



AUTOMOTIVE PRODUCTS,

INSTALLATION INSTRUCTIONS

PLATINUM OVAL 4" WHEEL TO WHEEL

APPLICATION:

2009-2017 Dodge Ram 1500 Quad Cab 6 ft 4 in bed
2009-2017 Dodge Ram 1500/2500/3500 Crew Cab 5 ft 7 in bed

PART NUMBER:

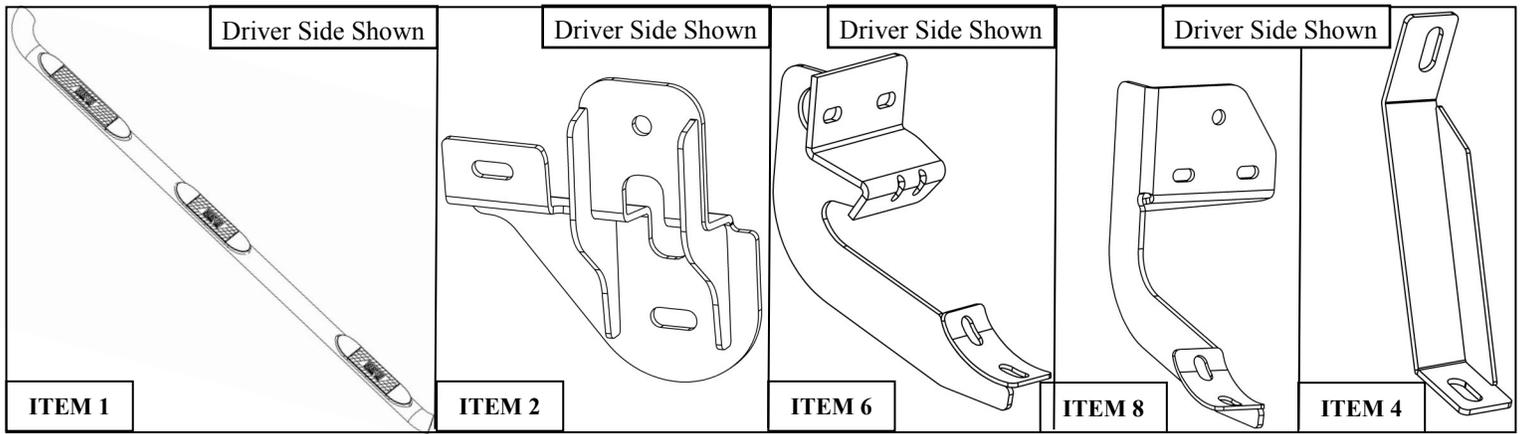
24-54310, 24-54315, 24-54320, 24-54325

ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	2	STEP BAR ASSEMBLY, DRIVER AND PASSENGER	13MM SOCKET
2,3	2	FRONT MOUNTING BRACKET, DRIVER AND PASSENGER	13MM WRENCH
4,5	2	FRONT SUPPORT BRACE, DRIVER AND PASSENGER	10MM SOCKET
6,7	2	CENTER MOUNTNG BRACKET, DRIVER AND PASSENGER	10MM WRENCH
8,9	2	REAR MOUNTING BRACKET, DRIVER AND PASSENGER	18MM SOCKET
10	10	M8 HEX HEAD CAP SCREW (YELLOW ZINC)	18MM WRENCH
11	10	M8 SPLIT LOCK WASHER (YELLOW ZINC)	RATCHET
12	10	M8 FLAT WASHER (YELLOW ZINC)	TORQUE WRENCH
13	2	M10 BOLT / M8 NUT PLATE (YELLOW ZINC)	
14	2	M10 BOLT PLATE (YELLOW ZINC)	
15	4	M10 HEX NUT (YELLOW ZINC)	
16	4	M10 SPLIT LOCK WASHER (YELLOW ZINC)	
17	4	LARGE M10 FLAT WASHER (YELLOW ZINC)	
18	2	1/2" HEX BOLT (YELLOW ZINC)	
19	2	1/2" SPLIT LOCK WASHER (YELLOW ZINC)	
20	2	1/2" FLAT WASHER (YELLOW ZINC)	
21	10	M8 HEX RIV CERT (YELLOW ZINC)	
22	4	M6 BUTTON HEAD BOLT (BLACK ZINC)	
23	8	M6 FLAT WASHER (BLACK ZINC)	
24	4	M6 SERRATED FLANGE NUT (BLACK ZINC)	
25	8	M10 BUTTON HEAD BOLT (BLACK ZINC)	
26	8	SMALL M10 FLAT WASHER (BLACK ZINC)	
27	8	M10 TOOTHED LOCK WASHER (BLACK ZINC)	
28	4	M10 PLASTIC RETAINER	
29	2	M10 FISH WIRE	

