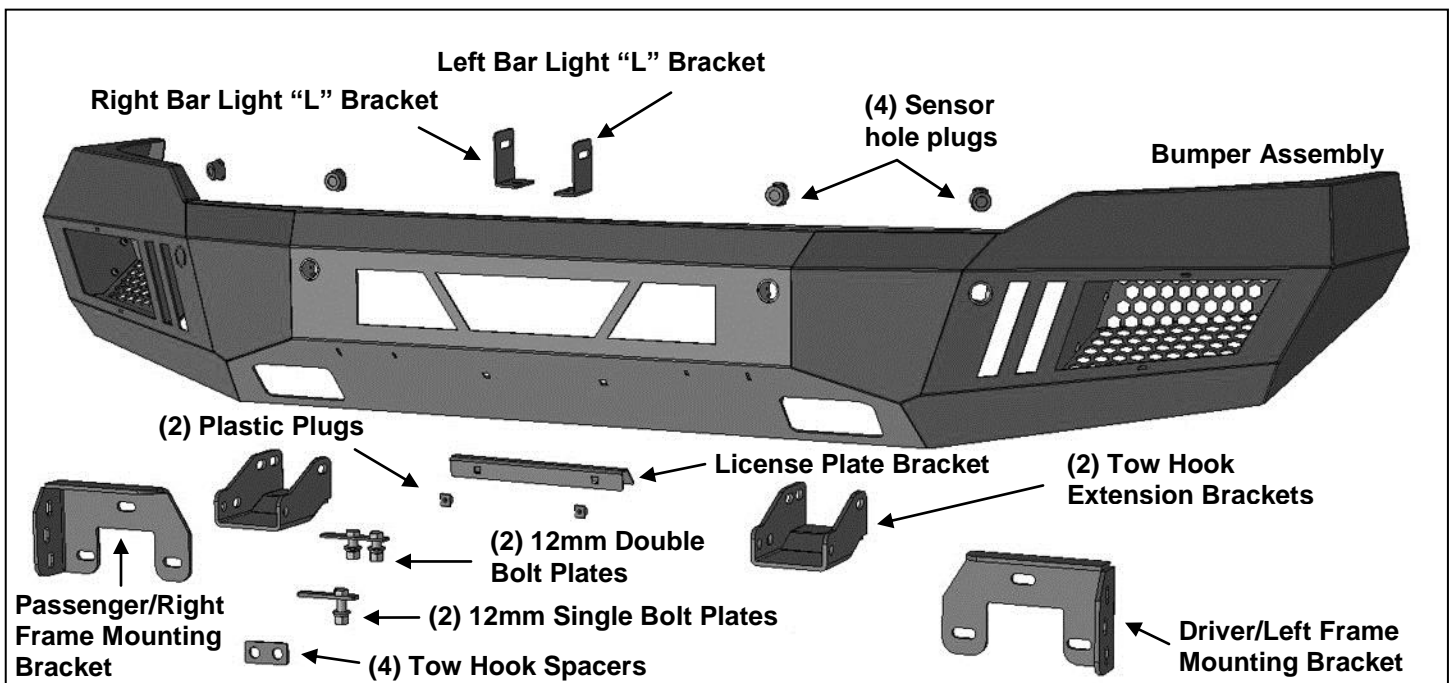


2014-2015 GMC 1500 ECO SERIES FRONT BUMPER PART #GM-19337

PARTS LIST:

