

# INSTALLATION INSTRUCTIONS



## HDX GRILLE GUARD

APPLICATION:

2025-2026 Ram 1500

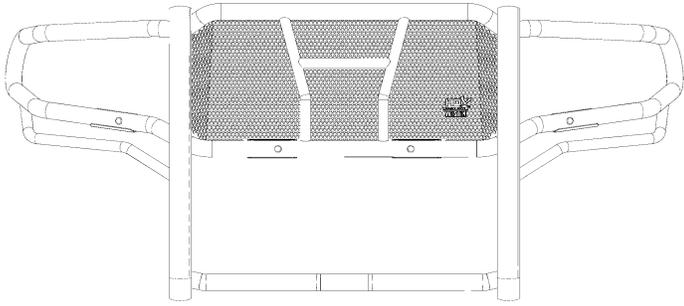
PART NUMBER:

57-4115

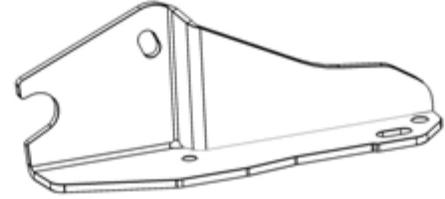
ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	1	HDX GRILLE GUARD	10MM SOCKET
2,3	2	LOWER MOUNTING BRACKET, DRIVER (2) AND PASSENGER (3)	16MM SOCKET
4,5	2	UPPER STRAP BRACKET, DRIVER (4) AND PASSENGER (5)	16MM WRENCH
6,7	2	LOWER SUPPORT STRAP, DRIVER (6) AND PASSENGER (7)	18MM SOCKET
8	4	M12 BUTTON HEAD BOLTS (BLACK ZINC)	18MM WRENCH
9	10	SMALL M12 FLAT WASHERS (BLACK ZINC)	FLAT HEAD SCREWDRIVER
10	8	M12 SPLIT LOCK WASHER (BLACK ZINC)	UTILITY KNIFE
11	4	LARGE M12 FLAT WASHER (BLACK ZINC)	RATCHET
12	8	M12 HEX NUT (BLACK ZINC)	TORQUE WRENCH
13	4	M10 BUTTON HEAD SCREW (BLACK ZINC)	PRYBAR
14	4	M10 BELLVILLE WASHER (BLACK ZINC)	13MM SOCKET
15	4	M10 SERRATED FLANGE NUT (BLACK ZINC)	T-20 TORX BIT
16	4	M10 HEX HEAD CAP SCREW (BLACK ZINC)	T-40 TORX BIT
17	4	SMALL M10 FLAT WASHER (BLACK ZINC)	COMPACT RECIPROCATING SAW
18	4	M10 SPLIT LOCK WASHER (BLACK ZINC)	TAPE
19	4	M10 HEX NUT (BLACK ZINC)	4MM ALLEN KEY
20	4	LARGE M10 FLAT WASHER (BLACK ZINC)	HAMMER
21	4	M12 CARRIAGE BOLT (BLACK ZINC)	
22	4	M12 POLY RETAINER	
23	2	M14 HEX HEAD CAP SCREW (BLACK ZINC)	
24	2	M14 SPLIT LOCK WASHER (BLACK ZINC)	
25	2	M14 FLAT WASHER (BLACK ZINC)	
26	2	PASSENGER SENSOR TAB	
27	2	DRIVER SENSOR TAB	
28	4	SENSOR PLUG	
29	4	SENSOR EXTENDER	
30	4	M6 HEX HEAD BOLT (BLACK ZINC)	
31	4	M6 SPLIT LOCK WASHER (BLACK ZINC)	
32	4	M6 FLAT WASHER (BLACK ZINC)	
33	8	CABLE TIES	
34	4	DOUBLE SIDED TAPE	

**ANTI-SEIZE LUBRICANT MUST BE USED ON ALL STAINLESS STEEL FASTENERS TO PREVENT THREAD DAMAGE AND GALLING**

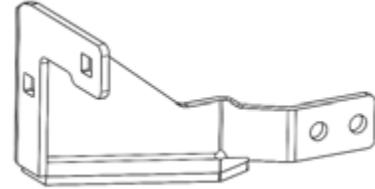
PASSENGER SIDE ITEMS SHOWN; DRIVER OPPOSITE



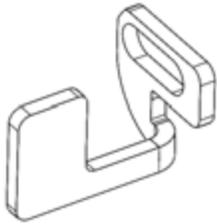
ITEM 1



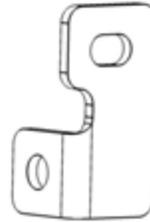
ITEM 3



ITEM 5



ITEM 26



ITEM 7



ITEM 28



ITEM 29



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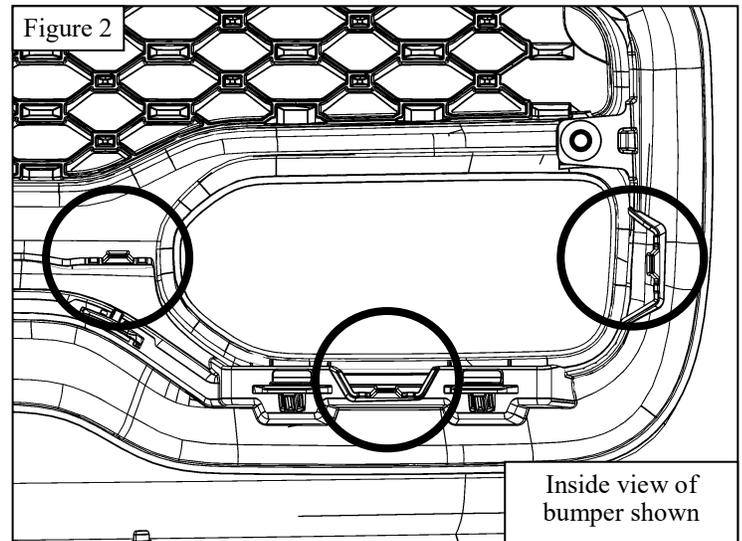
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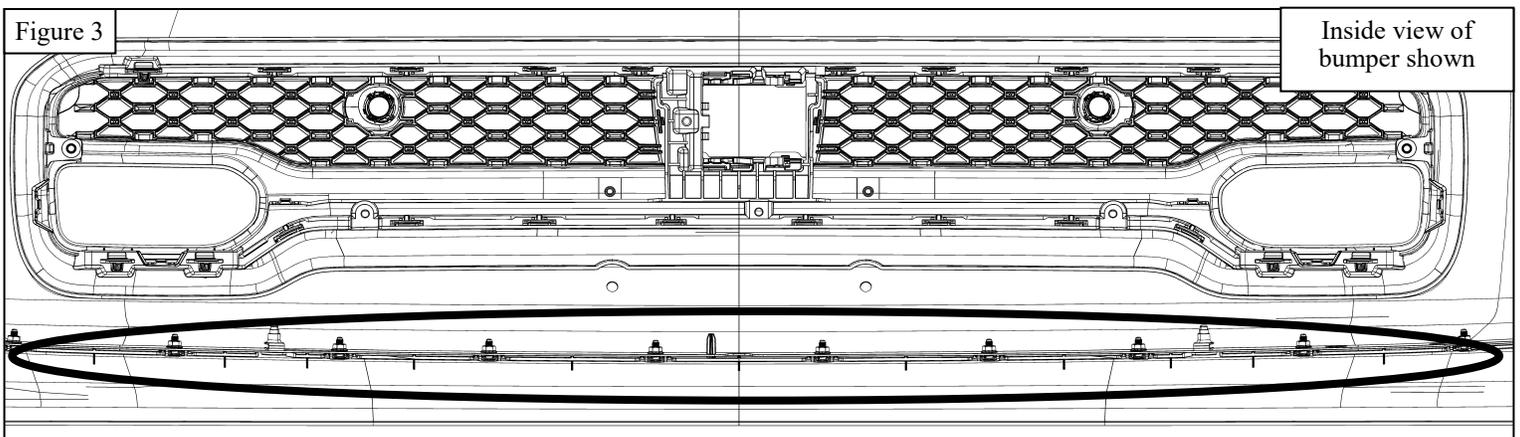
DATE: 12/11/25

## PROCEDURE

1. Remove contents from box, verify if all parts listed are present and free from damage.  
Carefully read and understand all instructions before attempting installation.  
**Failure to identify damage before installation could lead to a rejection of any claim.**
2. Begin by removing both plastic caps for the tow hook attachment area by removing the clips on the sides and bottom (**Fig 1-2**). If tow hooks are present, they will need to be removed and will not be used again.
3. Also, remove the long black plastic bumper trim located at the bottom of the front bumper using a 10mm socket (**Fig 3**).



