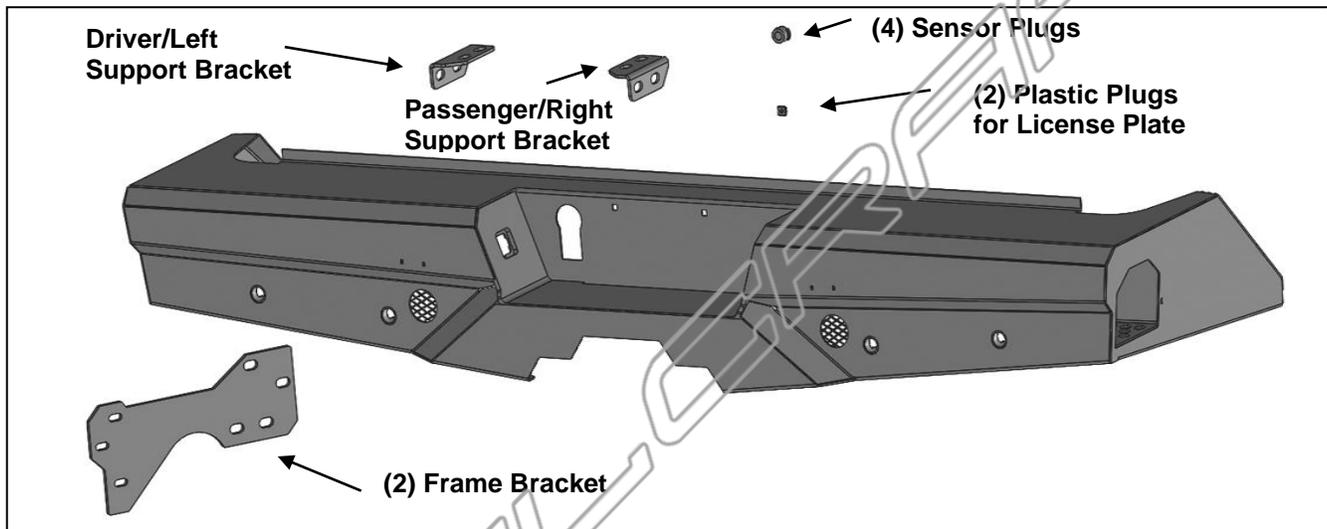


PARTS LIST:

1	Elevation Rear Bumper	8	14mm Lock Washer
2	Frame Bracket	8	14mm Fine Thread Hex Nut
1	Driver/Left Support Bracket	6	10-1.5mm x 40mm Hex Bolt
1	Passenger/Right Support Bracket	12	10mm x 30mm x 2.5mm Flat Washer
4	Sensor plug	6	10mm Lock Washer
2	License Plate Plug	6	10mm Hex Nut
8	14-1.5mm x 55mm Fine Thread Hex Bolt	8	4mm Button Head Bolt
16	14mm x 28mm x 2.5mm Flat Washer	1	S=2.5 Allen Wrench



PROCEDURE:

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

1. Remove the license plate from the bumper. Next, unplug the license plate lights, trailer plug and sensors, (if equipped) **(Figure 1)**. Release the wiring harness from the clips attached to the back of the bumper. Move all wiring harnesses away from bumper.

2. Determine if vehicle is equipped with factory receiver hitch

Models without Factory Receiver Hitch

- a. Place blocks or jack stands under the bumper to support it during mounting bolt removal. Once the bumper has been safely supported, remove the factory hardware attaching the bumper to the frame and remove the bumper **(Figure 2)**.
- b. Select the Passenger/Right Support Bracket and attach it to the frame with (2) 14mm Hex Bolts, (4) 14mm Flat Washers, (2) 14mm Lock Washers, and (2) 14mm Hex Nuts **(Figure 7 & 8)**.
- c. Next, select the Passenger/Right Mounting Bracket and attach it to the outside of the frame and Passenger/Right Support Bracket with (2) factory bolts, (2) 14mm Hex Bolts, (4) 14mm Flat Washers, (2) 14mm Lock Washers, and (2) 14mm Hex Nuts **(Figure 9 & 11)**. Snug but do not fully tighten at this time.
- d. Repeat **Steps 2a & 2b** to attach the Driver/Left Support Bracket and the Driver/Left Mounting Bracket to the driver side

Models with Factory Receiver Hitch

- a. Use a flat blade screwdriver to pry the plastic cover from the top of the rear bumper on the passenger and driver side edge **(Figure 3)**.

