

INSTALLATION INSTRUCTIONS

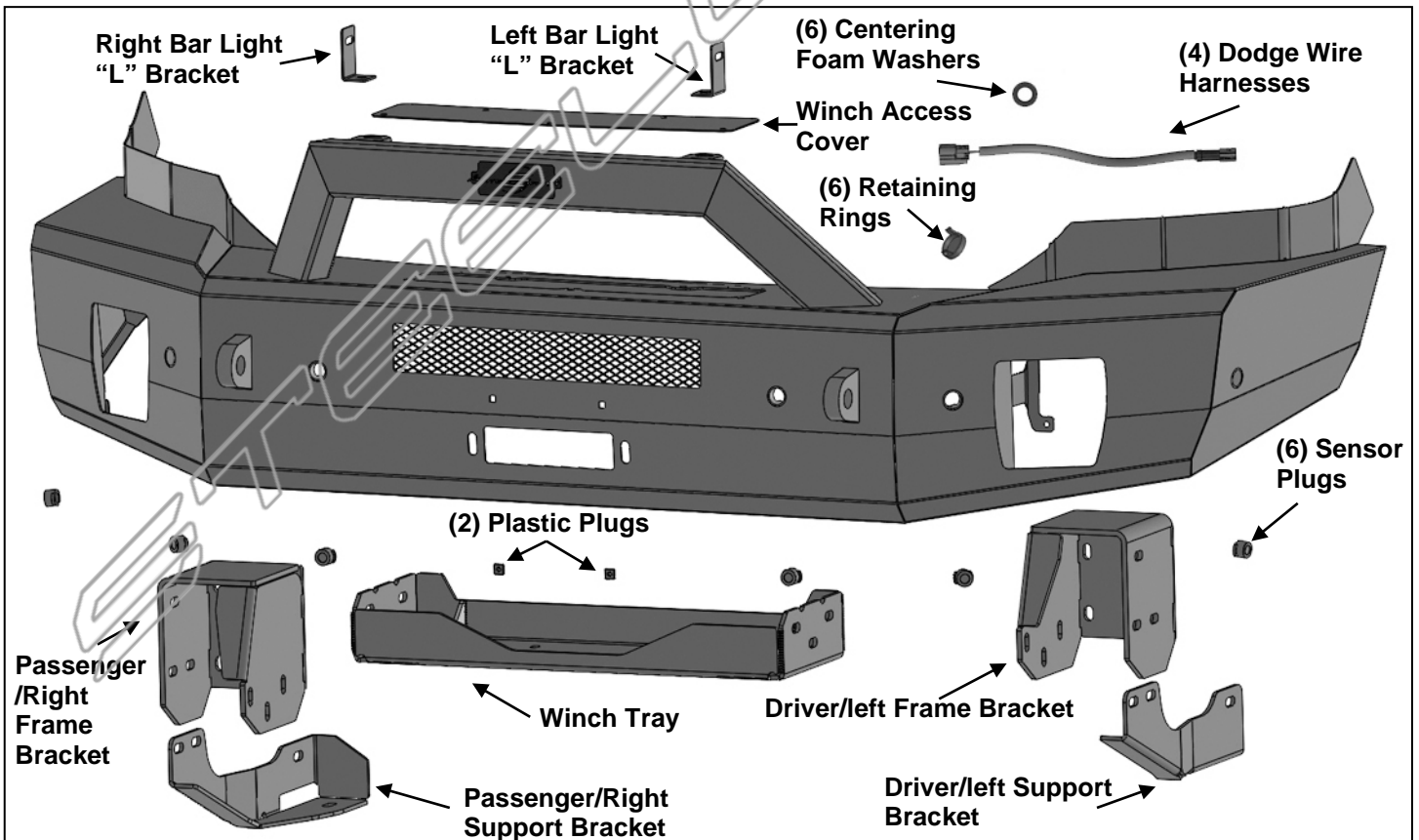
**ELEVATION BULL NOSE FRONT BUMPER
2013-17 RAM 1500**

STEEL CRAFT

**ELEVATION BULL NOSE FRONT BUMPER
2013-17 RAM 1500**

PARTS LIST:

1	Elevation Bull Nose Front Bumper Assembly	2	12mm x 44mm x 4mm Flat Washers
1	Driver/left Frame Mounting Bracket	40	12mm x 37mm x 3mm Flat Washers
1	Passenger/right Frame Mounting Bracket	2	12mm Lock Washers
1	Driver/left side Support Bracket	20	12mm Nylon Lock Nuts
1	Passenger/right Side Support Bracket	2	10mm x 40mm Hex Bolts
1	Driver/left "L" Bracket (center LED light)	4	10mm x 30mm x 2.5mm Flat Washers
1	Passenger/right "L" Bracket (center LED light)	2	10mm Nylon Lock Nuts
1	Winch Tray	2	8mm x 25mm Hex Bolts
1	Winch Access Cover	2	8mm x 16mm Hex Bolts
2	License Plastic Plugs	6	8mm x 24mm x 2mm Flat Washers
6	Sensor Hole Plugs	4	8mm Lock Washers
1	Sensor Cover Kit	2	8mm Hex Nuts
4	Dodge Wire Harnesses	5	6mm x 25mm Button Head Combo Bolts
6	Retaining Rings	6	6mm x 25mm Hex Bolts
6	15.5mm x 25mm Centering Foam Washers	12	6mm x 18mm x 1.6mm Flat Washers
2	12-1.75mm x 130mm Hex Bolts	6	6mm Nylon Lock Nuts
4	12-1.75mm x 55mm Hex Bolts	12	4mm x 10mm Button Head Screws
14	12-1.75mm x 45mm Hex Bolts	1	Allen Wrench S=4
2	12-1.50mm x 35mm Fine Thread Hex Bolts	1	Allen Wrench S=2.5



PROCEDURE:

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

**ELEVATION BULL NOSE FRONT BUMPER
2013-17 RAM 1500**

1. Remove the license plate and bracket. Remove lower air dam, **(Figure 1)**. **NOTE:** Air dam is attached with many 2pc retaining clips. Pry up center of pin to release and remove clips.
2. On models with factory fog lights and/or sensors, unplug wiring harness, **(Figure 2)**. Release the harness from the clips attached to the back of the bumper and move harness away.
3. Next, remove the plastic fascia fill panel between the headlights and the top of the bumper. **NOTE:** Release inner fender liner to access hardware attaching the ends of fascia panel to the bottom of the front fenders, **(Figures 3 & 4)**.
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 (3) hex nuts attaching each bumper bracket to the end of the frame, **(Figure 5)**. **WARNING!** Assistance is required to hold the bumper in place during hardware removal to prevent the bumper from falling. Slide the bumper assembly off of the tow hooks, (if equipped).
5. Next, remove the plastic inner support blocks from the bottom of the headlights, **(Figure 6)**.
6. Starting at the passenger/right front side of the vehicle, locate the frame mounting location, **(Figure 7)**. Select the passenger/right side Frame Mounting Bracket, **(Figure 8)** **NOTE:** Holes in mounting flange on end of frame are two sizes (3-large, 1-small). Attach the Bracket to the end of the frame with (3) 12mm x 45mm Hex Bolts, (6) 12mm x 37mm Flat Washers, (3) 12mm Nylon Lock Nuts, **(Figures 8 & 9)**. Use (1) 10mm x 40mm Hex Bolt, (2) 10mm Flat Washers and (1) 10mm Nylon Lock Nut to attach the Bracket to the smaller, top inner mounting hole in the bumper flange, **(Figures 8 & 9)**.
7. Select the Passenger/right side Support Bracket, **(Figure 10)**. Attach the Bracket to the bottom of the frame using (1) 12mm x 35mm **Fine Thread** Hex Bolt, (1) 12mm Lock Washer and (1) 12mm x 44mm Flat Washer, **(Figure 11)**. Insert (1) 12mm x 130mm Hex Bolt with (1) 12mm x 37mm Flat Washer in through the Support Bracket, the outside of the frame and out through the inside of the frame. Secure the Bracket to the frame using (1) 12mm x 37mm Flat Washer and (1) 12mm Nylon Lock Nut, **(Figure 11)**.
8. Repeat **Steps 6 & 7** for Driver/left side Bracket installation.
9. **Optional Winch Tray and Winch installation (winch sold separately):**
 - a. Select the Winch Tray. With assistance, slide the Winch Tray between the Frame Brackets. Attach the Winch Tray to the Frame Brackets with (6) 12mm x 45mm Hex Bolts, (12) 12mm x 37mm Flat Washers and (6) 12mm Nylon Lock Nuts, **(Figures 12 & 13)**. Snug but do not fully tighten all hardware.
 - b. If installing winch, follow manufacturer's instructions to attach the winch to the Winch Tray. Winch must be installed before Bumper is placed in position against Brackets.
 - c. Attach winch cable guide, (not included), to Bumper assembly. Follow manufacturer's instructions to properly wire the winch to the electrical system.
10. Sensors must be installed in Bumper, (if equipped), before installing Bumper Assembly.