1	LD1 Front Bumper Assembly	6	12mm Lock Washers
1	Driver/left Frame Mounting Bracket	6	12mm Hex Nuts
1	Passenger/right Frame Mounting Bracket	6	10-1.5mm x 35mm Hex Bolts
2	Tow Hook Extension Brackets	12	10mm x 27mm OD x 3mm Flat Washers
4	Spacers (tow hooks)	6	10mm Lock Washers
1	License Plate Bracket	6	10mm Hex Nuts
2	Plastic Plugs for License Plate	2	8mm x 25mm Hex Bolts
1	Driver/left "L" Bracket (center LED light)	2	8mm x 16mm Hex Bolts
1	Passenger/right "L" Bracket (center LED light)	6	8mm x 24mm x 2mm Flat Washers
4	Sensor Plugs	4	8mm Lock Washer
4	Retaining Ring	2	8mm Hex Nut
4	Foam Washer 20*2	2	6mm x 20mm Button Head Bolts
4	Sealing Washer	4	6mm x 18mm x 1.6 Flat Washers
1	Sensor Covers Kit	2	6mm Nylon Lock Nuts
2	12mm x 30mm Double Bolt Plates	1	6mm Wrench
2	12mm x 35mm Single Bolt Plates	8	4mm x 10mm Socket Head Screws
6	12mm x 32mm OD x 3mm Flat Washers	1	4mm Wrench
		10	Nylon Wire Ties



PROCEDURE:

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS HIGHLY RECOMMENDED TO AVOID POSSIBLE INJURY OR DAMAGE TO THE VEHICLE.

1. Remove the license plate and bracket. On models with factory fog lights and/or bumper sensors, unplug the wiring harness leading to the bumper. Move harness away from bumper.

2. Next, locate and remove the screws attaching the ends of the plastic body panel, (fascia), to the fenders, **(Figure 1)**. **NOTE:** Fascia body panel fills the area between the headlights and the top of the bumper and must be removed to access the top bumper bracket bolts. From behind the bumper, release the clips attaching the fascia panel to the bottom of the grille and remove the panel, **(Figure 2)**.
3. From behind the bumper, remove the outer bumper supports on each side of the frame.
4. Place blocks or jack stands under the front bumper to support it during mounting bolt removal. Once the bumper has been safely supported, remove the bumper bolts attaching the bumper assembly to the frame bracket bolted to the end of the frame, **(Figure 3)**. **WARNING!** Assistance is required to hold the bumper in place during bolt removal to prevent the bumper from falling. Carefully slide the bumper assembly with brackets off of the ends of the frame.
5. Once bumper has been removed, reinstall the plastic fascia cover removed in **Step 2**.
6. Remove both bumper brackets and tow hooks, (if equipped), from the ends of the frame, **(Figure 3)**.
7. Select the passenger/right Frame Bracket. Reuse the (3) factory bumper bolts to attach the Frame Bracket to the threaded bumper mount, **(Figure 4)**. Do not fully tighten hardware at this time.
8. Repeat **Step 7** to install the driver/left side Frame Bracket.

Models without tow hooks, skip ahead to Step 12.

Models with tow hooks, follow, Steps 9—11

9. Models with tow hooks, select (1) Single Bolt Plate and (1) Double Bolt Plate, **(Figure 5)**. Select (1) Tow Hook Extension Bracket, **(Figure 7)**. Slide the Bracket over the end of the frame. Line up the slots in the Bracket with the factory tow hook mounting holes. Insert the Bolt Plates into the open end of the frame and out through the holes for the tow hook hardware. Secure the Bracket to the Bolt Plates with (3) 12mm Flat Washers, (3) 12mm Lock Washers and (3) 12mm Hex Nuts, **(Figures 4—7)**. Do not fully tighten at this time.
10. Select (1) tow hook. Place the tow hook on top of the Extension Bracket. Slide (1) Spacer Plate between each side of the tow hook and the Bracket. Reuse the factory hardware to attach the tow hook to the Extension Bracket, **(Figure 7)**. Fully tighten tow hook and Extension Bracket hardware only. Do not tighten Frame Bracket hardware at this time.
11. Repeat **Steps 9 & 10** to install the driver/left side Extension Bracket and tow hook.
12. Determine if the vehicle is equipped with front sensors:

Models without bumper sensors:

- a. Select the included (4) Rubber Plugs, **(Figure 8)**.
- b. From behind bumper, push plugs into sensor mounting holes, **(Figure 8)**. Screws have been provided to lock the plugs in the sleeve. Use is optional.

