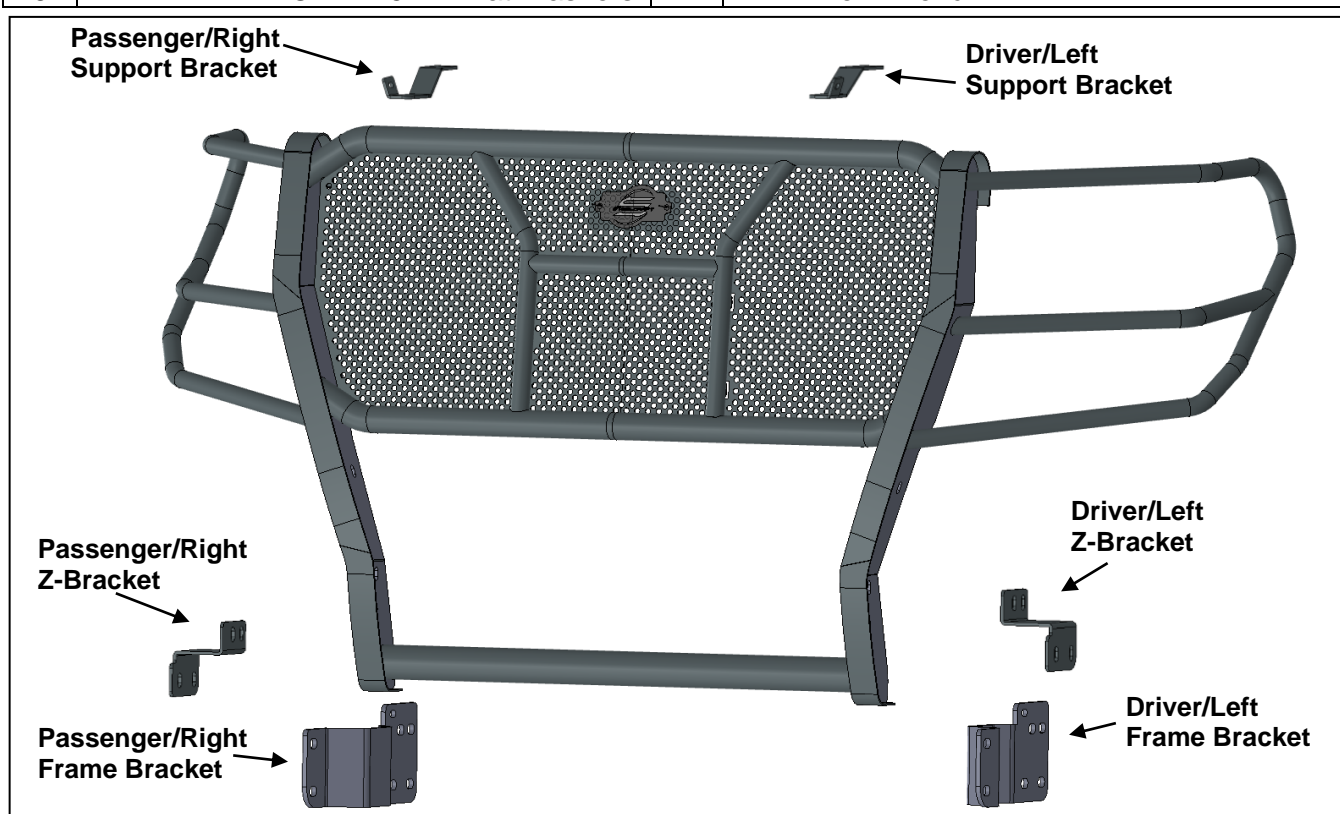


PARTS LIST:

1	XHD Grille Guard	14	12mm Lock Washers
1	Driver/Left Frame Bracket	14	12mm Hex Nuts
1	Passenger/Right Frame Bracket	6	12mm Plastic Retainers
1	Driver/Left Z-Bracket	2	10-1.5mm x 30mm Hex Bolts
1	Passenger/Right Z-Bracket	4	10mm x 24mm OD x 2.2mm Flat Washers
1	Driver/Left Support Bracket	2	10mm Nylon Lock Nuts
1	Passenger/Right Support Bracket	2	8-1.25mm x 25mm Hex Bolts
8	12-1.75mm x 40mm Hex Bolts	4	8mm x 24mm OD x 2mm Flat Washers
2	12-1.75mm x 35mm Bolt Plates	2	8mm Lock Washers
2	12-1.75mm x 30mm Double Bolt Plates	2	8mm Hex Nuts
16	12mm x 32mm OD x 3mm Flat Washers	2	Foam Strips
6	12mm x 24mm OD x 2.5mm Flat Washers	1	4mm Allen Wrench



PROCEDURE:

REMOVE CONTENTS FROM PACKAGING. SOME PARTS ARE SMALL AND WILL BE HIDDEN IN WRAPPINGS. VERIFY ALL PARTS ARE PRESENT AND DO NOT DISCARD PACKAGING UNTIL INSTALLATION IS COMPLETE. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. GRILLE GUARD IS HEAVY, ASSISTANCE IS HIGHLY RECOMMENDED TO AVOID POSSIBLE INJURY OR DAMAGE TO THE VEHICLE. INSTALLATION MAY INTERFERE WITH FRONT MOUNTED SENSORS. MINOR TRIMMING MAY BE REQUIRED. IT MAY BE NECESSARY TO REMOVE THE BUMPER ON SOME VEHICLES.

1. Remove the factory tow hook and plastic cover, if equipped, **(Figures 1 & 2)**.
2. **For models not equipped with tow hooks**, cut out the indented area in both sides of the plastic bumper insert to clear the Brackets as pictured, **(Figure 3)**. **IMPORTANT:** Make several small cuts for best fit. Do not cut through the top or bottom edge of the panel.
3. Select the Driver/Left Frame Bracket. Slide bracket through bumper and line up the holes in the Frame Bracket with the holes in the outer frame for the tow hook.

Models without tow hooks:

- a. Select (1) 12mm Bolt Plate. Insert the Bolt Plate into the end of the driver side frame, **(Figure 4)**. Thread (1) 12mm Plastic Retainers onto the Bolt Plate to hold it in place, **(Figure 5)**.
- b. Attach the Frame Bracket to the Bolt Plate to the outside of the frame with (1) 12mm x 24mm Flat Washer, (1) 12mm Lock Washer and (1) 12mm Hex Nut, **(Figure 6)**. Do not tighten hardware at this time.
- c. Attach the Frame Bracket to the frame with (1) 8mm Hex Bolt, (2) 8mm Flat Washers, (1) 8mm Lock Washer and (1) 8mm Hex Nut, **(Figures 6 & 7)**.
- d. Select (1) 12mm Double Bolt Plate, **(Figure 8)**. Insert the Double Bolt Plate into the inner side of the frame. Thread (2) 12mm Plastic Retainers onto the Double Bolt Plate to hold it in place.
- e. Select the Drive/Left Z-Bracket. Attach the Z-Bracket to the Double Nut Plate with (2) 12mm x 24mm Flat Washers, (2) 12mm Lock Washers and (2) 12mm Hex Nuts, **(Figure 8)**. Do not tighten hardware at this time.
- f. Attach the bottom of the Z-Bracket to the Frame Bracket with (2) 12mm Hex Bolts, (4) 12mm x 32mm Flat Washers, (2) 12mm Lock Washers and (2) 12mm Hex Nuts, **(Figures 9 & 10)**. Do not tighten hardware at this time.

Models with tow hooks:

- a. Reuse the factory hardware to attach the Driver/Left outside Frame Bracket and the Driver/Left inside Z-Bracket to the end of the frame, **(Figure 10)**.
 - b. Attach the bottom of the Z-Bracket to the Frame Bracket with (2) 12mm Hex Bolts, (4) 12mm x 32mm Flat Washers, (2) 12mm Lock Washers and (2) 12mm Hex Nuts, **(Figures 9 & 10)**. Do not fully tighten hardware at this time.
4. Repeat **Steps 2 & 3** to attach the Passenger/Right Frame Bracket and Z-Bracket.
 5. On the driver side, carefully pull the fender flare out only release the forward end of the flare, it is not necessary to completely remove the flare. Remove the small bolt attaching the end of the fascia panel to the front fender, **(Figure 11)**. Repeat step on passenger side.
 6. Remove the hardware attaching the fender liner to the front of the fender and the end of the plastic body panel, **(Figure 12)**. Pull firmly to remove fascia clips/tabs.
 7. Open the hood and remove the hood release lever. Remove the plastic cover from the top of the grille and radiator.
 8. Carefully remove the grille from the vehicle. **NOTE:** Grille is held in place with screws at the top **(Figure 13)** and the bottom **(Figure 14)**. Remove the screws and firmly pull the grille straight out from the vehicle to release the grille from clips. Unplug camera (If equipped).
 9. Remove the screws securing the shutter assembly and remove the shutter assembly **(Figure 15)**.
 10. Move up to the top of the bumper. Select the Driver/Left Support Bracket. Apply a layer of the included Adhesive Backed Foam Tape to the bottom of the Bracket. Trim Foam for best fit, **(Figure 16)**.
 11. Locate the factory hex bolt, **(Figure 17)**, attaching the top of the bumper to the inner bumper bracket. Temporarily remove the hex bolt and reuse the factory hex bolt to attach the Support Bracket to the top of the bumper, **(Figure 18)**. Do not tighten hardware at this time.
 12. Repeat **Steps 9 & 10** to attach the Passenger/Right Support Bracket.
 13. With assistance, hold the Grille Guard up in position on the outside of the Mounting Brackets, **(Figure 19)**. Attach the Grille Guard to the Frame Brackets with (4) 12mm Hex Bolts, (8) 12mm Flat Washers, (4) 12mm Lock Washers and (4) 12mm Hex Nuts, **(Figures 19 & 20)**. Do not tighten hardware at this time.
 14. Attach the Support Brackets to the Grille Guard with (2) 10mm Hex Bolts, (4) 10mm Flat Washers and (2) 10mm Nylon Lock Nuts, **(Figures 19 & 20)**. Check the Grille guard alignment with the vehicle. Adjust as required then fully tighten the Top Support and Frame Bracket to vehicle hardware only. Do not fully tighten the Grille Guard to Bracket hardware at this time.
 15. Reinstall the grille. **NOTE:** Loosen the hardware attaching the Grille Guard to the Brackets and tilt the Grille Guard forward to make room to reinstall the grille. **IMPORTANT:** Support Bracket to back of bumper hardware must be fully tightened before reinstalling the grille.
 16. Reinstall the fascia.
 17. Level and adjust the Grille Guard and fully tighten all hardware.
 18. On models with grille mounted front camera, remove the center panel from the Grille Guard, **(Figure 21)**.
 19. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish. Mild soap may be used also to clean the Grille Guard.

