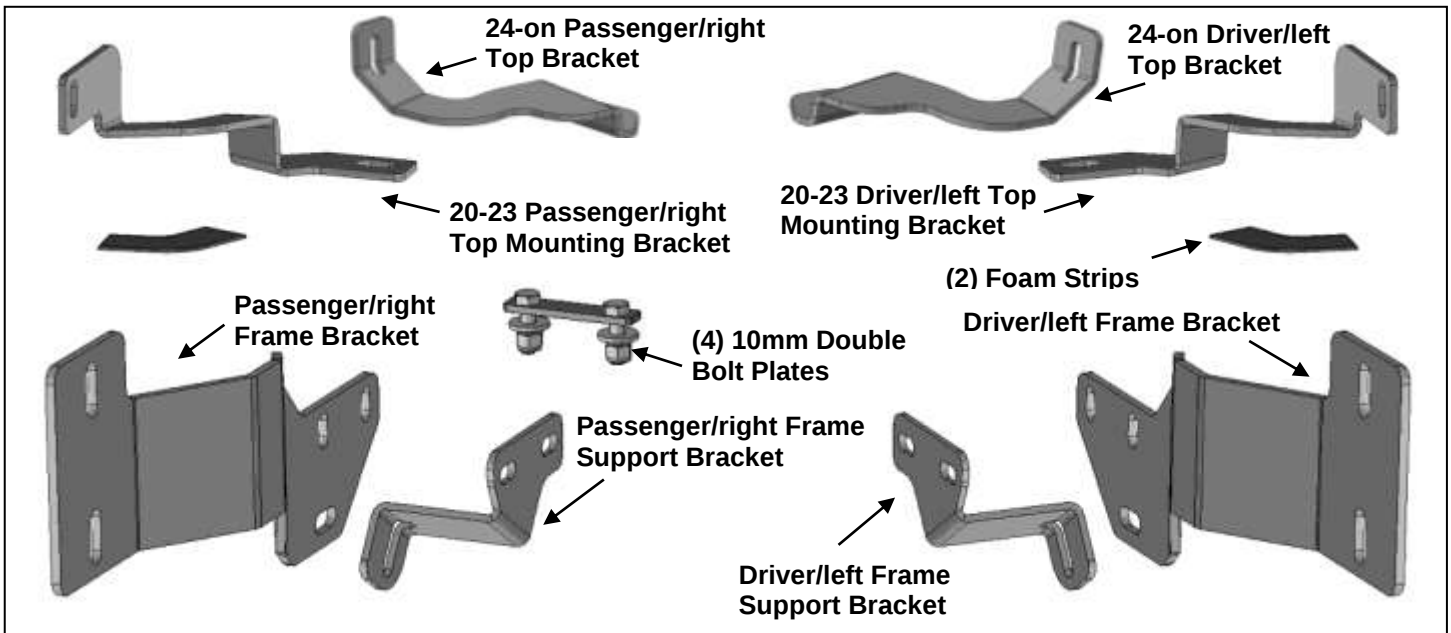


PARTS LIST:

1	HD Grille Guard	8	12-1.75mm x 40mm Hex Bolts
1	Driver/left Frame Bracket	10	12mm x 37mm OD x 3mm Large Flat Washers
1	Passenger/right Frame Bracket	2	12mm x 24mm OD x 2.5mm STD Flat Washers
1	Driver/left Frame Support Bracket	6	12-1.75mm Nylon Lock Nuts
1	Passenger/right Frame Support Bracket	2	12mm Lock Washer
1	2020-23 Driver/left Top Mounting Bracket	4	10mm x 35mm Double Bolt Plates
1	2020-23 Passenger/right Top Mounting Bracket	4	10-1.5mm x 130mm Hex Bolts
1	2024-on Driver/left Top Bracket	2	10-1.5mm x 35mm Hex Bolts
1	2024-on Passenger/right Top Bracket	12	10mm x 27mm OD x 3mm Flat Washers
2	2020-23 Adhesive Backed Foam Tape Strips	10	10-1.5mm Nylon Lock Nuts
2	2024-on Adhesive Backed Foam Tape Strips	1	Allen Wrench



PROCEDURE:

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. MINOR PLASTIC TRIMMING MAY BE REQUIRED. INSTALLATION MAY INTERFERE WITH BUMPER MOUNTED PARKING SENSORS. ASSISTANCE IS RECOMMENDED.