**ELEVATION REAR BUMPER
2015-16 TUNDRA**

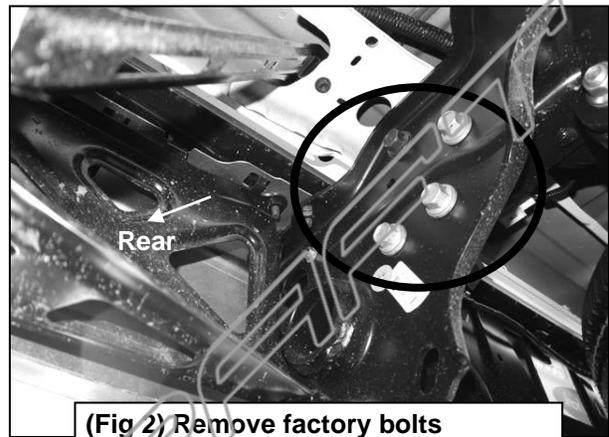
- b. Remove the plastic screw previously under the license plate (**Figure 4**). Release the clips and factory hardware under the passenger and driver side of the bumper and proceed to remove the center plastic piece on top of the bumper (**Figure 5 & 6A**).
 - c. Place blocks or jack stands under the receiver hitch to support it during mounting bolt removal. Once the bumper has been safely supported, remove the factory hardware attaching the bumper to the top and bottom of the receiver hitch and remove the bumper (**Figure 6B**). **NOTE:** Leave hitch attached to vehicle.
 - d. Select the Passenger/Right Mounting Bracket and attach it to the four holes in the receiver hitch with the same (4) factory bolts, (**Figure 9 & 10**). Snug but do not fully tighten at this time. Repeat this **Step** to attach the Driver/Left Mounting Bracket on the driver side.
3. With assistance, position the Bumper Assembly up to the Mounting 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.
4. Attach the Bumper Brackets to the ends of the Passenger/Right Mounting Brackets with the included (3) 10mm Hex Bolts, (6) 10mm Flat Washers, (3) 10mm Lock Washers and (3) 10mm Hex Nuts to the passenger/right side of the bumper, (**Figures 12A & 12B**). Repeat this **Step** to attach the Driver/Left Mounting Bracket on the driver side. Do not fully tighten hardware.
5. Level and adjust the bumper and fully tighten all hardware.
6. Reinstall the trailer plug, (**Figure 13**). **NOTE:** Use a flat blade screwdriver to carefully pry the metal clip on the plug out to grab the edge of the opening.
7. Use the included (2) License Plate Plugs to attach the rear license plate to the (2) holes in the Bumper, (**Figure 13**). Insert the License Plate Light into the hole in the bumper, (**Figure 13**). Attach the License Plate Light wire to the end of the factory license plate light wire harness.
8. Determine if the bumper is equipped with back up sensors
Models with bumper mounted sensors:
 - a. Push the sensor in from the back of the bumper. Secure each sensor to the socket with (2) 4mm Button Head Screws, (**Figure 14**). **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.
 - b. Reattach the factory wiring harness to sensors.**Models without bumper mounted sensors:**
 - c. Push the (4) sensor plugs in from the back of the bumper.
9. Attach the wiring harness to the trailer plug.
10. **Note:** Elevation Bumper has mounting locations for LED light installation at ends of bumper as supplied with bumper or sold separately. If installing lights at this time, check for light clearance through screen (**Figure 15**).
11. 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.

