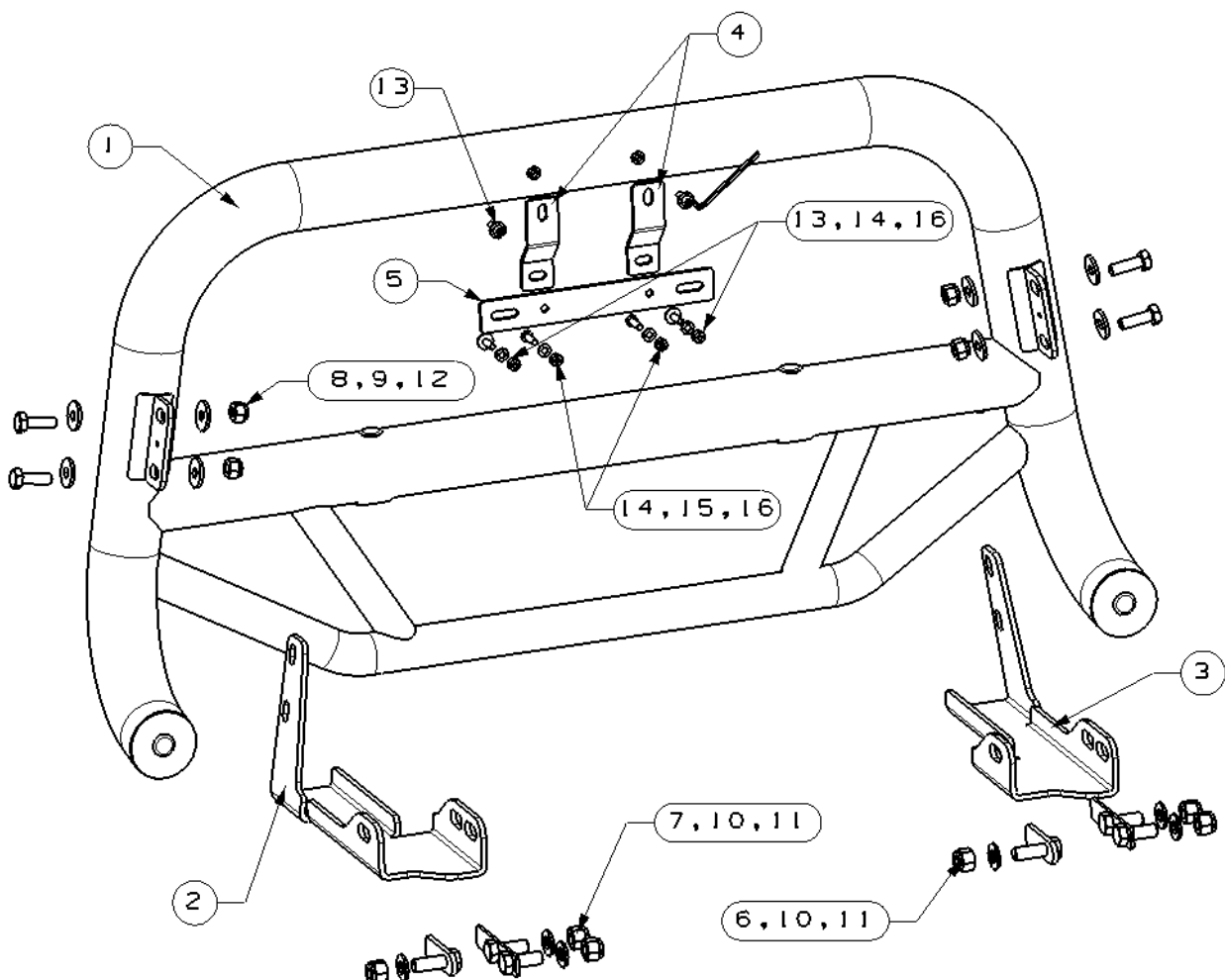
## Parts list

| NO. | QTY | NAME                                                                                                           | NO. | QTY | NAME                                                                                                             |
|-----|-----|----------------------------------------------------------------------------------------------------------------|-----|-----|------------------------------------------------------------------------------------------------------------------|
| ①   | 1   | <br>Bull Bar                 | ②   | 1   | <br>Bracket L                |
| ③   | 1   | <br>Bracket R               | ④   | 2   | <br>License Plate Bracket 1 |
| ⑤   | 1   | <br>License Plate Bracket 2 | ⑥   | 2   | <br>T Bolt M12_30           |

