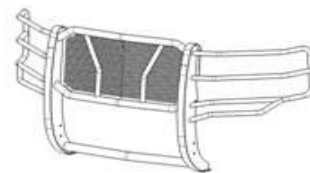




Extreme Grille Guard

Part No. E0515B



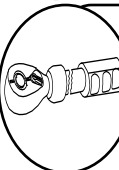
Fits: 2019-Current DODGE RAM 2500/3500/4500/5500



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



DO NOT OVER TORQUE. STANDARD OPERATING LOAD FOR TIGHTENING BODY MOUNT NUTS & BOLTS VARIES FROM 18 TO 20 FOOT POUND FOR M8, 35-40 FOOT POUND FOR M10 AND 60 TO 70 FOOT POUND FOR M12..



60-180 min



CUTTING May Be
REQUIRED



DRILLING NOT
REQUIRED



support@trailfx.com



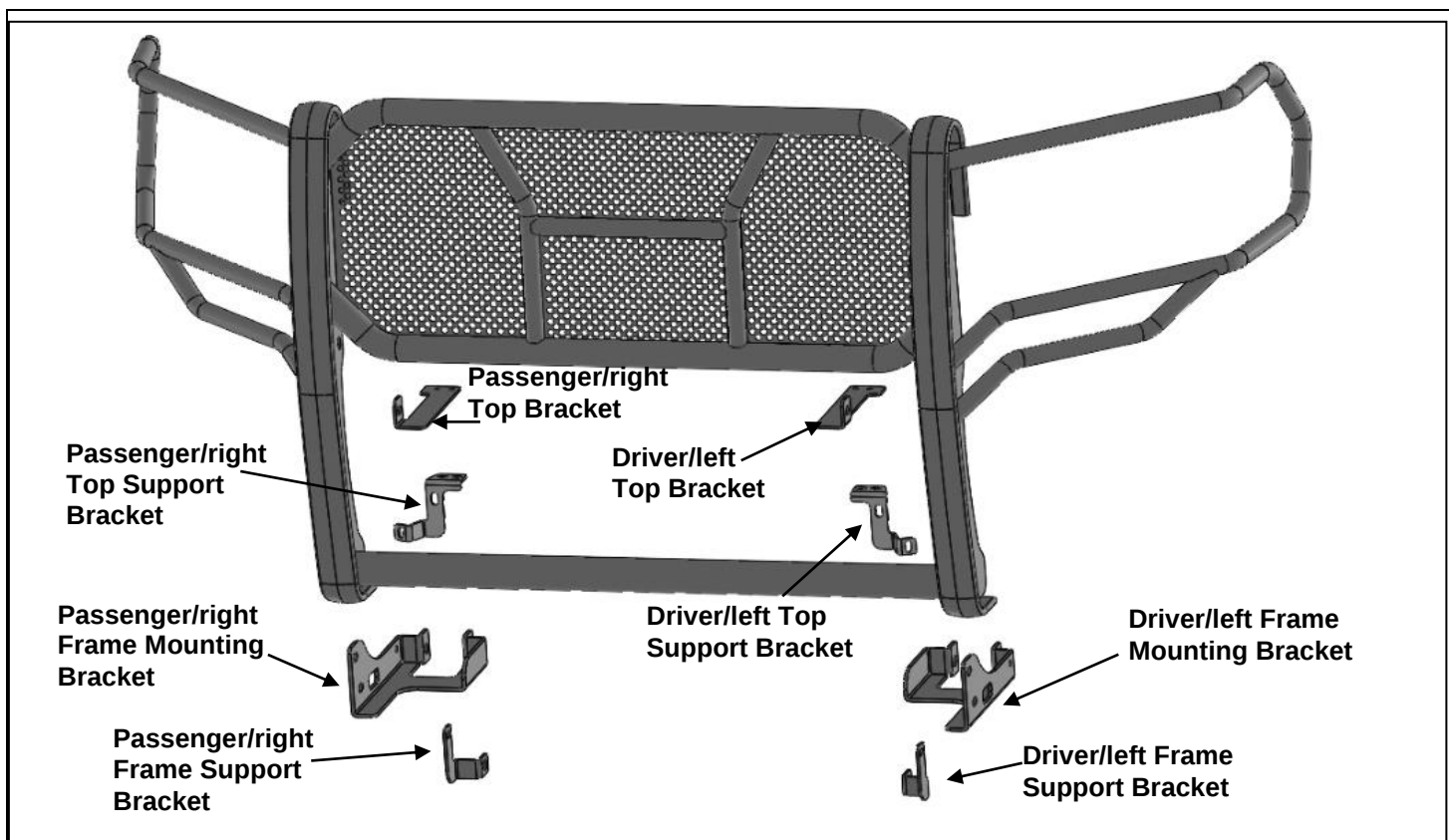
1 866 638 4870



POLISHED STAINLESS STEEL – LIMITED LIFETIME
POWDER COATED BLACK – 3 YEARS

PARTS LIST:

Qty	Part Description	Qty	Part Description
1	Extreme Grille Guard	4	12mm x 37mm x 3mm Large Flat Washers