Inside view of bumper shown



Inside view of bumper shown

4. Locate the active air dam located behind the front bumper and unplug it (**Fig 4-6**).
5. Use a 13mm socket to remove the active air dam by loosening the two nuts located on the studs on each of the driver and passenger side frame structures (**Fig 6**).

Figure 4



Figure 5

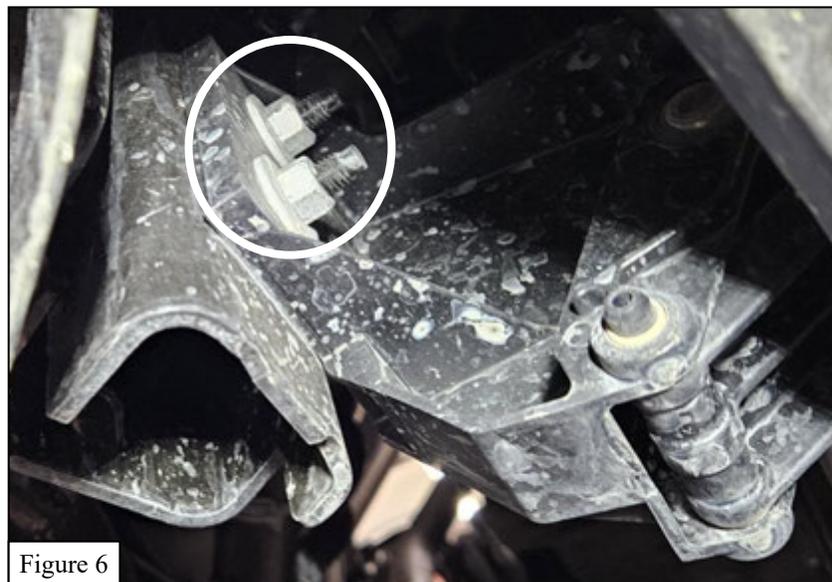
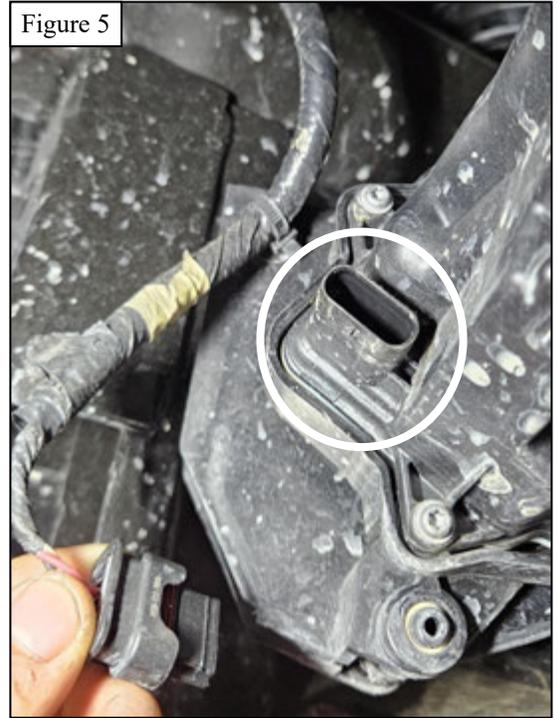
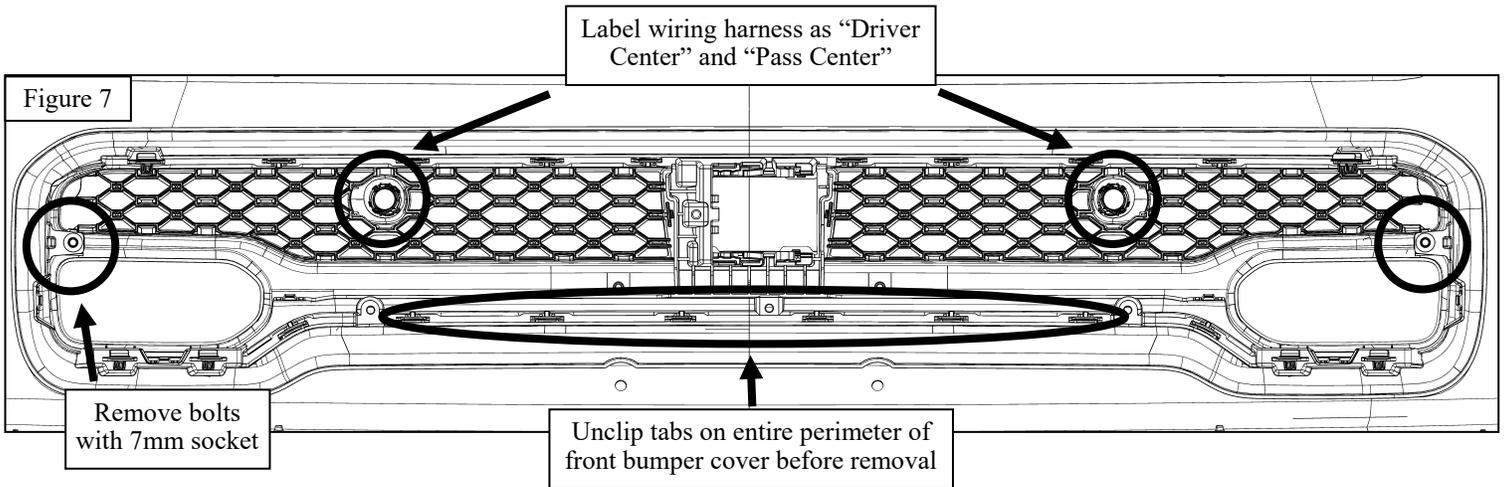


Figure 6

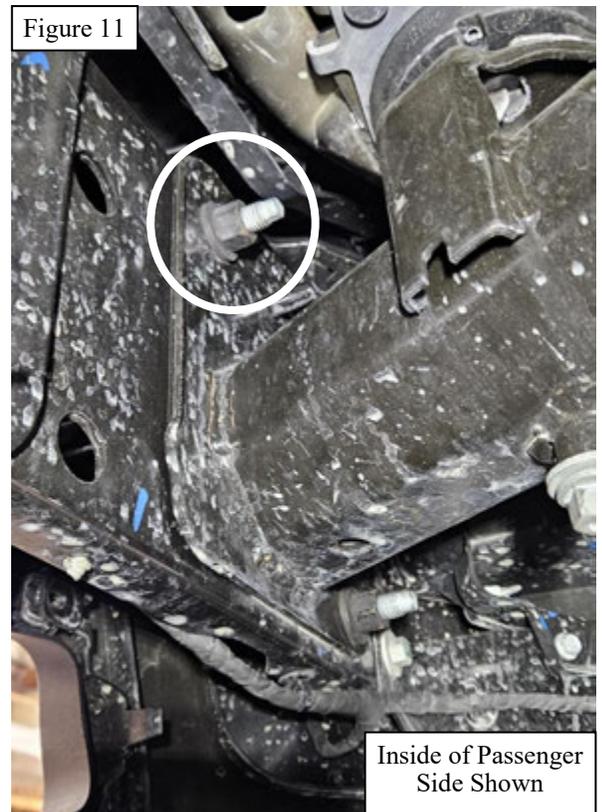
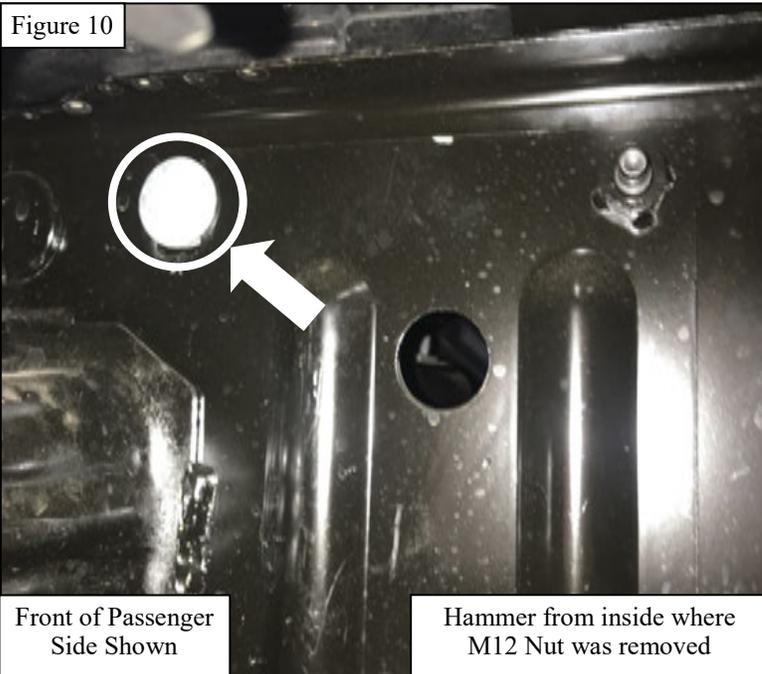
6. Remove the front bumper cover by unclipping it from the bumper and removing the bolts shown below using a 7mm socket. (**Fig 7**). Unplug any parking sensors as well.
7. Use tape or something similar to label the wiring harness at the parking sensor ends according to the specific parking sensor it was plugged into.