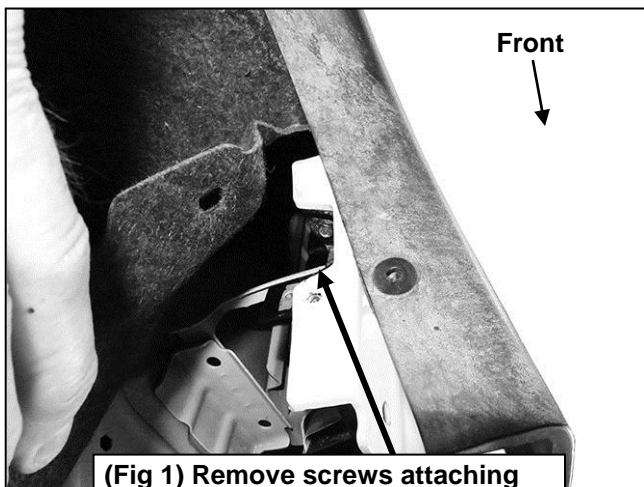
Models with bumper mounted sensors:

- a. Unplug and remove sensors and wiring harness from factory bumper. Test fit sensor in sleeve. It may be necessary to cut or grind off the tabs on the sides of the sensor to fit into the sleeve.
 - b. Remove the silicone seal from the end of the sensor. Slide the included larger Sensor Seal over front of sensor, **(Figure 9)**.
 - c. Insert sensor with Seal into sensor mount, **(Figure 10)**.
 - d. Place Foam Washer over end of sensor. Push Sensor Retaining Clip into sensor mount and lock into mounting holes, **(Figure 10)**.
 - e. Repeat previous Steps to install remaining sensors.
 - f. Install wiring harness for sensors.
 - g. **Optional:** Secure each sensor to the socket with (2) 4mm x 10mm Button Head Screws, **(Figure 8)**. **IMPORTANT:** Sensors fit snug in sockets. The 4mm Screws are used to apply slight pressure to lock the sensors in place. Tighten both screws evenly until they touch the sensor body only. Do not overtighten screws or damage to sensors will result.
13. If front license plate is required, attach the License Plate Bracket to the holes in the bumper with the included (2) 6mm x 20mm Button Head Screws, (4) 6mm Flat Washers and (2) 6mm Nylon Lock Nuts. Insert (2) Plastic Plugs into the square holes in the Bracket. Reuse the factory screws to attach the license plate to the plastic plugs, **(Figure 11)**.

14. **Center LED light installation** (sold separately).
 - a. Select the L/R “L” Brackets, **(Figure 12)**. Attach the Brackets to the top of the (2) mounting tabs welded onto the back of the bumper with the included 8mm x 25mm Hex Bolts, (4) 8mm Flat Washers, (2) 8mm Lock Washers and (2) 8mm Hex Nuts. Leave loose at this time.
 - b. Attach the LED light assembly to the “L” Brackets with the included (2) 8mm x 16mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers, **(Figure 12)**. Do not fully tighten hardware at this time. **IMPORTANT:** “L” Brackets are designed for 8mm light mounting hardware only. Modify “L” Brackets if necessary or use brackets supplied by your light manufacturer if possible to install hardware larger than 8mm.
 - c. Follow light manufacturer’s instructions to properly wire the light.
15. **LED light installation at ends of bumper** (sold separately).
 - a. Insert light into opening and up to mounting slots in the top of the passenger/right light opening.
 - b. Check for clearance between front and back of light. If necessary, remove the screen from the back of the opening, **(Figure 13)**.
 - c. Follow the light manufacturer’s instructions to attach (1) light to the center slot or (2) lights to the inner and outer slots in the top of the light opening. **IMPORTANT:** On two light systems with (1) flood and (1) spot light per side, attach the flood light to the outer and the spot light to the inner slot.
 - d. Repeat the above steps for driver/left side light installation.
 - e. Follow light manufacturer’s instructions to properly wire the light.
16. With assistance, position the Bumper Assembly up to and over the Frame Brackets. Temporarily support the weight of the Bumper. **WARNING:** To avoid possible injury or damage to the vehicle, do not proceed until the Bumper is fully and safely supported.
17. Line up the (3) holes in the passenger/right side mounting plate on the back of the Bumper with the (3) slots in the Frame Bracket. Attach the Bumper to the Bracket with the included (3) 10mm x 35mm Hex Bolts, (6) 10mm Flat Washers, (3) 10mm Lock Washers and (3) 10mm Hex Nuts, **(Figures 14 & 15)**. Do not fully tighten hardware at this time. Repeat this **Step** to attach the driver/left side of the Bumper to the Frame Bracket.
18. Level and adjust the bumper and fully tighten all hardware.
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 to clean the Front Bumper assembly.