1	Driver/left Frame Bracket	12	12mm x 32mm x 3mm Flat Washers
1	Passenger/right Frame Bracket	2	12mm Lock Washers
1	Driver/left Top Bracket	2	12mm Hex Nuts
1	Passenger/right Top Bracket	6	12mm Nylon Lock Nuts
1	Driver/left Top Support Bracket	2	10-1.5mm x 35mm Hex Bolts
1	Passenger/right Top Support Bracket	2	10mm x 24mm x 2.2mm Flat Washers
1	Driver/left Frame Support Bracket	2	10mm Lock Washers
1	Passenger/right Frame Support Bracket	6	8-1.25mm x 30mm Hex Bolts
4	Rubber Sensor Covers	6	8mm x 22mm x 2mm Flat Washers
2	12-1.75mm x 120mm Hex Bolts	6	8mm Lock Washers
6	12-1.75mm x 35mm Hex Bolts	1	2.5mm Wrench



PROCEDURE:

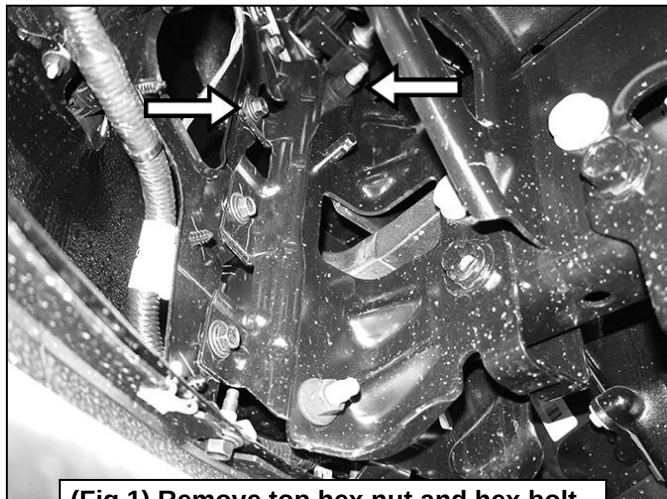
REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS RECOMMENDED. INSTALLATION MAY INTERFERE WITH FRONT BUMPER MOUNTED SENSORS.