8. Unplug the wiring connectors on both the driver and passenger sides of the vehicle (**Fig 8-9**).



9. Use a 18mm socket to remove the factory M12 nut located on the inside of the frame at the location shown in **Figure 10-11**. Then, use a hammer to punch out the factory carriage bolt from the side the nut was removed. A pry bar may also be helpful. Repeat this step for the other side of the vehicle. This hardware will not be reused.



10. Use a 7mm socket to remove the license plate mount on the front of the bumper (Fig 12).
11. Use a 7mm socket to remove the bolts located on the front bumper and within the wheel well shown in (Fig 13-14). Repeat this step on the other side of the vehicle.
12. Use a 18mm socket to loosen the two nuts on the outside of the vehicle's frame on both sides of the vehicle (Fig 15). Do not discard these hex nuts, they will be used again to reinstall the front bumper.
13. Have a 2nd person help remove the front bumper by pulling straight back away from the vehicle. Make sure there are no wires or zip ties preventing the front bumper from coming off of the vehicle. Set the front bumper aside once it is removed.

Figure 12



Figure 13

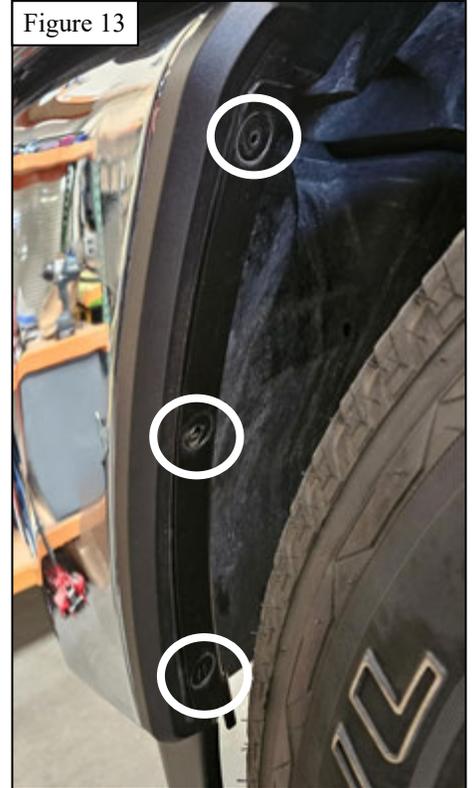
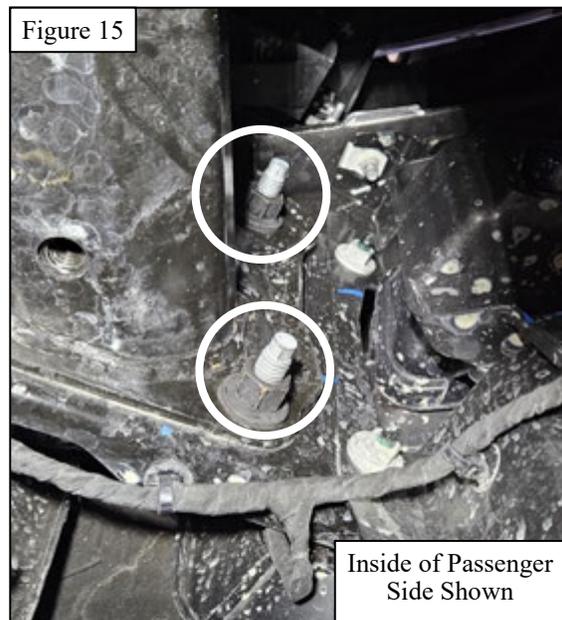


