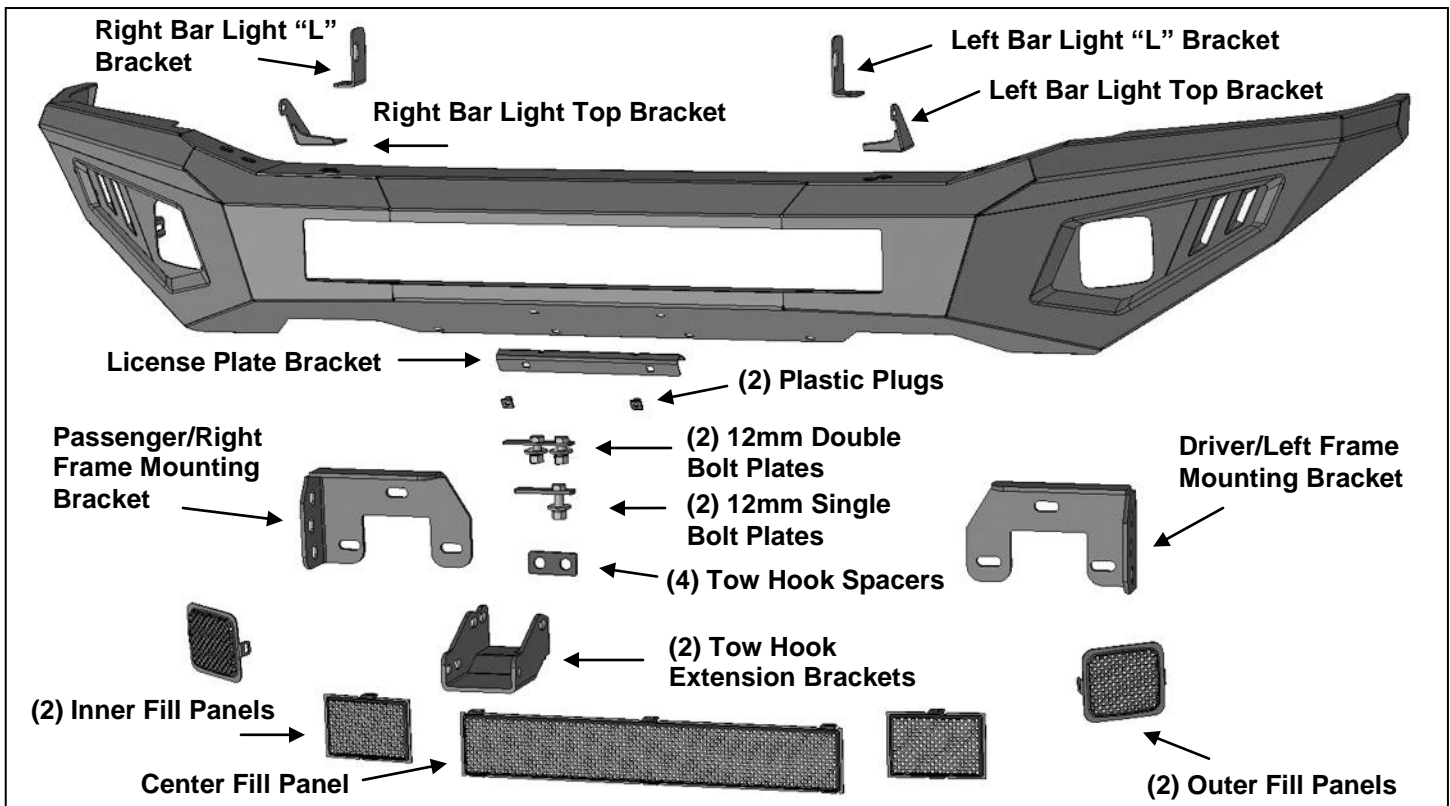


**LD2 FRONT BUMPER
2014-15 GMC SIERRA 1500**

PARTS LIST:

1	LD2 Front Bumper Assembly	6	12mm Hex Nuts
1	Long Center Fill Panel	6	10-1.5mm x 35mm Hex Bolts
2	Small Inner Fill Panels	12	10mm x 27mm OD x 3mm Flat Washers
2	Small Outer Fill Panels	6	10mm Lock Washers
1	Driver/left Frame Mounting Bracket	6	10mm Hex Nuts
1	Passenger/right Frame Mounting Bracket	6	8mm x 25mm Button Head Bolts
2	Tow Hook Extension Brackets	2	8mm x 16mm Hex Bolts
4	Spacers (tow hooks)	14	8mm x 24mm x 2mm Flat Washers
1	Driver/left Light Bar Bracket (Top LED light)	8	8mm Lock Washer
1	Passenger/right Light Bar Bracket (Top LED light)	6	8mm Hex Nut
1	Driver/left "L" Light Bracket (Inner LED light)	14	6mm x 20mm Button Head Combo Bolts
1	Passenger/right "L" Light Bracket (inner LED light)	14	6mm Flange Nuts
1	License Plate Bracket	2	6mm x 20mm Button Head Bolts
2	Plastic Plugs for License Plate	2	6mm x 16mm Hex Bolts
2	14-2.0mm x 140mm Hex Bolts	6	6mm x 18mm x 1.6 Flat Washers
4	14mm x 28mm x 2.5mm Flat Washers	2	6mm Lock Washers
2	14mm Nylon Hex Nuts	2	6mm Nylon Lock Nuts
2	12mm x 30mm Double Bolt Plates	1	4mm Wrench
2	12mm x 40mm Single Bolt Plates	1	5mm Wrench
6	12mm x 32mm OD x 3mm Flat Washers	10	Nylon Wire Ties
6	12mm Lock Washers		



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.

**LD2 FRONT BUMPER
2014-15 GMC SIERRA 1500**

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 front of 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 bumper supports attaching the ends of the bumper to the outside 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, from above, 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 4)**.
7. Select the passenger/right Frame Bracket. Reuse the (3) factory bumper bolts to attach the Frame Bracket to the threaded bumper mount, **(Figures 5 & 6)**. Do not fully tighten hardware.
8. Repeat **Step 7** to install the driver/left side Frame Bracket.
9. Determine if vehicle is equipped with tow hooks.

Models without tow hooks, skip ahead to Step 10.

Models with tow hooks:

- a. Select (1) Single Bolt Plate and (1) Double Bolt Plate, **(Figure 7)**. Select (1) Tow Hook Relocation Bracket, **(Figure 8)**. Slide the Bracket over the end of the frame.
- b. 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, **(Figure 8)**. Do not fully tighten at this time.
- c. Select (1) tow hook. Place the tow hook on top of the Relocation 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 Bracket, **(Figure 9)**. Fully tighten tow hook and Bracket hardware only. Do not tighten Frame Bracket hardware at this time.
- d. Repeat the previous **Steps** to install the driver/left Bracket and tow hook, **(Figure 10)**.
10. Carefully unwrap the Bumper assembly. Determine if accessory lights, (not included), or Screen Fill Panels will be installed at this time. **IMPORTANT:** It may be easier to install Center Fill Panels and/or lights before installing Bumper.

Screen Fill Panel Installation (do not install fill panels if installing lights).

- a. Select desired Screen Fill Panels. **NOTE:** Outer Panels are square with rounded corners, Inner panels are rectangular with sharp corners, **(Figure 11)**.
- b. Attach Screen Fill Panels as needed with the included 6mm Button Head Combo Bolts and 6mm Flange Nuts, **(Figure 11)**. Fully tighten Fill Panel hardware at this time. Repeat to install all Panels as desired.

Inner center LED bar style light installation (light not included).

- a. Select the driver/left "L" Light Bar Bracket, **(Figure 12)**. **NOTE:** "L" Brackets are offset to adjust for different widths of LED Bar Lights and can be installed on either side as needed.
- b. Attach the L Bracket to the slot on the back of the Bumper with (1) 8mm x 25mm Button Head Bolt, (2) 8mm Flat Washers, (1) 8mm Lock Washer and (1) 8mm Hex Nut, **(Figures 12 & 13)**. Repeat this Step to install the remaining "L" Bracket on the other side of the Bumper. **IMPORTANT:** The Bumper features slots designed for 20" and 30" bar style lights. Attach the Brackets to the correct slots in the Bumper, **(Figure 13)**. If necessary, hold the light up to the slots to help determine correct slots to use and combination of Brackets.
- c. Attach the light to the "L" Brackets with the hardware included with the light or the supplied (2) 8mm x 16mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers or (2) 6mm x 16mm Hex Bolts, (2) 6mm Lock Washers and (2) 6mm Flat Washers, **(Figures 12 & 13)**. Do not fully tighten hardware at this time.