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

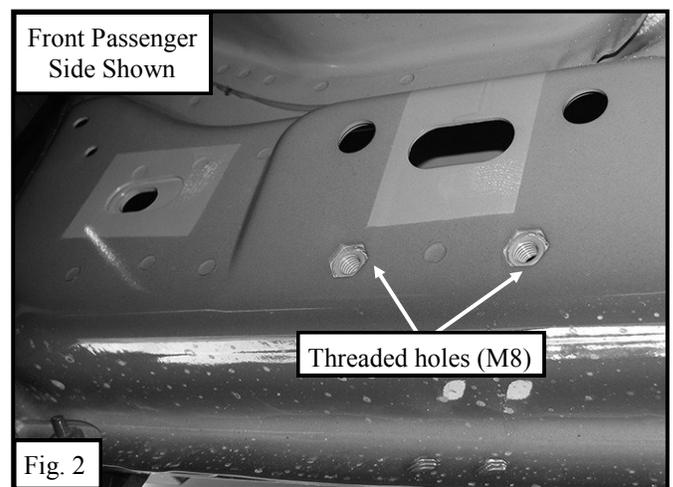
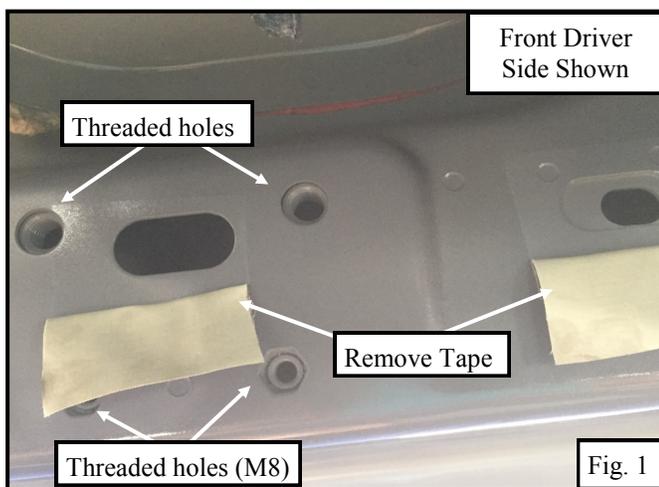