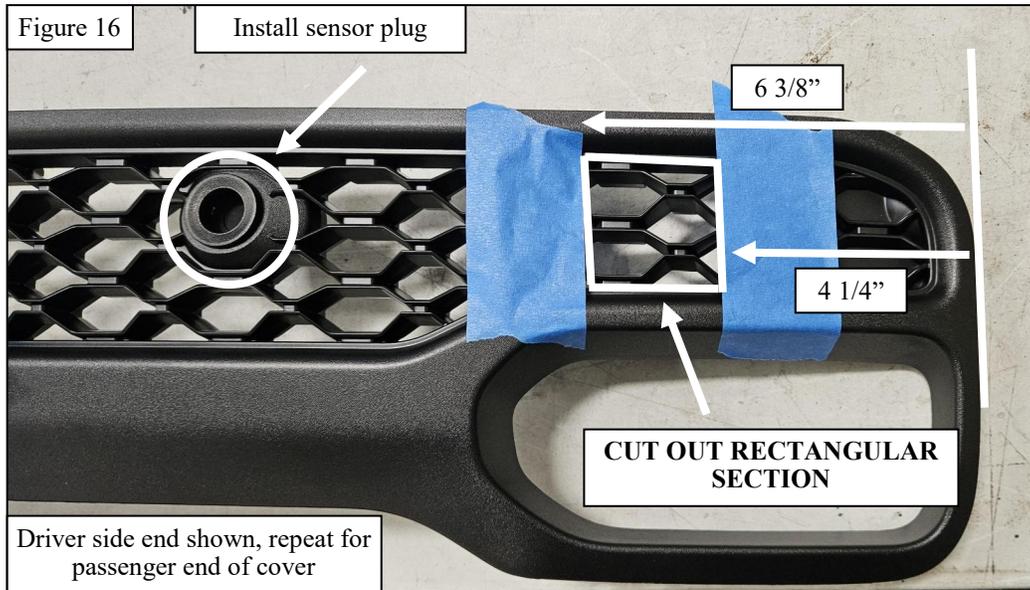
Figure 14



Figure 15

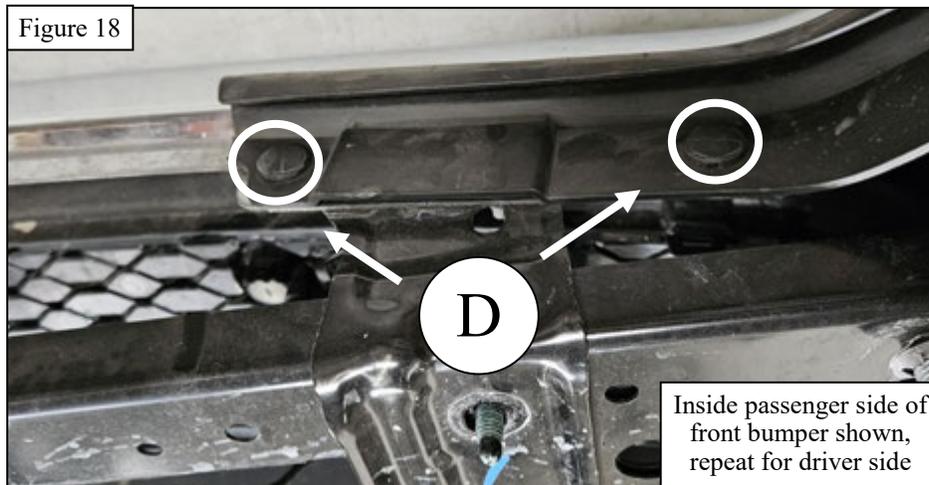
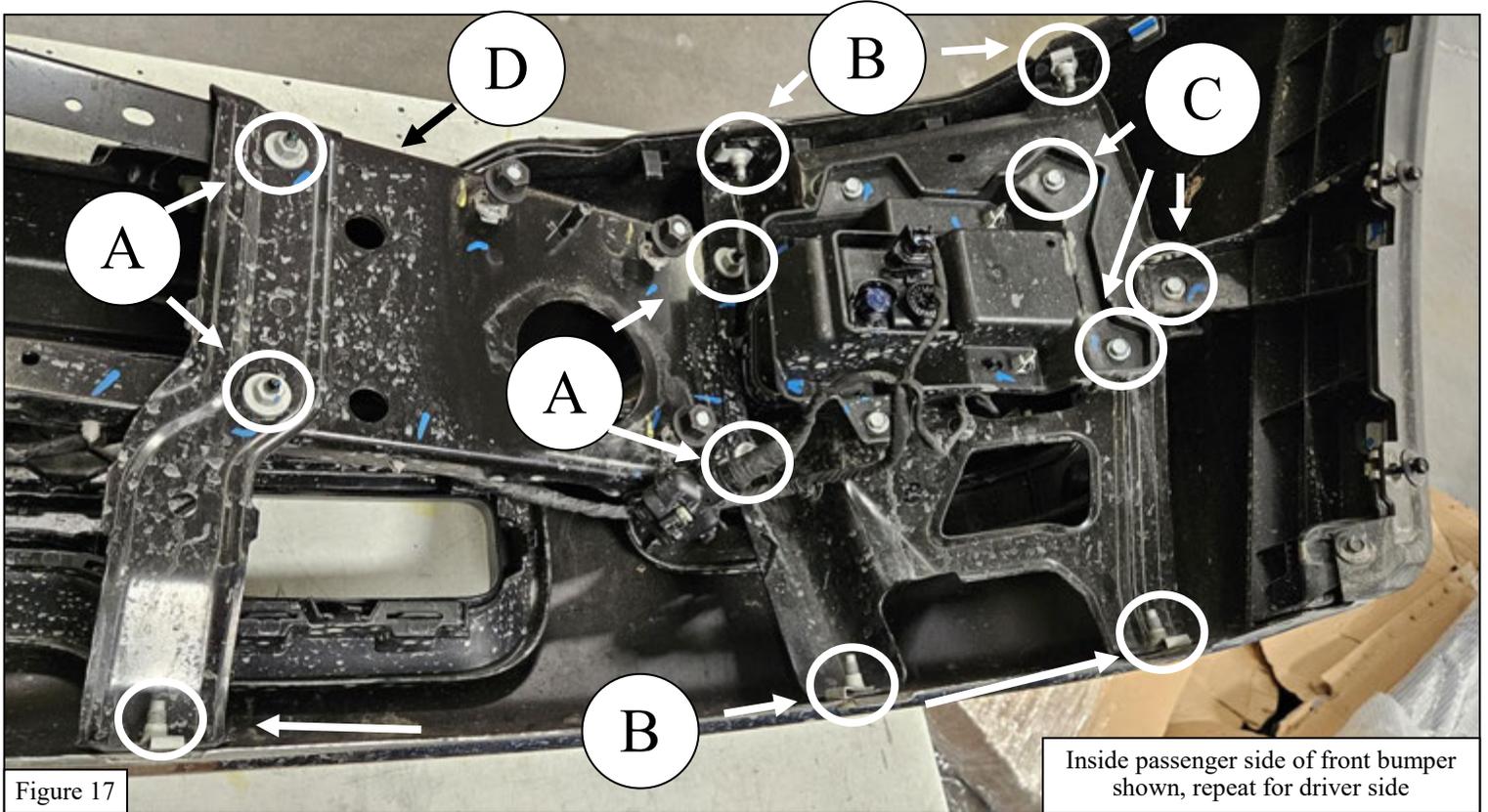


14. Locate the front bumper cover and mark 6 3/8" and 4 1/4" from the driver side edge of the cover (**Fig 16**). Use a compact reciprocating saw to remove a rectangular section. Be careful not to damage any other area of the bumper cover with the saw.
15. Repeat the previous step for the passenger side end of the cover. This trimming is required to install the upper mounting brackets later in the installation process.
16. Remove the parking sensors on the front bumper cover one by one. Use tape or something similar to label the parking sensors as "Driver Center" and "Passenger Center" for the respective sensors. This step is critical since each sensor is responsible for a specific area in front of the bumper.
17. Install the Sensor Plugs (Item 28) from the inside of the cover into the holes where the sensors were previously installed.

