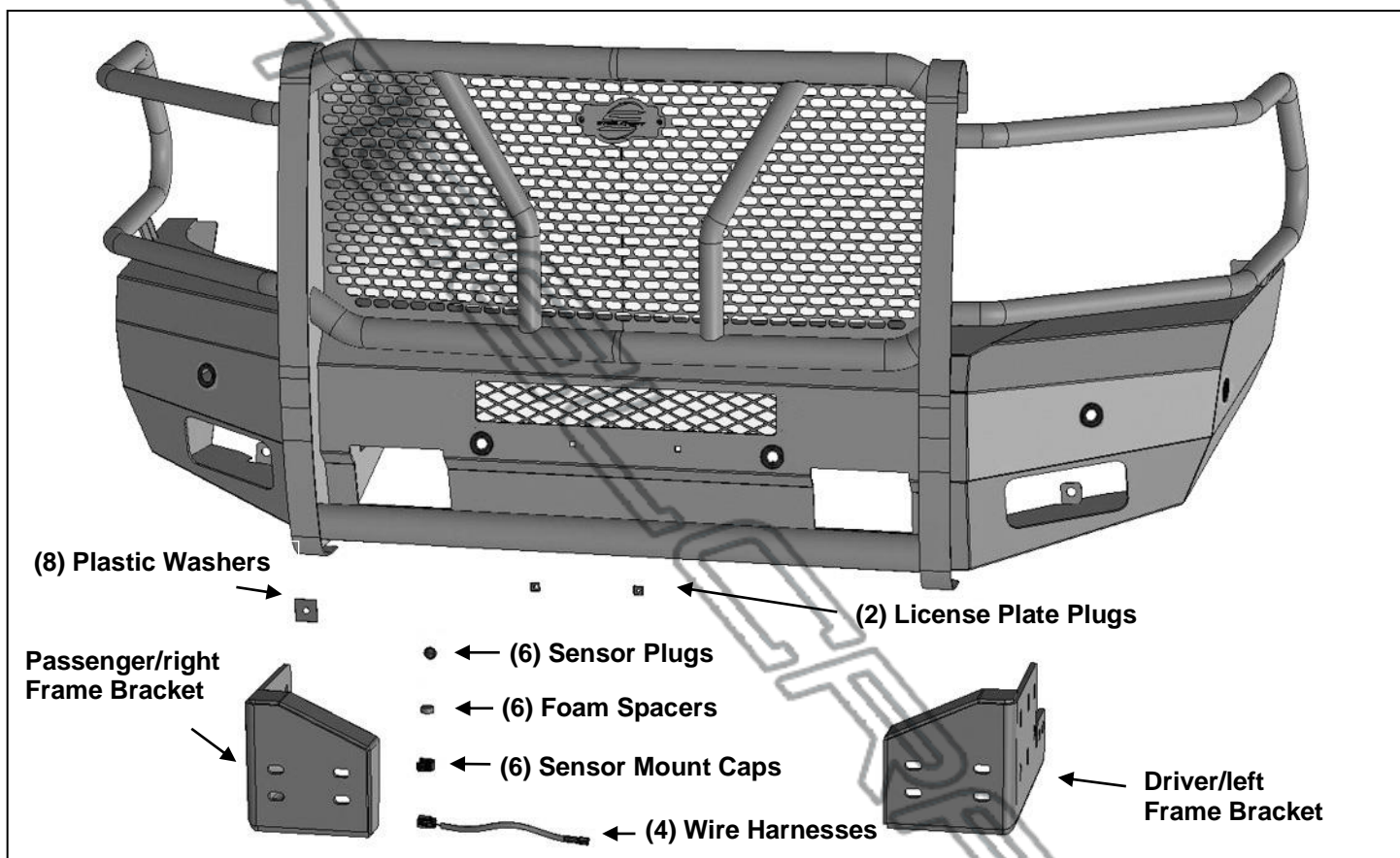


**ALUMINUM ELEVATION FRONT BUMPER
2010-18 DODGE RAM 2500-3500**

PARTS LIST:

| | | | |
|---|--|----|-----------------------------------|
| 1 | Elevation Front Bumper Assembly | 8 | 12mm Plastic Retainers |
| 1 | Driver/left Frame Mounting Bracket | 4 | 12mm x 90mm Hex Bolts |
| 1 | Passenger/right Frame Mounting Bracket | 8 | 12-1.75mm x 45mm Hex Bolts |
| 2 | License Plate Mounting Plugs | 24 | 12mm x 37mm OD x 3mm Flat Washers |
| 6 | Sensor Plugs | 8 | 12mm Lock Washers |
| 6 | 20mm x 10mm Foam Spacers | 8 | 12mm Hex Nuts |
| 6 | Sensor Mount Caps | 4 | 12mm Nylon Lock Nuts |
| 4 | Wiring Harnesses | | |