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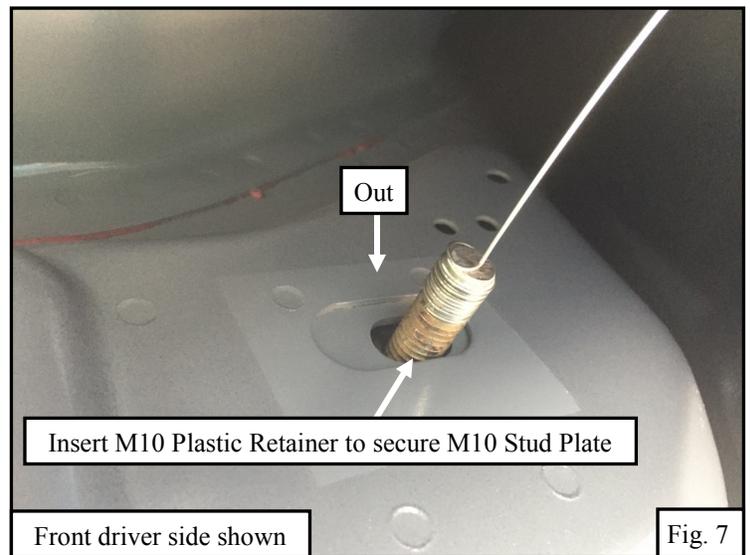
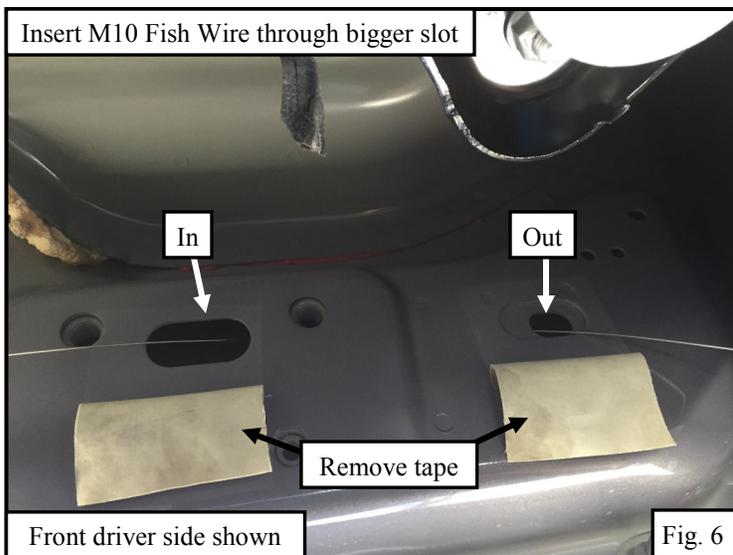
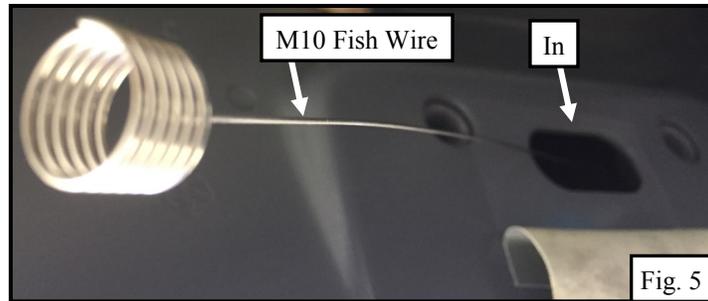
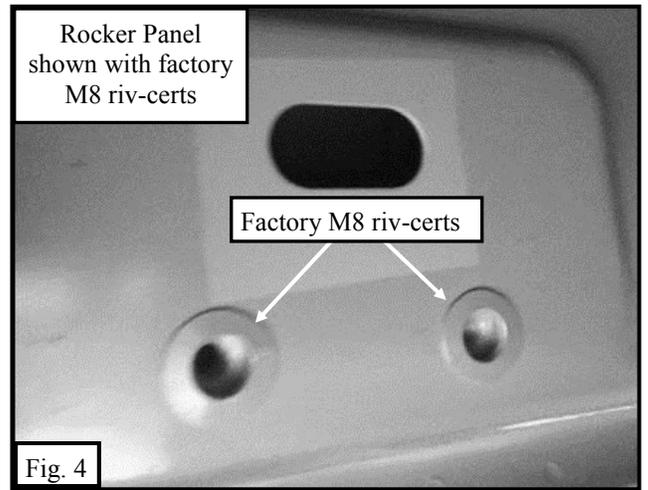
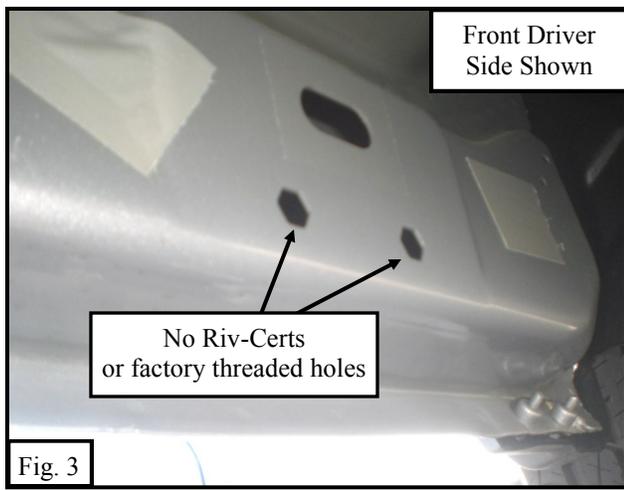