Models without bumper sensors:

 - a. Select the included (6) Rubber Plugs.
 - b. From behind bumper, push plugs into sensor mounting holes.

Models with bumper mounted sensors:

 - a. Trim off the plastic tabs on the sensor to make sure the sensor fits snug inside the sensor sleeve. Remove the factory sealing washer from the sensor. Attach (1) Centering Foam Washer onto the front of the sensor, **(Figure 14)**.
 - b. Push the sensor in from the back of the Bumper until it is flush with the sensor sleeve. Push (1) Retaining Ring into the sensor sleeve to secure the sensor in place, **(Figure 15)**.
 - c. Repeat **Steps 10a & 10b** for all six sensors.
 - d. Starting on the driver/left side of the bumper, connect the OE sensor wire harness to the first two driver/left side sensors.
 - e. Use the provided wire harness extensions to connect the remaining four center and passenger/right side sensors to the OE sensor wire harness.
11. **NOTE:** It may be easier to install accessory lights before installing the Bumper.

Center LED light installation as supplied with bumper or sold separately.

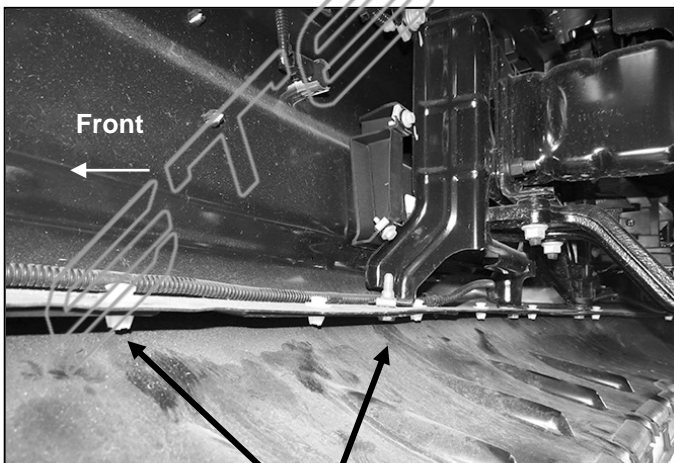
ELEVATION BULL NOSE FRONT BUMPER 2013-17 RAM 1500

- a. Select the L/R “L” Brackets, **(Figure 16)**. Attach the Brackets to the top of the (2) mounting tabs welded onto the back of the bumper with the included (2) 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 16)**. 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 light once bumper has been installed.

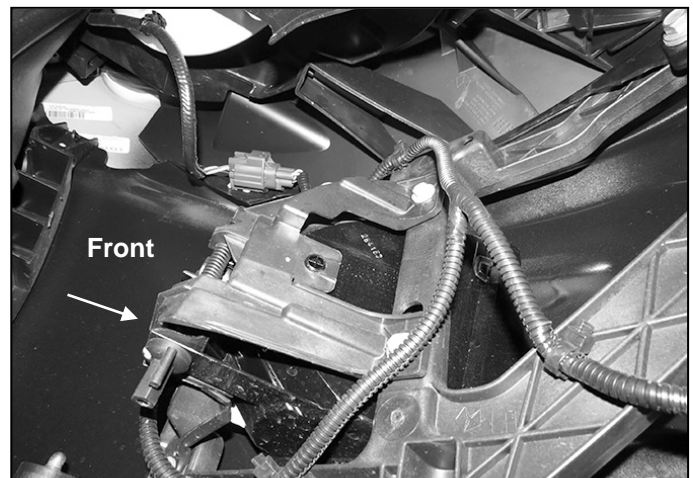
Models with factory fog lights:

- a. Use the provided (3) 6mm x 25mm Hex Bolts, (6) 6mm x 18mm Flat Washers and (3) 6mm Nylon Lock Nuts to attach the passenger side fog light to the mounting tab on the back of the bumper, **(Figure 17)**.
 - b. Repeat previous step for driver/left side fog light installation.
12. Insert (2) Plastic Plugs into the square holes in the Bumper. Reuse the factory screws to attach the license plate to the plastic plugs, **(Figure 18)**.
 13. With assistance, position the Bumper Assembly to the outside of 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.
 14. Line up the (3) slots on the Bumper with the (3) slots on the Frame Bracket. Use (2) 12mm x 55mm Hex Bolts, (4) 12mm x 37mm Flat Washers and (2) 12mm Nylon Lock Nuts to attach the (2) bottom slots on the Bumper to the Frame and Support Bracket, **(Figures 19 & 20)**. Use the included (1) 12mm x 45mm Hex Bolt, (2) 12mm x 37mm Flat Washers and (1) 12mm Nylon Lock Nut to attach the top slot on the Bumper to the Frame Bracket, **(Figures 19 & 20)**. Repeat this **Step** to attach the Bumper to the driver/left side Brackets. Do not fully tighten at this time.
 15. Level and adjust the bumper and fully tighten all hardware.
 16. 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 Bumper assembly.

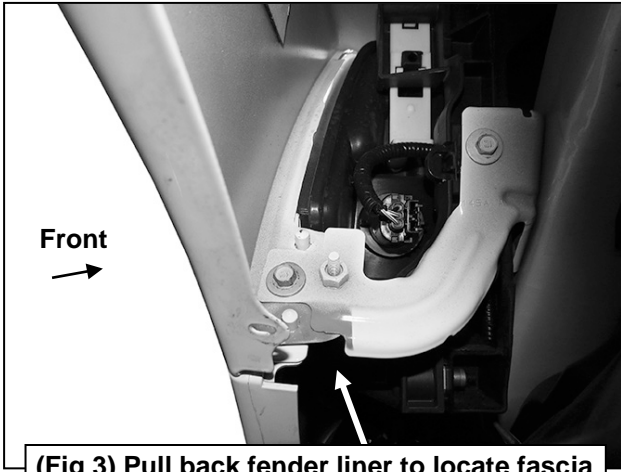


(Fig 1) Release clips (arrow) to remove air dam (pictured from behind bumper-tow hook equipped)



(Fig 2) Unplug lights and sensors if equipped. Unplug harness to bumper and move harness away

ELEVATION BULL NOSE FRONT BUMPER
2013-17 RAM 1500

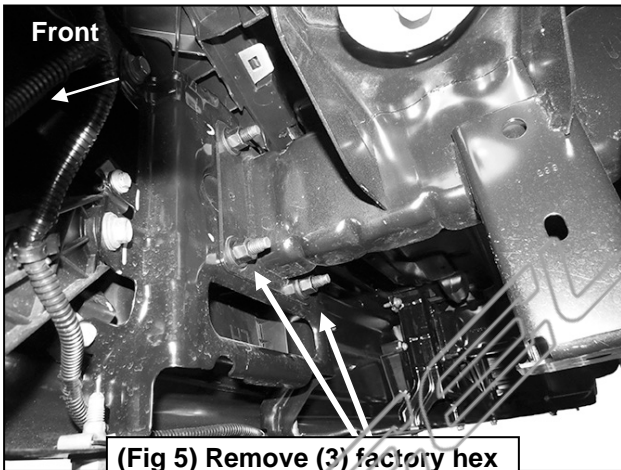


(Fig 3) Pull back fender liner to locate fascia attachment at bottom of front fender