RECOMMENDED TO REPLACE THE 12MM HEX BOLTS ON AN ANNUAL BASIS

PROCEDURE:

- 1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. BUMPER IS HEAVY, ASSISTANCE IS HIGHLY RECOMMENDED. CUTTING MAY BE REQUIRED.**
- Remove the license plate. On models with bumper mounted sensors, unplug the wiring harness leading to the front bumper, **(Figure 1)**. Move all wiring harnesses away from bumper.
- Open the front hood and temporarily remove the top plastic cover between the radiator and the grille. Next, remove the plastic radiator grille for easier access to top bumper bracket bolts, **(Figure 2)**. **NOTE:** Pay close attention to the type and location of all factory hardware for reinstallation. Move the grille and cover to a clean surface.
- Release the clips attaching the lower splash guard to the back of the front bumper, (if equipped). Locate the factory bumper bolts attaching the outer bumper to the inner brackets, **(Figure 3 & 4)**. With assistance, remove the bumper assembly, **(Figure 5)**. **WARNING!** Assistance is required to hold the

**ALUMINUM ELEVATION FRONT BUMPER
2010-18 DODGE RAM 2500-3500**

bumper in place during hardware removal to prevent the bumper from falling. Slide the bumper assembly off of the tow hooks.

5. Next, remove the (2) tow hooks. Remove the inner bumper brackets and lower frame extensions from the ends of the frame, **(Figures 5—7)**. **NOTE:** Lower frame extensions cannot be reinstalled, **(Figure 4)**. **IMPORTANT:** On some models equipped with turbo diesel, the intercooler and lower mounting bracket will need to be loosened or removed to remove the double bolt plate attaching the bumper bracket to the end of the frame. Assistance is recommended. **OPTION:** To remove the double bolt plates without removing the intercooler, use a hacksaw to cut the threaded ends off of the double bolt plates. Reinstall the intercooler and brackets, (if removed), once bolt plates and bumper brackets have been removed, **(Figures 6 & 7)**.
6. Select driver/left Frame Mounting Bracket, **(Figure 8)**. Line up the holes in the Bracket with the outside of the frame. Reuse the factory double bolt plate to attach the Bracket to the outside of the frame. If the double bolt plate was cut, use the provided (2) 12mm x 90mm Hex Bolts, (4) 12mm Flat Washers and (2) 12mm Nylon Lock Nuts, **(Figure 8)**. Reuse the factory bumper bracket hardware to attach the Bracket to the outside of the frame, **(Figure 9)**. **NOTE:** Insert bolts through Frame Bracket and out through the frame. Snug but do not fully tighten hardware at this time. Repeat this Step to install the passenger/right side Frame Bracket.
7. Determine if factory bumper is equipped with parking sensors.

Models without bumper sensors:

- a. Insert (1) Plug into the outer hole in the Sensor Mount, **(Figure 10)**.
- b. Repeat to plug remaining (5) mounting holes in Bumper. Continue to **Step 8**.

Models with bumper mounted sensors:

- a. Carefully remove (1) sensor from the back of the OE bumper. **NOTE:** Sensors and harness must be installed in Bumper before installing Bumper Assembly.
 - b. Push the sensor into the Mount from the back of the Bumper until it is flush with the front of the Mount.
 - c. Push (1) Foam Spacer onto the back end of the sensor, **(Figure 11)**.
 - d. Snap (1) Sensor Retaining Cap onto the Sensor Mount, **(Figure 11)**.
 - e. Repeat the previous Steps to install the remaining sensors.
 - f. Starting on the driver/left side of the bumper, connect the OE sensor wire harness to the first two driver/left side sensors.
 - g. Use the provided (4) Wire Harness Extensions to connect the remaining four center and passenger/right side sensors to the OE sensor wire harness.
8. With assistance, position the Bumper assembly up to the (2) Frame Brackets. **WARNING:** To avoid possible injury or damage to the vehicle, do not proceed until the Bumper is fully and safely supported.
 9. Line up the (4) holes in the driver/left side of the Bumper with the Frame Bracket. Attach the Bumper to the Bracket with the included (4) 12mm x 45mm Hex Bolts, (4) 12mm Flat Washers, (4) 12mm Plastic Washers, (4) 12mm Flat Washers, (4) 12mm Lock Washers and (4) 12mm Hex Nuts, **(Figure 12)**. **NOTE:** Insert the Plastic Washers between the outer 12mm Flat Washers and the mounting plate on the back of the Bumper to minimize corrosion. Do not fully tighten hardware at this time. Repeat to attach the passenger/right side of the Bumper to the Bracket.
 10. Level and adjust the bumper and fully tighten all 12mm hardware to 65-70ft-lbs.
 11. Carefully remove both fog lights, if equipped, from the back of the OE bumper.

Models with fog lights:

 - a. On models with factory fog lights, carefully snap each fog light into the (3) mounting tabs on the back of the Bumper, **(Figure 13)**.
 - b. Reattach the factory wiring harness to fog lights.
 12. Select (1) factory tow hook. Reuse the factory hardware to attach the tow hook to the mounting plate behind the front of the bumper, **(Figure 14)**. Repeat to install the remaining tow hook.
 13. Install (2) Plastic License Plate Plugs into the holes in the Elevation Bumper. Reuse factory screws to attach license plate to Plugs, **(Figure 15)**.
 14. Use a sharp knife or hacksaw blade to cut off lower portion of fender liner as desired.
 15. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

**ALUMINUM ELEVATION FRONT BUMPER
2010-18 DODGE RAM 2500-3500**

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 Bumper Assembly.

Driver Side Installation Pictured



(Fig 1) Unplug wiring harness leading to front bumper

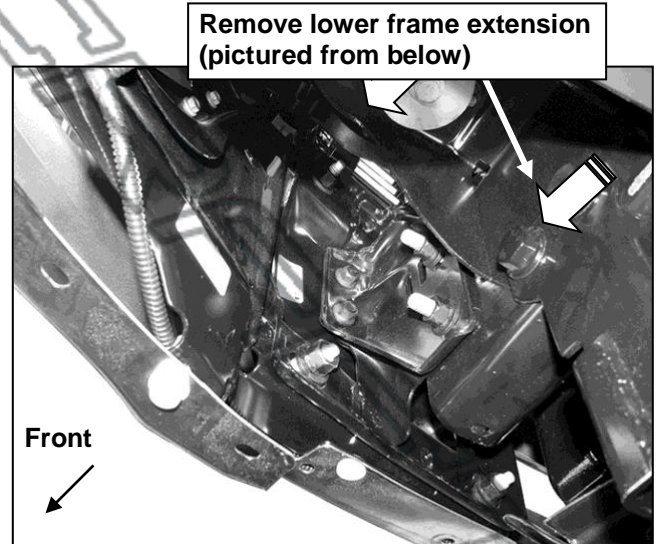


(Fig 2) Remove radiator top cover and grille



(Fig 3) Remove driver side top bumper hardware

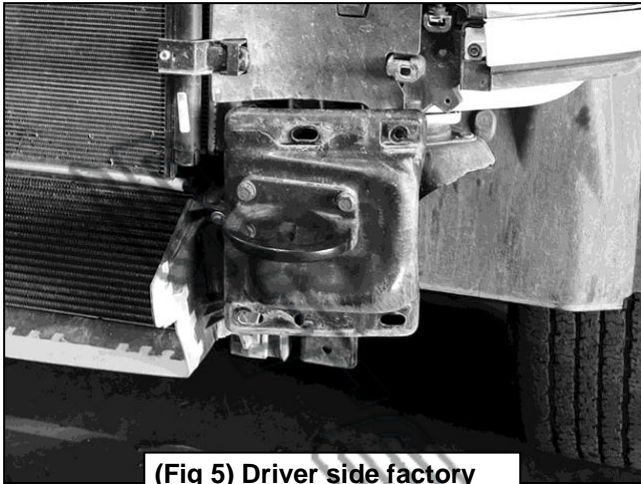
WARNING! Do not crawl under bumper unless it is properly supported on blocks or stands or the bumper may fall.