1. Start installation under the driver/left side of the front bumper. Remove the factory hex nut attaching the top of the bumper to the top/center of the bumper bracket, **(Figure 1)**. Next, remove the factory hex bolt attaching the top of the bumper reinforcement to the bumper bracket. **NOTE:** Select the driver/left Top Mounting Bracket. Hold the Bracket up to the back of the bumper bracket to help determine correct hardware to remove, **(Figure 2)**.
2. Reuse the factory hex nut to attach the driver/left Top Mounting Bracket to the threaded stud on back of the bumper bracket, **(Figure 2)**. Attach the Bracket to the back of the bumper bracket with the supplied longer (1) 8mm x 30mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm Flat Washer, **(Figures 2 & 6)**. Do not fully tighten hardware at this time.
3. Select the driver/left Top Bracket, **(Figure 5)**. Slide the flat end of the Bracket through the gap between the top of the bumper and the bottom of the grille, **(Figure 3 & 4)**. Attach the Top Bracket to the top of the Support Bracket with the included (2) 8mm x 30mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers, **(Figures 5 & 6)**. Do not fully tighten hardware at this time.
4. Next, remove the (2) factory hex bolts attaching the driver/left tow hook, **(Figure 7)**. **IMPORTANT:** Tow hook bolts are held in place with high torque. Breaker bar or air assisted tools may be required to remove factory bolts. Once hardware has been removed, slide the tow hook out through the bumper.
5. Select the driver/left Frame Mounting Bracket. Place the tow hook on top of the Bracket. Slide the Bracket and tow hook through the opening in the front bumper. Reuse the factory hex bolt to attach the tow hook to the rear mounting hole in the frame. Use the included longer 12mm x 120mm Hex Bolt (2) 12mm x 37mm Large Flat Washers, (1) 12mm Lock Washer and (1) 12mm Hex Nut to attach the Bracket and tow hook to the forward tow hook mounting hole, **(Figure 8)**.
6. Remove the factory hex bolt from the side of the frame, **(Figure 9)**. Select the driver/left Frame Support Bracket, **(Figure 10)**. Reuse the hex bolt to attach the Support Bracket to the frame. Attach the top of the Support Bracket to the bottom of the Frame Bracket with the included (1) 10mm x 35mm Hex Bolt, (1) 10mm Lock Washer and (1) 10mm Flat Washer, **(Figures 10 & 11)**. Leave hardware loose.
7. Repeat **Steps 1—6** to install the passenger/right Top and Frame Mounting Brackets.
8. With assistance, hold the Grille Guard up to the outside of the Brackets. Attach the Grille Guard to the Brackets with the included (6) 12mm x 35mm Hex Bolts, (12) 12mm x 32mm Flat Washers and (6) 12mm Nylon Lock Nuts, **(Figure 12)**.

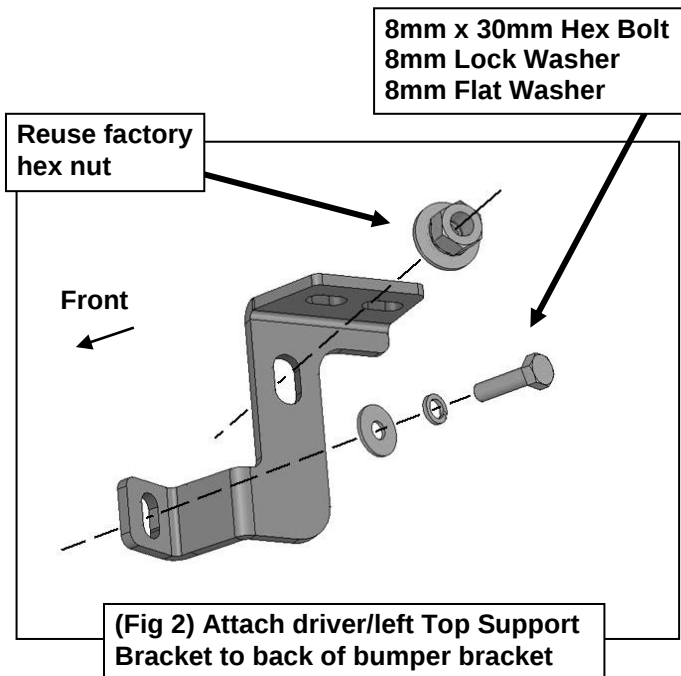
9. Stand back from the vehicle and check to see that the Grille Guard is centered and level on the vehicle and adjust as necessary. Once adjusted, fully tighten all hardware.
10. On models with grille mounted camera, remove the panel in the screen on the Grille Guard, **(Figure 13)**.
11. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

To protect your investment, Do not use any type of polish or wax that may contain abrasives that could damage the finish. Mild soap may be used to clean the Grille Guard.