PROCEDURE

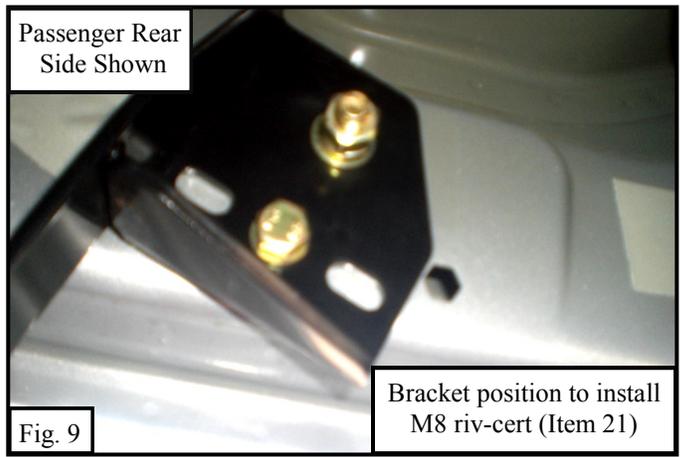
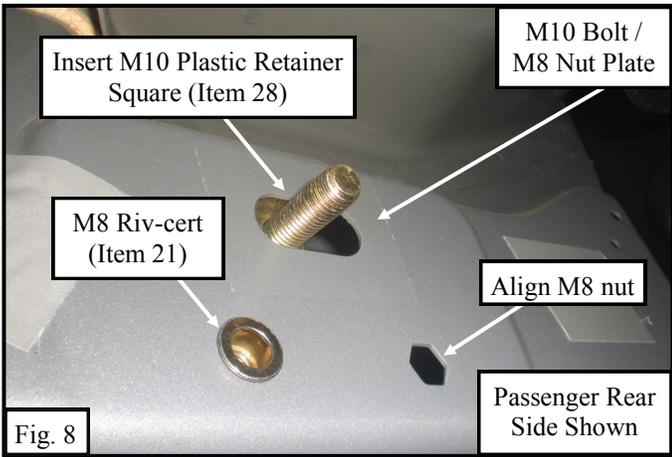
1. Remove contents from box, verify if all parts listed are present and free from damage. Carefully read and understand all instructions before attempting installation.
Failure to identify damage before installation could lead to a rejection of any claim.
2. Check either side of the vehicles rocker panel, locate the factory holes in the rocker panel by removing the tape. Check and verify what type of rocker panel you have. See **Fig. 1, 2, 3, & 4.** **Note:** If any of the locations on the factory holes in the rocker panel have factory M8 riv-certs or threaded M8 holes, do not use provided M8 riv-certs (item 21) in that location. Refer to **Fig. 1, 2 & 4.**
3. **Starting from the driver side:** If the threaded hole closest to the front of vehicle is not present use (1) M8 riv-certs (item 21) and insert it into the hex hole closest to front of vehicle. **Note:** See Figure 9 & 10 for example on how to tighten M8 riv-certs, it will require to use an M10 bolt with M8 nut plate (item 13) along with rear mounting bracket (item 8/9) to perform this task. This procedure will permanently install M8 riv-cert. Remove (item 13) after the riv-certs are tightened.
4. Locate (1) M10 Fish Wire and (1) M10 Bolt Plate and insert the M10 Fish Wire through the bigger slot and out the smaller slot. See **Fig. 5 & 6**
5. Using the provided M10 Fish Wire with the M10 Bolt Plate, insert the M10 Bolt Plate through the bigger slot and out through the smaller hole. Insert (1) M10 Plastic Retainer through the M10 Bolt Plate to secure M10 Bolt Plate in place. See **Fig. 7.**