Passenger Side Installation Pictured



(Fig 1) Unplug and remove 7-wire trailer plug, unplug license plate lights and sensors if equipped

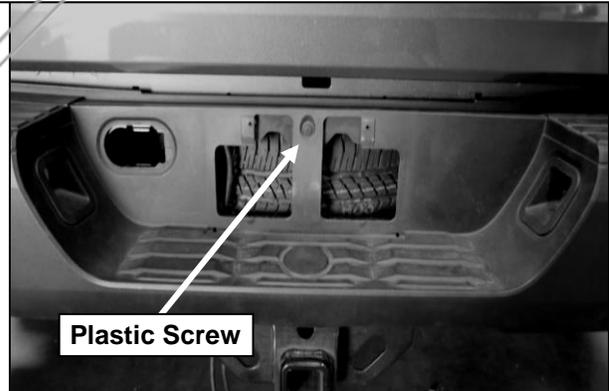


(Fig 2) Remove factory bolts attaching bumper assembly to frame

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

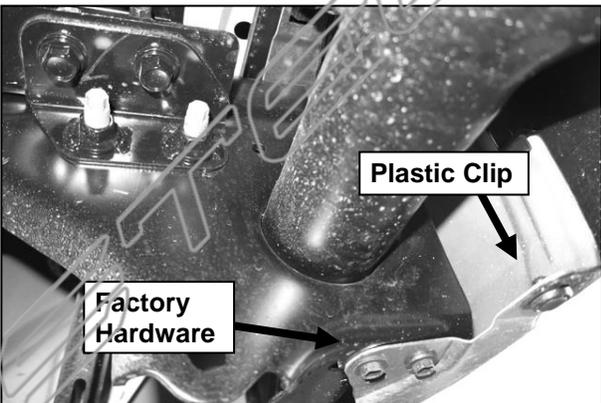


(Fig 3) Use a flat blade screwdriver to pry the plastic cover from the top of edges of the bumper

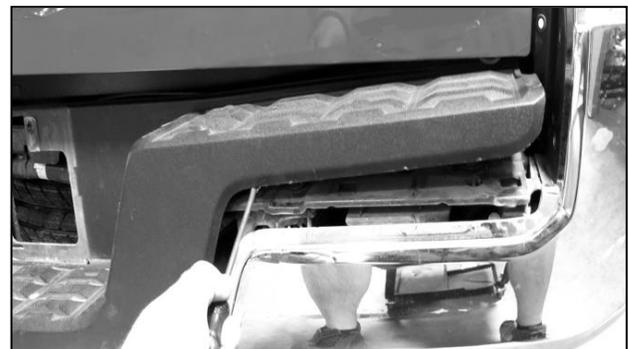


Plastic Screw

(Fig 4) Remove plastic screw previously under the license plate.



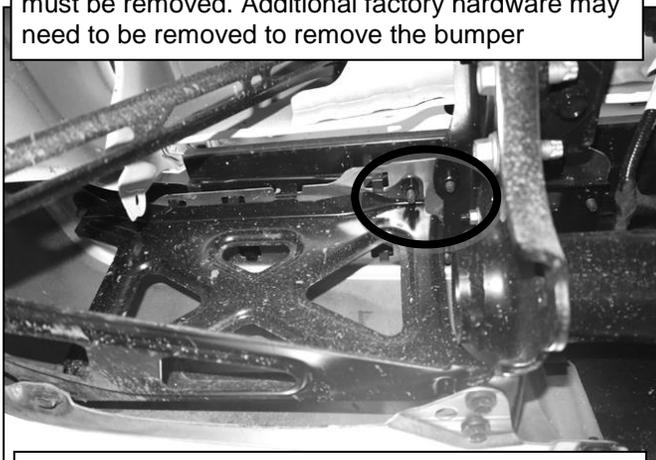
(Fig 5) Remove Factory Hardware and Plastic Clip from the underside of the bumper