Passenger/Right Side Installation Pictured

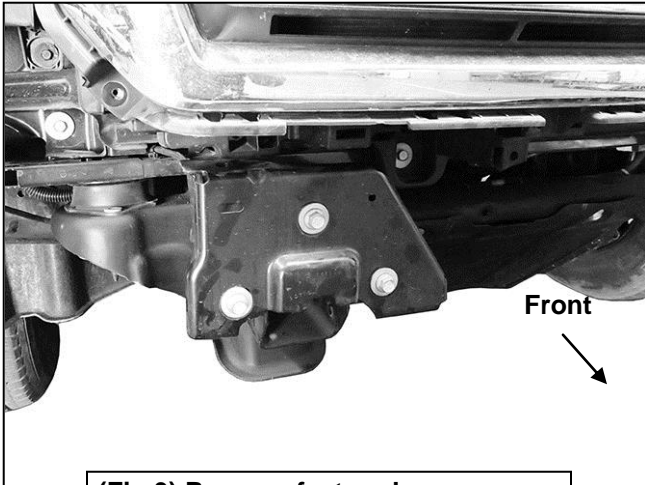


(Fig 1) Remove screws attaching end of fascia to inner front fender



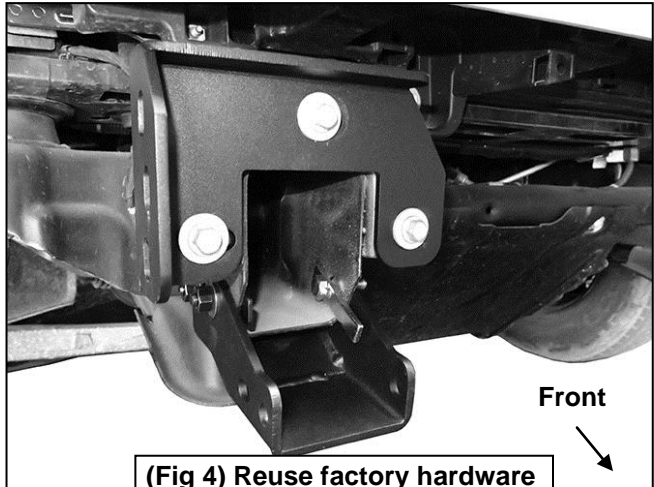
(Fig 2) Remove plastic fascia panel to access hardware attaching bumper to top of bracket

Passenger/Right Side Installation Pictured

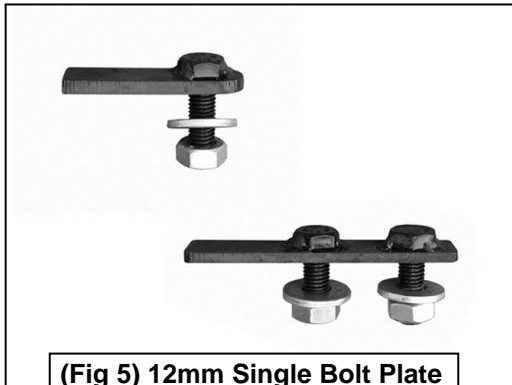


(Fig 3) Remove factory bumper brackets and tow hooks if equipped

WARNING! Do not crawl under bumper unless the bumper is properly supported on blocks or stands or the bumper may fall.