1. Open the hood and remove the hood release lever, **(Figures 1 & 2)**. Remove the plastic pins and cover from the top of the grille and radiator. Temporarily reattach the lever.
2. Remove the now exposed hardware attaching the top of the grille to the body.
3. Loosen plastic body panels, (fascia panels):
2020-2023 Models: Grab and pull panel between the top of the bumper and the bottom of the headlight, **(Figure 3a)**. **NOTE:** Fascia panels do not need to be fully removed, only loosen the insides to remove the grille.
2024-on Models: Starting at the front of the wheel well, remove the 2 screws attaching the fender liner to the fascia panels. Grab plastic fender flare and pull to release plastic pins securing the plastic fender flare to body, **NOTE:** flare does not need to be fully removed, only the first few pins. Remove the now exposed small hex bolt attaching fascia to body **(Figure 3b)**.
4. On models with grille mounted camera, unplug harness leading to the camera.

5. Once all attaching screws and clips have been removed, pull grille straight out to release from clips, **(Figure 4)**.
6. Remove the hex bolt from the top of the driver/left side of the frame, **(Figure 5)**.
7. Identify the correct Top Mounting Bracket for your model year:
Select the driver/left Top Bracket and apply Foam Tape to bottom of the Bracket, **(Figure 6)**.
Use the factory hex bolt to attach the Top Bracket to the frame, **(Figures 7a – 7b)**. Repeat this and the previous **Step** to attach the passenger/right Top Bracket. Do not fully tighten hardware at this time.
8. Move to the bottom of the front bumper. Determine if the vehicle is equipped with tow hooks.

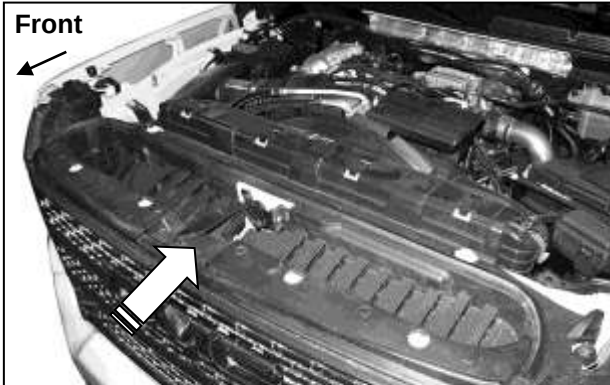
Models with tow hooks.

- a. Remove the driver/left tow hook and seal from bumper, **(Figures 8—10)**. Slide tow hook back into position.
- b. Select the driver/left Frame Mounting Bracket and Support Bracket, **(Figure 11)**. Slide the Frame Bracket through the tow hook opening and along the outside of the frame, **(Figure 10)**. Insert (2) 10mm x 130mm Hex Bolts with (2) 10mm Flat Washers through the Bracket, frame and tow hook, **(Figures 11 & 12)**.
- c. Slide the Support Bracket over the hex bolts. Attach the Support Bracket to the inner facing side of the frame with (2) 10mm Flat Washers and (2) 10mm Nylon Lock Nuts, **(Figures 11 & 13)**. Do not fully tighten hardware at this time.
- d. Attach the bottom of the Support Bracket to the Frame Bracket with the included (1) 12mm x 40mm Hex Bolt, (1) 12mm x 37mm Large Flat Washer, (frame bracket side), (1) 12mm x 24mm Small Flat Washer, (support bracket side) and (1) 12mm Nylon Lock Nut, **(Figures 11 & 13)**. Do not fully tighten hardware at this time.
- e. Repeat these **Steps** to attach the passenger/right Brackets.