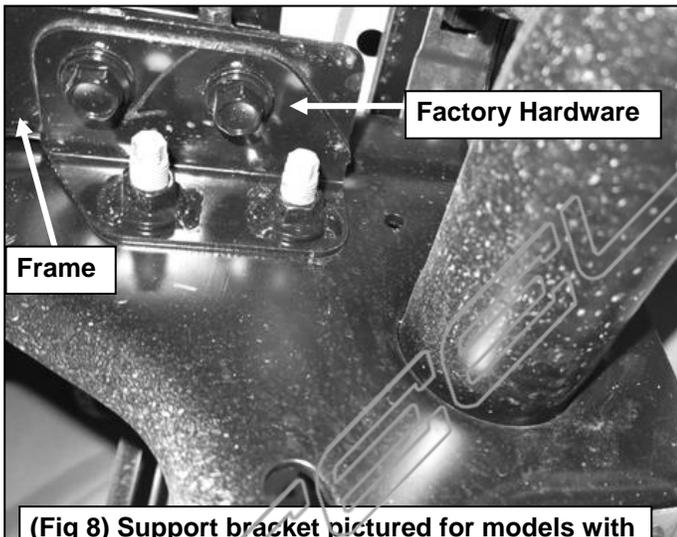
(Fig 6A) Remove center plastic piece on top of the bumper

Passenger Side Installation Pictured

Note: Fig 6 only shows some factory hardware that must be removed. Additional factory hardware may need to be removed to remove the bumper



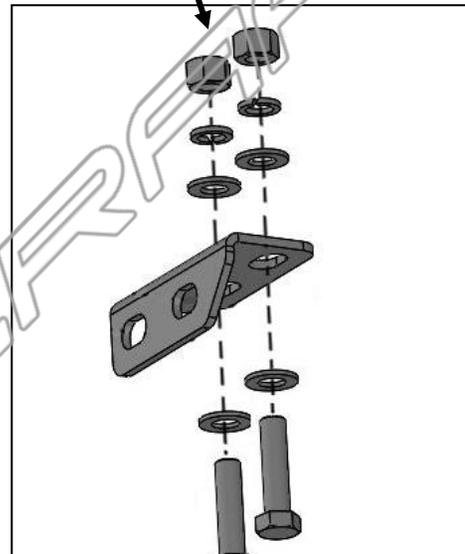
(Fig 6B) Remove factory hardware under the plastic pieces.



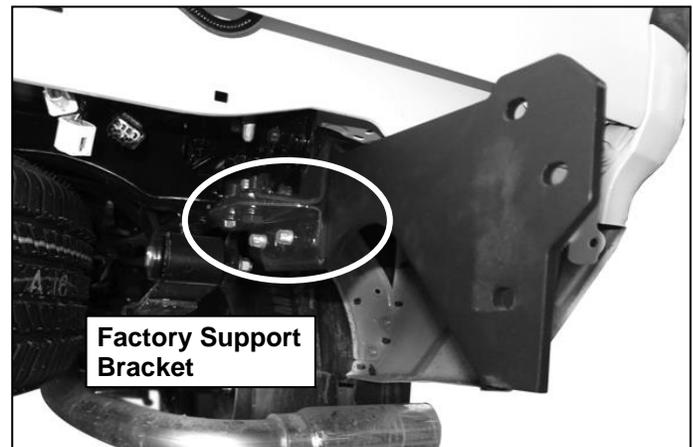
(Fig 8) Support bracket pictured for models with receiver hitch

Note: The support brackets that come with the kit install in the same place factory support brackets would be installed.