Top mounted 30" bar style LED light (not included).

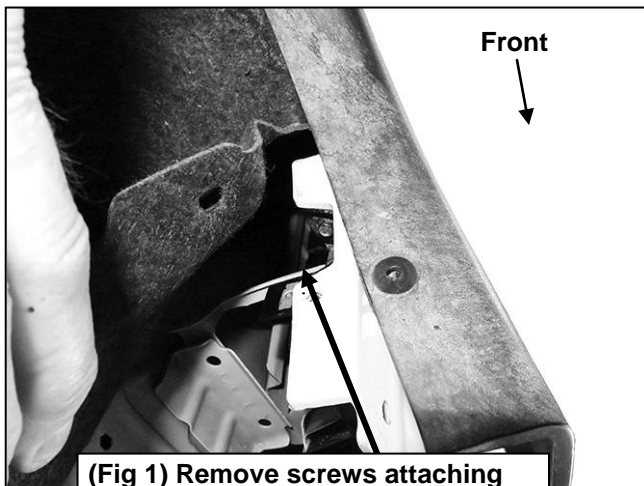
- a. Remove the (2) rubber plugs from the passenger/right side mounting holes, **(Figure 14)**.
- b. Select the driver/left Light Bracket. Attach the Bracket to the top of the Bumper with (2) 8mm x 25mm Button Head Bolts, (4) 8mm Flat Washers, (2) 8mm Lock Washers and (2) 8mm Hex Nuts, **(Figure 14)**. Do not tighten hardware at this time.
- c. Repeat previous Steps to attach the driver/left Bracket.
- d. Select the 30" light, (not included). Attach light to Top Brackets with the hardware included with the light. Adjust the width of the Brackets to the light and fully tighten bracket hardware.
IMPORTANT: Top Light Brackets are designed to install 30" bar style LED lights with outside length dimensions of 31.653" (804mm) to 32.44" (824mm) only, **(Figure 15)**. Fully tighten top light hardware once adjusted.

Outer LED cube style light installation (light not included).

- a. Attach lights to mounting tabs on back of each end of the Bumper, **(Figures 16 & 17)**.
11. 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.
12. 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 16 & 17)**. Do not fully tighten hardware at this time. Repeat this **Step** to attach the driver/left side of the Bumper to the Frame Bracket.
13. Level and adjust the bumper and fully tighten all hardware.
14. 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 Bolts, (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 18)**.
15. 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 Front Bumper assembly.

Passenger/Right Side Installation Pictured

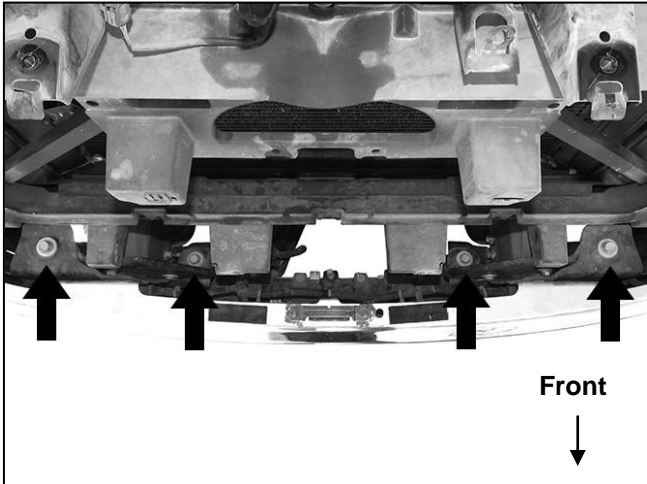


(Fig 1) Remove screws attaching end of fascia to inner front fender



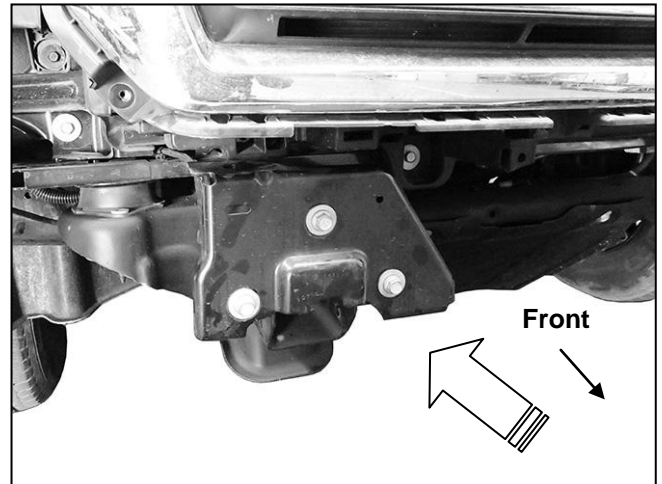
(Fig 2) Remove plastic fascia panel to access hardware attaching bumper to top of bracket

