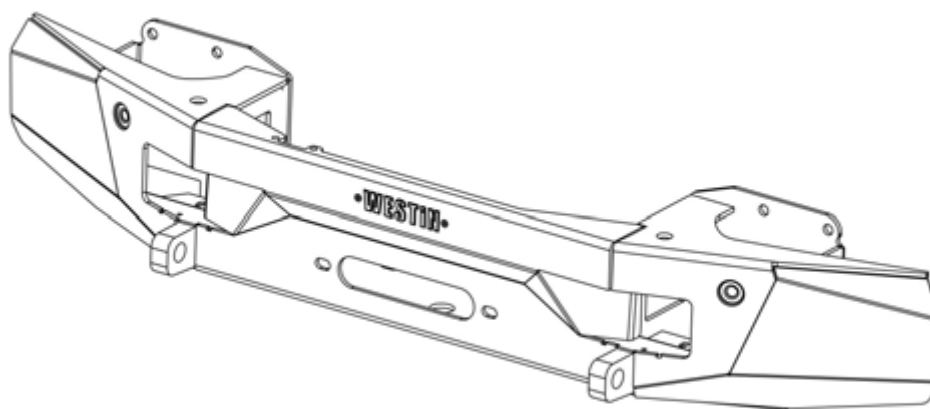


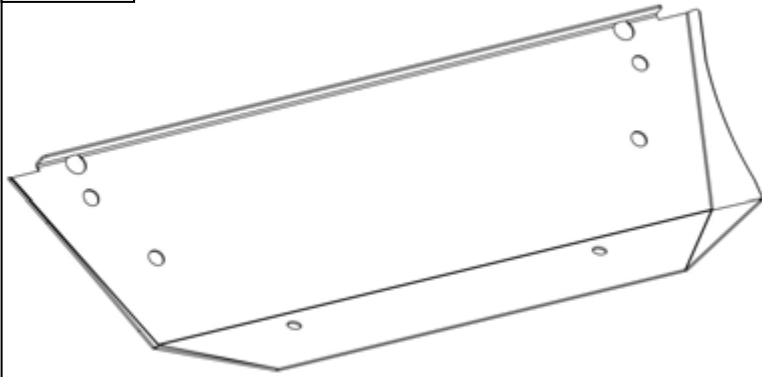
CONTENT			
ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	1	PRO-SERIES MID WIDTH FRONT BUMPER	PRYBAR
2	1	SKID PLATE	TORQUE WRENCH
3	2	RUBBER EDGE TRIM	UTILITY KNIFE
4	1	DRIVER BRACKET	FLAT HEAD SCREWDRIVER
5	1	PASSENGER BRACKET	
6	2	SENSOR TAB	RATCHET
7	2	HARNESS EXTENSION	18MM WRENCH
8	4	M12 CARRAIGE BOLT	18MM SOCKET
9	4	M12 SERRATED FLANGE NUT	17MM WRENCH
10	6	M12 LARGE FLAT WASHER	17MM SOCKET
11	6	M10 BUTTON HEAD BOLTS	13MM WRENCH
12	6	M10 SPLIT LOCK WASHER	13MM SOCKET
13	6	M10 FLAT WASHER	10MM WRENCH
14	8	M8 FLAT WASHER	10MM SOCKET
15	8	M8 SPLIT LOCK WASHERS	ALLEN WRENCH
16	2	M6 SQUARE NECK BOLT	
17	2	M6 SPLIT LOCK WASHER	
18	2	M6 FLAT WASHER	
19	2	M6 HEX NUT	
20	2	M12 LONG HEX HEAD BOLT	
21	2	M12 STOVER NUT (LOCK NUT)	
22	6	M12 FINE THREAD HEX HEAD BOLT	

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

ITEM 1



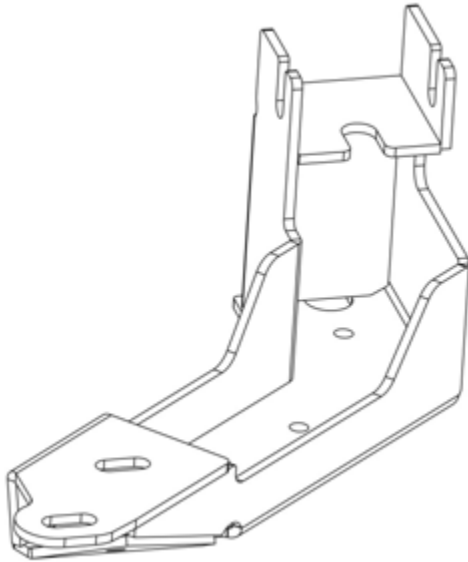
ITEM 2



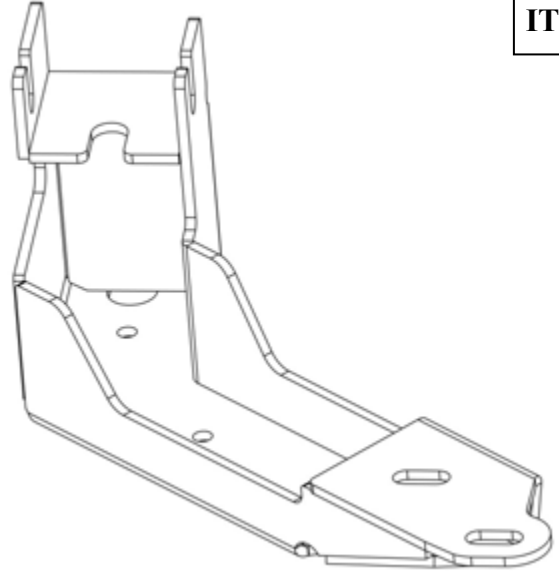
ITEM 3



ITEM 4



ITEM 5



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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.

OE Bumper Removal

2. Remove the screws that are located on the top of the grille. See **Figure 1** for reference.
3. Right behind the top grille is a screw that will need to be removed. An extension will be needed to remove the screw. See **Figure 2** for reference.
4. Just above the license plate are two caps that can be removed to reveal two screws which need to be removed. See **Figure 3** for reference.