- (2) 14mm Hex Bolt
- (4) 14mm Flat Washer
- (2) 14mm Lock Washer
- (2) 14mm Hex Nut

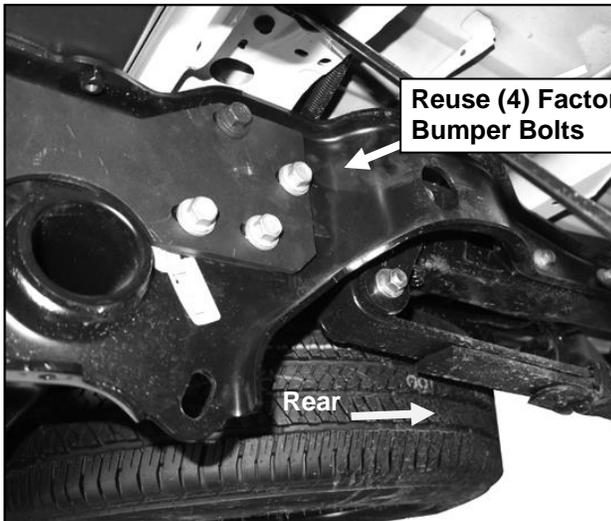


(Fig 7) Attach Support Bracket to frame
(Required on models without receiver hitch only)



(Fig 9) Attach Mounting Bracket to the frame and support bracket. **Note:** the mounting bracket mounts to the outside of the receiver hitch for models with a receiver hitch.

Passenger Side Installation Pictured



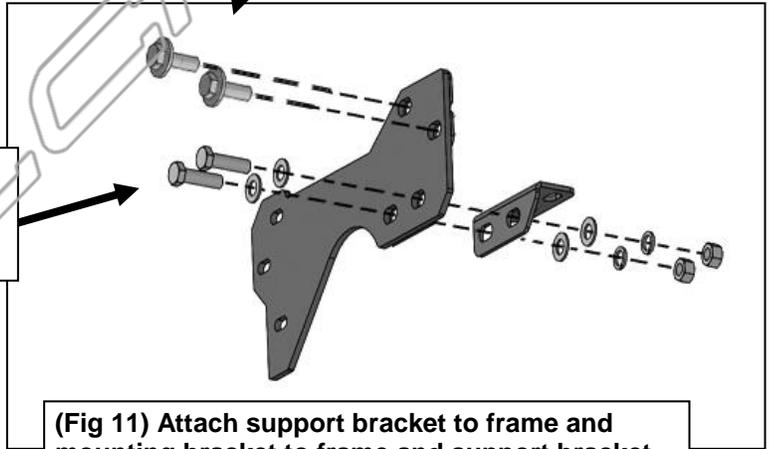
Reuse (4) Factory
Bumper Bolts

Note: On models without a receiver hitch, the Mounting Bracket will be mounted on the outside of the frame.

(Fig 10) Attach Mounting Bracket to receiver hitch.

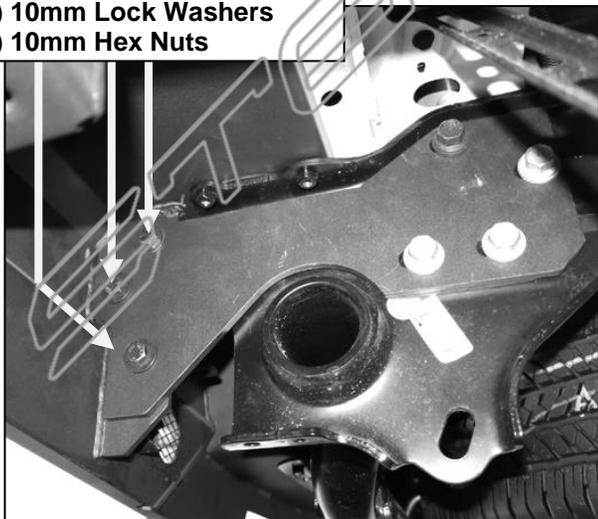
Reuse (2) Factory
Bumper Bolts

(2) 14mm Hex Bolt
(4) 14mm Flat Washer
(2) 14mm Lock Washer
(2) 14mm Hex Nut



(Fig 11) Attach support bracket to frame and mounting bracket to frame and support bracket. (Required on models without receiver hitch only)