Passenger/Right Side Installation Pictured

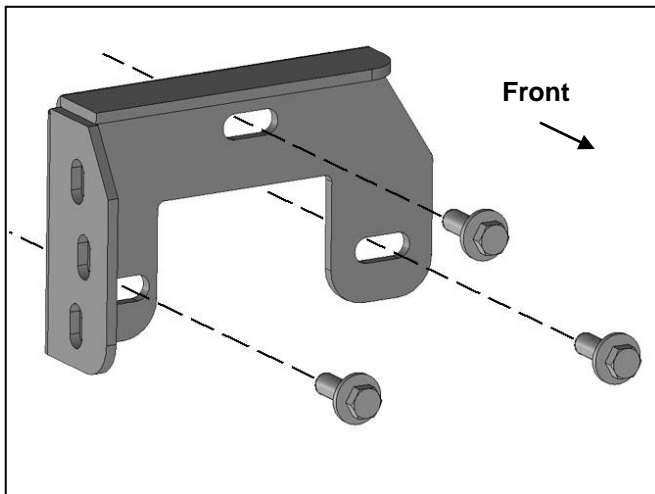


(Fig 3) From above, remove the bumper bolts. NOTE, it may be slightly easier to reach bumper bolts with grille removed as pictured

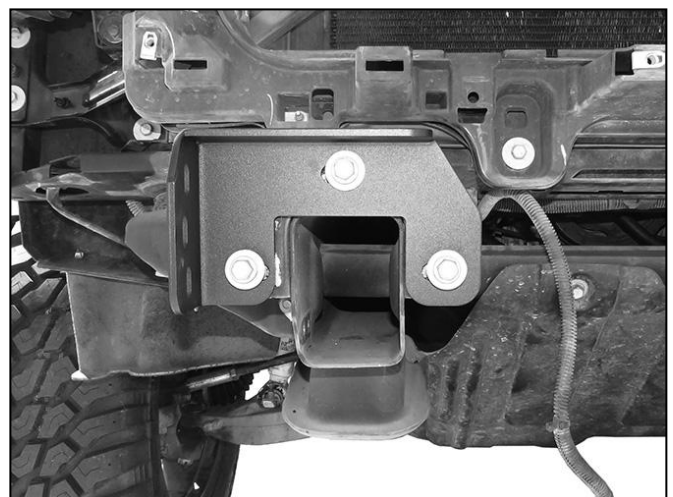
WARNING! Do not crawl under bumper unless the bumper is properly supported on blocks or stands or the bumper may fall.



(Fig 4) Remove factory bumper brackets and tow hooks if equipped



(Fig 5) Reuse factory hardware to attach Frame Bracket



(Fig 6) Passenger/right Mounting Bracket installed

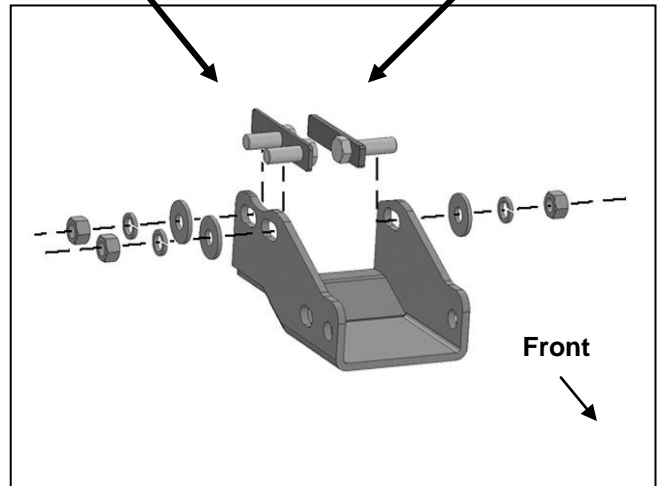
Passenger/Right Side Installation Pictured