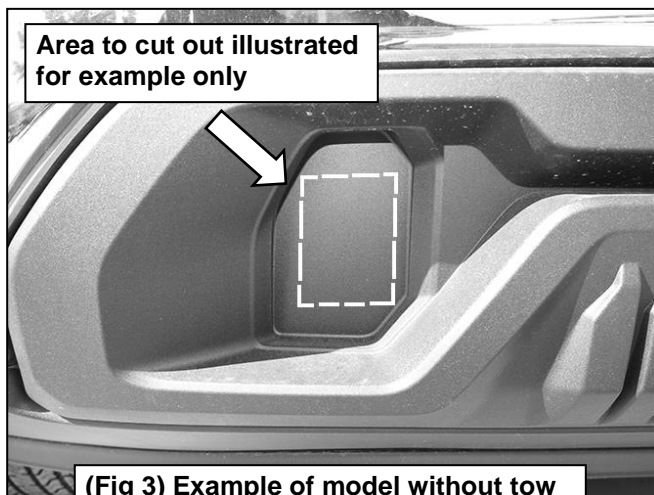
Driver/Left Side Installation Pictured



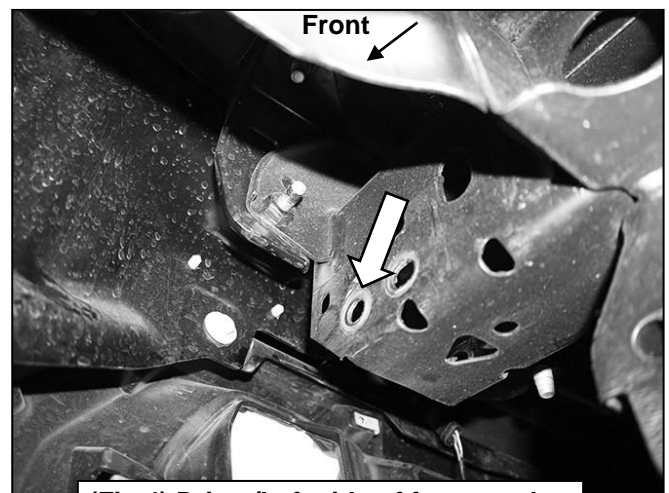
(Fig 1) Passenger/Right tow hook pictured



(Fig 2) Remove the tow hook and the plastic cover

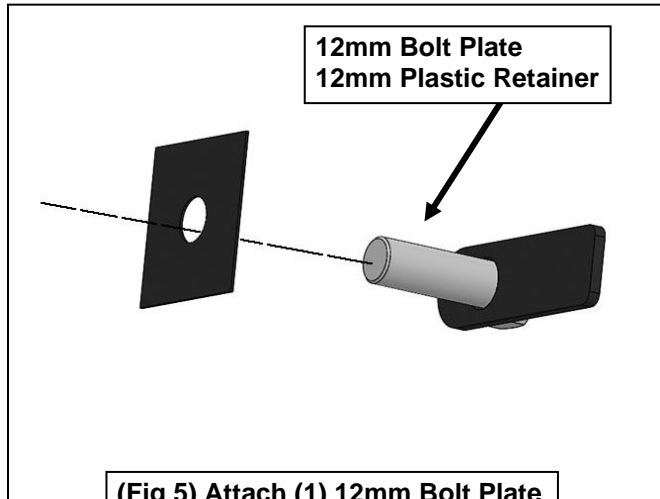


(Fig 3) Example of model without tow hooks, passenger/right side pictured



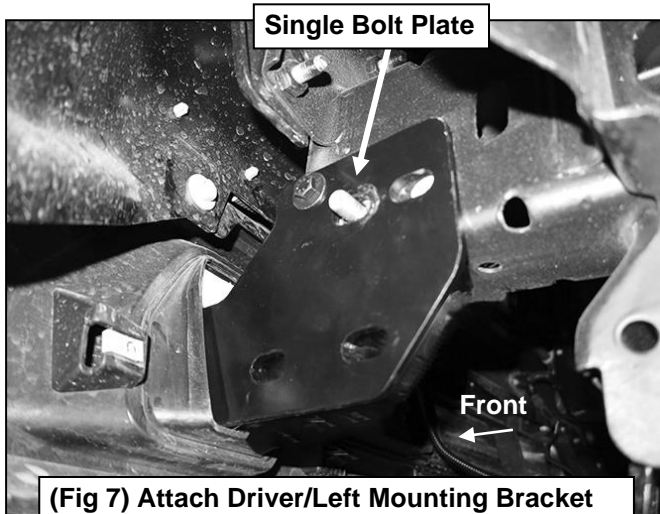
(Fig 4) Driver/Left side of frame and bumper pictured from behind bumper