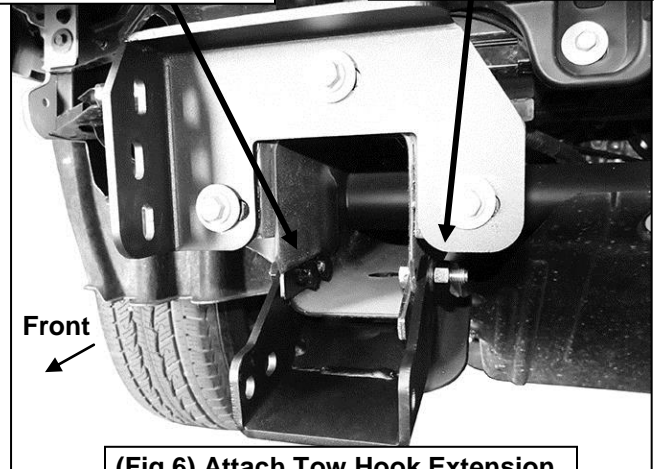
(Fig 4) Reuse factory hardware to attach Frame Bracket



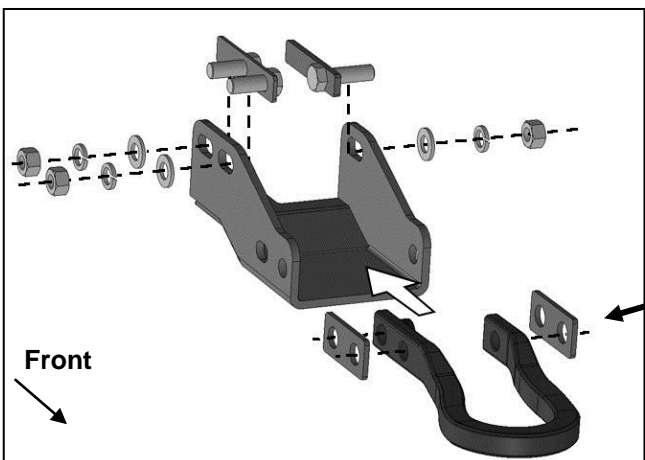
(Fig 5) 12mm Single Bolt Plate and 12mm Double Bolt Plate

Double Bolt Plate
(2) 12mm Flat Washers
(2) 12mm Lock Washers
(2) 12mm Hex Nuts

Single Bolt Plate
12mm Flat Washer
12mm Lock Washer
12mm Hex Nut



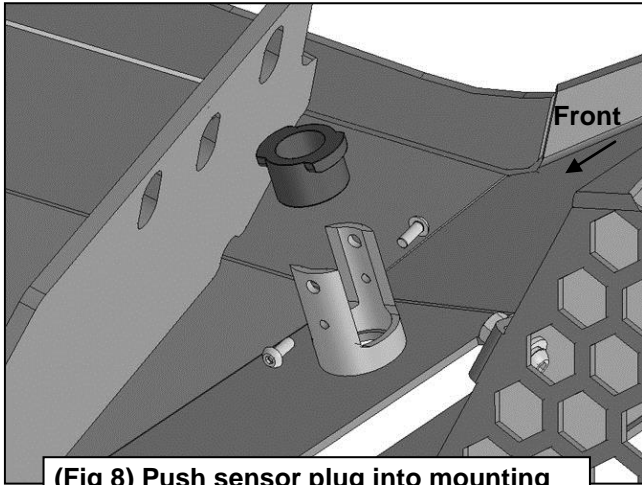
(Fig 6) Attach Tow Hook Extension Bracket to bottom of frame



(Fig 7) Slide Spacer between each side of tow hook. Attach tow hook to Bracket with factory hardware.

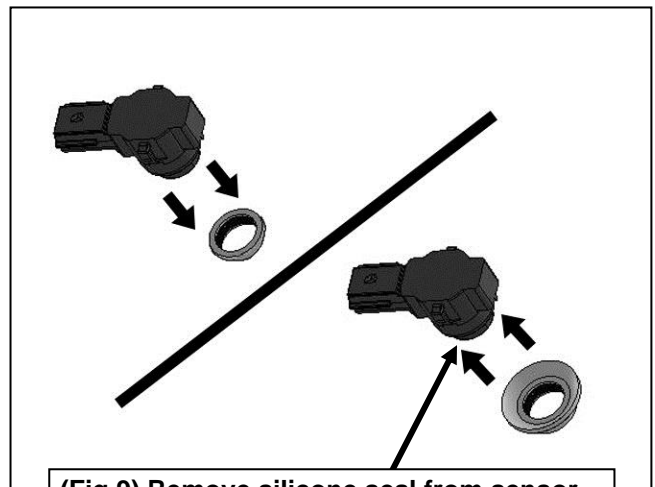
Insert Spacer between sides of tow hook and Bracket