|                      |   |                                                                                   |   |   |                                  |
|----------------------|---|-----------------------------------------------------------------------------------|---|---|----------------------------------|
| ⑦                    | 2 |  |   |   |                                  |
| T Shaped Bolt M12_27 |   |                                                                                   |   |   |                                  |
| STANDARD PARTS LIST: |   |                                                                                   |   |   |                                  |
| ⑧                    | 8 | Flat Washer D10_27_3                                                              | ⑨ | 4 | Hex Bolt M10_30                  |
| ⑩                    | 6 | Nylon Lock Nut M12                                                                | ⑪ | 6 | Flat Washer D12<br>(12x24x2.5mm) |
| ⑫                    | 4 | Nylon Lock Nut M10                                                                | ⑬ | 4 | Assembly Bolt M6_20              |
| ⑭                    | 4 | Flat Washer D6 (6x12x1.6mm)                                                       | ⑮ | 2 | Hex Button Head Bolt M6_20       |
| ⑯                    | 4 | Hex Nut M6                                                                        | ⑰ | 1 | Allen Wrench S=4                 |

## Installation Steps

### Installation Figure:



**STEP 1:**

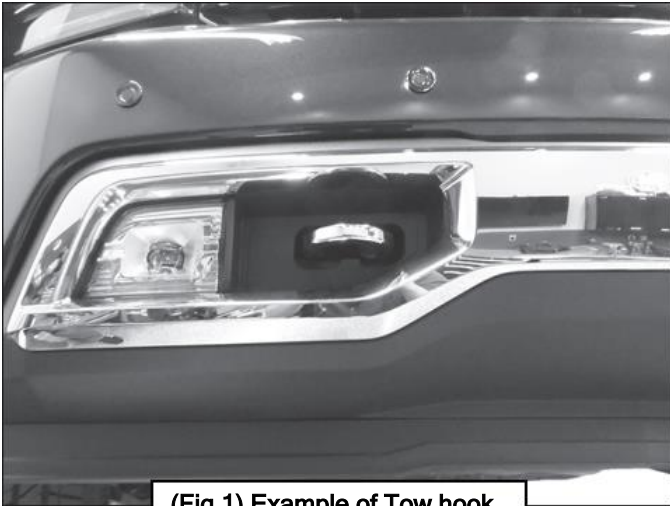
Start installation from under the front of the vehicle. Determine if the vehicle is equipped with tow hooks.

**IMPORTANT:** Tow hooks cannot be reinstalled with the Guard.

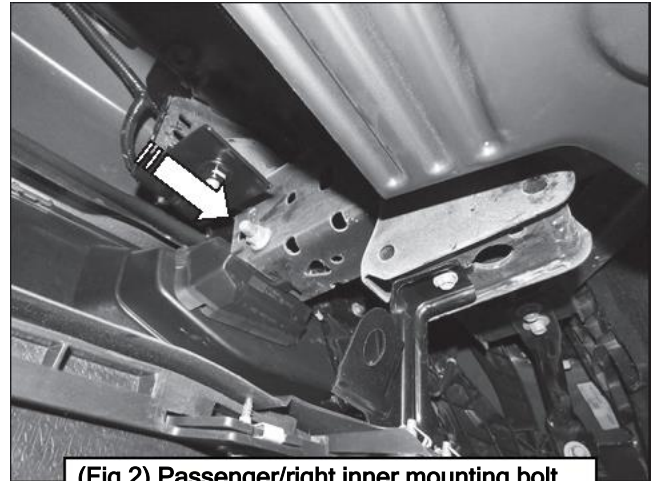
**Tow Hook equipped vehicles:**

*For diesel models with tow hooks, jump to Step 2.*

- a. Remove the factory tow hook from the end of each frame channel, (Figs 1-3).
- b. Test fit Frame Mounting Brackets through tow hook openings. Trim around openings as required for Bracket clearance.
- c. Proceed to Step 3.