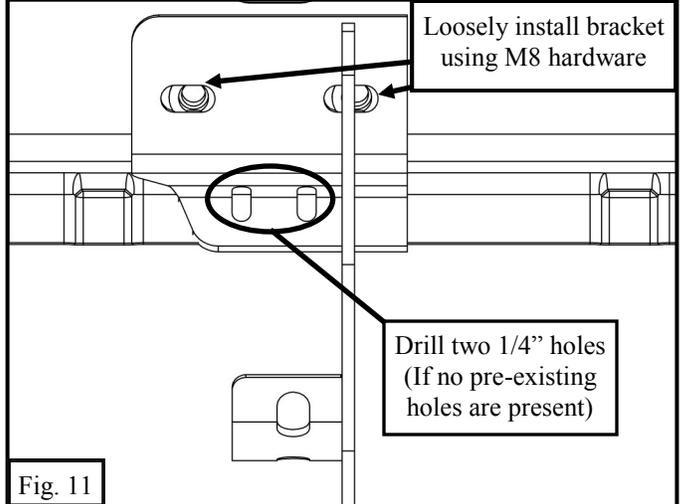
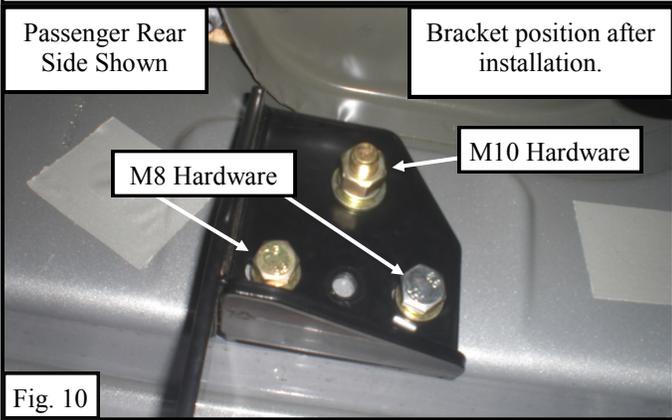
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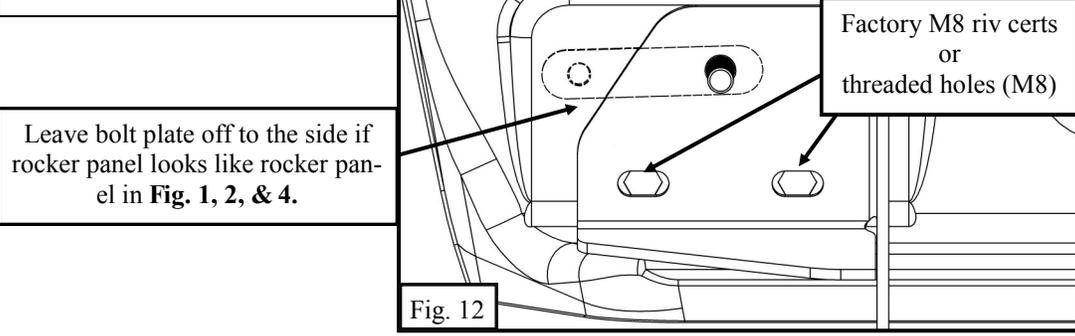
6. Locate the Front Driver Mounting Bracket (item 2) and align it with the M10 bolt plate and factory M8 threaded hole / previously installed M8 riv-cert / or M8 factory M8 riv-cert. Loosely secure the bracket using (1) M8 hex head cap screw, (1) M8 split lock washer, (1) M8 flat washer, (1) M10 hex nut, (1) M10 split lock washer, and (1) large M10 flat washer (items 10-12 and 15-17). See **13**.
7. On the center mounting location of drivers side attach (2) M8 riv-cert to rocker panel if not already present. Then proceed to locate (1) Driver Center Mounting Bracket and loosely install using (2) M8 hex head cap screw, (2) M8 split lock washer, (2) M8 flat washer, (2) M6 button head bolt, (2) M6 flat washer, and (2) M6 serrated flange nut (items 10-12 and 22-24). **Note:** Drilling of two 1/4" holes might be necessary on pinch weld if factory holes are not present. Before drilling place masking tape on drill surface to prevent paint chipping. See **Fig. 11 & 14**.