(Fig 4) Remove driver/left lower bumper bracket hardware, (arrows-note pictured from below)

**ALUMINUM ELEVATION FRONT BUMPER
2010-18 DODGE RAM 2500-3500**

Driver Side Installation Pictured



(Fig 5) Driver side factory bumper bracket and tow

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

Diesel models, loosen top support bracket hardware at frame and intercooler (large arrow). Temporarily remove lower hanging intercooler bracket from side of frame

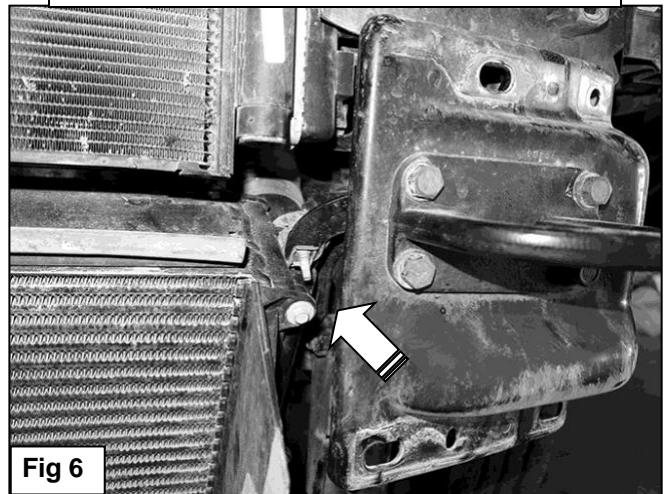
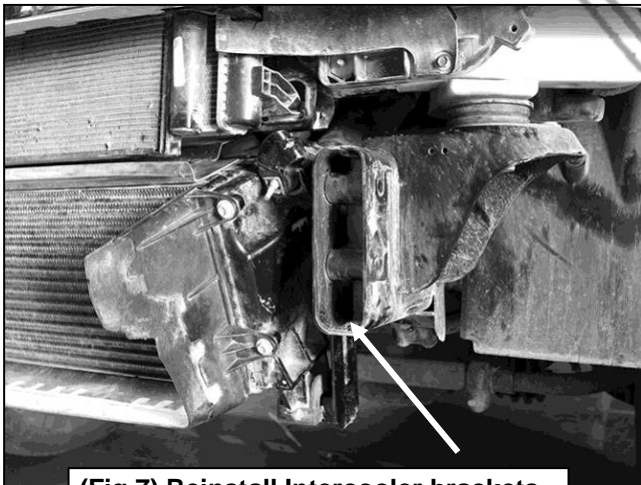
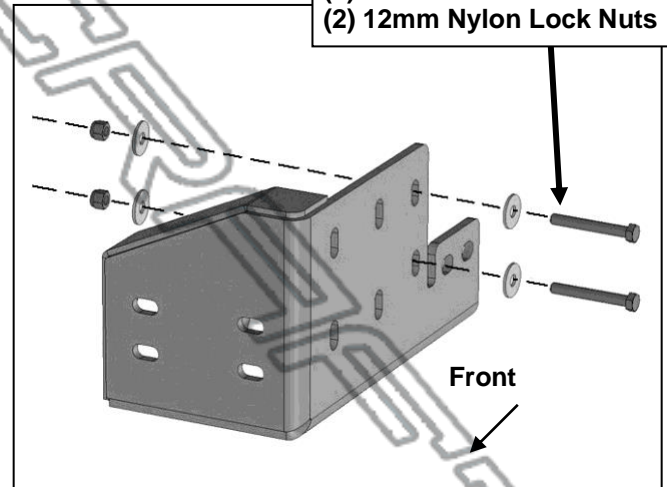