(Fig 1) Example of Tow hook



(Fig 2) Passenger/right inner mounting bolt for tow hook pictured from behind bumper



(Fig 3) Passenger/right outer mounting bolts for tow hook pictured from behind bumper

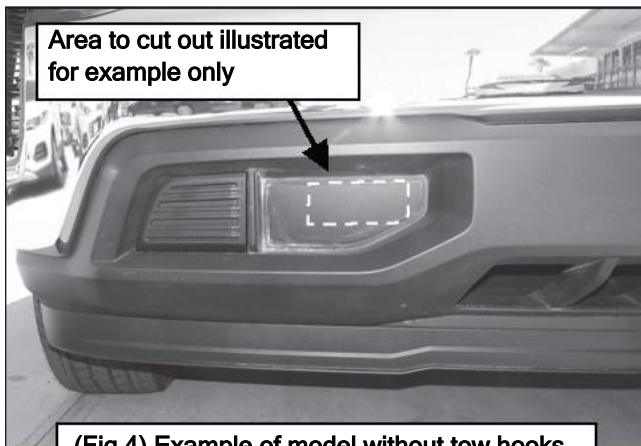
**Vehicles without tow hooks:**

a. Cut out the indented area in both sides of the plastic bumper insert to clear the Brackets as pictured, (Fig 4).

**IMPORTANT:** Make several small cuts for best fit.

b. Insert the Mounting Brackets through the openings in the bumper to check for clearance. Trim the plastic as required to clear the Brackets.

c. Proceed to Step 3.

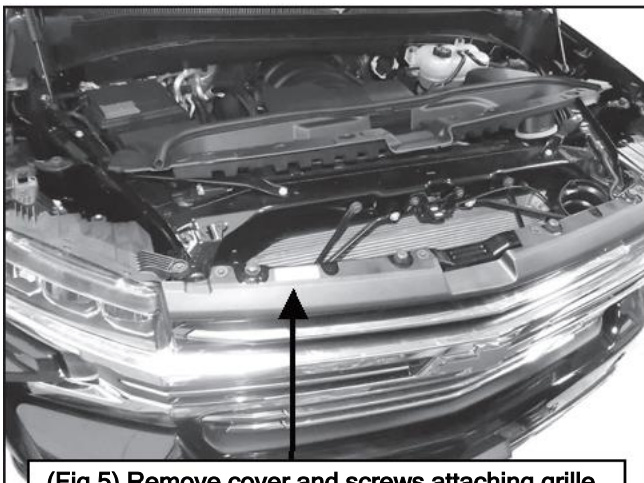


(Fig 4) Example of model without tow hooks

**STEP 2:**

For diesel models with tow hooks, it will be necessary to remove the bumper:

a. Remove the bolts located on the top of the grille, (Fig 5).



(Fig 5) Remove cover and screws attaching grille

b. Firmly pull to remove the grille, (Fig 6).



(Fig 6) Firmly pull grille straight out from vehicle

c. Remove the bolts on the edges of the bumper, (Fig 7).

d. Place blocks or jack stands under the front bumper to support it during mounting bolt removal.

**WARNING!** Assistance is required to hold the bumper in place during bolt removal to prevent the bumper from falling.



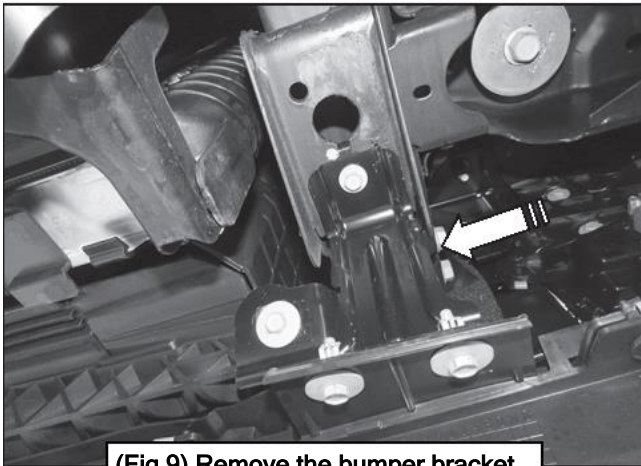
(Fig 7) Remove outer bumper supports (arrow)

e. Pull back the rubber from the top of the bumper to reveal the top bolts attaching the bumper to the frame, (Fig 8). Remove the bolts to remove the bumper.