(Fig 7) 12mm Single Bolt Plate and 12mm Double Bolt Plate

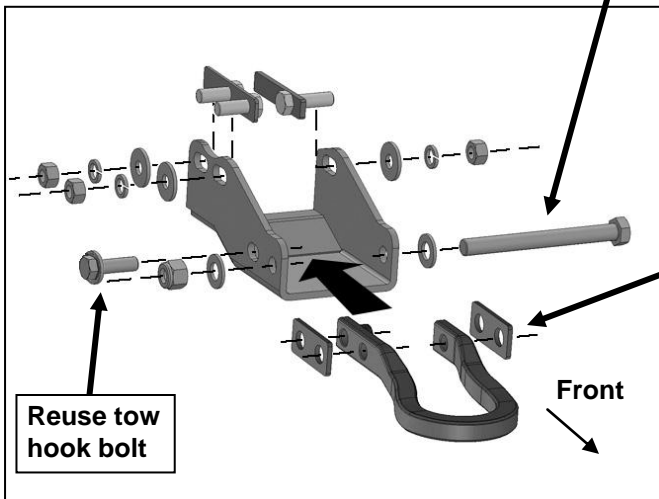
Double Bolt Plate
(2) 12mm Flat Washers
(2) 12mm Lock Washers
(2) 12mm Hex Nuts

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



(Fig 8) Models equipped with tow hooks, attach Relocation Bracket to bottom of frame

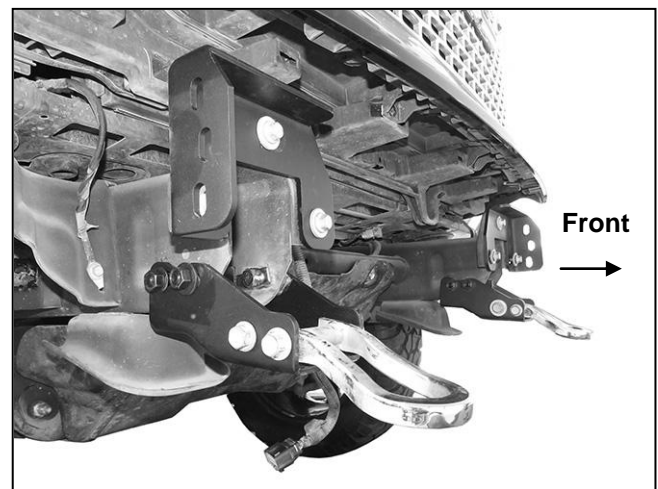
14mm x 140mm Hex Bolt
(2) 14mm Flat Washers
14mm Nylon Lock Nut



Reuse tow hook bolt

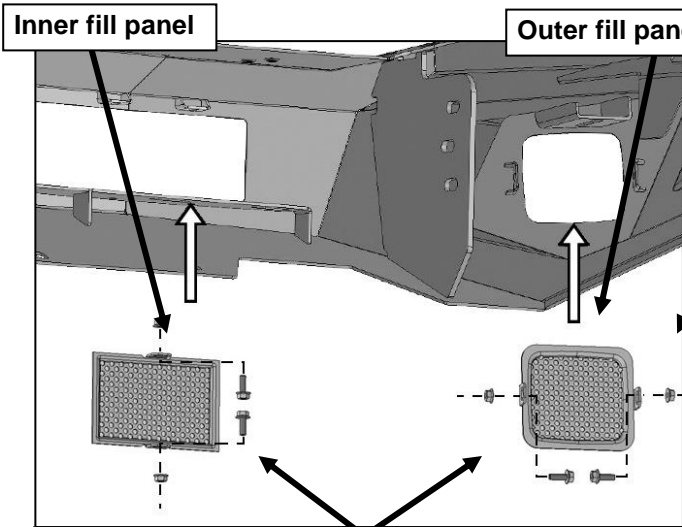
(Fig 9) Slide Spacer between each side of tow hook. Attach tow hook to Relocation Bracket