Models without tow hooks or if tow hooks will not be reinstalled

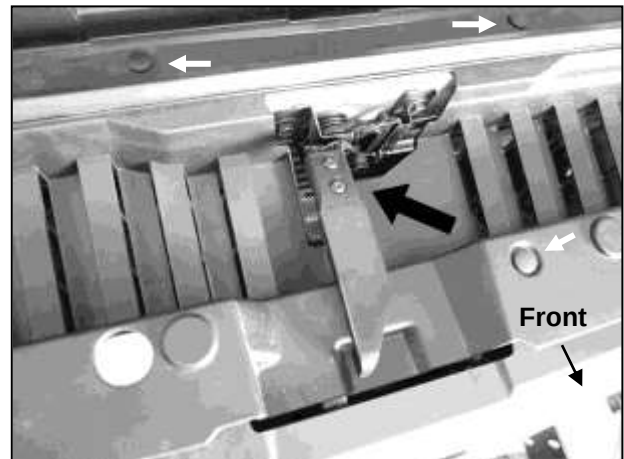
- a. **IMPORTANT:** The pocket in the plastic bumper may need to be cut out to clear the Frame Brackets, **(Figure 10)**. Use a sharp knife or hacksaw blade and carefully cut out the pocket to clear the Frame Brackets. Only cut out enough plastic to clear the Brackets.
- b. Insert (1) 10mm Double Bolt Plate into the open end of the frame and out through the outside of the frame.
- c. Slide the driver/left Frame Bracket through the opening in the bumper and over the threaded studs on the Bolt Plate, **(Figure 14)**.
- d. Attach the Frame Bracket to the Bolt Plate with (2) 10mm Flat Washers and (2) 10mm Nylon Lock Nuts, **(Figure 14)**.
- e. Repeat the previous **Steps** to attach the driver/left Support Bracket to the inner facing side of the frame, **(Figure 15)**. Attach the bottom of the Support Bracket to the Frame Bracket with the included (1) 12mm x 40mm Hex Bolt, (1) 12mm x 37mm Large Flat Washer, (frame bracket side), (1) 12mm x 24mm Small Flat Washer, (support bracket side) and (1) 12mm Nylon Lock Nut. Do not fully tighten hardware at this time.
- f. Repeat these **Steps** to attach the passenger/right Brackets.
9. With assistance, position the Heavy Duty Grille Guard up to the outside of the Mounting Brackets, **(Figure 16)**. Attach the Grille Guard to the Frame Brackets with the included (4) 12mm x 40mm Hex Bolts, (8) 12mm x 37mm Large Flat Washers and (4) 12mm Nylon Lock Nuts, **(Figures 17 & 18)**. Attach the Top Brackets to the inside of the Grille Guard with (2) 10mm x 35mm Hex Bolts, (4) 10mm Flat Washers and (2) 10mm Nylon Lock Nuts, **(Figures 17 & 18)**. Do not fully tighten hardware.
10. Level and adjust the Grille Guard and fully tighten all hardware attaching Brackets to vehicle only. Temporarily remove Grille Guard.

11. Reinstall grille, fascia body panels and top cover. On models with camera, plug in wiring harness.
12. Reinstall Grill Guard and fully tighten all hardware.
13. On models with camera, remove screen from center of Grille Guard, **(Figure 19)**.
14. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