Figure 1

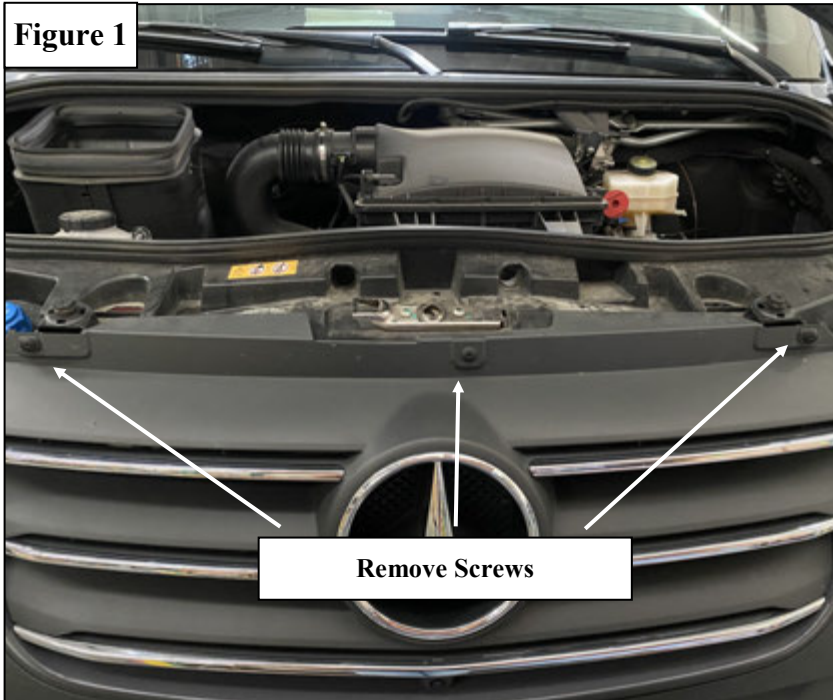


Figure 2

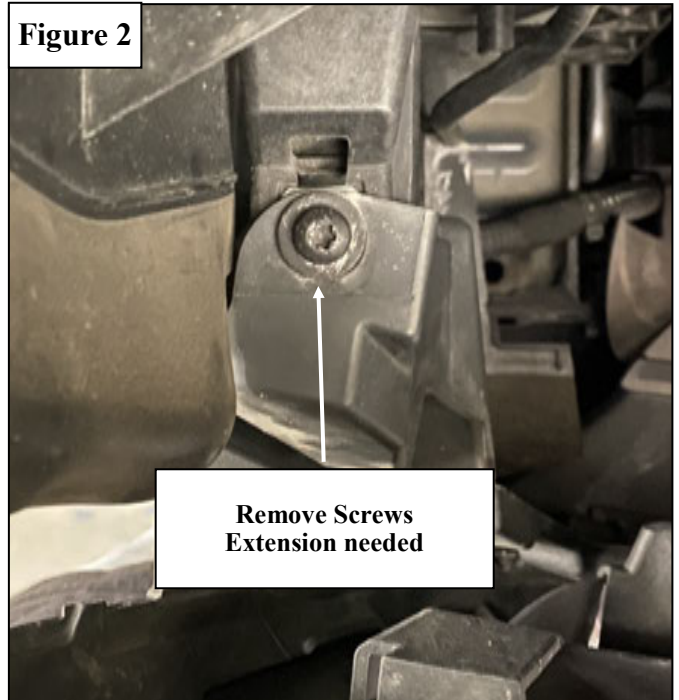


Figure 3



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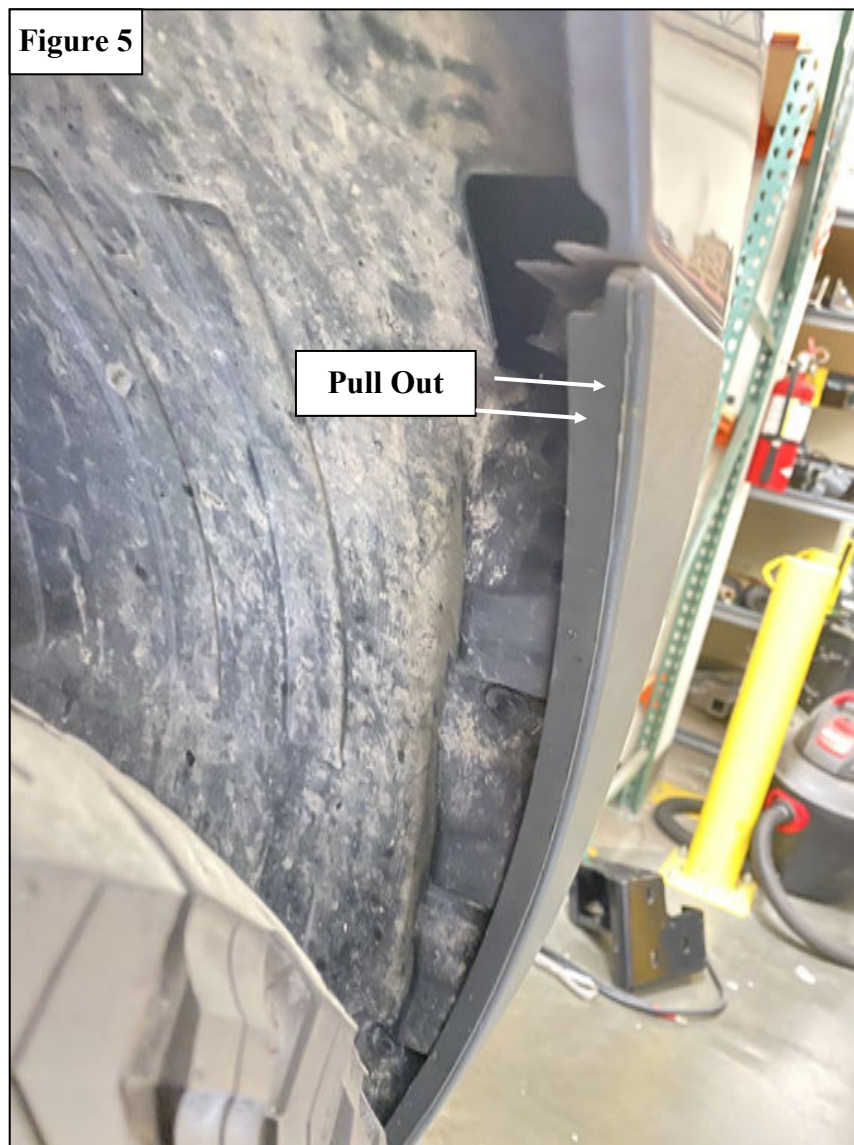
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5. Along the bottom of the bumper and the fender are plastic clips which will release the bumper from the vehicle. See **Figure 4 & 5** for reference.
6. Disconnect all the cables that are connected to the front camera, parking sensor, and fog lights (if equipped).