Insert Spacers between sides of tow hook and Bracket



(Fig 10) Brackets and tow hooks installed

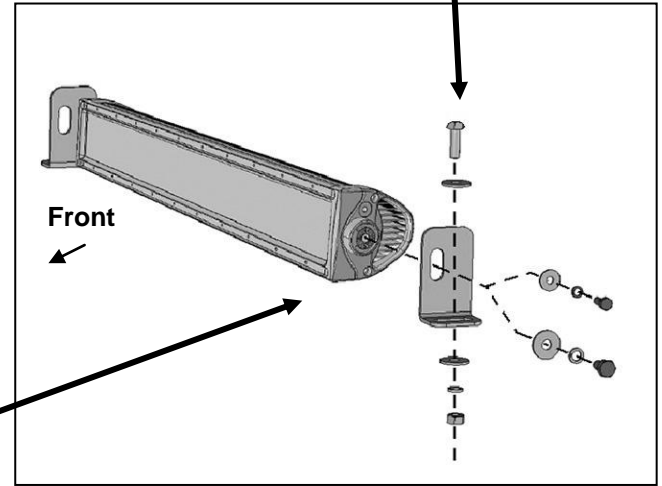
Passenger/Right Side Installation Pictured



(Fig 11) Attach Mesh Fill Panels as desired to fill unused openings for lights (lights not included)

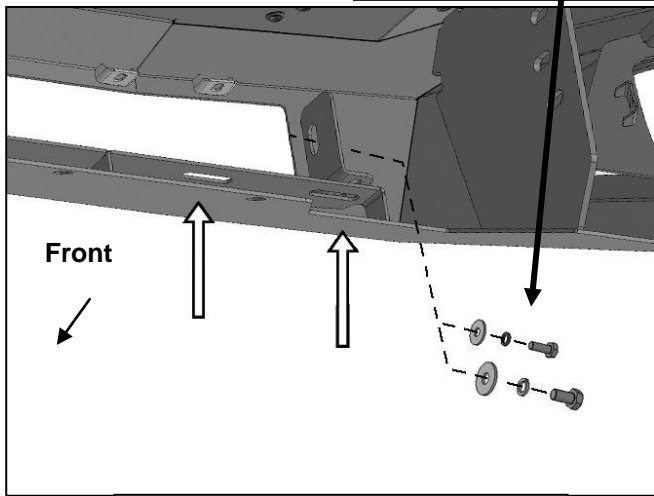
- 6mm Button Head Combo Bolts
- 6mm Flange Hex Nuts

- 8mm x 25mm Button Head Bolt
- (2) 8mm Flat Washers
- 8mm Lock Washer
- 8mm Hex Nut



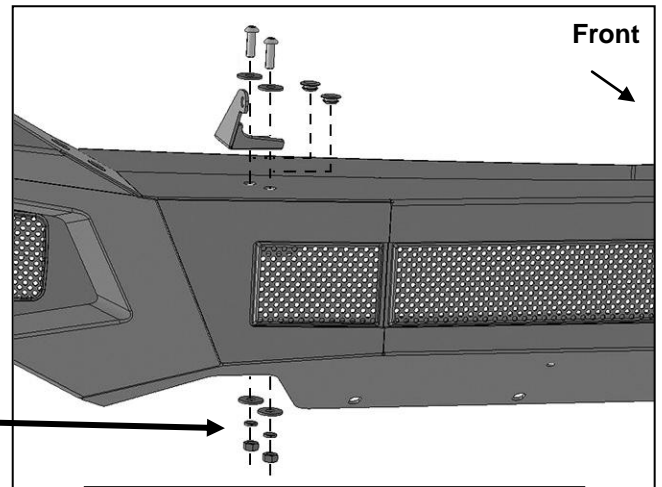
(Fig 12) Bracket illustration is a suggestion only. Brackets are offset to allow adjustment for all widths of lights

- 6mm x 16mm Hex Bolt
- 6mm Lock Washer
- 6mm Flat Washer
- Or
- 8mm x 16mm Hex Bolt
- 8mm Lock Washer
- 8mm Flat Washer



(Fig 13) Note multiple slots for different widths of lights (arrows)

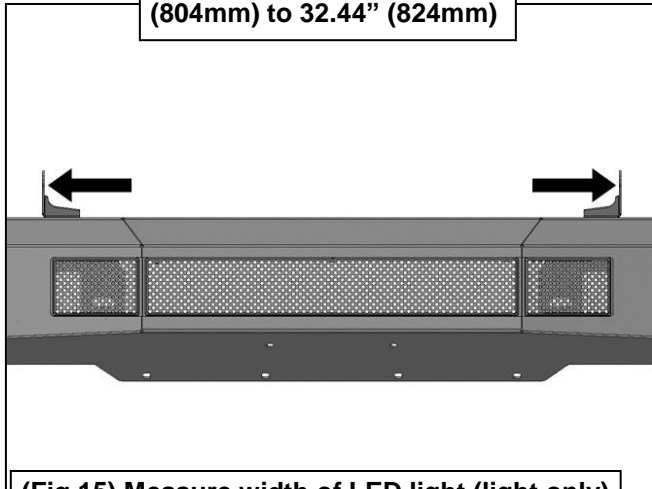
- (2) 8mm x 25mm Button Head Bolts
- (4) 8mm Flat Washers
- (2) 8mm Lock Washers
- (2) 8mm Hex Nuts