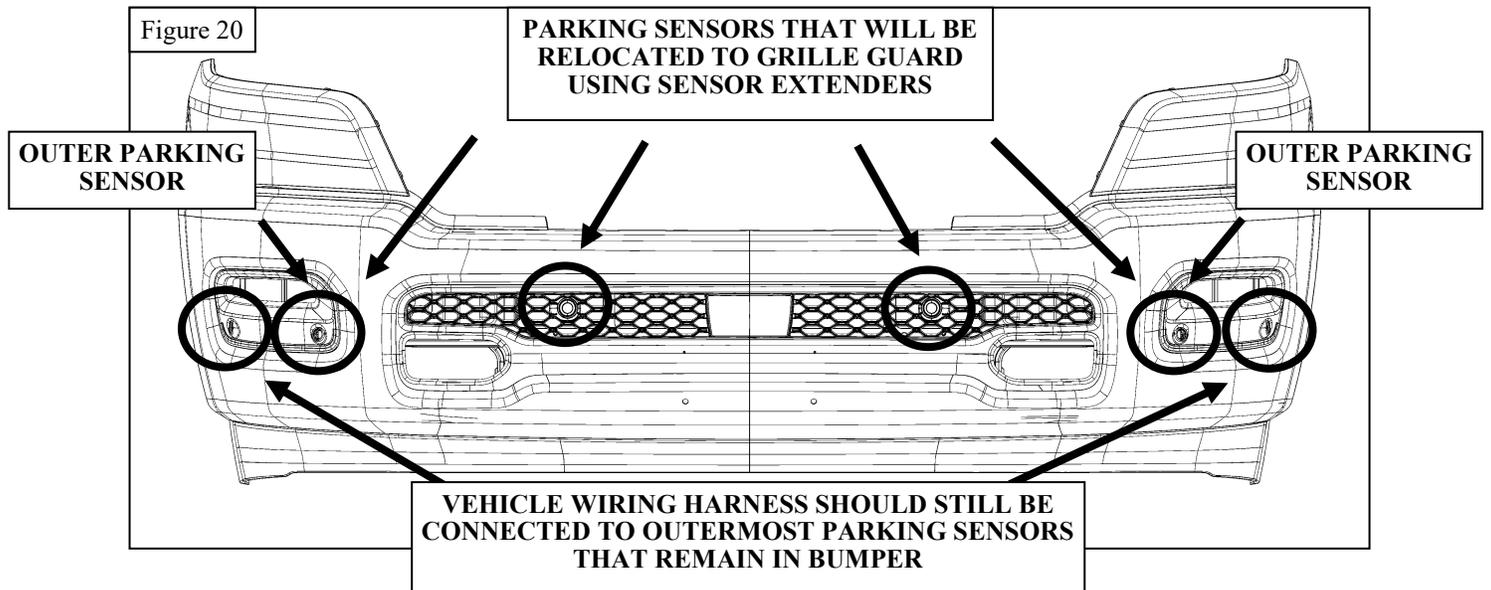


18. The following instructions are for loosening the front bumper's fog light mounting structures (Fig 17).

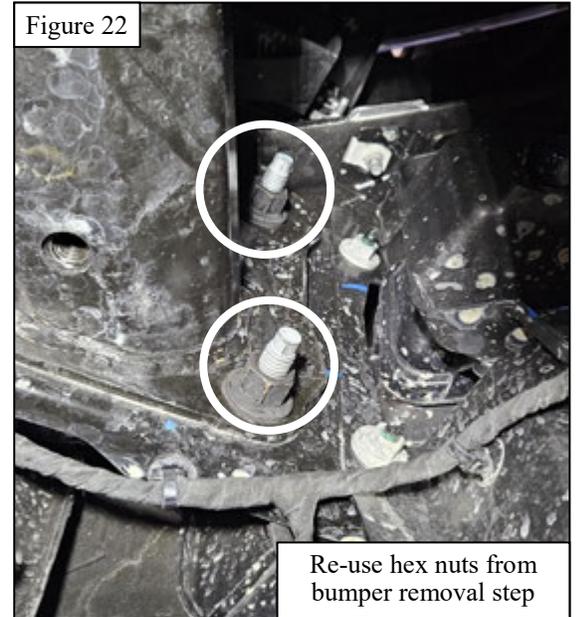
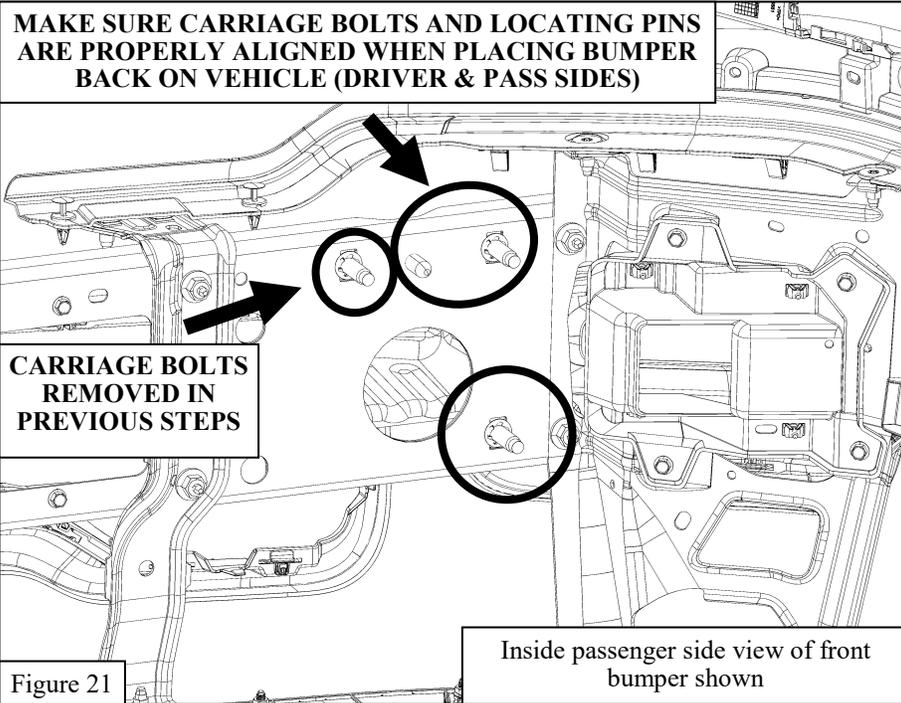
- A. Remove the nuts labeled with an "A" using a 13mm socket.
  - B. Remove the torx bolts labeled with a "B" using a T-40 Torx bit.
  - C. Remove the bolts labeled with a "C" using a 10mm socket.
  - D. Remove the two plastic pins shown in the figures below (Fig 18).
19. Repeat for the driver side of the front bumper.



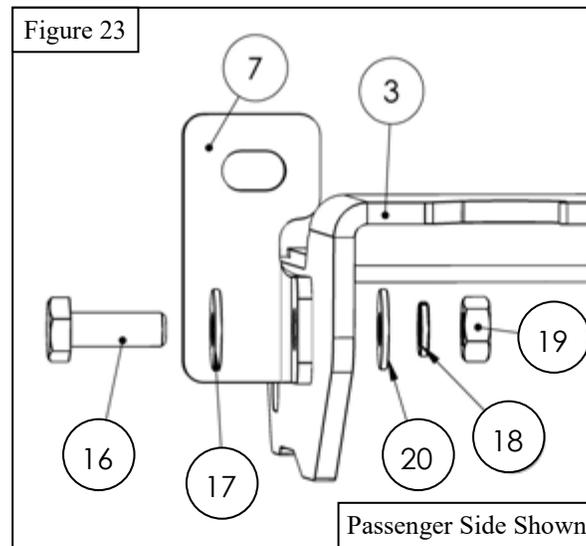
20. Unplug the wiring harness from the bumper's two outer parking sensors and pull out the harness through the fog light mounting structures that are loose (**Fig 19**). **Note: The outer two parking sensors are not the two outermost, refer to (Fig 20)**
21. Next, remove the two outer parking sensors from the bumper and install the sensor plugs in their place.
22. Use the provided Sensor Extenders (Item 29) to connect to each previously removed parking sensors. The vehicle's wiring harness should still be attached to the front bumper's two outermost parking sensors at this instance.
23. The parking sensors will need to be relocated to sit within the HDX Grille Guard (Item 1) (**Fig 20**). The following steps explain how to conduct this process.



24. Reinstall the front bumper, make sure the two carriage bolts and pin (**Fig 21-22**) on both driver and passenger sides of the bumper are properly aligned onto the vehicle's frame. Reuse the four hex bolts to thread onto the carriage bolts, keep the bumper loose for now.



25. Loosely preassemble the Lower Mounting Bracket (2-3) and Lower Support Strap (6-7) with the provided M10 Hardware (**Fig 23**).



26. Attach the preassembled Lower Mounting Bracket (2-3) and Support Strap (6-7) to the frame using the supplied M10 and M14 Hardware (Fig 24-25). **Note:** Leave hardware loose.



Figure 24

Pass Side

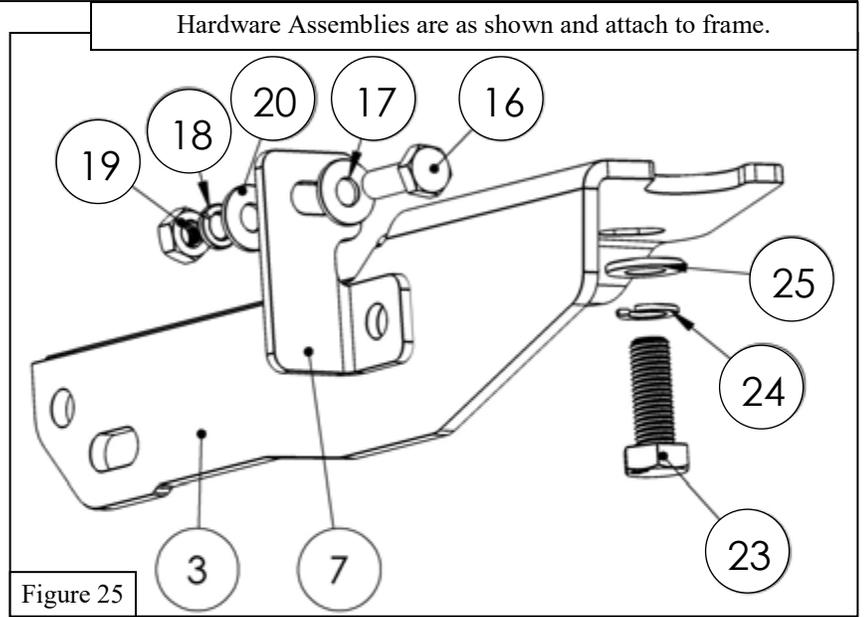


Figure 25

27. Once the lower passenger mounting bracket is installed, fasten the passenger support strap (Item 7) to the front bumper mounting structure shown in the figures below (Fig 26-29).