Passenger/Right Side Installation Pictured

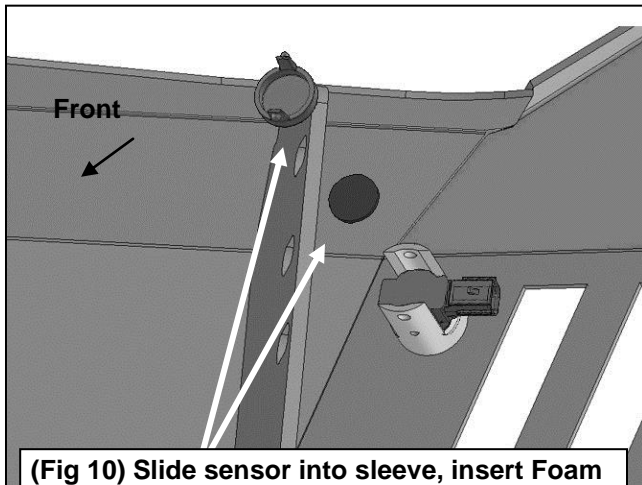


(Fig 8) Push sensor plug into mounting sleeve. Use of 4mm Screws is optional

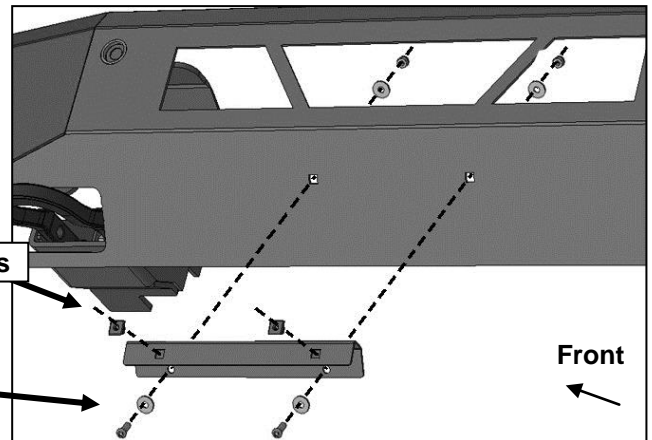
IMPORTANT: Sensors fit snug in sockets. The 4mm Screws are only used to apply slight pressure to lock the sensors in place. Tighten both screws evenly until they touch the sensor body only. Do not overtighten screws or damage to sensors will result.



(Fig 9) Remove silicone seal from sensor. Slide large Seal over end of sensor (arrow)



(Fig 10) Slide sensor into sleeve, insert Foam Washer and Clip to lock sensor in sleeve

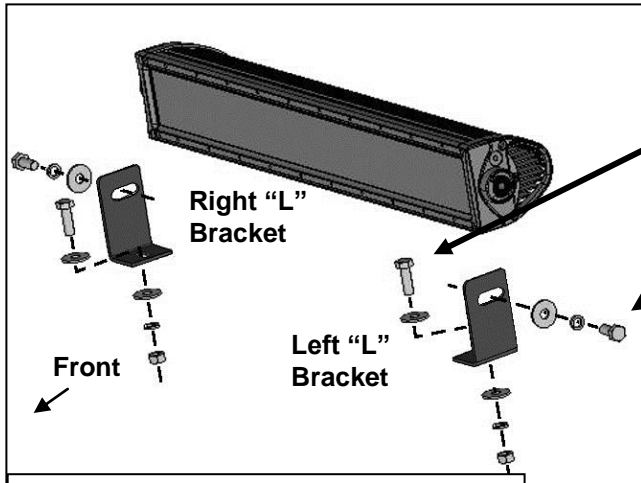


(2) Nylon Nuts

- (2) 6mm x 20mm Button Head Screws
- (4) 6mm Flat Washers
- (2) 6mm Nylon Lock Nuts