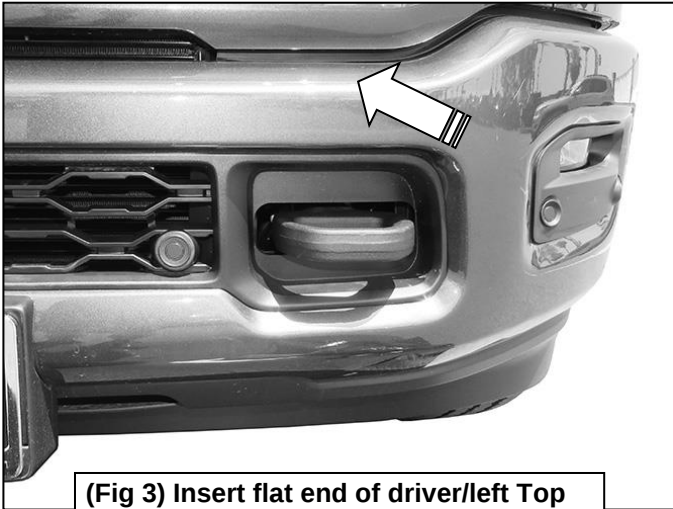
Driver Side Installation Pictured



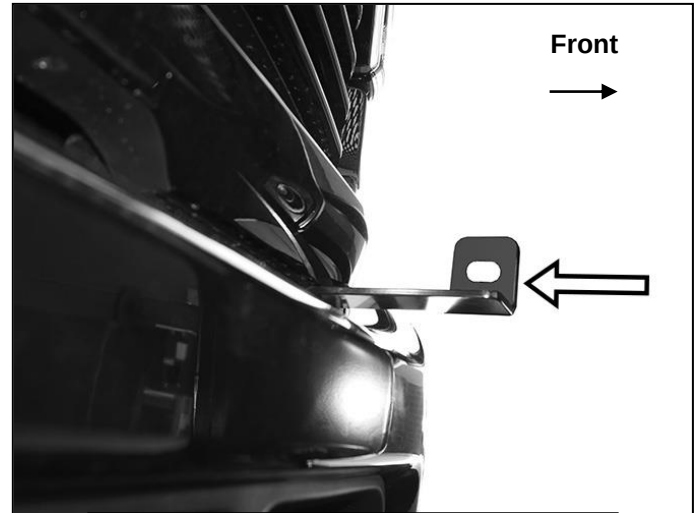
(Fig 1) Remove top hex nut and hex bolt from back of bumper bracket (arrows).