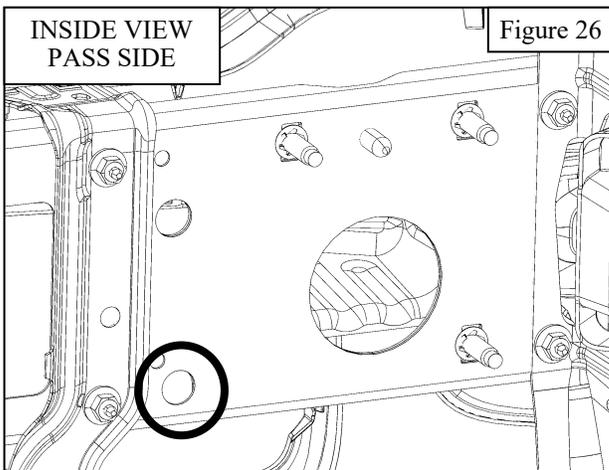


Figure 26

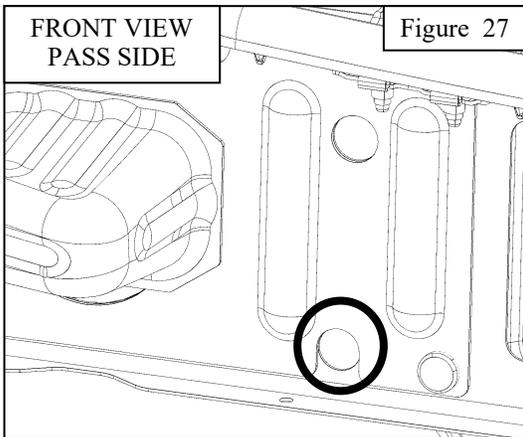


Figure 27

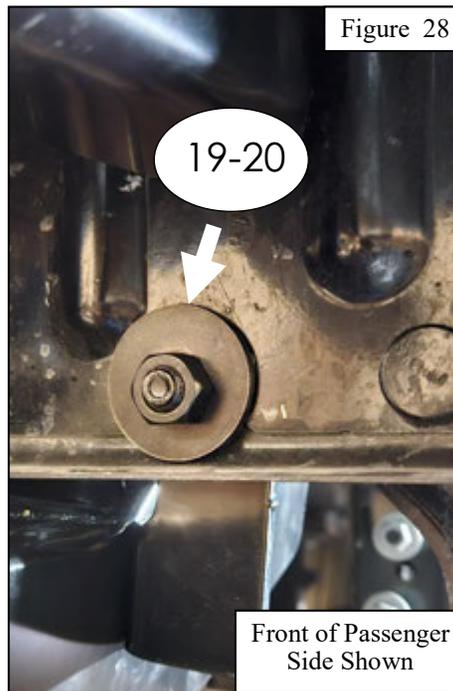


Figure 28

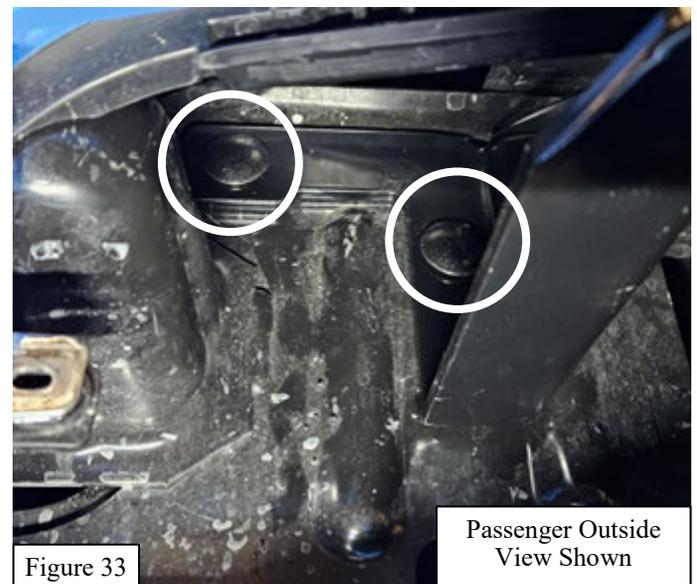
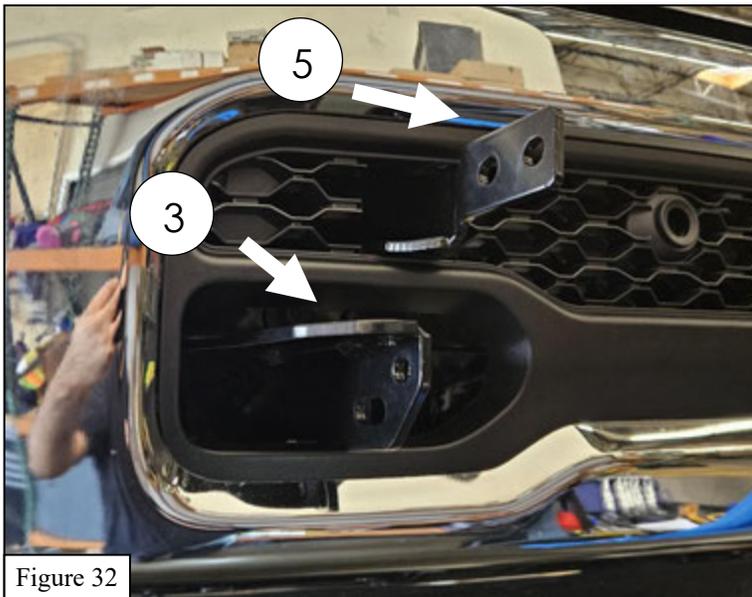
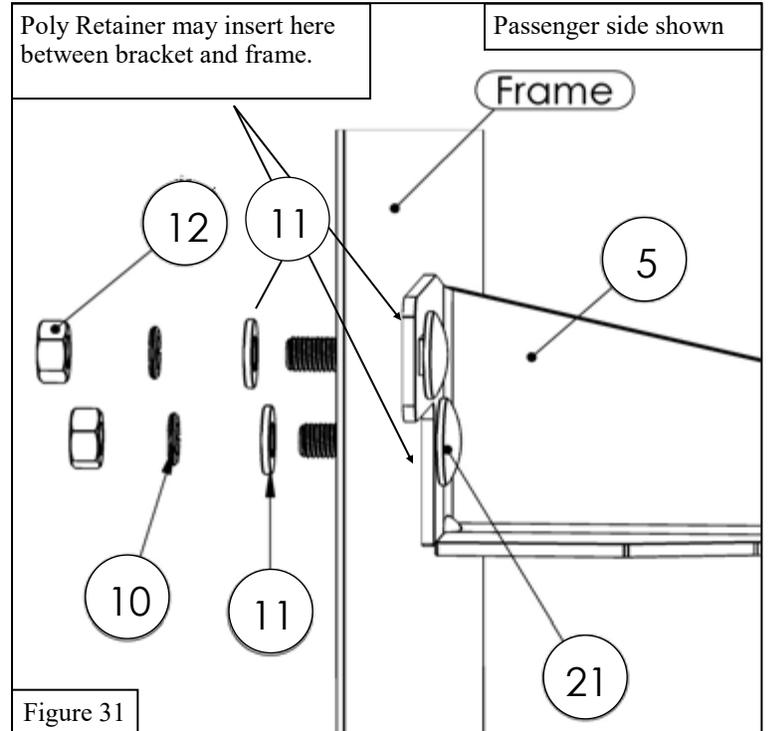
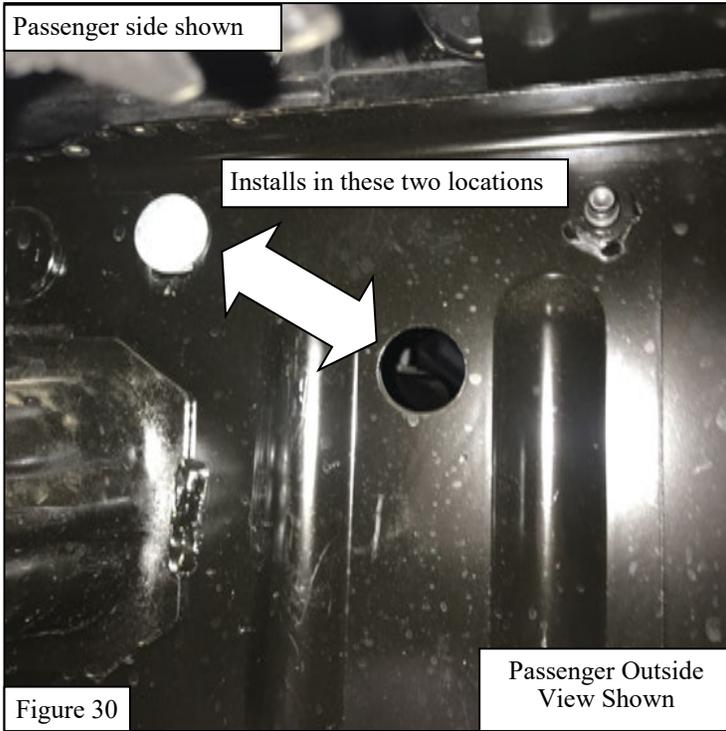
Front of Passenger Side Shown