(Fig 8) Pull back cover to locate top bumper bolts

f. Remove the bolts connecting the bottom of the bumper to the lower bumper bracket. Unplug the wiring harness. Remove the lower bolts connecting the shutter to the frame, (Fig 9).

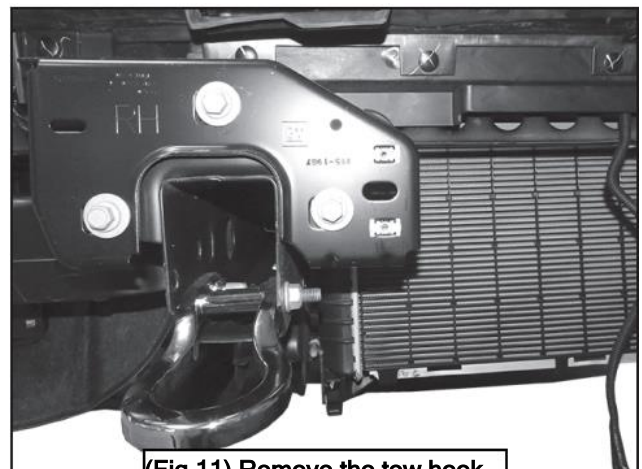


(Fig 9) Remove the bumper bracket

g. Remove the top bolts on the shutter, (Figs 10-11).



(Fig 10) Remove the bolts on the side of the shutters



(Fig 11) Remove the tow hook

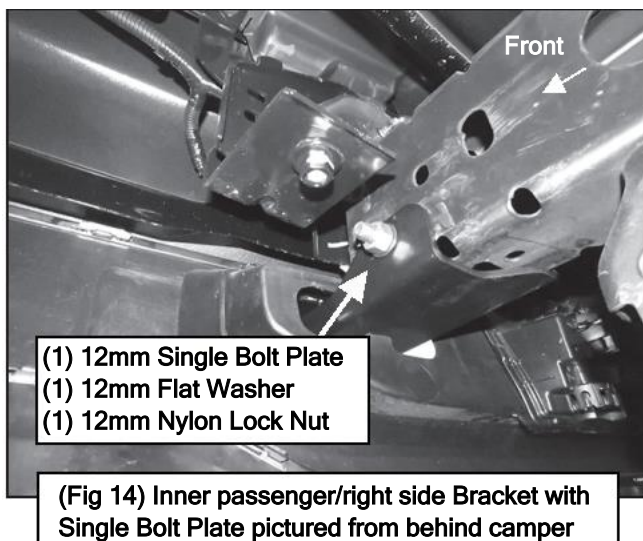
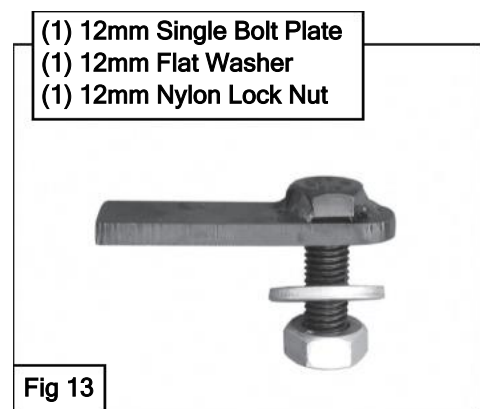
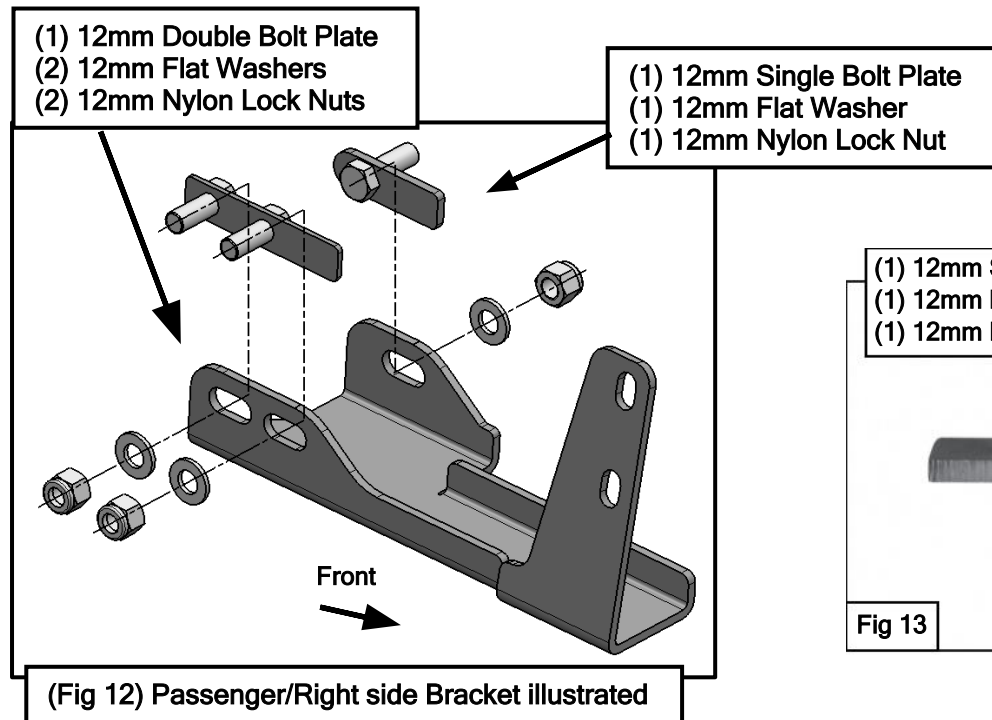
h. Remove the tow hooks.