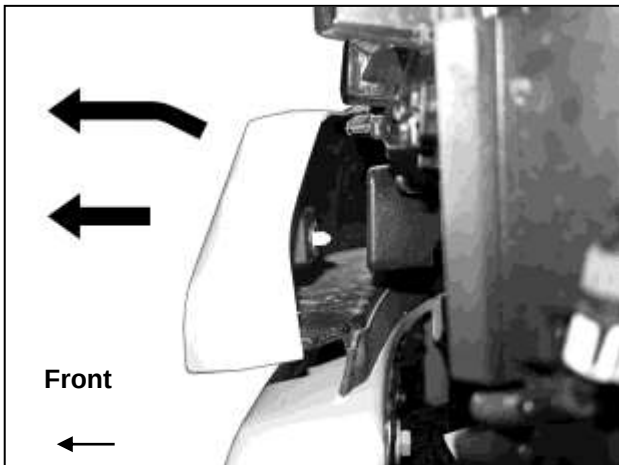


(Fig 1) Open hood and temporarily remove hood release lever

Driver/left Side Installation Pictured



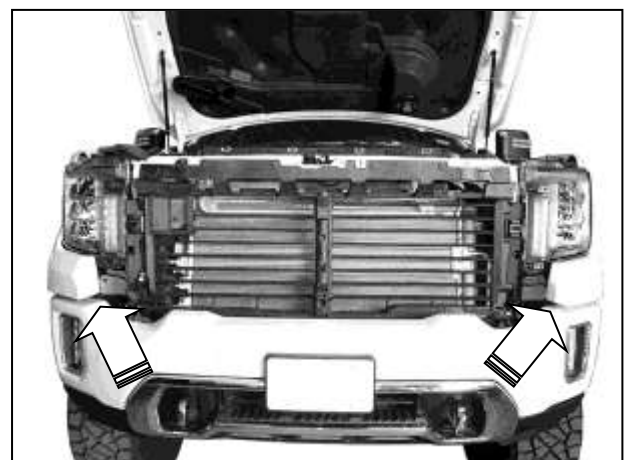
(Fig 2) Remove hood release lever (arrow). Remove plastic pins and cover, then temporarily reinstall the release lever.



(Fig 3a) 2020-23 Models: Firmly pull fascia body panels up and straight out to release from clips next to grille (passenger side pictured-also see Figure 4)

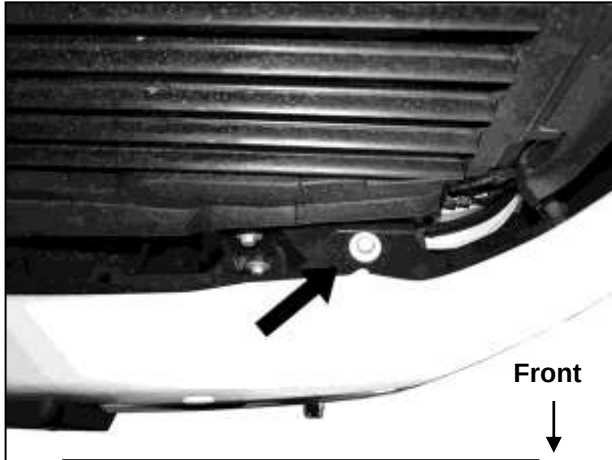


(Fig 3b) 2024-on: Firmly pull flare to expose hex bolt.

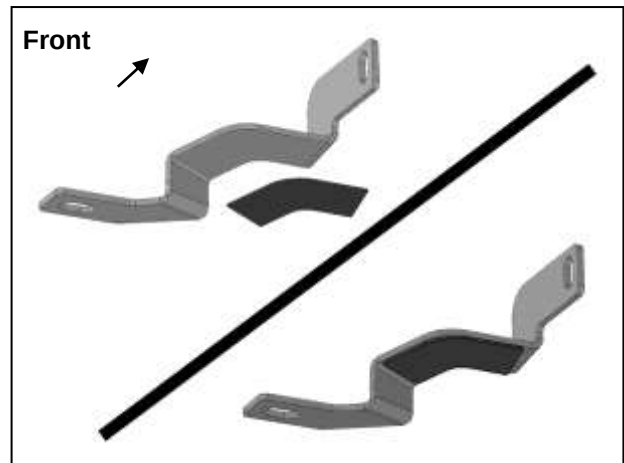


(Fig 4) Once both fascia body panels (arrows) have been loosened, remove grille

Driver/left Side Installation Pictured



(Fig 5) From above, remove factory bumper bracket bolt (arrow)



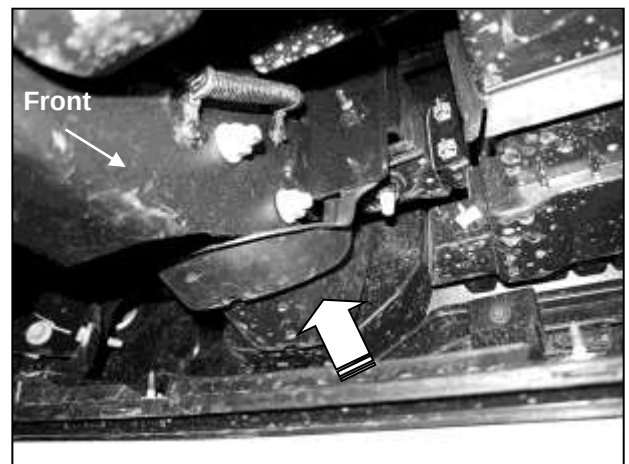
(Fig 6) Apply Foam Tape to bottom of the Top Brackets to protect the bumper (20-23 driver/left Bracket illustrated)