Note: Fig. 9 & 10 is shown for riv-cert installation purposes only, it does not represent the mounting bracket included in this kit.



8. On the rear mounting location of driver side attach (1) M8 riv-cert to the rocker panel if not already present. If the rocker panel has pre-installed factory M8 riv-certs or M8 threaded holes, the M10/M8 plate (item 13) will need to be positioned as shown in **Figure 12**. Then proceed to install (1) M10 bolt / M8 nut plate (item 13) into the rocker panel and thread (1) M10 plastic retainer (item 28) to the M10 bolt to prevent it from falling into the rocker panel. Locate and loosely install (1) Rear Mounting Bracket using (2) M8 hex head cap screw, (2) M8 split lock washer, (2) M8 flat washer, (1) M10 hex nut, (1) M10 split lock washer, and (1) large M10 flat washer (items 10-12 and 15-17). See **Fig. 8, 10, & 15**.
9. Repeat **Steps 3 - 8** for passenger side.
10. Loosely install the Step Bar Assembly (Item 1) to the previously installed center and rear mounting brackets with the supplied M10 hardware (items 25-27) and the front mounting bracket with the 1/2" hardware (items 18-20).
11. Align and adjust the step bars and brackets. Then tighten all M10 hardware to 30 ft-lbs, M8 to 20 ft-lbs, and M6 to 12 ft-lbs.



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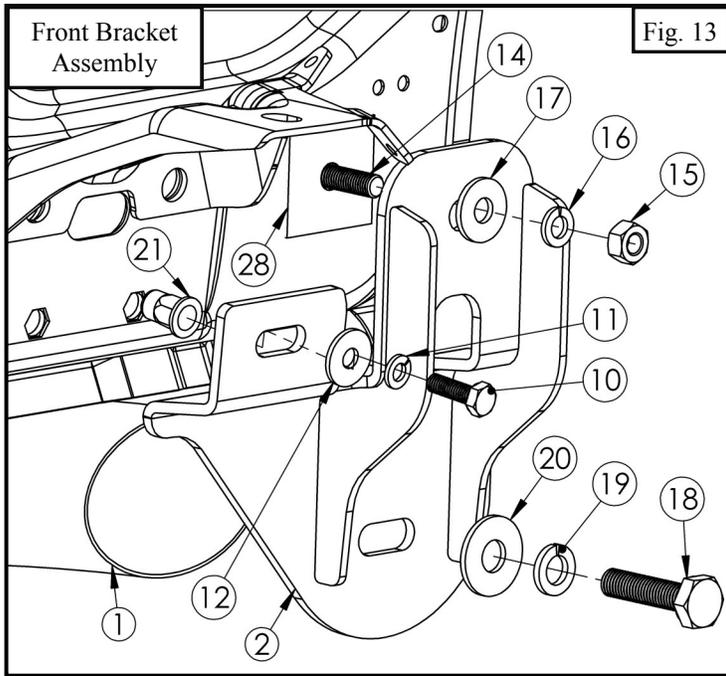