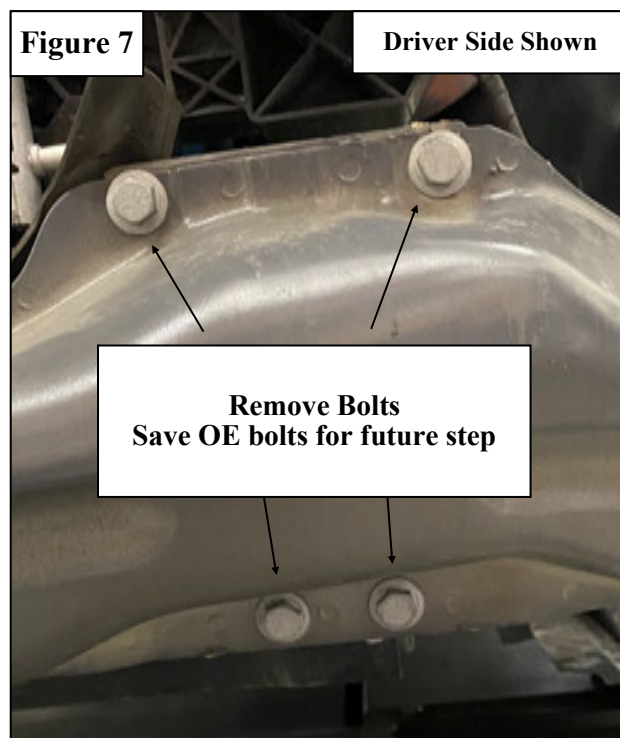
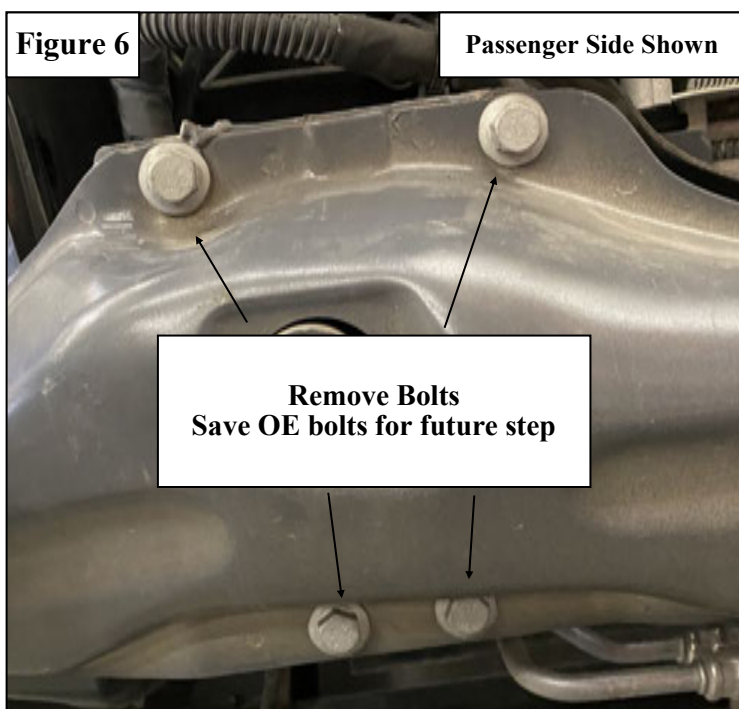
Figure 4



Figure 5



7. Remove the adaptive cruise control, the rubber divide and the bolts that are located on the side of the frame.
NOTE: handle the adaptive cruise control with caution since it is sensitive.
8. Remove the crash bar from the vehicle. Save the OE hardware as they will be reused. See **Figure 6 & 7** for reference.



OE Bumper Trimming Procedure

NOTE: It is recommended to use masking tape, ruler, and marker for the trimming procedure. The trimming procedure consists of 4 steps.

- Measuring and marking each of the 6 key points.
- Connecting the key point with masking tape.
- Double checking measurements.
- Trimming using a cutting tool.

Legend:

Trim Line●
Bumper Reference Line - - - - -
Key Point ○
Bumper Reference Point ⊕

Figure 10

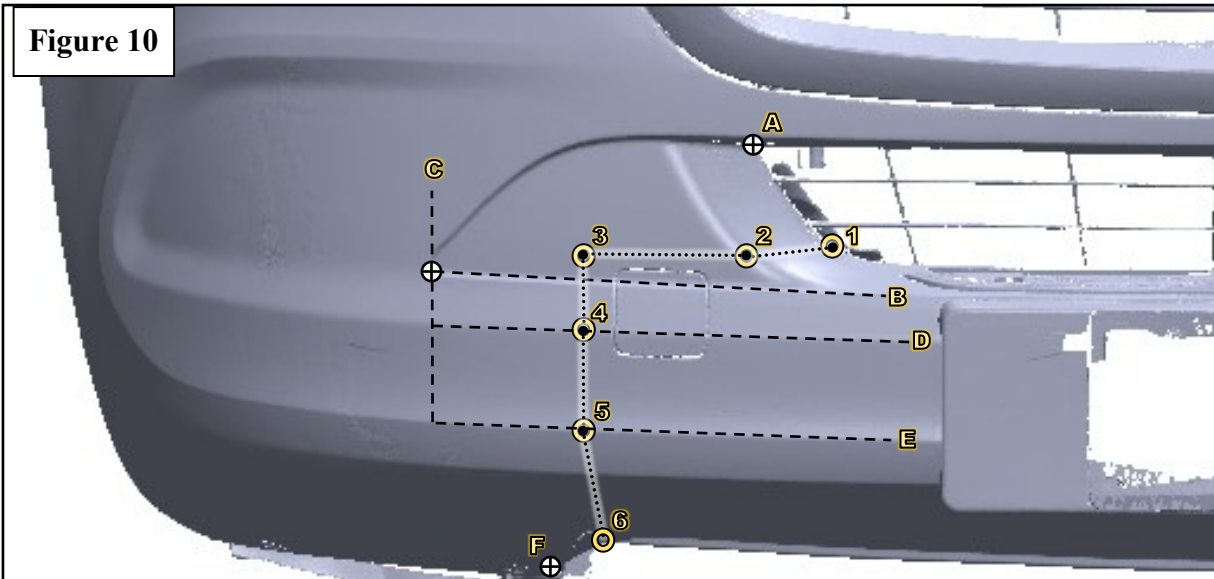
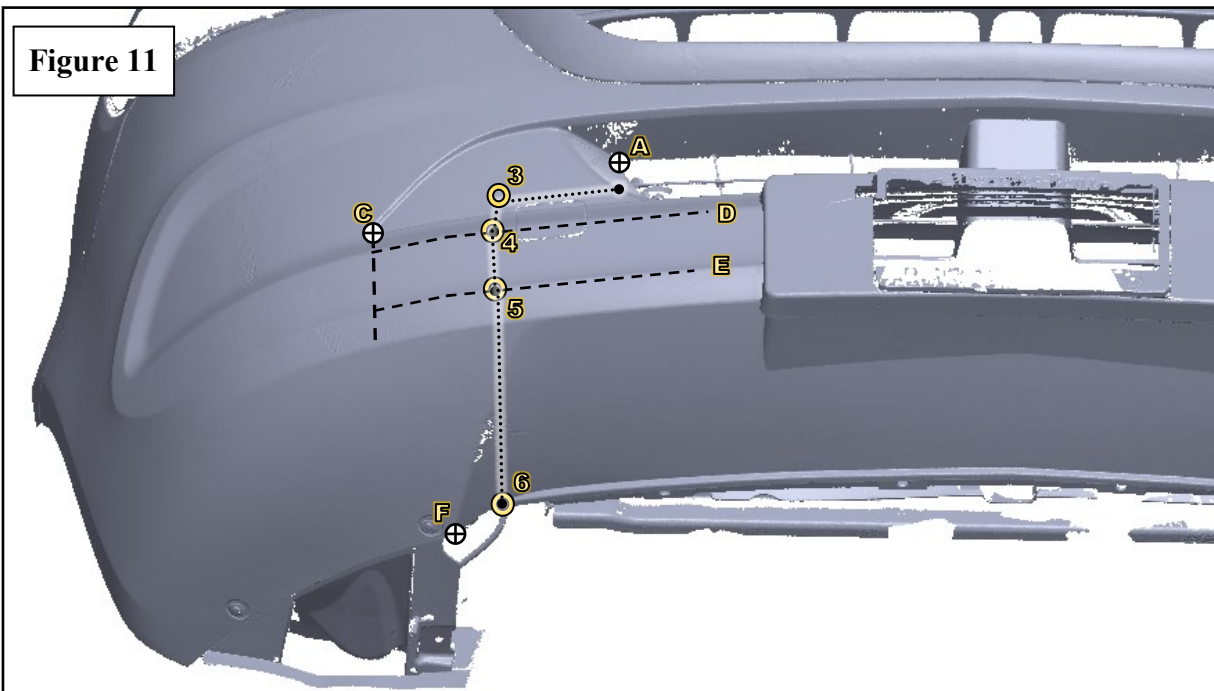


Figure 11



10. Key point 1 is located 4in from bumper reference A. Measure 4in along the edge of the plastic and mark **key point 1**.
11. Find bumper reference line B and measure a line parallel $\frac{3}{4}$ in above it. Mark that trim line across. The limits of this trim line are located at **key points 2** and 3.
12. Find bumper reference point above line C and measure $5\frac{1}{4}$ in along reference line B. Go up $\frac{3}{4}$ in and mark **key point 3**.
13. Find bumper reference line C and measure $5\frac{1}{4}$ in along reference line D and mark **key point 4**. (3" below key point 3)
14. Find bumper reference line C and measure $5\frac{1}{4}$ in along reference line E and mark **key point 5**. (1 $\frac{1}{2}$ " below key point 4)
15. Draw trim line from key point 5 to 4 and extend up to key point 3. Mark key point 3 this is the corner of your cut.
16. Key point 2 is located along trim line from step 11 and corner of plastic bumper.
17. Connect key points 1 and 2 following curve on plastic to complete that segment of the trim line.
18. Find bumper reference F and measure 2 in along the edge of the plastic to mark **key point 6**. (Next page)
19. Once you have marked the trim line, double check measurements, repeat on the opposite side and trim bumper.