Figure 29

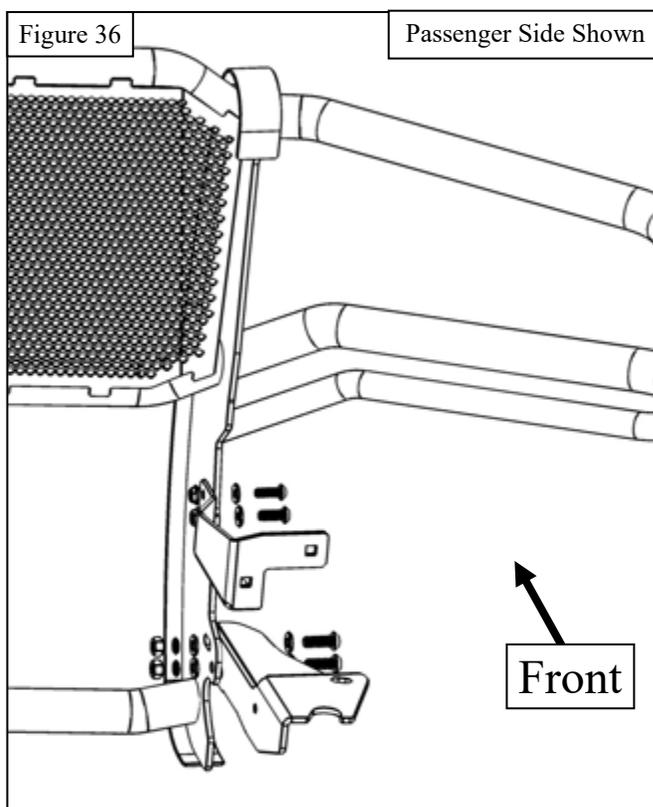
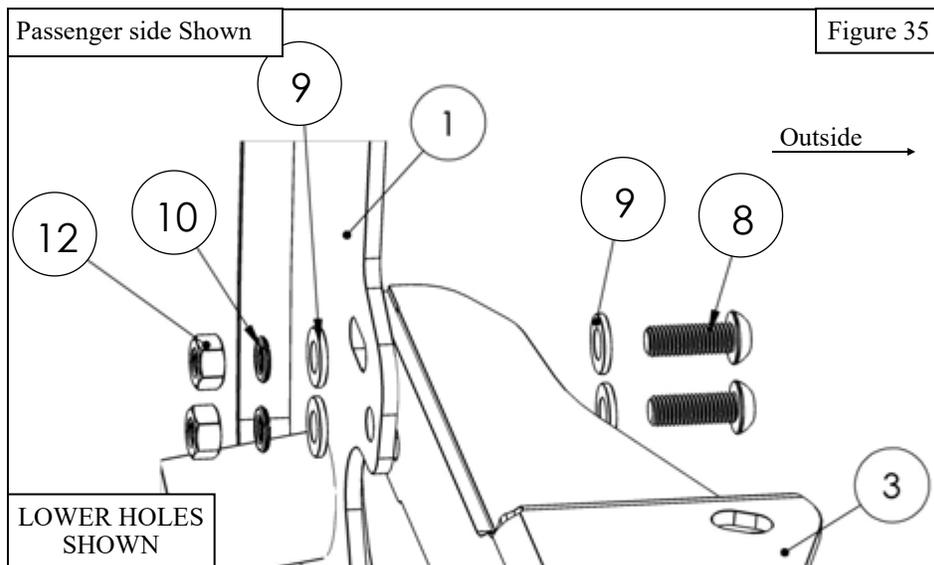
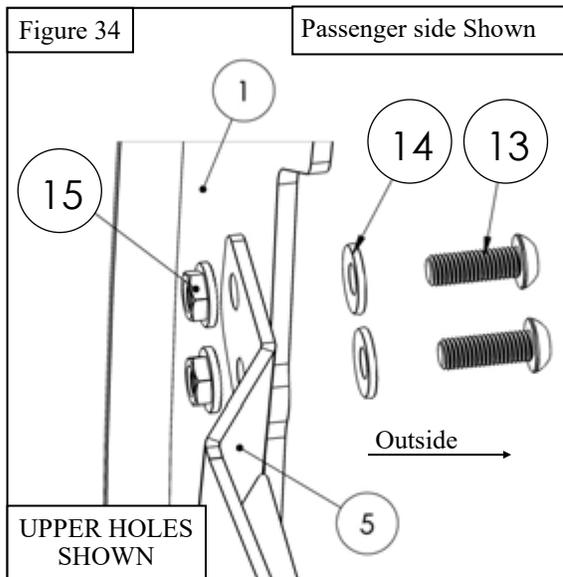
Inside of Passenger Side Shown

28. Reinstall the front bumper cover.
29. Attach the Upper Strap Bracket (4-5) to the frame in the location of the removed carriage bolt. Attach using the provided M12 Hardware (**Fig 30-31**). The upper and lower mounting bracket should protrude past the bumper cover (**Fig 32**).
30. **Fig 33** shows how the passenger upper mounting bracket will look from the front after being installed.
31. **Note:** A Poly Retainer may be used to hold the carriage bolt in place while positioning the brackets.

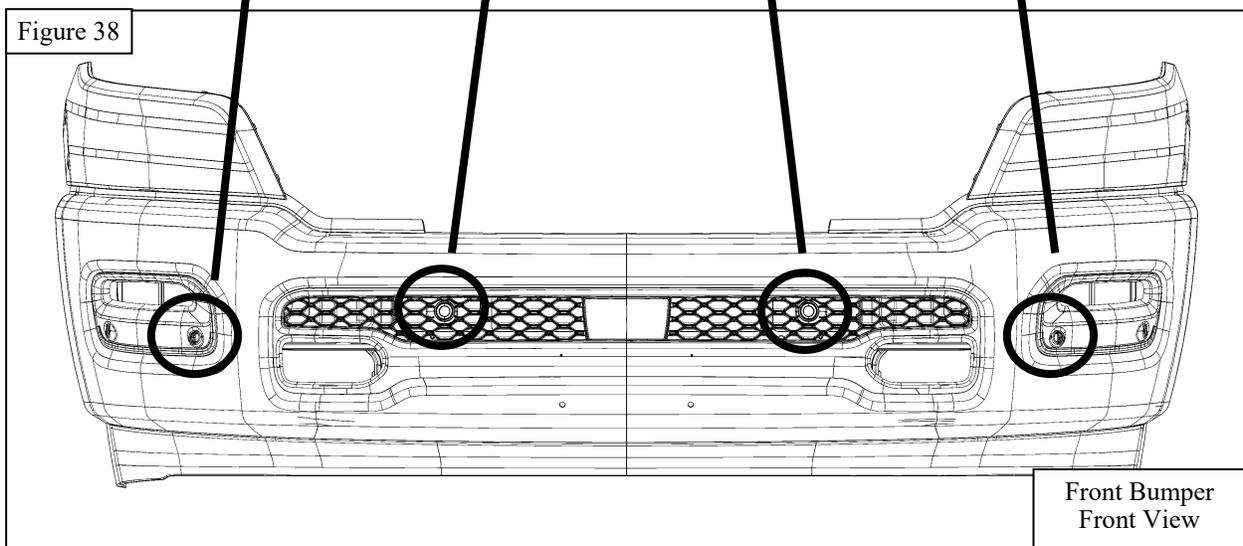
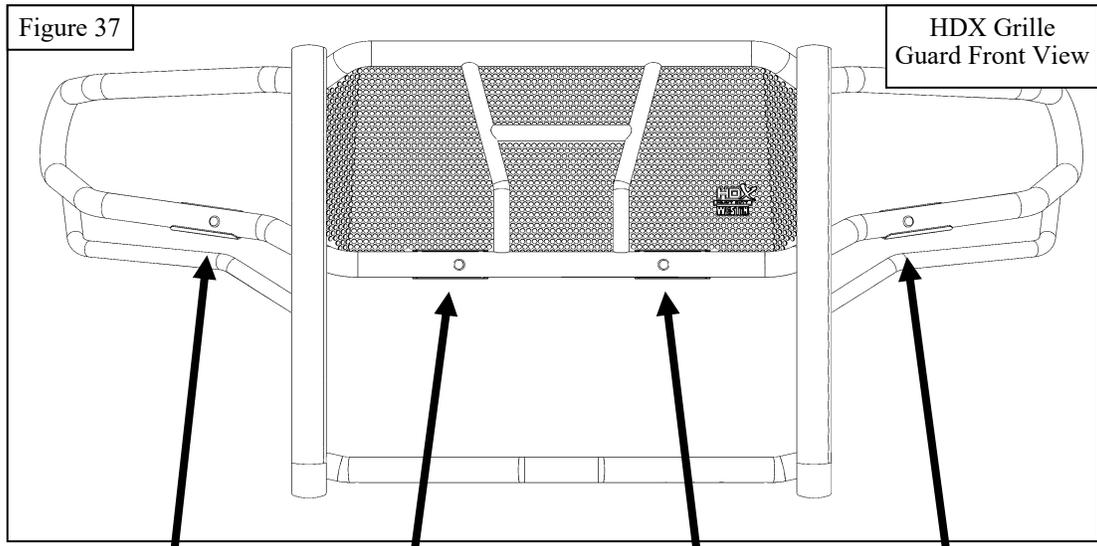


32. Lift the Grille Guard (1) into place. Attach the Grille Guard (1) to the installed brackets using the supplied M10 and M12 Hardware (Fig 34-36).