i. Reattach the shutter and bumper to the vehicle.



**STEP 3:**

Select the Passenger/Right Mounting Bracket. Insert the Bracket through the bumper and up to the end of the frame. Line up the holes in the Bracket with the (3) mounting bolt holes for the tow hook. Select (1) 12mm Single Bolt Plate, (Fig 13). Insert the Bolt Plate into the end of the frame, through the hole in the side of the frame and out through the Bracket. Secure the Bracket to the Bolt Plate with (1) 12mm Flat Washer and (1) 12mm Nylon Lock Nut, (Figs 12 & 14). Do not tighten hardware.

**STEP 4:**

Repeat Step 3 to install the 12mm Double Bolt Plate, (Fig 15), into the remaining holes in the other side of the frame channel and Bracket, (Figs 12, 16 & 17). Do not tighten hardware.



**STEP 5:**

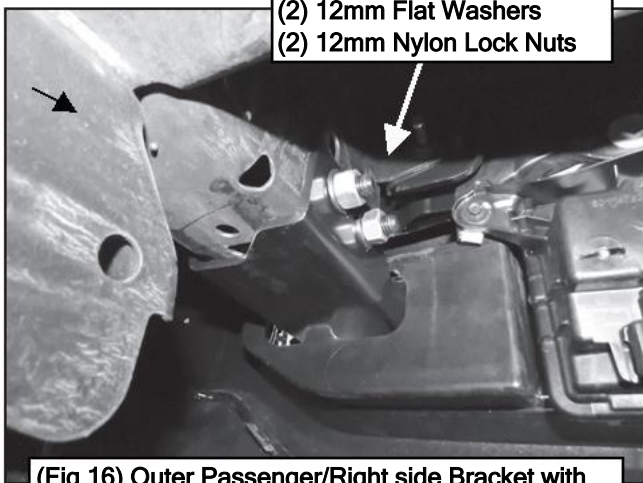
Repeat Steps 3-4 to install the Driver/Left Mounting Bracket.

- (1) 12mm Double Bolt Plate
- (2) 12mm Flat Washers
- (2) 12mm Nylon Lock Nuts



Fig 15

- (1) 12mm Double Bolt Plate
- (2) 12mm Flat Washers
- (2) 12mm Nylon Lock Nuts



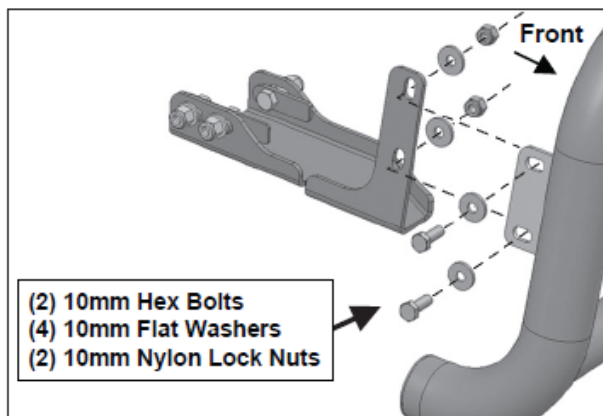
(Fig 16) Outer Passenger/Right side Bracket with Double Bolt Plate pictured from behind bumper



(Fig 17) Passenger/Right side Bracket installed

**STEP 6:**

With assistance, hold the Guard up in position on the outside of the Mounting Brackets. Attach the outside of the Mounting Brackets. Attach the Guard to the Brackets with (4) 10mm Hex Bolts, (8) 10mm Flat Washers and (4) 10mm Nylon Lock Nuts, (Fig 18-19). Do not tighten hardware at this time.



