

INSTALLATION INSTRUCTIONS

R5 NERF STEP BARS



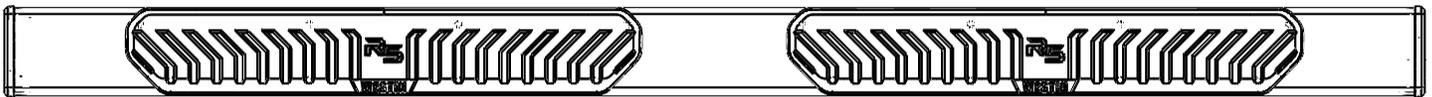
APPLICATION:
2019-2022 Ram 1500 Crew / Quad Cab (Excl. 2019-2022 Ram 1500 Classic)

PART NUMBER:
28-51220, 28-51225, 28-51230, 28-51235

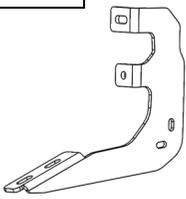
CONTENT			
ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1,2	2	STEP BAR ASSEMBLY (1 DRIVER, 1 PASSENGER)	10MM SOCKET
3	2	MOUNTING BRACKET CENTER	10MM WRENCH
4	1	MOUNTING BRACKET PASSENGER FRONT	13MM SOCKET
5	6	MOUNTING BRACKET BASE	RATCHET
6	3	MOUNTING BRACKET DRIVER FRONT/REAR, PASSENGER REAR	TORQUE WRENCH
7	6	PLASTIC COVER BRACKET	
8	6	PLATE ADAPTER (FOR 28-51220 ONLY)	
9	18	PLASTIC RETAINER SQUARE	
10	12	M8 SQUARE HEAD BOLT (FOR 28-51225 ONLY)	
11	36	M8 HEX NUT(12 BLACK ZINC FOR 28-51220)	
12	36	M8 FLAT WASHER (12 BLACK ZINC FOR 28-51220)	
13	36	M8 SPLIT LOCK WASHER (12 BLACK ZINC FOR 28-51220)	
14	6	M8 ROUND HEAD SQUARE NECK BOLT	
15	12	M6 HEX HEAD CAP SCREW	
16	24	M6 FLAT WASHER	
17	12	M6 NYLON NUT	