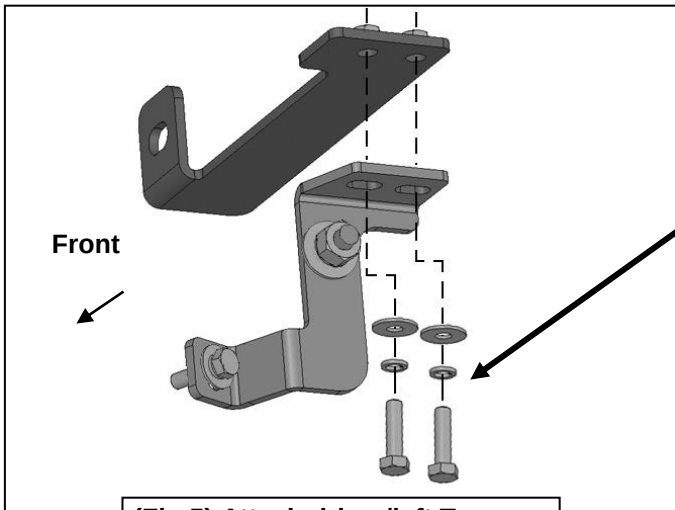
Driver Side Installation Pictured



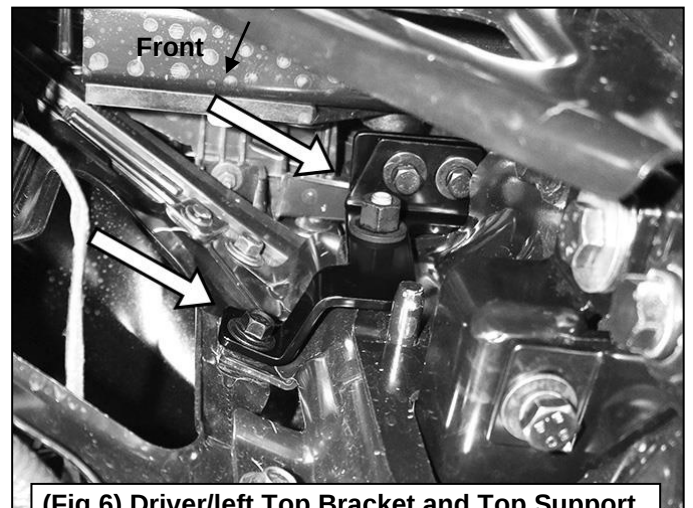
(Fig 3) Insert flat end of driver/left Top Bracket through bumper (arrow)



(Fig 4) Insert flat end of driver/left Top Bracket through bumper (arrow)

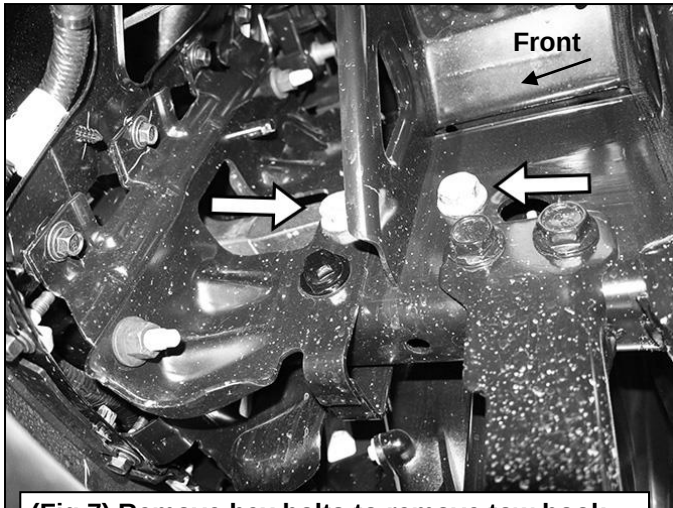


(Fig 5) Attach driver/left Top Bracket to Top Support Bracket



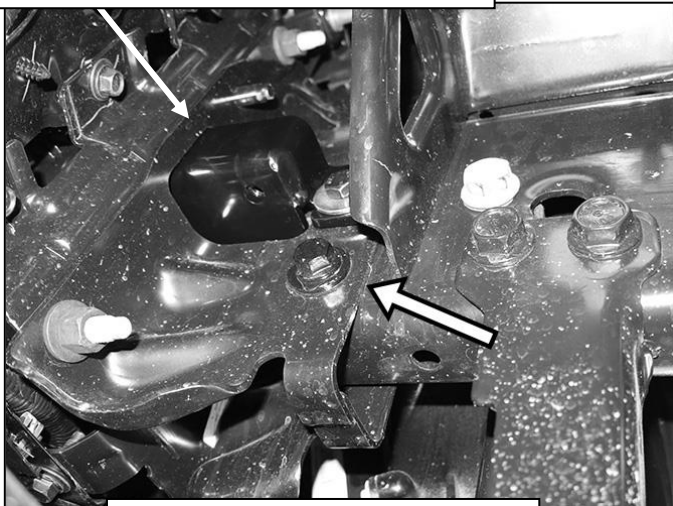
(Fig 6) Driver/left Top Bracket and Top Support Bracket pictured from behind bumper

Driver Side Installation Pictured



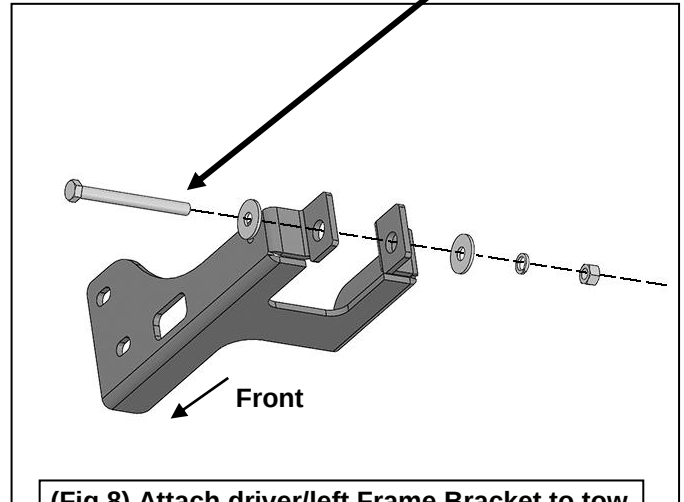
(Fig 7) Remove hex bolts to remove tow hook