Fig 6



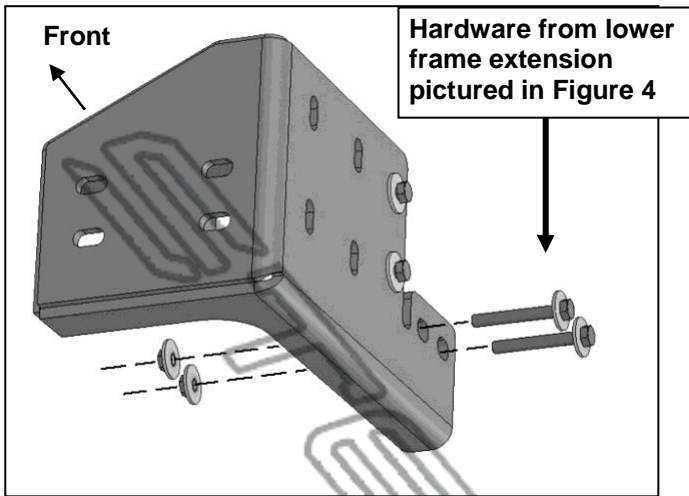
(Fig 7) Reinstall Intercooler brackets

Factory double bolt plate or replace with included:
(2) 12mm x 90mm Hex Bolts
(4) 12mm Flat Washers
(2) 12mm Nylon Lock Nuts

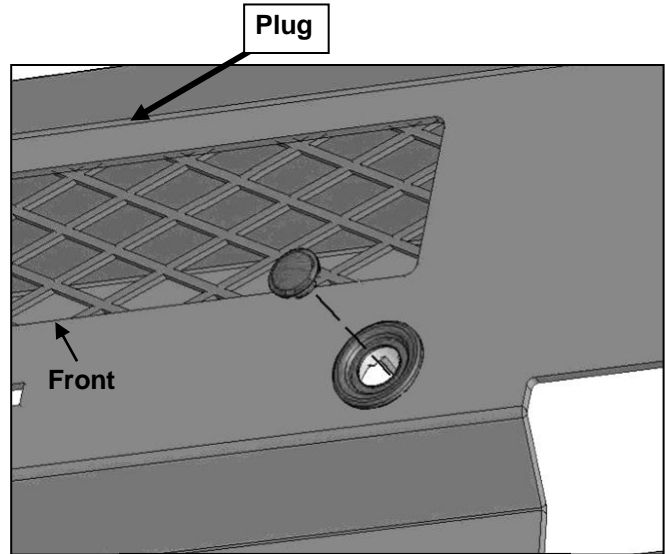


(Fig 8) Reuse the factory bumper bracket hardware to attach the driver/left Frame Bracket to the outside of the frame. On diesel models, use the included 12mm x 90mm Hex Bolts and hardware to replace the factory double bolt plate if needed

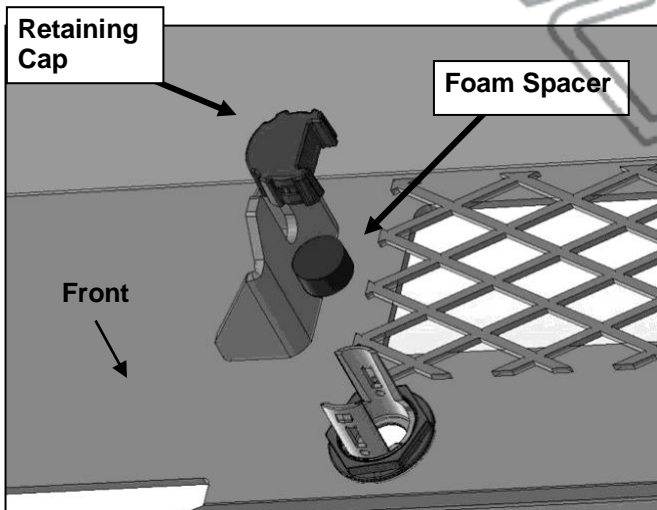
Driver Side Installation Pictured



(Fig 9) Reuse factory bumper bracket hardware to attach Driver/left Bracket to outside of frame