Fig. 13

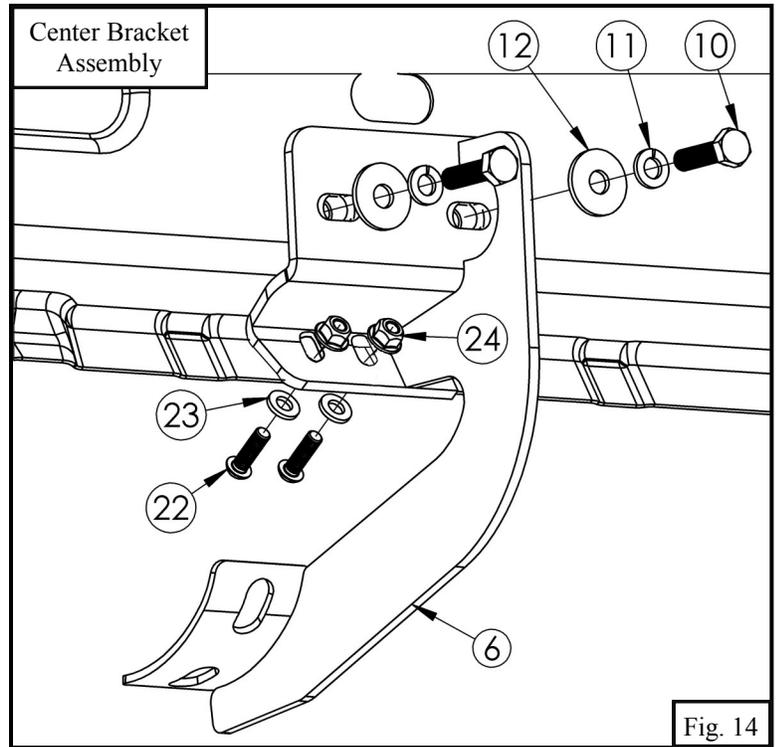


Fig. 14

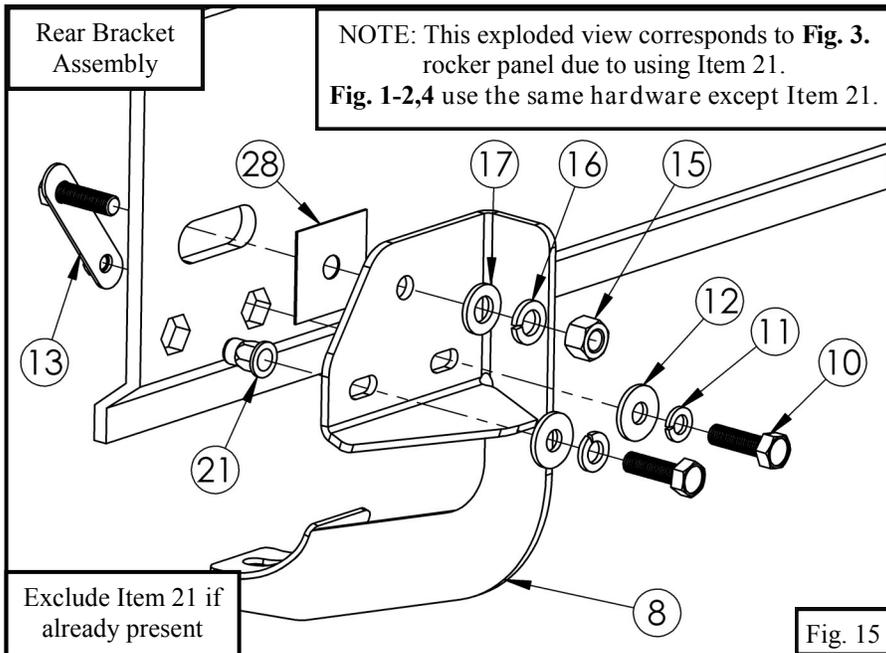


Fig. 15

12. Check rear and bottom of both step bars and locate the unused riv certs and use the remaining hardware to cover the holes up. See **Figure 16**.