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

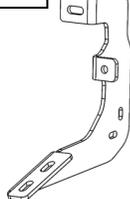
ITEM 1



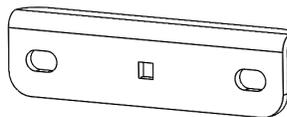
ITEM 3



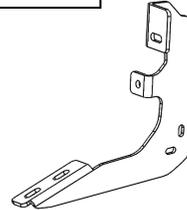
ITEM 4



ITEM 5



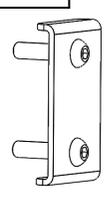
ITEM 6



ITEM 7

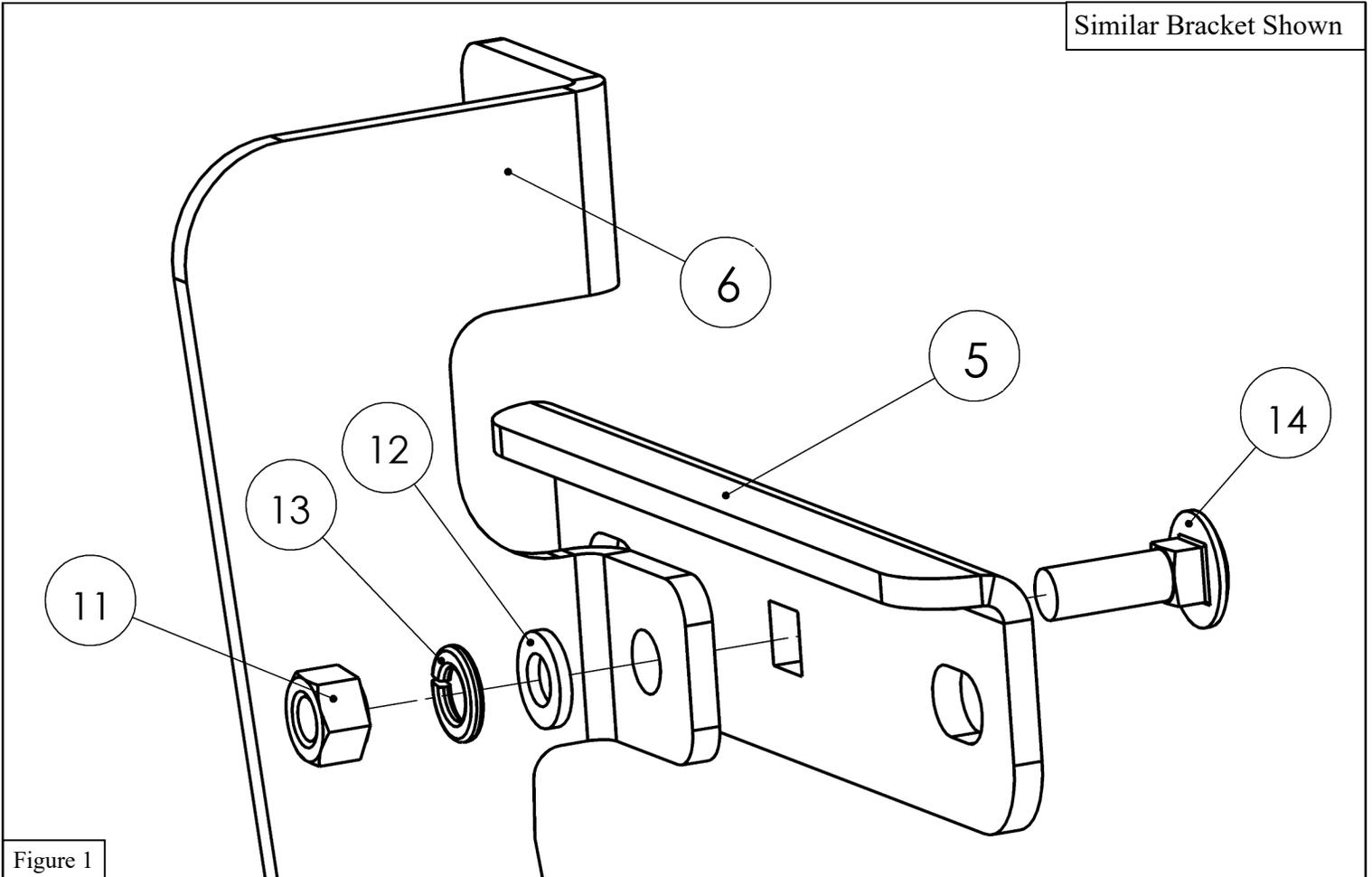


ITEM 8



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. Loosely preassemble the Mounting Brackets (Items 3-6). Do not tighten hardware at this time. See **Figure 1** for reference.



- Starting on the passenger side of the vehicle, locate the 3 mounting locations on the rocker panel.

Note A: The rear mounting location is shown in **Figure 2**. Other mounting locations are similar.

Note B: The two lower studs may have excessive amounts of paint from the factory. To avoid damage to studs, it is strongly recommended that the paint is removed using an M8-1.25 die or a wire wheel. If you feel any resistance while threading the nuts on these studs, stop and clean the stud again to avoid cross threading. Anti-seize compound may also be used to avoid any damage to the studs and to the M8 hardware.

Rear Mounting Location Shown
Other Mounting Locations are Similar

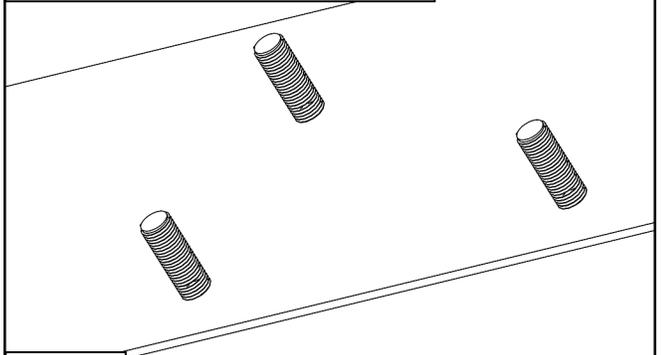


Figure 2

- At the rear mounting location, loosely install the Rear Passenger Mounting Bracket (Item 6) with preassembled Mounting Bracket Base (Item 5) using the supplied M8 hardware. See **Figures 3 & 4** for reference.