Driver/Left Side Installation Pictured

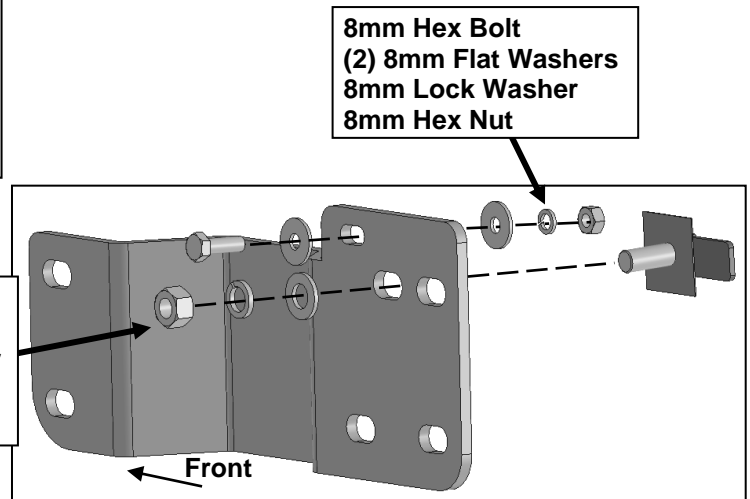


(Fig 5) Attach (1) 12mm Bolt Plate to the outer side of the frame

12mm Bolt Plate
12mm Plastic Retainer
12mmx 24mm Flat Washer
12mm Lock Washer
12mm Hex Nut

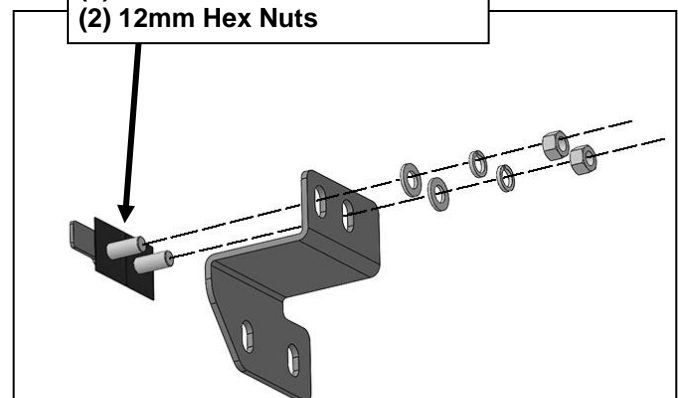


(Fig 7) Attach Driver/Left Mounting Bracket assembly to end of frame with Bolt Plates