(Fig 7a) 2020-23 models: Reuse bumper bracket bolt to attach Driver/left Top Mounting Bracket to top of frame

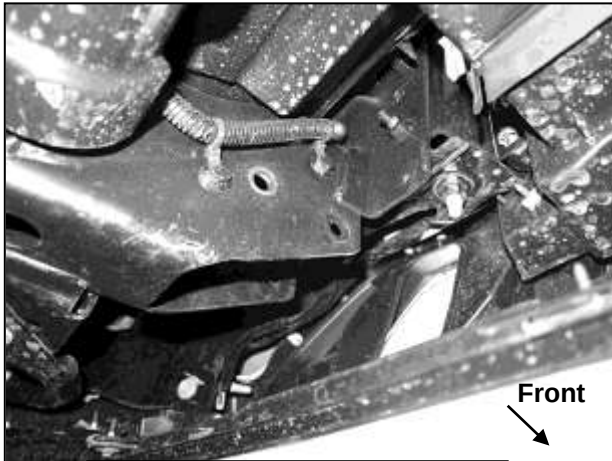


(Fig 7b) 2024-on: Reuse bumper bracket bolt to attach Driver/left Top Bracket to top of frame



(Fig 8) Remove tow hook and foam seal (driver/left pictured from below)

Driver/left Side Installation Pictured

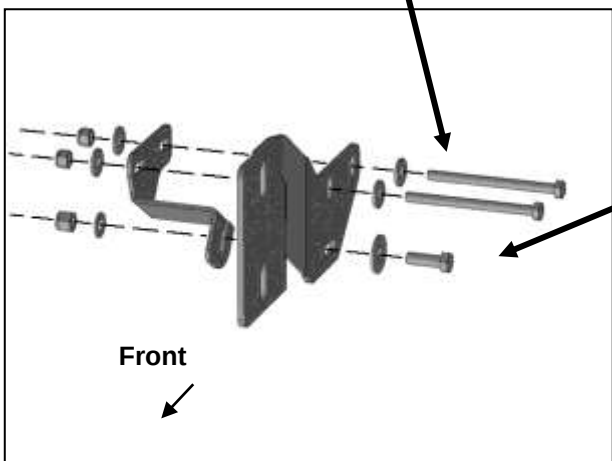


(Fig 9) Remove tow hook and foam seal (driver/left pictured)



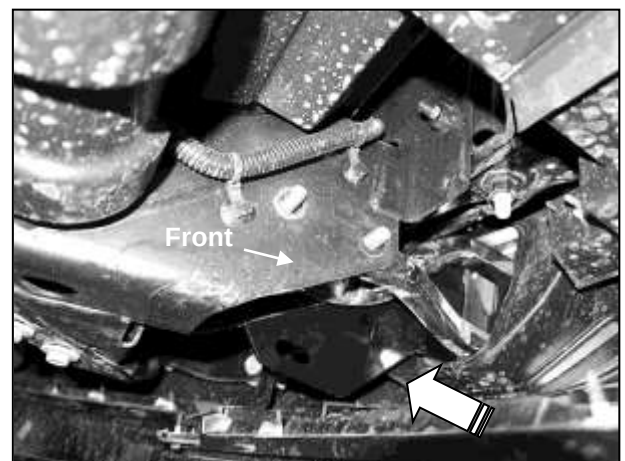
(Fig 10) Reinsert tow hook. Insert driver/left outer Frame Bracket through opening and along outside of frame