(Fig 14) Remove rubber plugs to attach Top Light Bracket to Bumper

Passenger/Right Side Installation Pictured

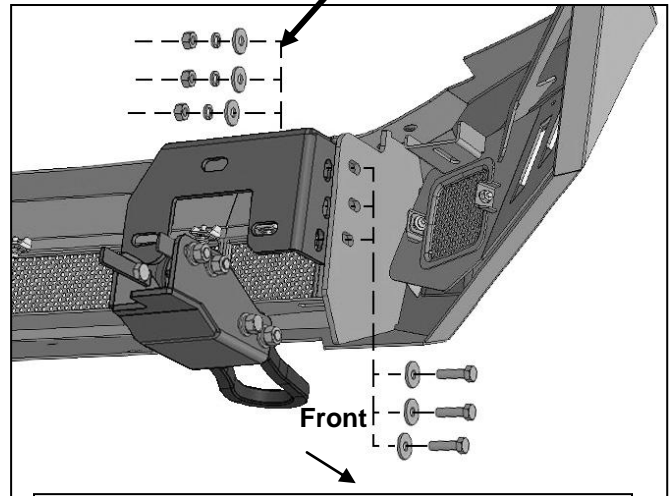
Top Light bracket mounting location is designed for light assembly 31.65" (804mm) to 32.44" (824mm)



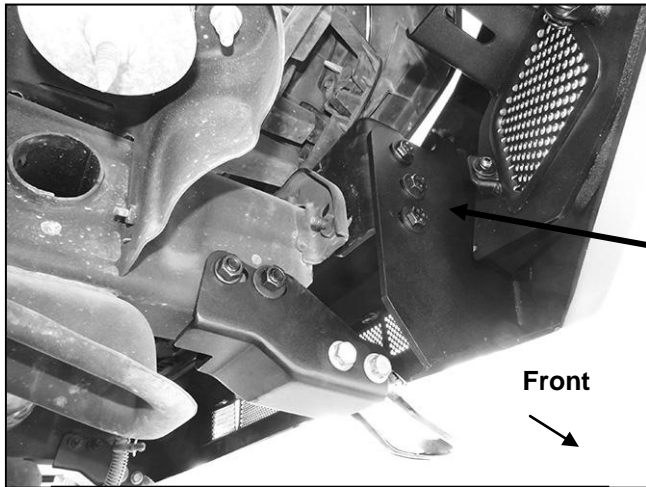
(Fig 15) Measure width of LED light (light only) before installation of Top Light Brackets

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

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

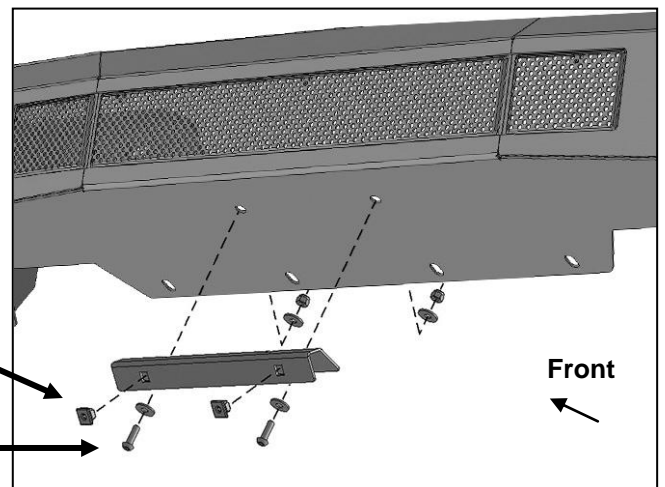


(Fig 16) Attach the Bumper to Frame Bracket



(Fig 17) Attach Bumper to Frame Brackets

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



(Fig 18) Attach License Plate Bracket to Bumper

- (2) Plastic Plugs

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