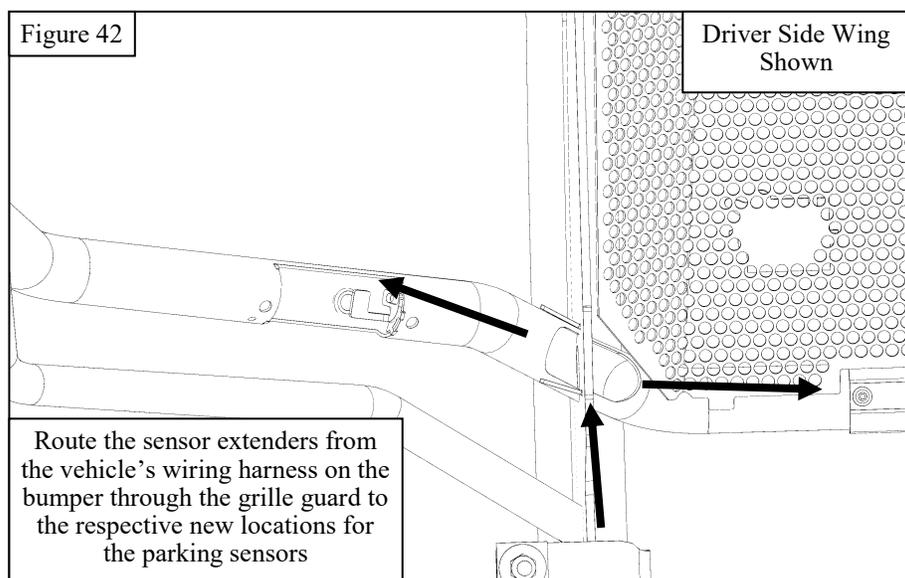
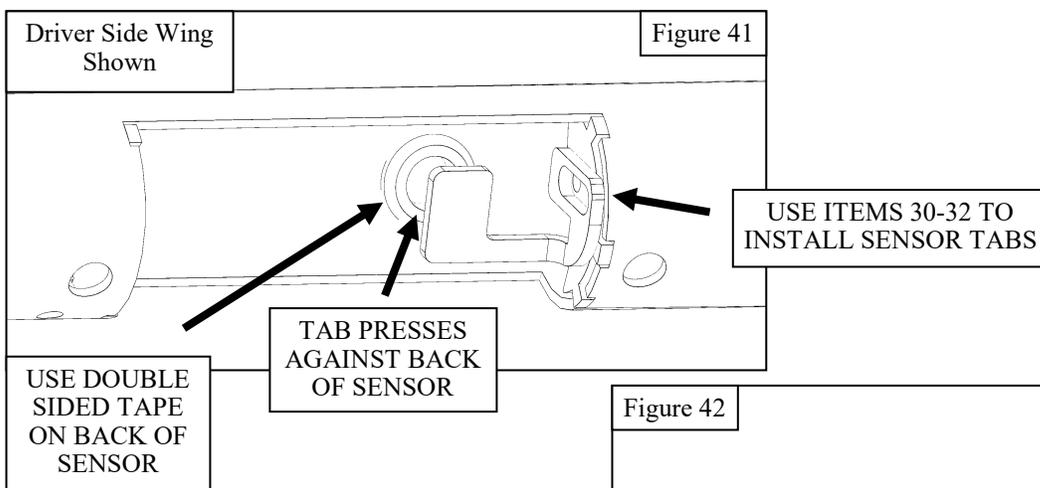
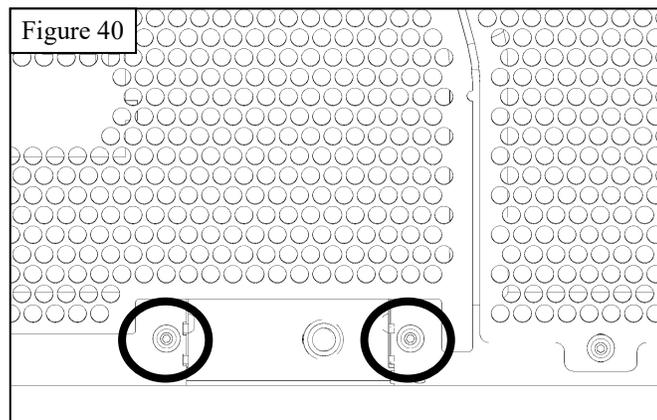
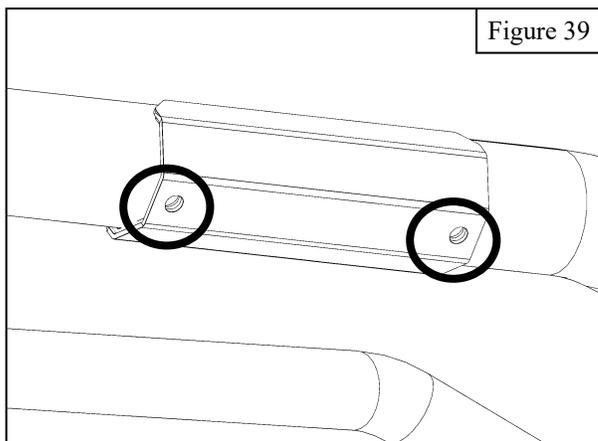
33. Adjust the HDX Grille Guard and all mounting brackets as desired and tighten all hardware: M10 to 32 ft-lbs, M12 to 55 ft-lbs, & M14 to 88 ft-lbs.



34. The figures below show the new locations where the parking sensors will be relocated to (**Fig 37-38**).
35. Connect the ends of the sensor extenders' to their respective locations on the vehicle's wiring harness. Reconnect the plugs that were previously disconnected in Step 8.



36. Remove all four wing covers on the grille guard using a 4mm allen key (**Fig 39-40**).
37. Use the Driver and Passenger Side Sensor Tabs (Items 26-27) and provided M6 hardware (Items 30-32) to install the previously removed parking sensors into their respective hole locations on the HDX Grille Guard. **Fig 41** shows how the passenger side sensor tabs will be installed. Use the provided double sided tape (Item 34) to attach the parking sensors to the sensor tabs.
38. Route the sensor extenders through the vehicle's front bumper and into the openings in the grille guard. Next route the extenders within the HDX Grille Guard's tubes and install the parking sensors in their respective new locations (**Fig 42**).
39. Use the provided cable ties (Item 33) to clean up the wiring. Tighten all M6 hardware to 13 ft-lbs. Reinstall the four wing covers on the grille guard.



## INSTALLATION COMPLETE



### CARE INSTRUCTIONS

- TEXTURE BLACK FINISHES SHOULD BE CLEANED WITH MILD SOAP AND WATER ONLY (DO NOT WAX).
- GLOSS BLACK FINISHES SHOULD BE CLEANED WITH MILD SOAP AND WATER.
- POLISHED STAINLESS PRODUCTS SHOULD BE CLEANED WITH MILD SOAP AND WATER. STAINLESS STEEL POLISH MAY BE USED TO REMOVE SMALL SCRATCHES.
- REGULAR WAXING IS RECOMMENDED FOR GLOSS BLACK AND STAINLESS STEEL PRODUCTS. DO NOT USE WAX THAT MAY CONTAIN ABRASIVES.

**WESTIN**

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## WARNING



Failure to follow these instructions could lead to death, personal injury, and / or property damage.

### **FASTENERS:**

All Westin supplied fasteners must be utilized and installed in accordance with the installation instructions and apply torque to the specifications as defined. **DOUBLE CHECK ALL FASTENERS BEFORE INITIAL USE, AND PERIODICALLY IN THE FUTURE TO ENSURE PROPER FUNCTION AND SAFETY.**

### **DRILLING:**

Most Westin products do not require drilling for installation. If drilling is defined as required, use caution when drilling a vehicle. **FAILURE TO REVIEW AN AREA TO BE DRILLED MAY RESULT IN PERSONAL INJURY AND/OR INJURY TO OTHERS AS WELL AS VEHICLE DAMAGE.**

### **EYE PROTECTION:**

**ALWAYS WEAR SAFETY GLASSES OR GOGGLES DURING THE INSTALLATION PROCESS TO AVOID PERSONAL INJURY.**

### **MAXIMUM TOWING/CARRYING CAPACITY: (if applicable)**

The Westin Receiver Hitches will have a visible tow rating label affixed directly on the product. User should never exceed the vehicle manufacturers maximum tow and weight rating regardless of the capacity of the hitch. **FAILURE TO FOLLOW THESE GUIDELINES WILL VOID THE WESTIN WARRANTY AND MAY RESULT IN PERSONAL INJURY AND/OR INJURY TO OTHERS AS WELL AS VEHICLE DAMAGE.**

### **FOR CALIFORNIA RESIDENTS ONLY-PROP 65 WARNING:**

Some products may contain chemicals such as DEHP, which can cause cancer, birth defects or other reproductive harm. For more info go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)



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