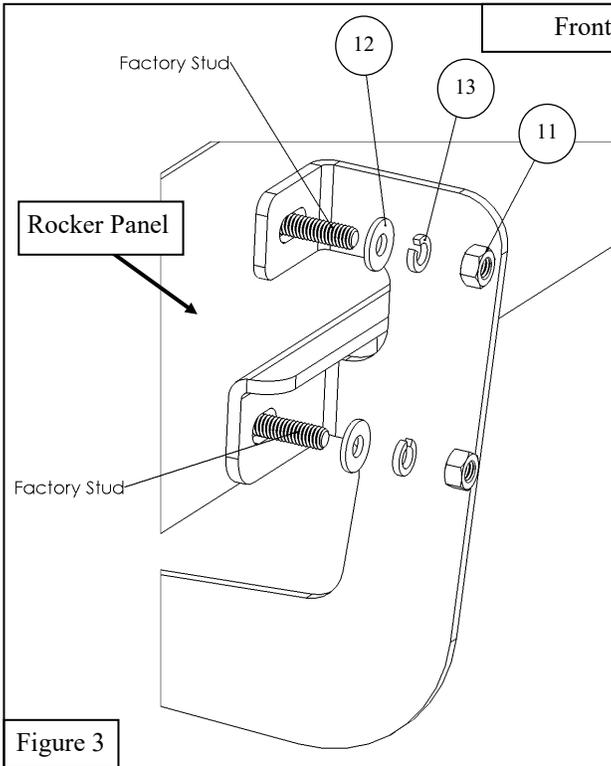


Figure 3

Front Driver Shown

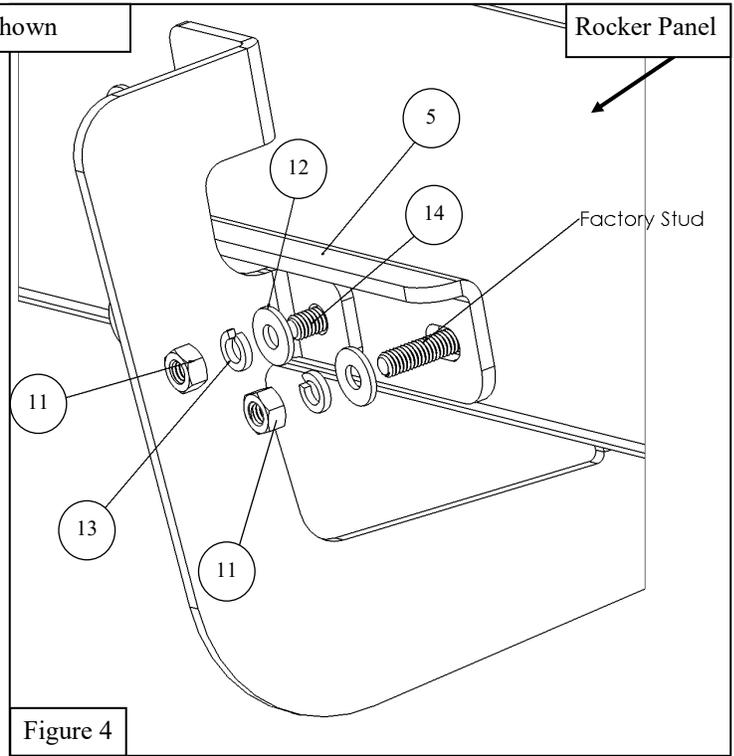
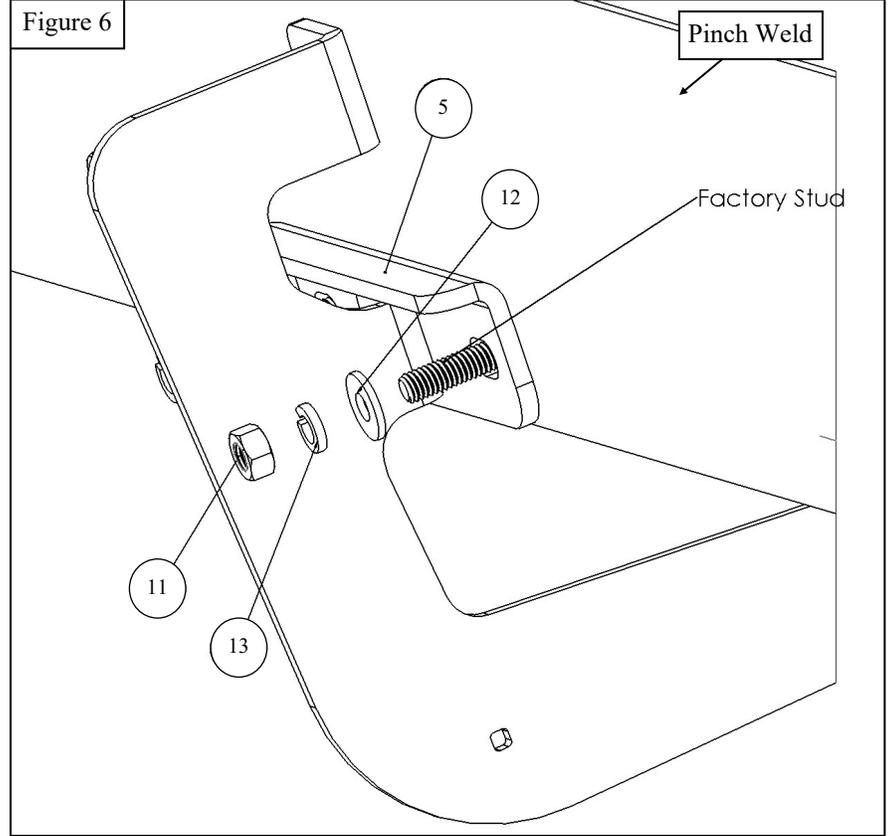
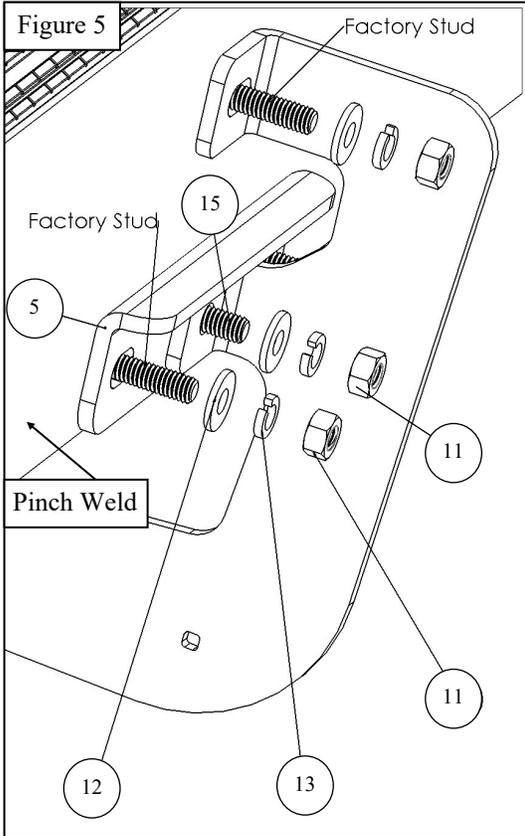