- (2) 10mm x 130mm Hex Bolts
- (4) 10mm Flat Washers
- (2) 10mm Nylon Lock Nuts



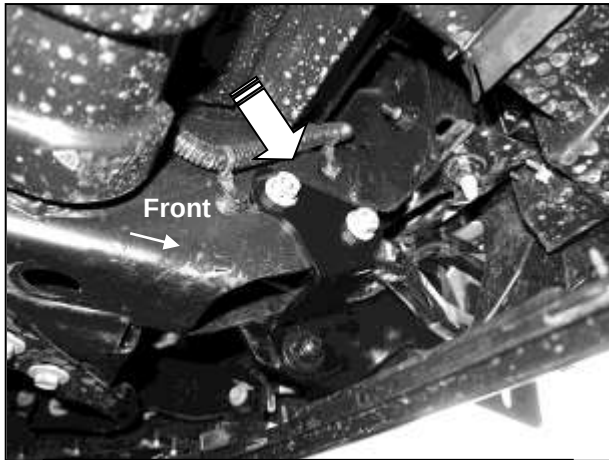
(Fig 11) Driver/left Frame Bracket and inner Support Bracket illustrated

- 12mm x 40mm Hex Bolt
- 12mm x 37mm Large Flat Washer
- 12mm x 24mm STD Flat Washer
- 12mm Nylon Lock Nut



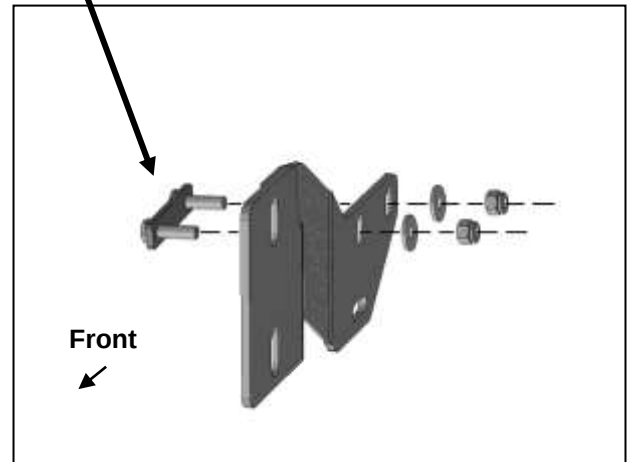
(Fig 12) Attach driver/left Frame Bracket to outside of frame (pictured from below bumper)

Driver/left Side Installation Pictured



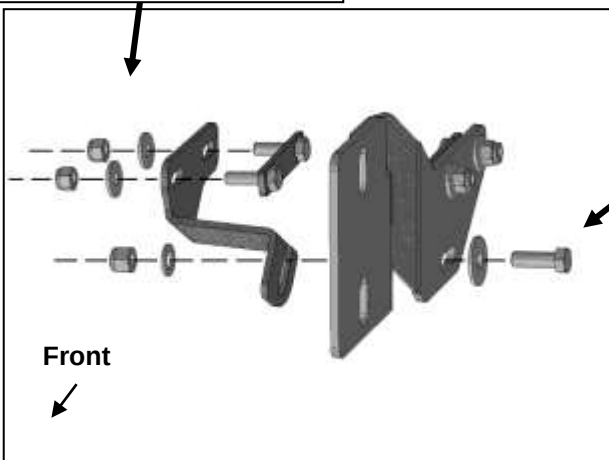
(Fig 13) Attach driver/left inner Support Bracket to inner facing side of frame

10mm Double Bolt Plate
(2) 10mm Flat Washers
(2) 10mm Nylon Lock Nuts



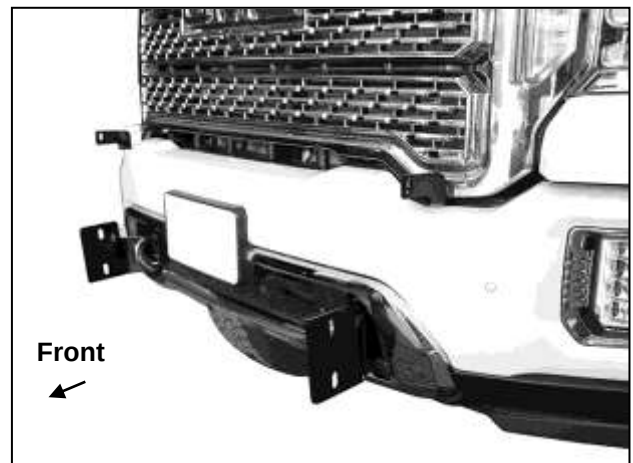
(Fig 14) Models without tow hooks, insert Double Bolt Plate into frame and out through holes. Attach driver/left Frame Bracket to Double Bolt Plate