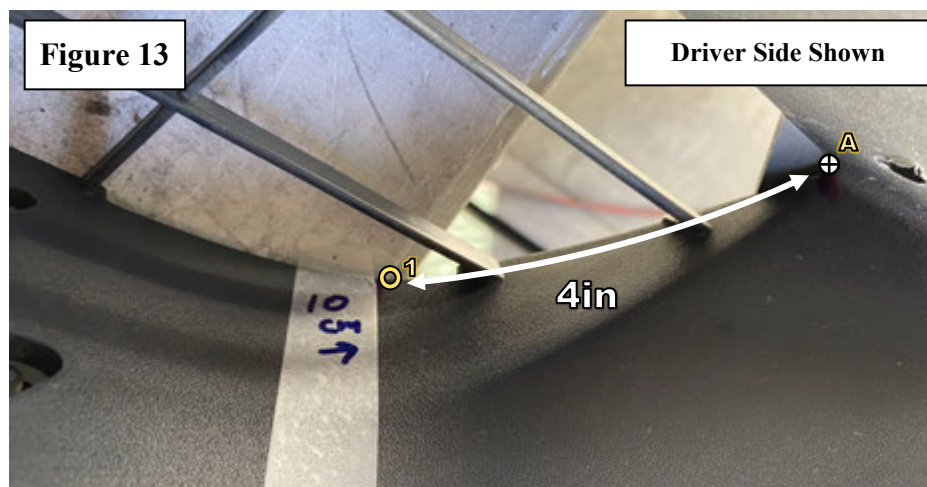
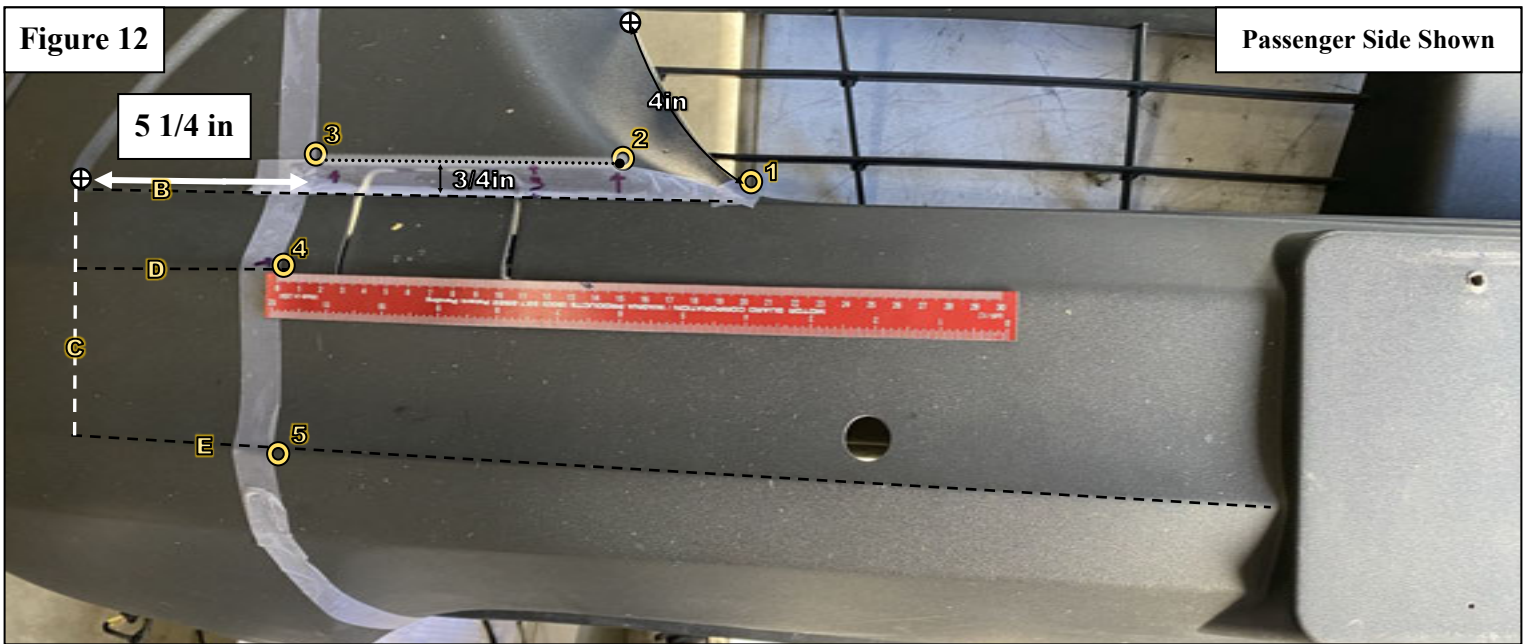
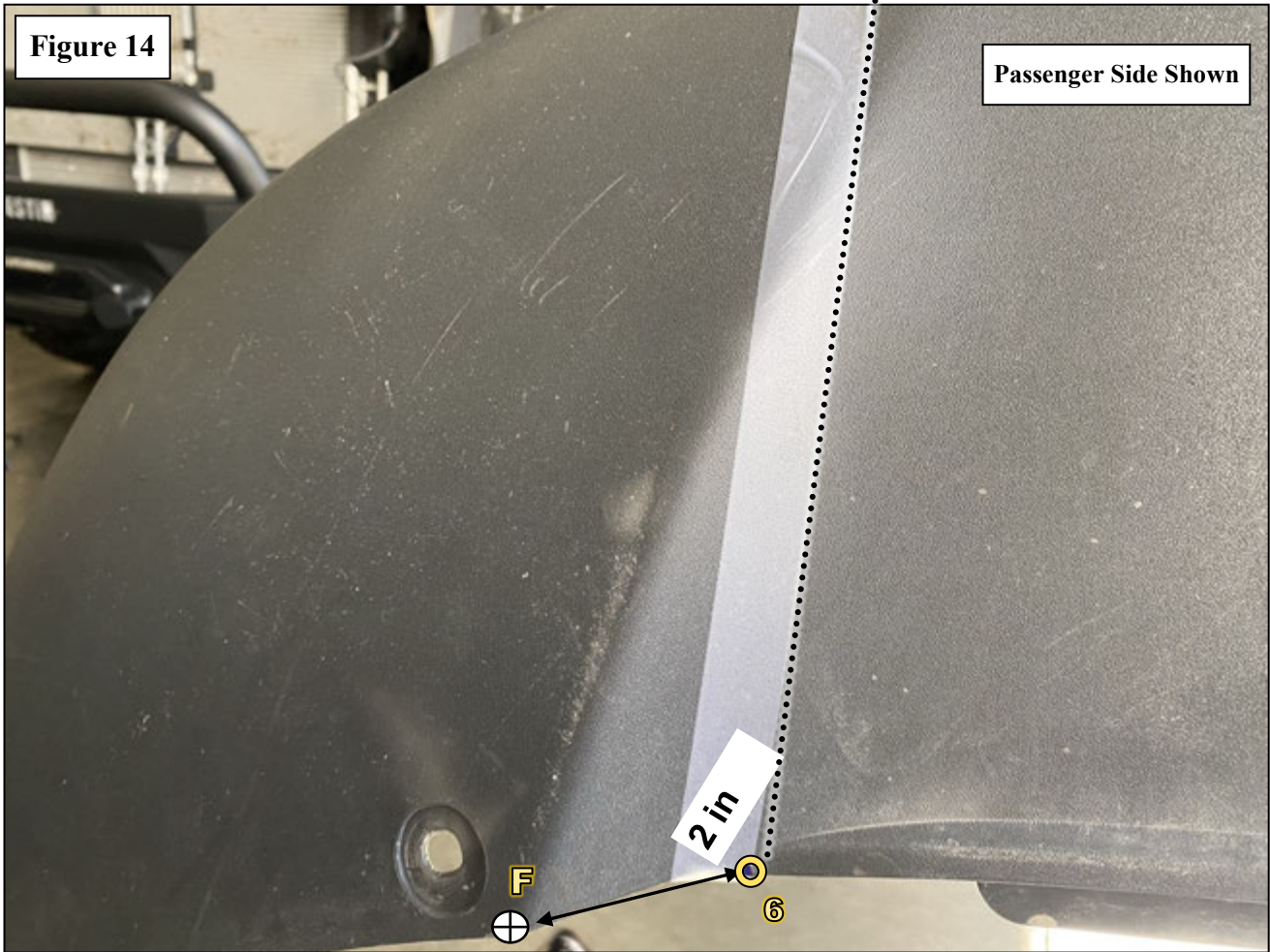


Figure 12



Pro-Series Mid Width Front Bumper Installation

20. Using the M12 fine thread hardware provided* (**Items 22 and 10**) loosely attach the Driver Bracket (**Item 4**) and Passenger Bracket (**Item 5**). Use the M12 Large Flat Washer (**Item 10**) for all three bolts. See **Figure 15** for reference.
*OEM bolts may be reused if available. **See **Note 15** if frame side holes are missing.
21. Using the OE hardware and the hardware provided (**Item 14-15**) loosely attach the Pro-Series Mid Width Front Bumper (**Item 1**) on the front of the frame. See **Figure 16 & 17** for reference.
22. Using the hardware provided (**Item 16-19**), sensor tab (**Item 6**), and harness extension (**Item 7**), start by connecting the parking sensor and adding the winch. See **Figure 18** for reference.