Driver/left Frame Bracket to tow hook
and forward tow hook mounting hole



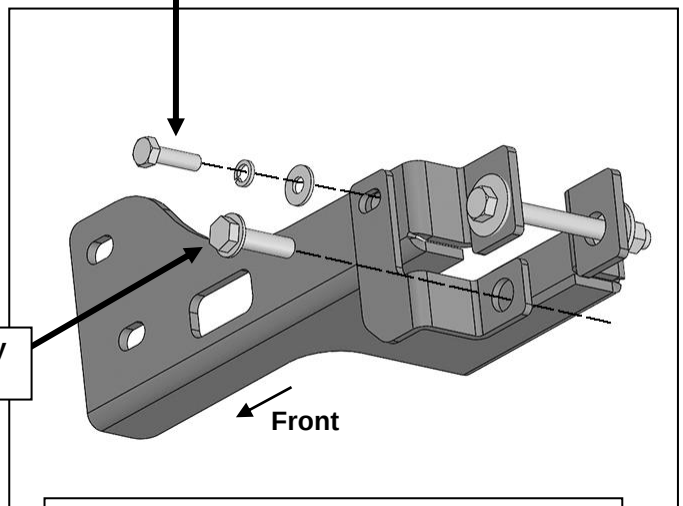
(Fig 9) Remove hex bolt (arrow)

12mm x 120mm Hex Bolt
(2) 12mm x 37mm Large Flat Washers
12mm Lock Washer
12mm Hex Nut



(Fig 8) Attach driver/left Frame Bracket to tow hook and forward tow hook mounting hole

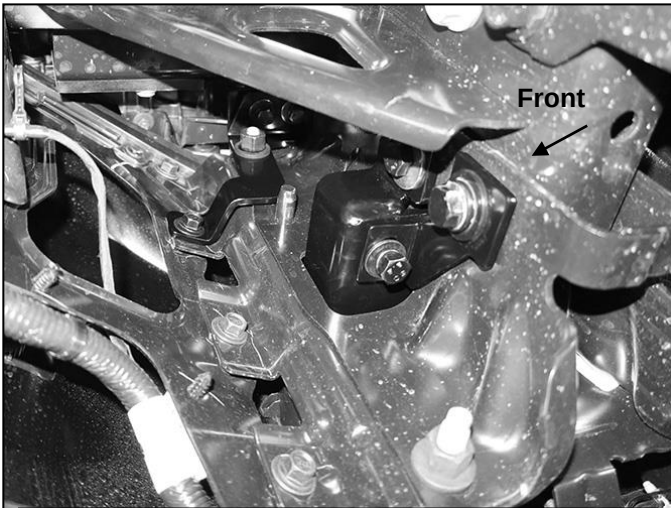
10mm x 35mm Hex Bolt
10mm Lock Washer
10mm Flat Washers



(Fig 10) Attach Driver/Left Frame Support Bracket to side of frame and Frame Bracket