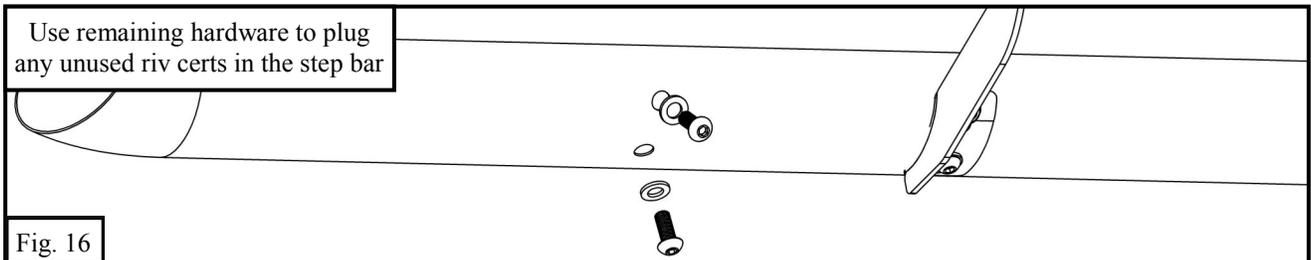
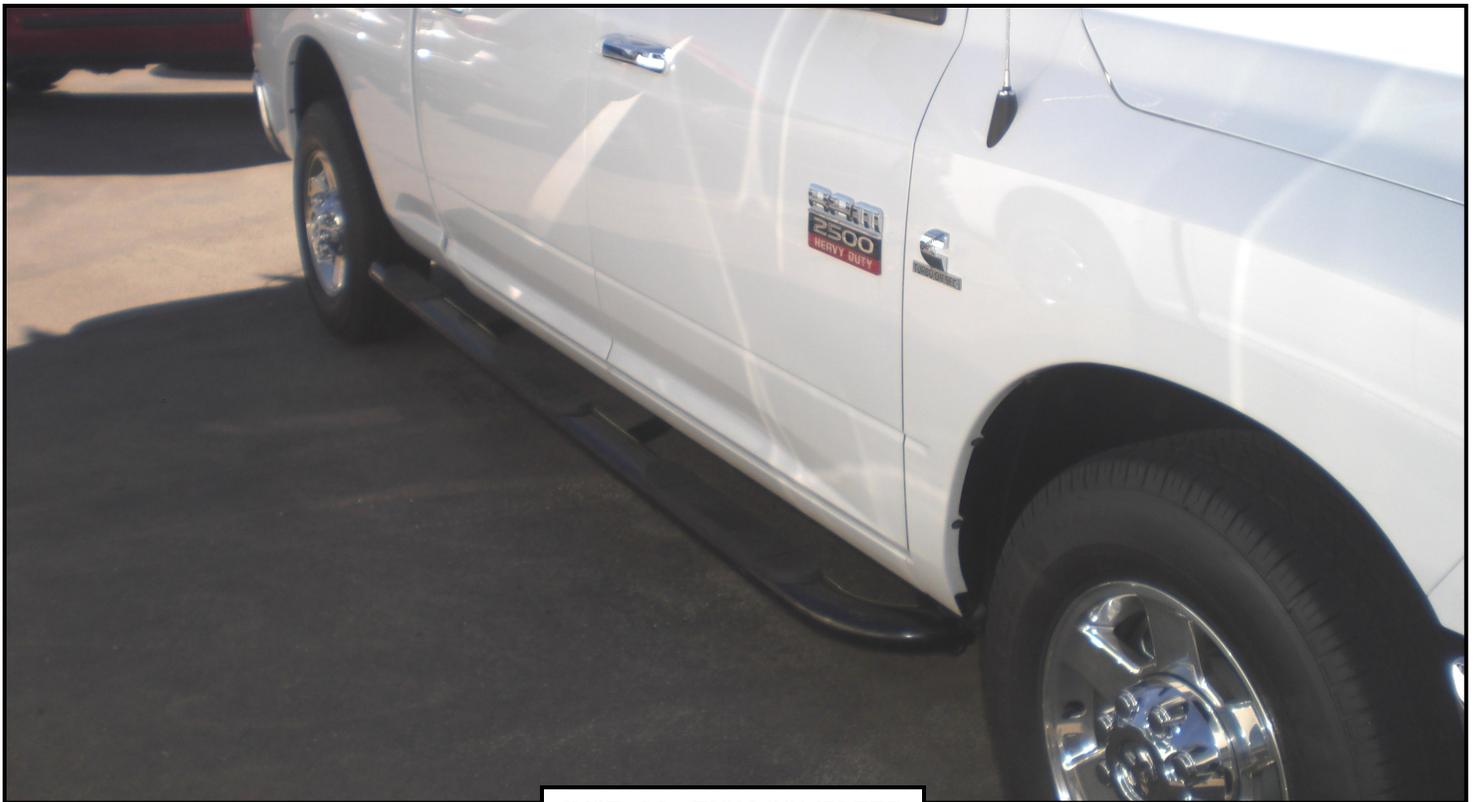


Fig. 16



INSTALLATION COMPLETE



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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SIGNATURE OF QUALITY

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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:

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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SIGNATURE OF QUALITY

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