Note 15

Certain 2WD and 3500 models do not come with the factory bolt locations on the side of the frame. SEE NEXT PAGE FOR DRILLING INSTRUCTIONS

Figure 15

Passenger Side Shown

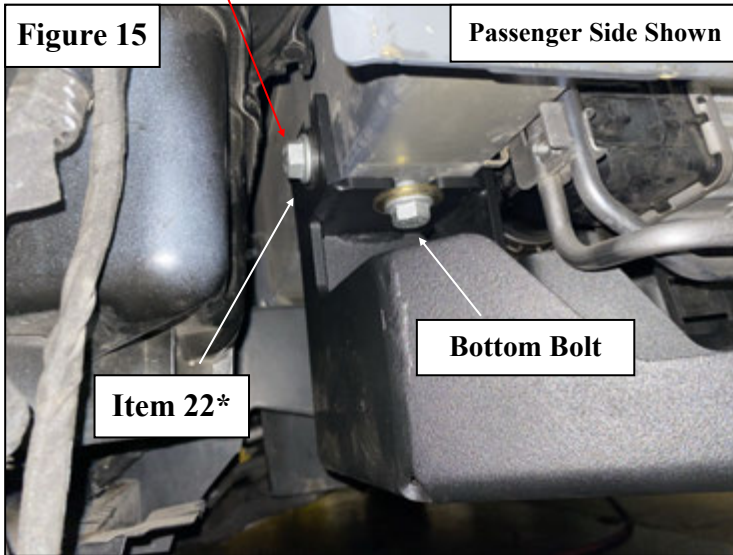


Figure 16

Passenger Side Shown

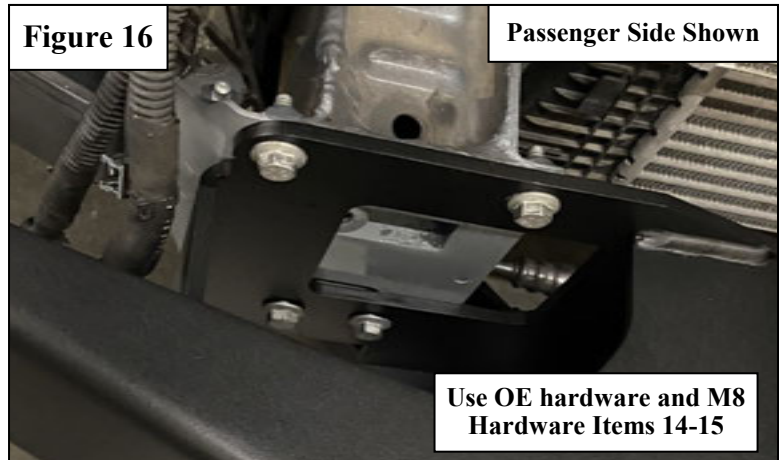


Figure 17

Driver Side Shown

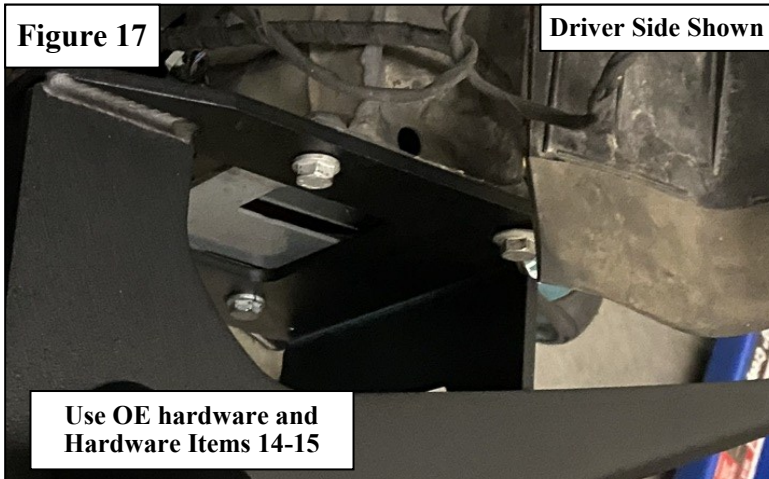
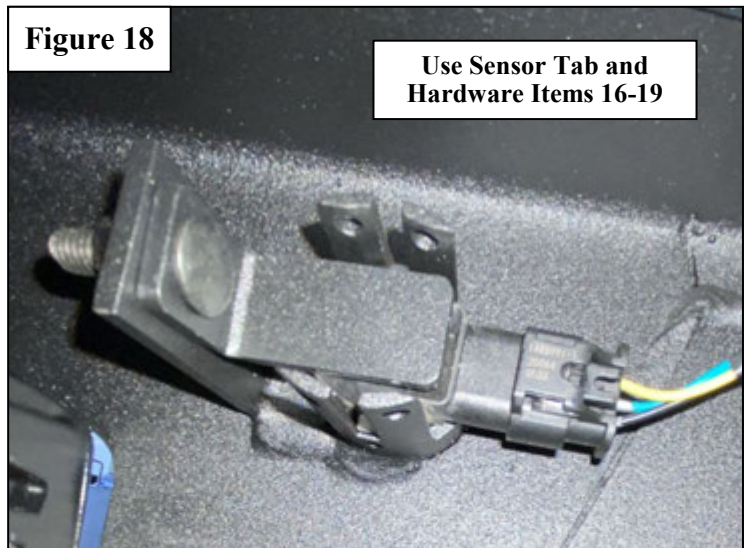