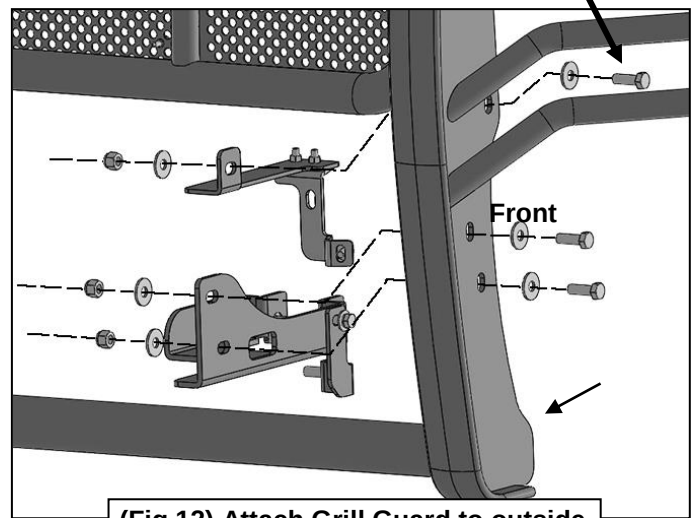
Reuse factory
hex bolt

Driver Side Installation Pictured

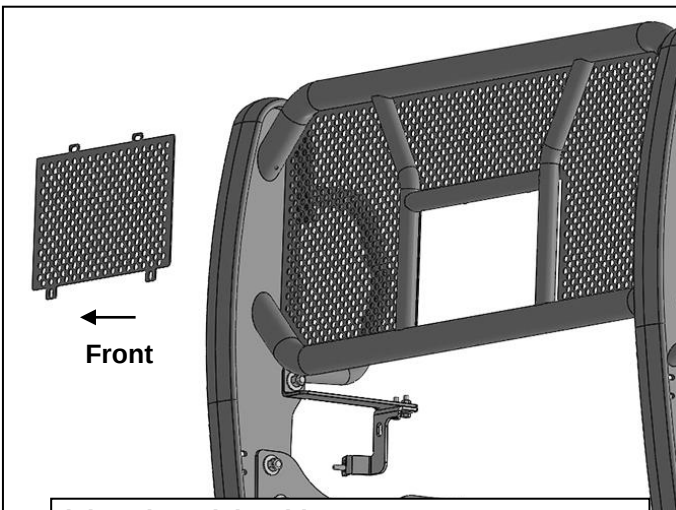


(Fig 11) Driver/left Mounting Brackets installed, pictured from behind/below bumper

- (3) 12mm x 35mm Hex Bolts
- (6) 12mm x 32mm STD Flat Washers
- (3) 12mm Nylon Lock Nuts



(Fig 12) Attach Grill Guard to outside of driver/left Mounting Brackets



(Fig 13) Models with camera, remove screen

PRODUCT CARE

- Periodically check the product to ensure all fasteners are tight and components are intact.
- Regular waxing is recommended to protect the finish of the product.
- **Use ONLY Non-Abrasive automotive wax.** Use of any soap, polish or wax that contains an abrasive is detrimental and can scratch the finish leading to corrosion.
- Aluminum polish may be used to polish small scratches and scuffs for **Stainless Steel finish.**
- Mild soap may be used to clean the product for both **Stainless Steel and Black finish.**

FAQ's**1. Hardware's are not of correct size.**

In GMC / Chevrolet truck model 2006 & up, customer needs to reuse the factory body bolts to install the bracket. If your vehicle is not GMC / Chevrolet 2006 & up, ensure that holes are not partially covered with any plastic grommet or rust? If it is, remove the plastic grommet & rust from the thread holes & re-try the installation.

2. Mounting Bracket are not getting Installed properly.

In some cases Illustration images shown in Installation manual may not be the exactly same as per actual vehicle images ,also if Driver / Passenger side mounting brackets are very identical in the design, suggest referring Parts Identification guide to avoid fitment issue.

3. Products are thumping / rattling after installation.

Ensure that all required mounting brackets / hardware's are installed & tighten correctly. Suggest using white lithium / regular grease between the metal to metal contact surfaces.

4. Side Bar is not aligning with vehicle / Step Pads are not aligning with vehicle doors.

Side bar may be interchanged or mounting brackets are not installed at the correct position in the vehicle. Refer Parts identification guide.

5. Missing / Excess Hardware.

Recheck hardware count as per the part list.

6. Product not installing properly.

Ensure make model year, cab length and bed size of your vehicle is listed in the application. All installation steps are followed correctly.

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**BULL BAR****GRILLE GUARDS****BED RAILS****RUNNING BOARDS**

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