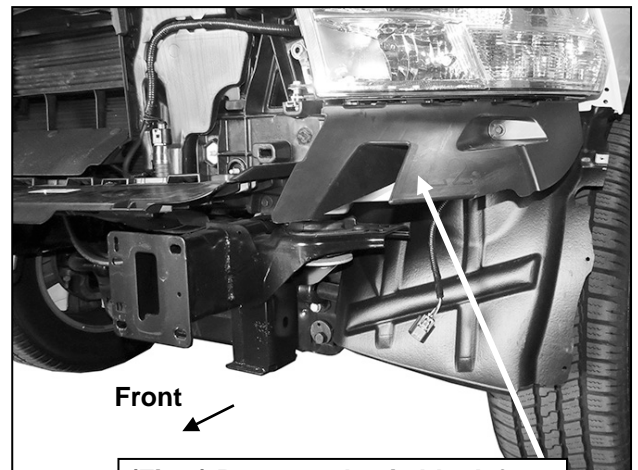


(Fig 4) Remove fascia body panel from top of bumper

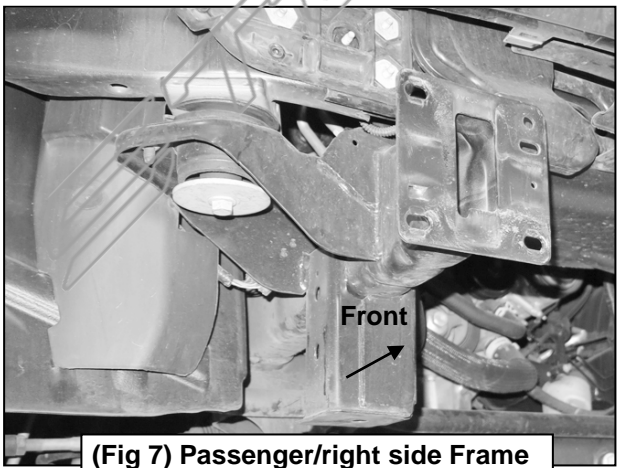
WARNING! Do not remove bumper bolts unless the bumper is properly supported on blocks or stands or the bumper may fall.



(Fig 5) Remove (3) factory hex nuts from each side

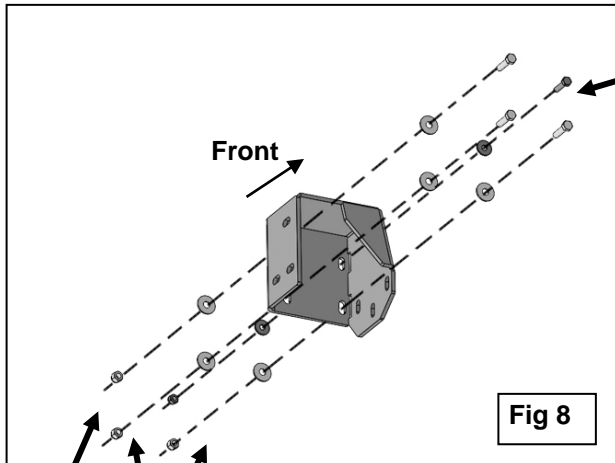


(Fig 6) Remove plastic block from below headlight



(Fig 7) Passenger/right side Frame mounting location

Passenger/right Side Installation Pictured



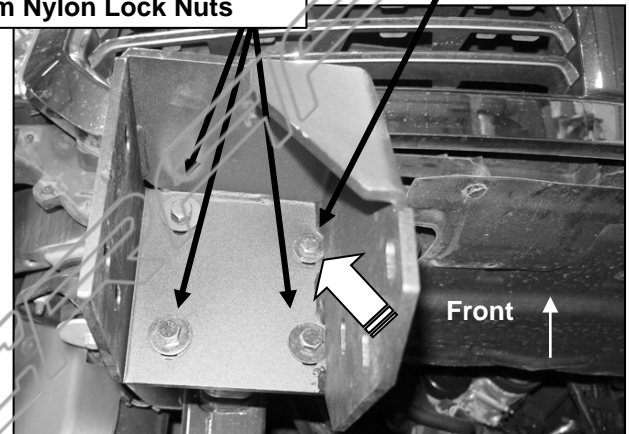
10mm x 40mm Hex Bolt
(2) 10mm Flat Washers
10mm Nylon Lock Nut