10mm Double Bolt Plate
(2) 10mm Flat Washers
(2) 10mm Nylon Lock Nuts



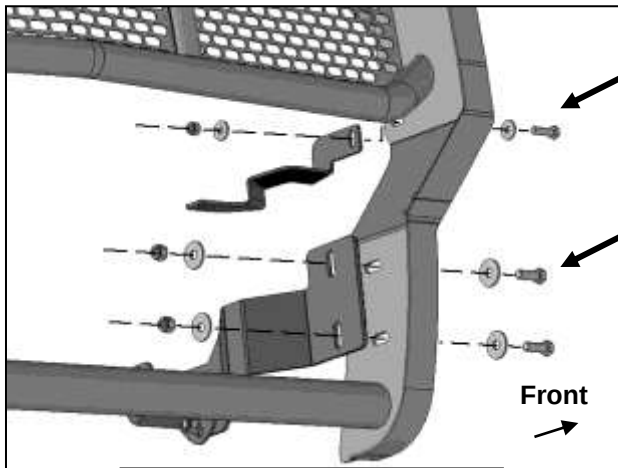
(Fig 15) Models without tow hooks, insert Double Bolt Plate into frame and out through holes. Attach driver/left inner Support Bracket to Double Bolt Plate. Attach Support Bracket to bottom of Frame Bracket

12mm x 40mm Hex Bolt
12mm x 37mm Large Flat Washer
12mm x 24mm STD Flat Washer
12mm Nylon Lock Nut



(Fig 16) Brackets installed. Do not reinstall grille until after Grille Guard has been installed, Brackets adjusted and hardware tightened to frame only (Step 10, Fig 18)

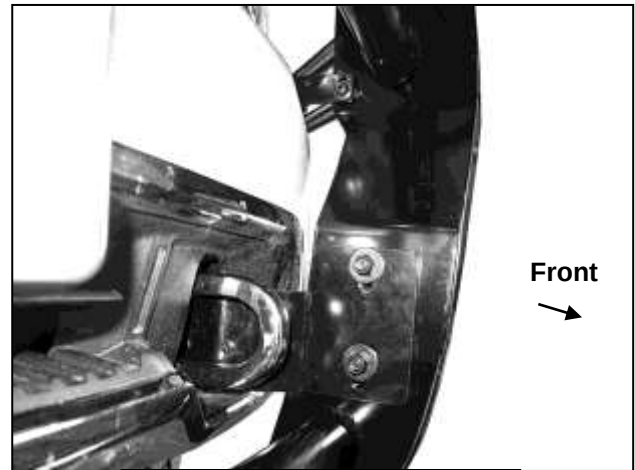
Driver/left Side Installation Pictured



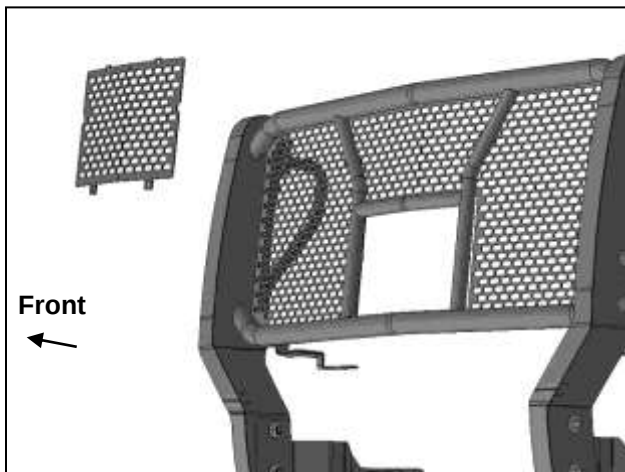
10mm x 35mm Hex Bolt
(2) 10mm Flat Washers
10mm Nylon Lock Nut

(2) 12mm x 40mm Hex Bolts
(4) 12mm Flat Washers
(2) 12mm Nylon Lock Nuts

(Fig 17) Attach Grille Guard to outside of Brackets



(Fig 18) Grille Guard installed
(driver/left side pictured)



(Fig 19) Models with grille mounted camera, remove screen from Grille Guard



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 to clean the Grille Guard.