Figure 18

Use Sensor Tab and Hardware Items 16-19



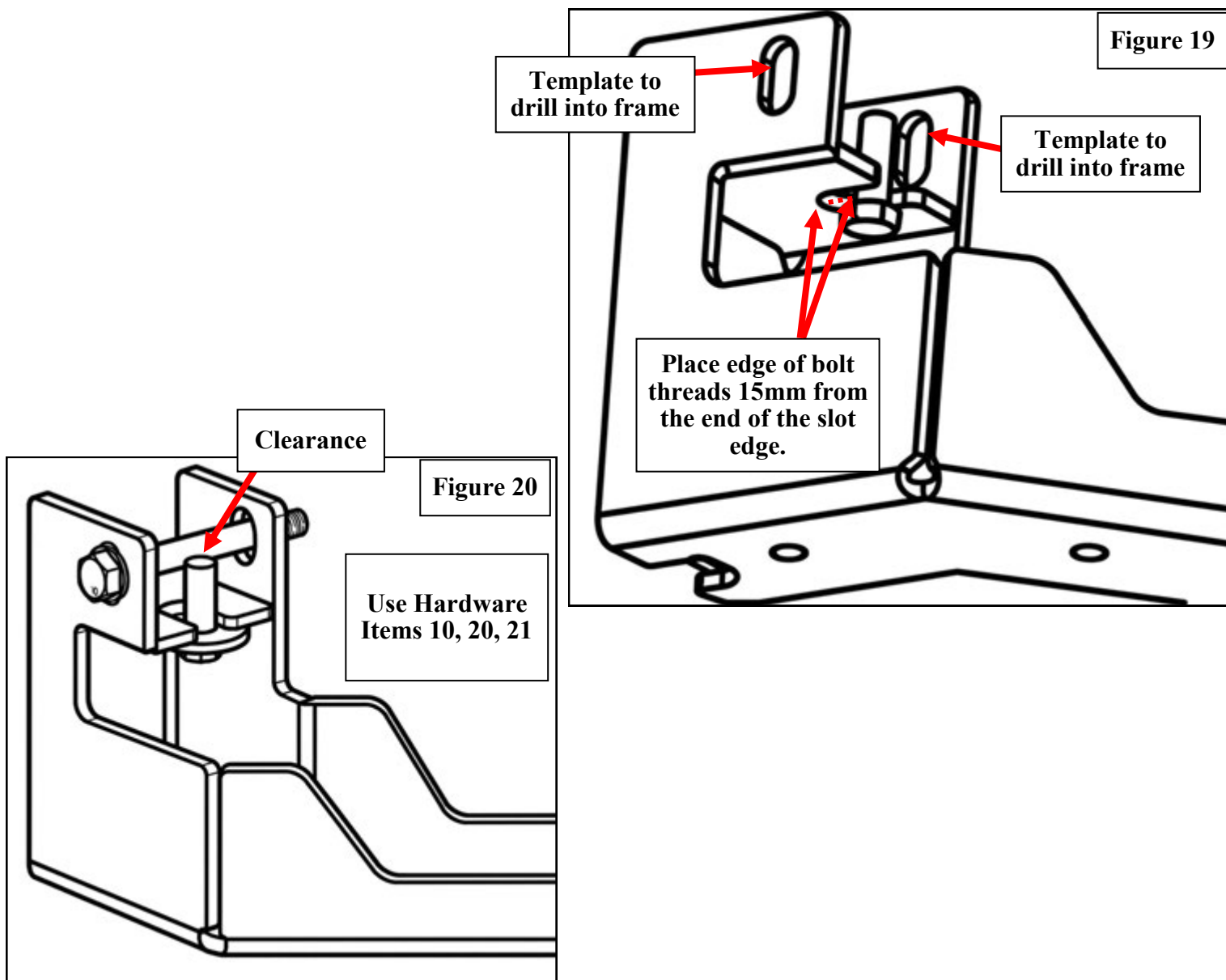
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Note 15 SKIP THIS PAGE if your vehicle has the factory bolt hole locations on the side of the frame.

Certain 2WD and 3500 models do not come with the factory bolt locations on the side of the frame.

1. Temporarily fasten the passenger bracket (**Item 5**) to the bottom of the frame with the fine thread hex head bolt (**Item 22**). Use the passenger bracket (**Item 5**) as a template to mark the drill hole location on both sides of the factory frame.
2. IMPORTANT. Shift the bracket rearward so the bottom bolt is slightly forward in the slot. 15mm offset from the edge of the hole to the bolt threads is sufficient. See **Figure 19**
3. The long through bolt you will use after drilling the holes needs to clear the bottom bolt. See **Figure 20**. Use a 9/16" drill bit to drill a hole on both sides of the frame as indicated by the bracket. Use the long bolt (**Item 20**), (2) M12 washers (**Item 10**), and stover lock nut (**Item 21**) to bolt through the bracket and frame. Note: The passenger side has a large black plastic DEF tank next to the frame. It must be temporarily unbolted and shifted out of the way to make room for drilling.
4. Repeat for driver side.



23. Using the hardware provided (**Items 8 and 9**) attach Item 1 to the brackets Item 2 and 3. See **Figure 19**
24. Using the hardware provided (**Items 11-13**) loosely attach the Skid Plate (**Item 2**) to the Driver Bracket (**Item 4**), Passenger Bracket (**Item 5**), and Pro-Series Mid Width Front Bumper (**Item 1**). See **Figure 20** for reference.
25. Align and adjust the Pro-series Mid Width Front Bumper assembly as necessary. Tighten and torque all hardware as specified: M12 to 45-50 ft-lbs., M10 to 35 ft-lbs., M8 to 15-18 ft-lbs., and M6 to 5-7 ft-lbs.
26. Install the trimmed bumper to the vehicle. Connect any sensors or fog lights.