10mm x 40mm Hex Bolt
(2) 10mm Flat Washers
10mm Nylon Lock Nut

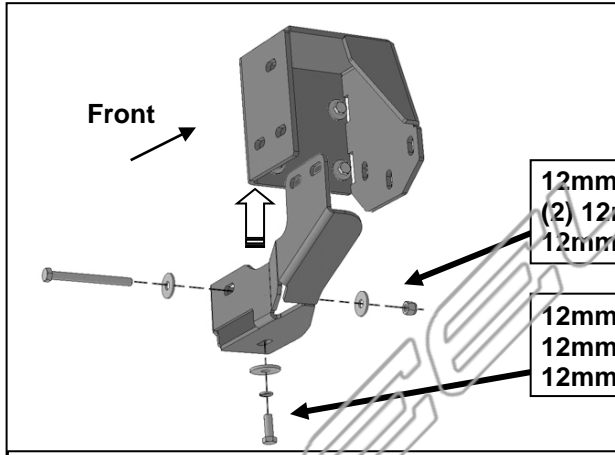
(3) 12mm x 45mm Hex Bolts
(6) 12mm x 37mm Flat Washers
(3) 12mm Nylon Lock Nuts

Fig 8

(3) 12mm x 45mm Hex Bolts
(6) 12mm x 37mm Flat Washers
(3) 12mm Nylon Lock Nuts



(Fig 9) Passenger/right side Frame Mounting Bracket installed

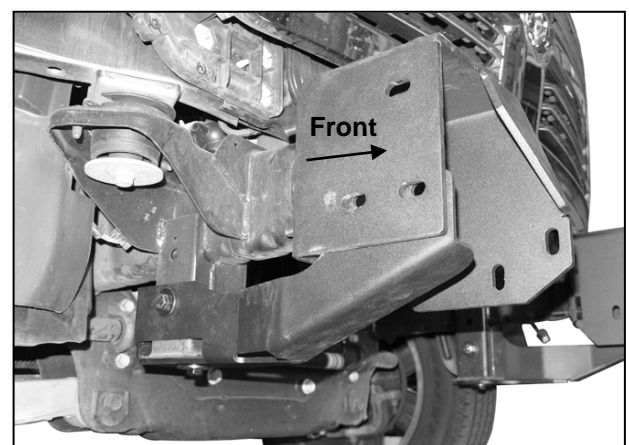


12mm x 130mm Hex Bolt
(2) 12mm x 37mm Flat Washers
12mm Nylon Lock Nut

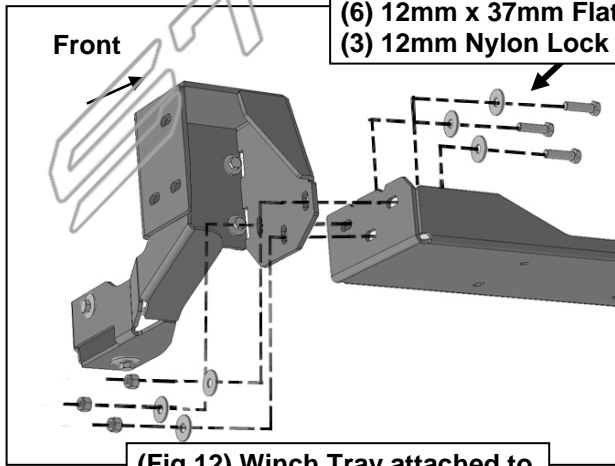
12mm x 35mm Fine Thread Hex Bolt
12mm Lock Washer
12mm x 44mm Flat Washer

(Fig 10) Passenger/right side Support Bracket

(3) 12mm x 45mm Hex Bolts
(6) 12mm x 37mm Flat Washers
(3) 12mm Nylon Lock Nuts



(Fig 11) Passenger/right side Support Bracket attached to the Frame Mounting Bracket