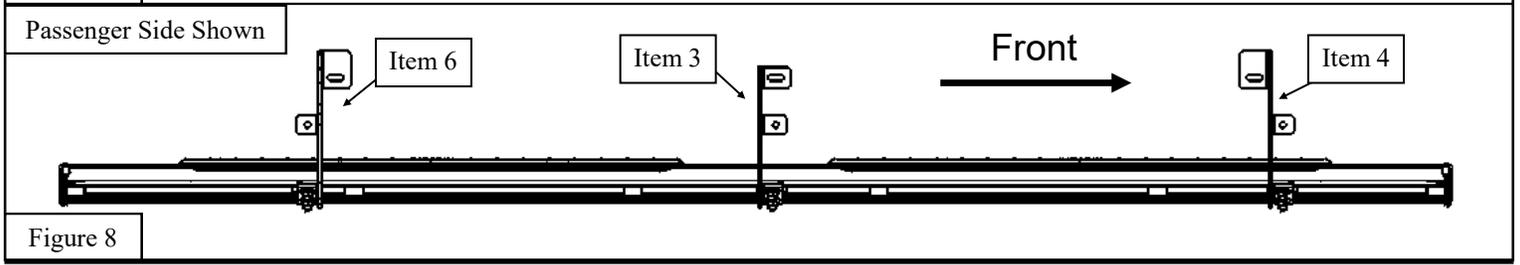
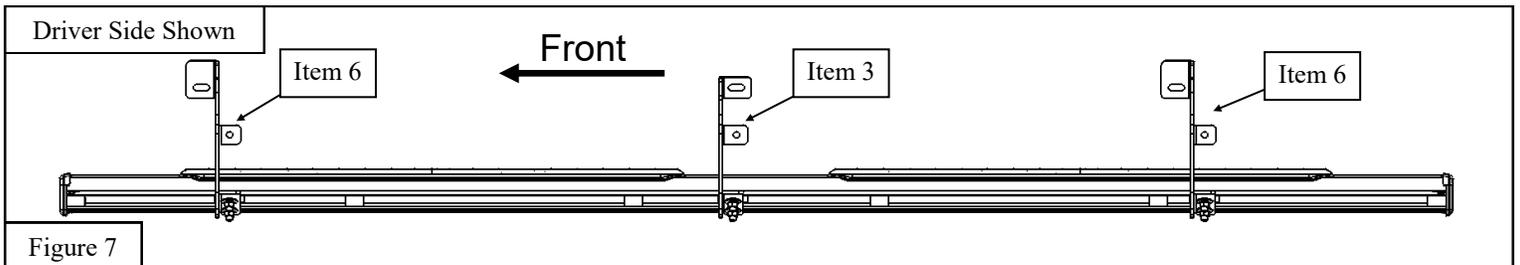
Figure 4