Figure 19

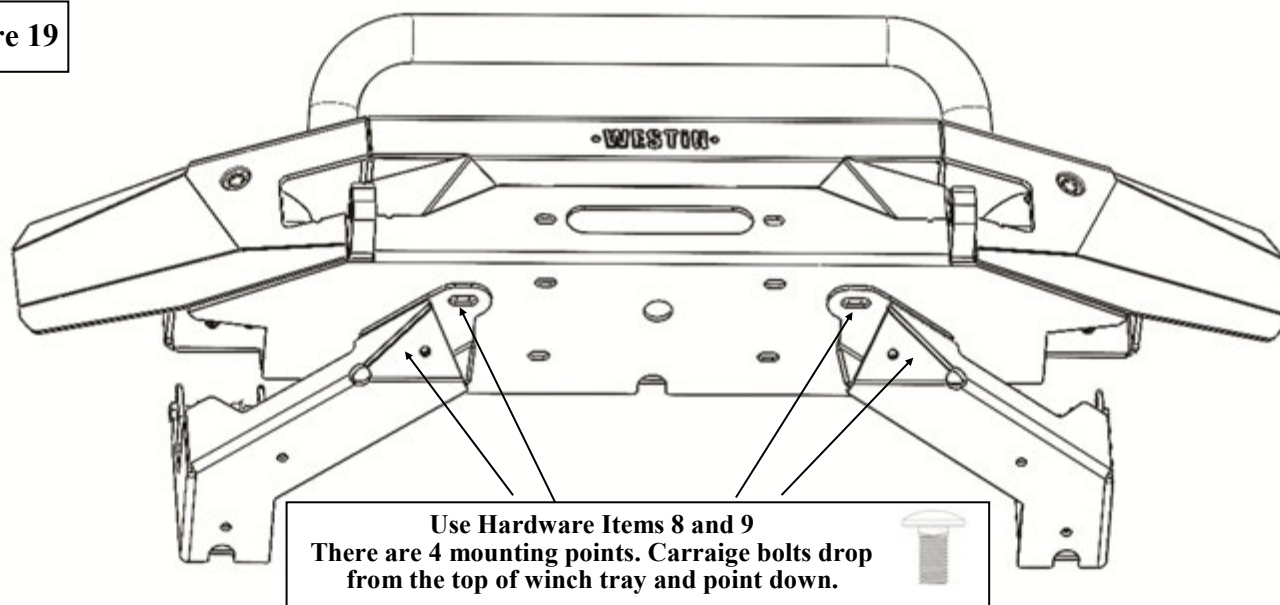
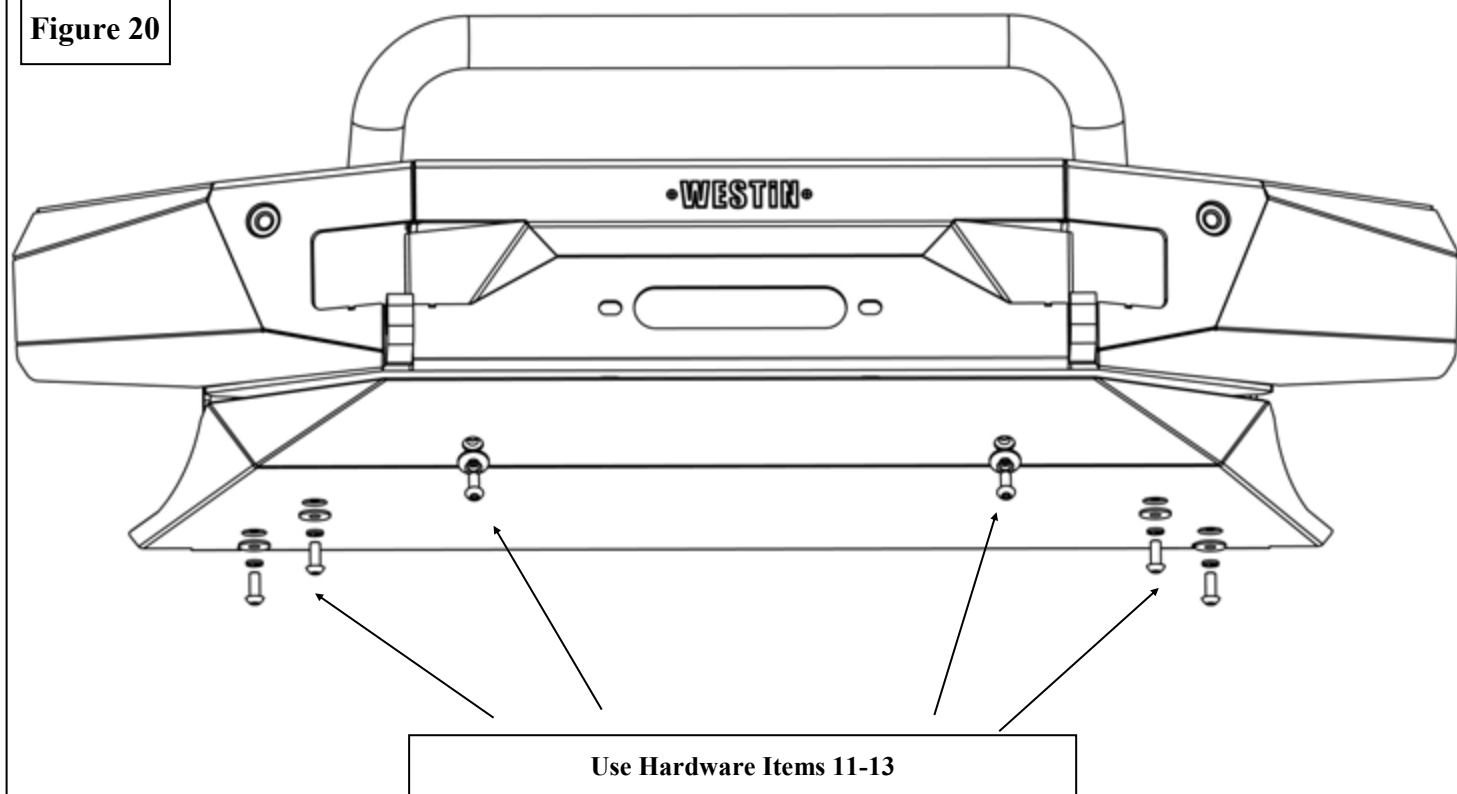


Figure 20



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INSTALLATION COMPLETE



NOTE: Bull Bar, Adaptive Cruise Control Mount, and LED Lights all sold separately

CARE INSTRUCTIONS

- REGULAR WAXING IS RECOMMENDED. DO NOT USE ANY TYPE OF POLISH OR WAX THAT MAY CONTAIN ABRASIVES.
- STAINLESS STEEL PRODUCTS CAN BE CLEANED WITH MILD SOAP AND WATER. STAINLESS STEEL POLISH SHOULD BE USED TO POLISH SMALL SCRATCHES.
- GLOSS BLACK FINISHES SHOULD BE CLEANED WITH MILD SOAP AND WATER.

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Thank you for choosing Westin products
for additional installation assistance please call
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www.westinautomotive.com



WARNING



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

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



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