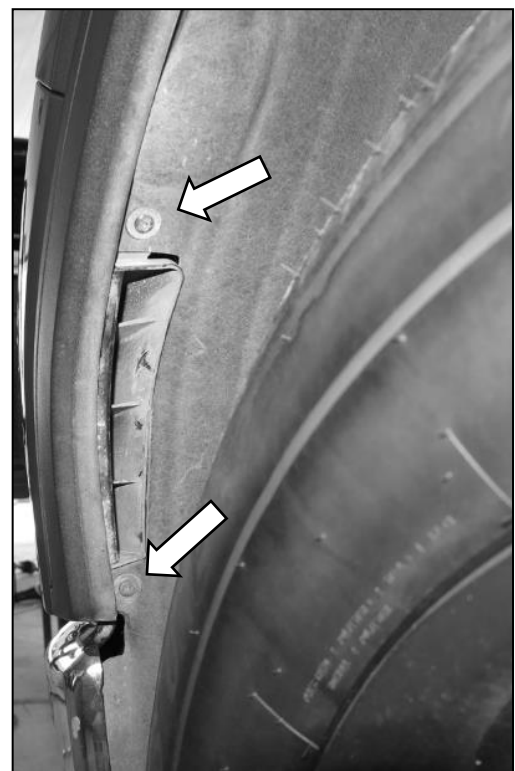
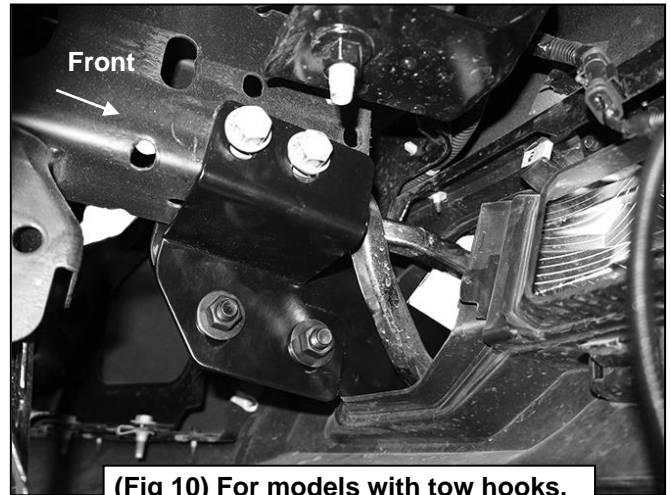
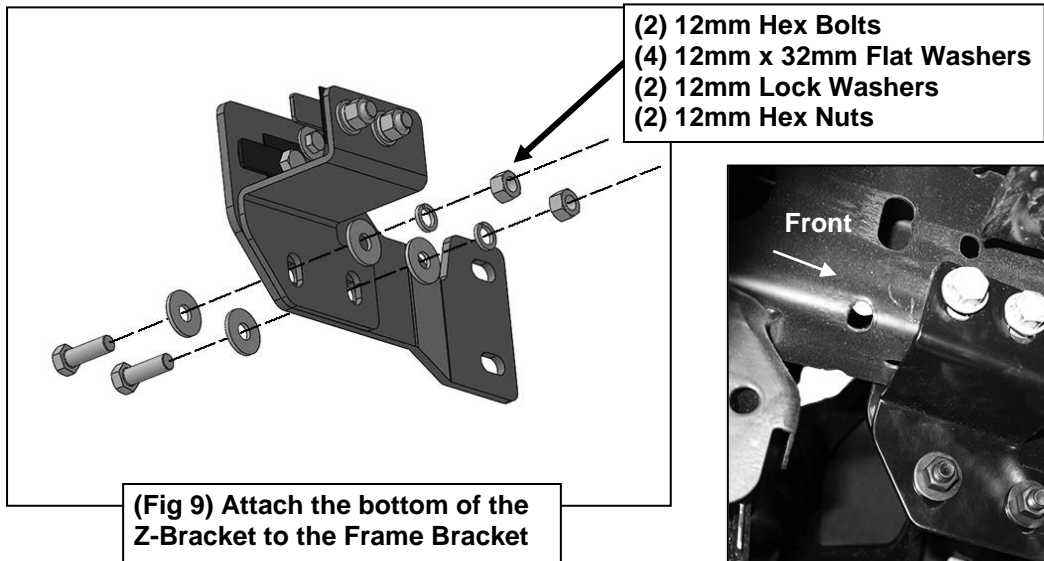
(Fig 6) Attach Driver/Left Frame Bracket to end of frame with Bolt Plate and 8mm Hex Bolt

12mm Double Bolt Plate
(2) 12mm Plastic Retainers
(2) 12mm x 24mm Flat Washers
(2) 12mm Lock Washers
(2) 12mm Hex Nuts



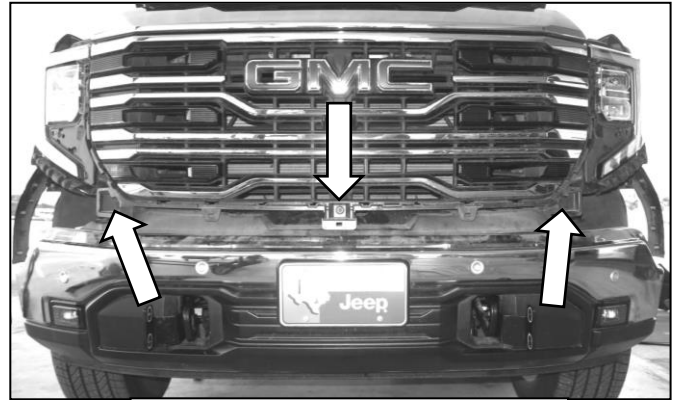
(Fig 8) Attach Driver/Left Z-Bracket to the inner face of the end of frame with Bolt Plates