(Fig 18) Attach Tyger Guard to outside of Brackets. Passenger/Right side complete installation



(Fig 19) Passenger/Right side complete installation

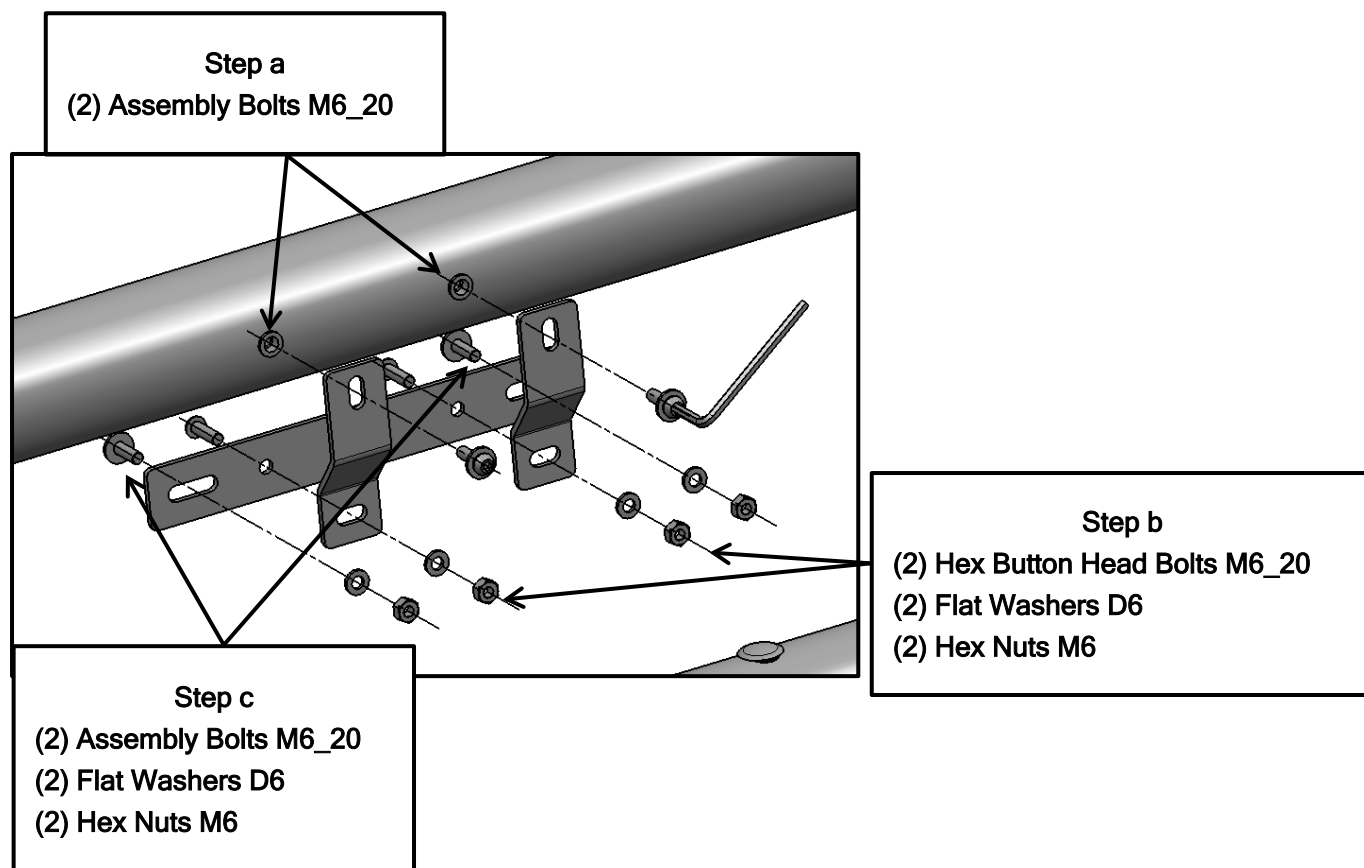
**STEP 7:**

Check the Guard alignment with the vehicle and for clearance between the Guard and the bumper. Adjust as required then fully tighten all hardware at this time.