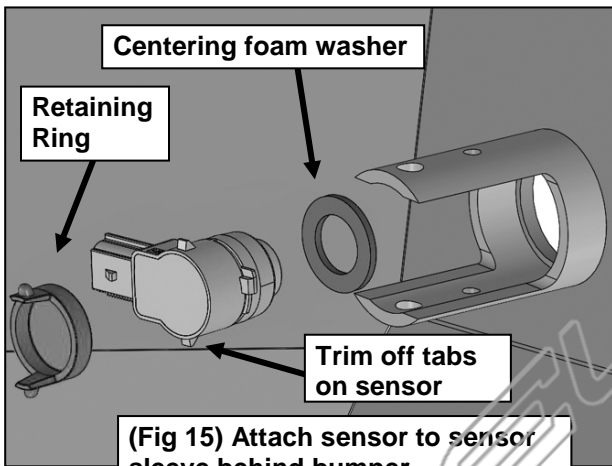


(Fig 12) Winch Tray attached to Passenger side Frame Bracket

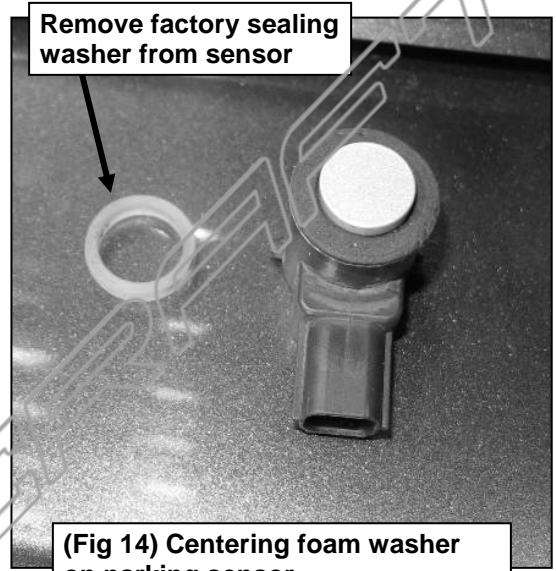
Passenger/right Side Installation Pictured



(Fig 13) Winch Tray attached to Frame Mounting Brackets

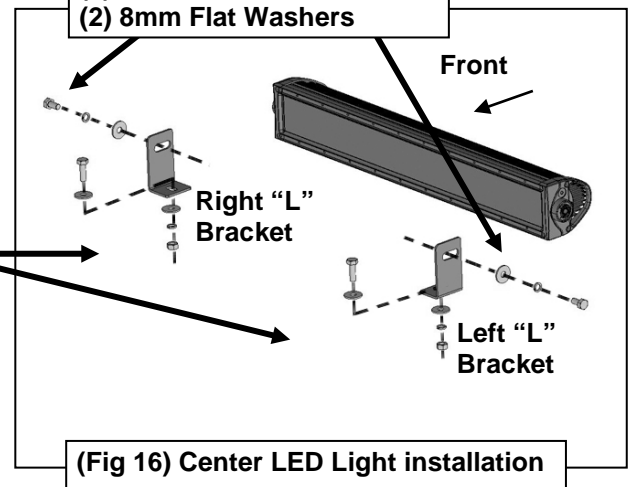


(Fig 15) Attach sensor to sensor sleeve behind bumper



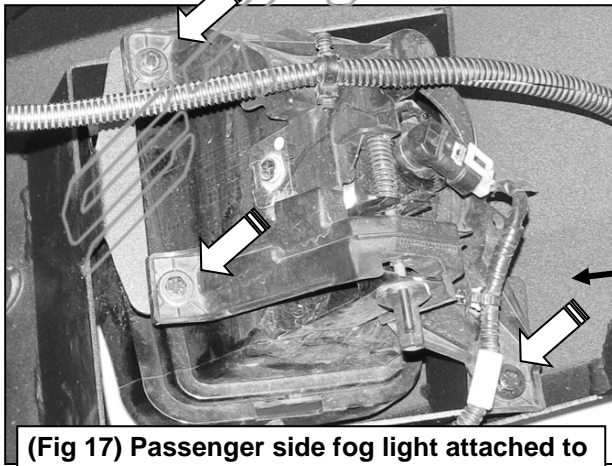
(Fig 14) Centering foam washer on parking sensor

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



(Fig 16) Center LED Light installation

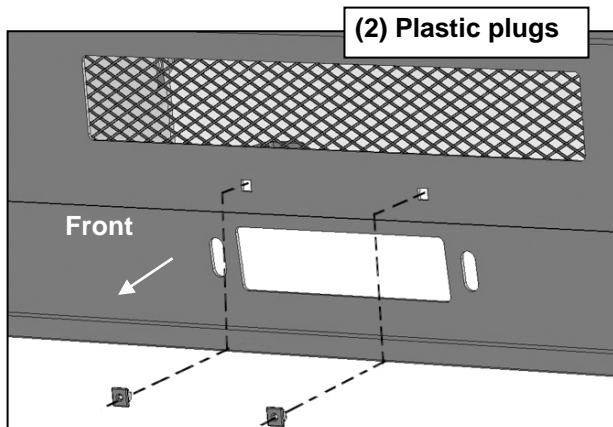
- (2) 8mm x 25mm Hex Bolts
- (4) 8mm x 24mm Flat Washers
- (2) 8mm Lock Washers
- (2) 8mm Hex Nuts