Rocker Panel

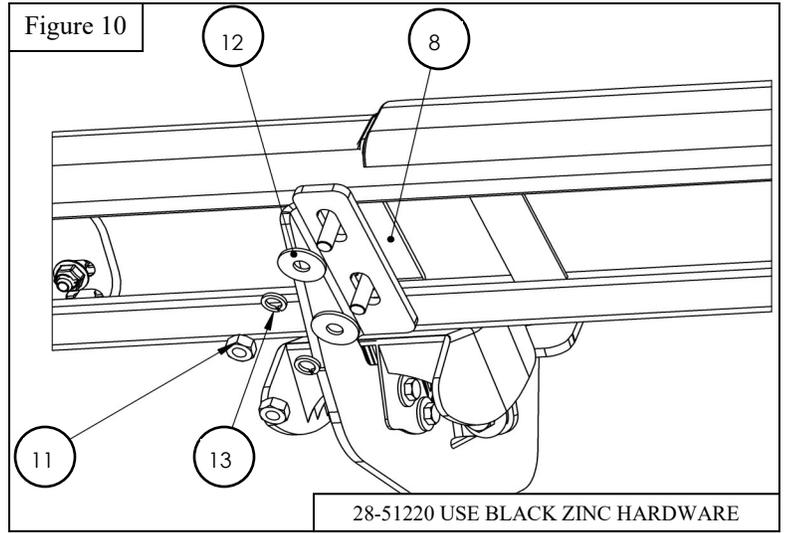
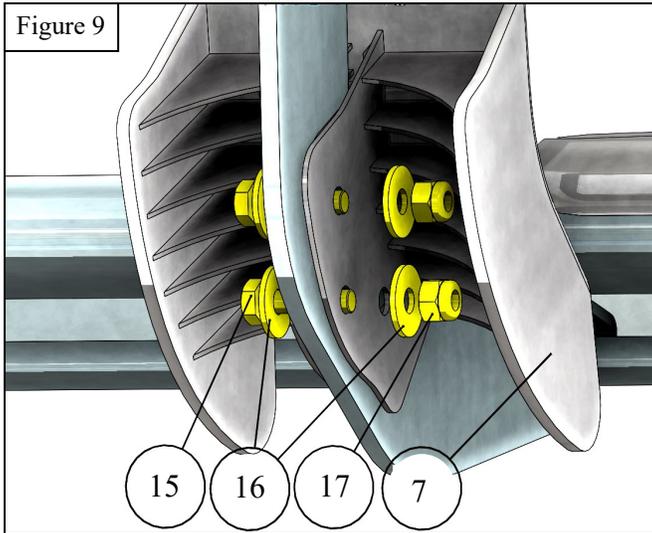
- At the center passenger mounting location, loosely install the Center Mounting Bracket (Item 3) with the preassembled Mounting Bracket Base (Item 5) using the supplied M8 hardware. See **Figures 5 & 6** for reference.



- At the front passenger mounting location, loosely install the Front Passenger Mounting Bracket (Item 4) with preassembled Mounting Bracket Base (Item 5).
- Repeat **Steps 4 through 7** on the driver side of the vehicle with the appropriate brackets. **Note:** See **Figures 7 & 8** for the appropriate bracket orientations.



8. Secure the Plastic Bracket Covers (Item 7) to the Mounting Brackets using the supplied M6 hardware (Items 15-17). See **Figure 9** for reference
9. Fasten the step bars respectively to either side using the supplied M8 hardware. See **Figure 10** for reference.
10. Align and adjust the step bars as needed and fully torque all hardware as specified: M6 fasteners to 5-7 ft-lbs, M8 fasteners to 15-18 ft-lbs.



INSTALLATION COMPLETE





WARNING



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

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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:

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.**



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