(Fig 11) Attach License Plate Bracket to Bumper

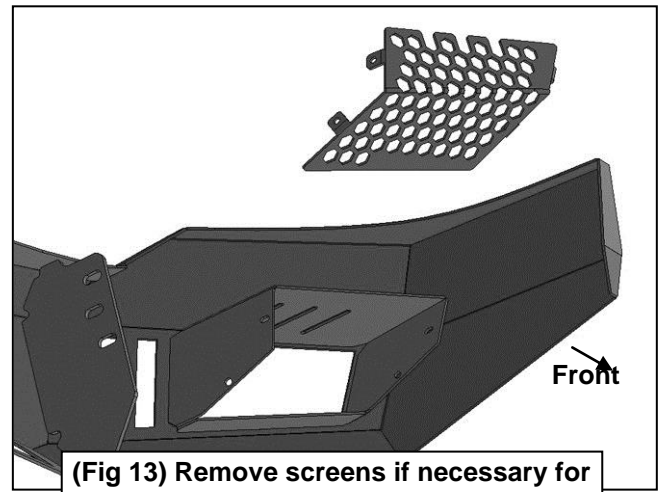
Passenger/Right Side Installation Pictured



- (2) 8mm x 25mm Hex Bolts
- (4) 8mm Flat Washers
- (2) 8mm Lock Washers
- (2) 8mm Hex Nuts

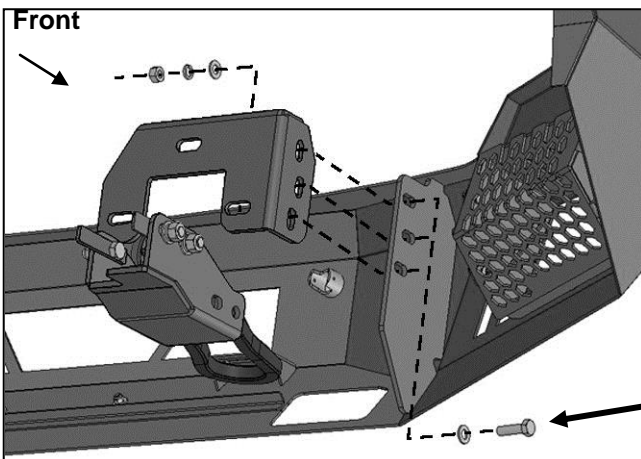
- (2) 8mm x 16mm Hex Bolts
- (2) 8mm Lock Washers
- (2) 8mm Flat Washers

(Fig 12) Typical center light installation



(Fig 13) Remove screens if necessary for clearance/access to outer light mounts

WARNING! Do not crawl under bumper unless the bumper is properly supported on blocks or stands or the bumper may fall.

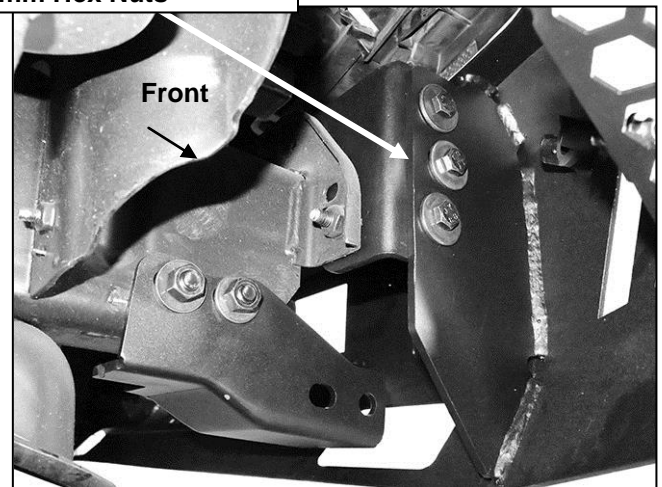


(Fig 14) Attach the Bumper to Frame Bracket

- (3) 10mm x 35mm Hex Bolts
- (6) 10mm Flat Washers
- (3) 10mm Lock Washers
- (3) 10mm Hex Nuts



Complete Installation



(Fig 15) Attach Bumper to Frame Brackets