**STEP 8:**

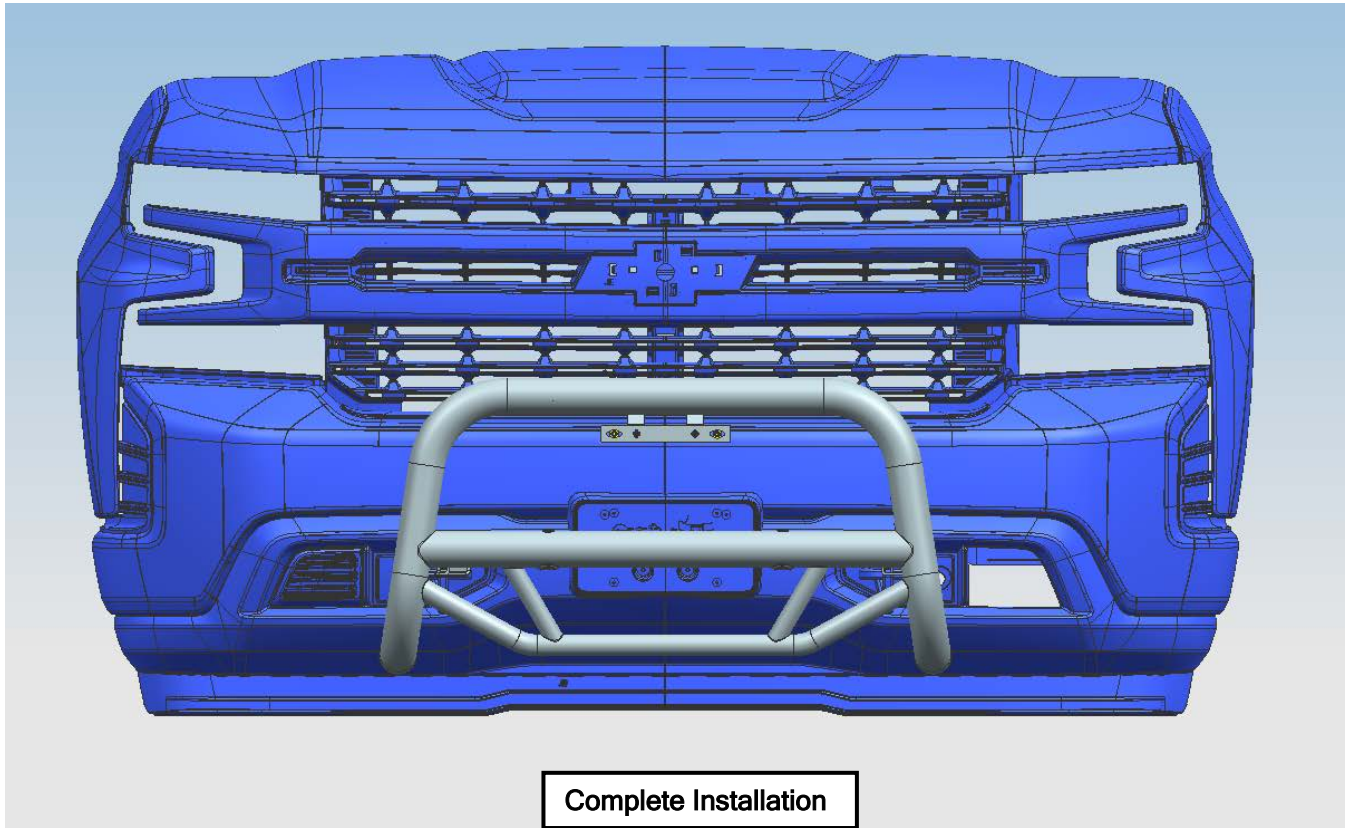
Install License Plate Bracket.

- 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) 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 9:

Do Periodic inspections to 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.