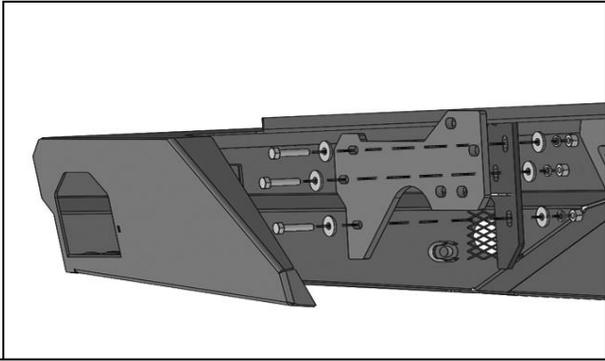
(3) 10mm x 40mm Hex Bolts
(6) 10mm Flat Washers
(3) 10mm Lock Washers
(3) 10mm Hex Nuts



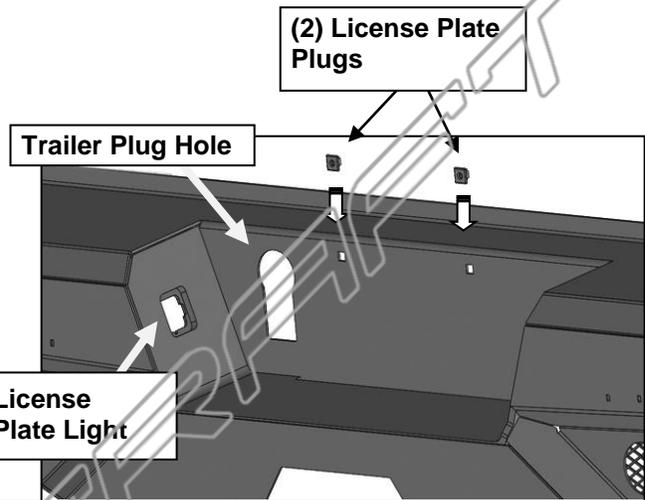
(Fig 12A) Attach Bumper Assembly to Mounting Brackets

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

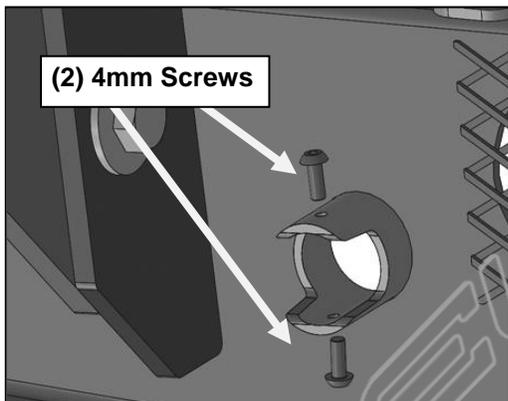
Passenger Side Installation Pictured



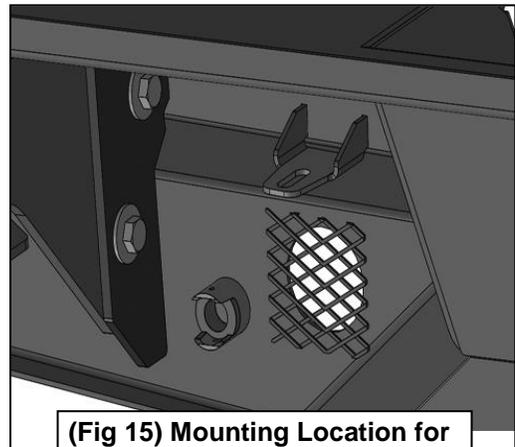
(Fig 12B) Attach Bumper Assembly to Mounting Brackets



(Fig 13) Push plastic plugs into holes for license plate



(Fig 14) Push sensor into mounting sleeve. Use 4mm Screws to lock sensor in place.



(Fig 15) Mounting Location for Light Installation



Complete Installation