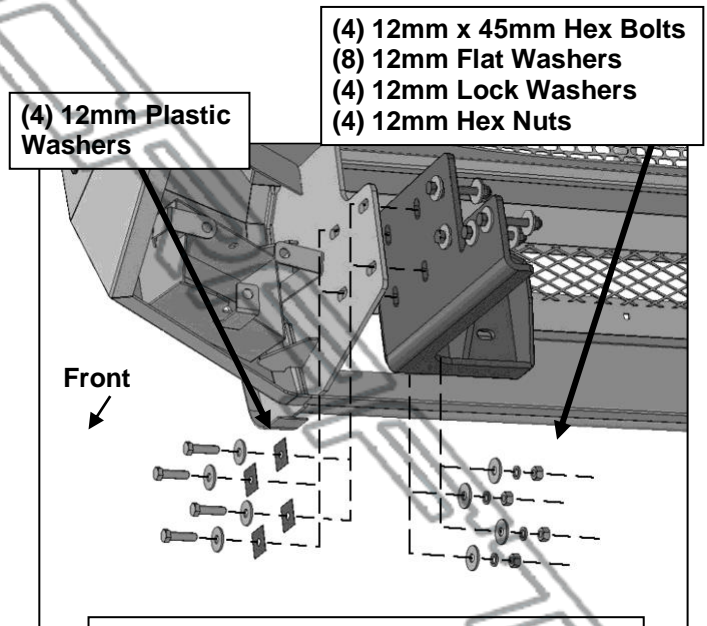


(Fig 10) Models without sensors, insert Plug into Mount



(Fig 11) Insert sensor into back of Mount. Attach Foam Spacer to back of sensor. Snap Retaining Cap onto end of Mount and over sensor and Spacer

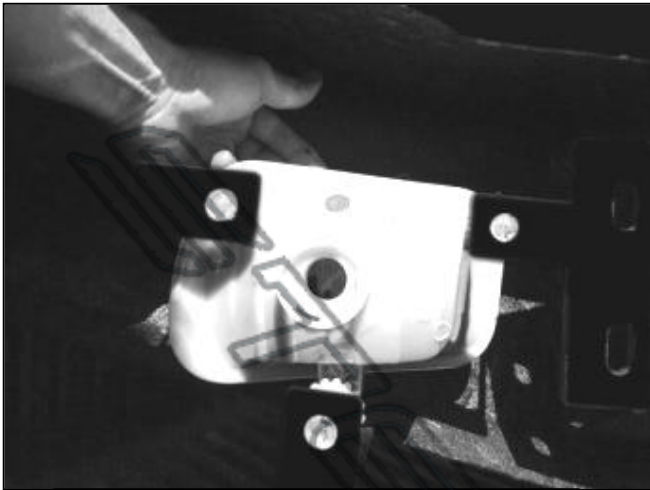
WARNING! Do not crawl under bumper unless it is properly supported on blocks or stands or the bumper may fall.



(Fig 12) Attach Bumper to side of Bracket. NOTE: Insert Plastic Washers between Flat Washer and mounting plate on Bumper to minimize corrosion

**ALUMINUM ELEVATION FRONT BUMPER
2010-18 DODGE RAM 2500-3500**

Driver Side Installation Pictured

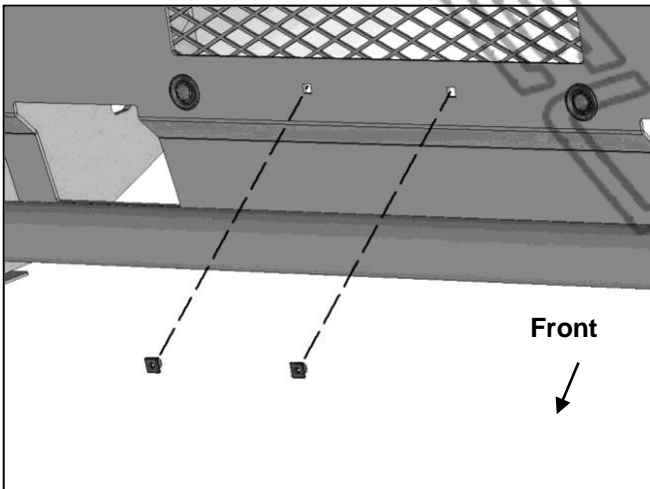


(Fig 13) Line up the tabs with the OE fog light if equipped. Carefully push the fog light into the mounting tabs

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



(Fig 14) Reuse factory hardware to attach tow hook to mounting plates on Elevation Bumper. NOTE: Preproduction Bumper pictured from below for instruction purposes, actual Bumper may differ slightly



(Fig 15) Push Plastic Plugs into Bumper to attach license plate

Special Note: While Aluminum does not rust, there is potential for galvanic corrosion if the coating is scratched between your bumper and the steel frame brackets + hardware (especially in extreme environments such as the coastlines or where road salt is used during winter). A visual inspection should be performed by the user at least on an annual basis to determine if excessive corrosion is present on or surrounding the hardware.



Complete Installation