Driver/Left Side Installation Pictured

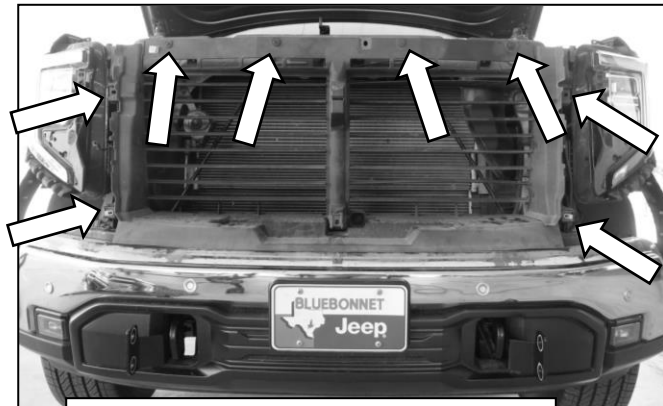




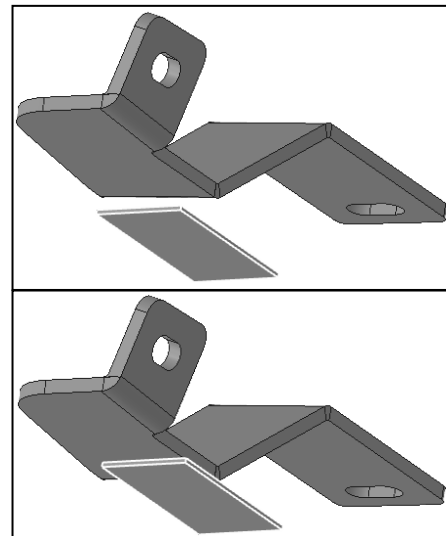
(Fig 13) Remove screws attaching grille (arrows)



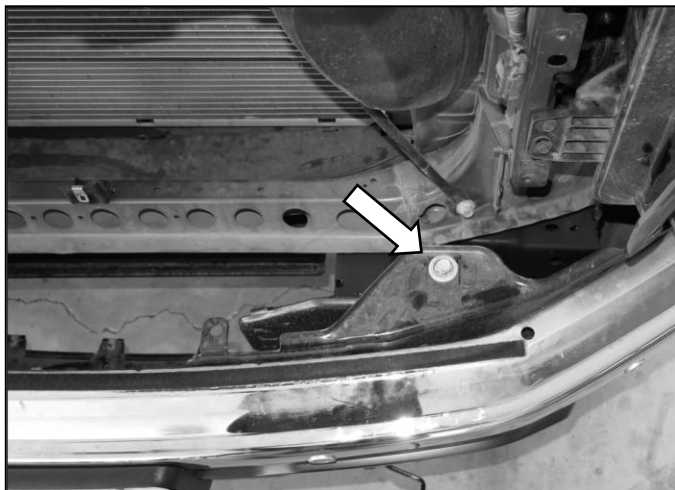
(Fig 14) Remove remaining screws and gently remove grille



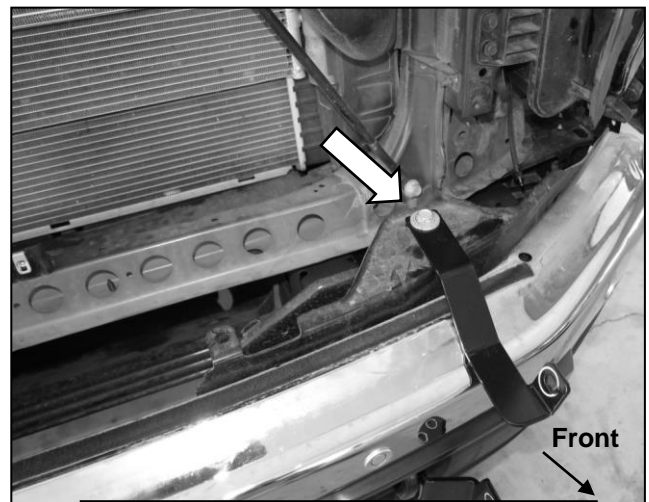
(Fig 15) Remove screws securing shutter assembly



(Fig 16) Apply Adhesive Backed Foam Tape to bottom of Support Bracket



(Fig 17) Temporarily remove factory bolt



(Fig 18) Apply Foam Tape to underside of Driver/left Support Bracket. Reuse the factory bolt to attach the Bracket to the top of the bumper

**EXTREME GRILLE GUARD
2022+ SIERRA 1500**