(Fig 17) Passenger side fog light attached to the light mount on the back of the bumper

- (3) 6mm x 25mm Hex Bolts
- (6) 6mm x 18mm Flat Washers
- (3) 6mm Nylon Lock Nuts

Passenger/right Side Installation Pictured

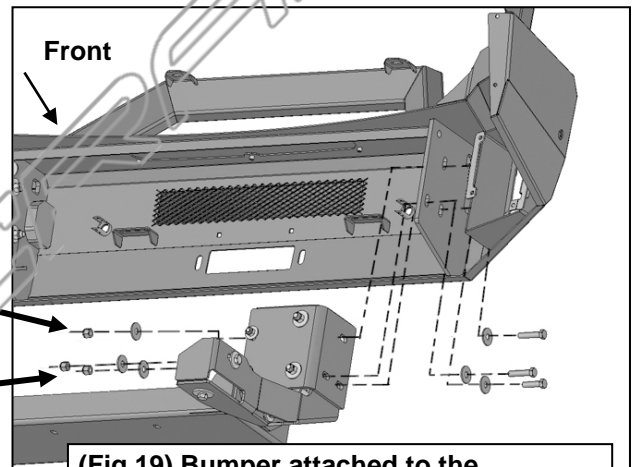


(Fig 18) Use the plastic plugs to attach the license plate to the front of the bumper

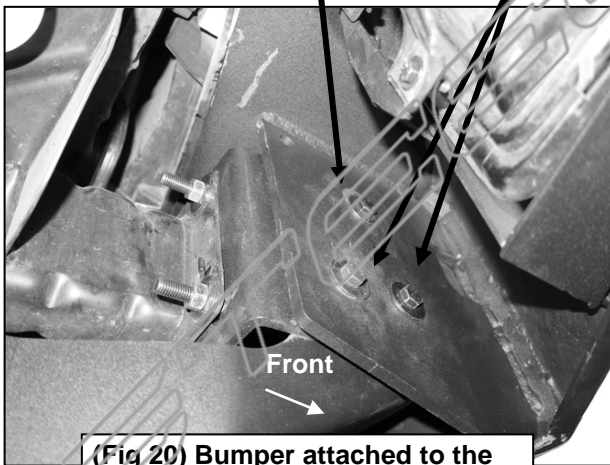
WARNING! Do not crawl under bumper unless the bumper is properly supported on blocks or stands or the bumper may fall.

- (1) 12mm x 45mm Hex Bolt
- (2) 12mm x 37mm Flat Washers
- (1) 12mm Nylon Lock Nut

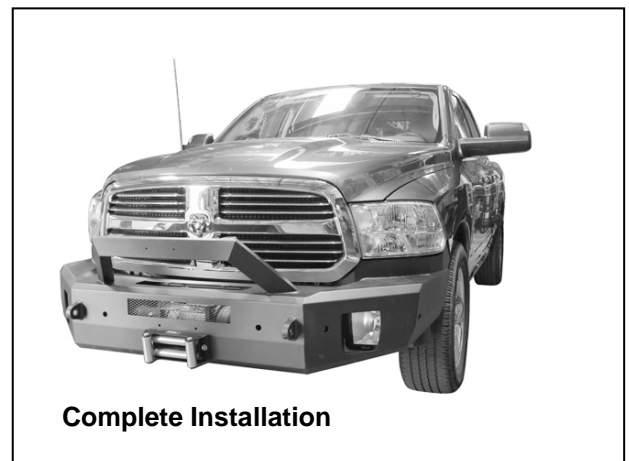
- (2) 12mm x 55mm Hex Bolts
- (4) 12mm x 37mm Flat Washers
- (2) 12mm Nylon Lock Nuts



(Fig 19) Bumper attached to the Passenger/right side Brackets illustrated



(Fig 20) Bumper attached to the Passenger/right side Brackets



Complete Installation