



SIGNATURE OF QUALITY

AUTOMOTIVE PRODUCTS, INC.

INSTALLATION INSTRUCTIONS

APPLICATION: 2014 TOYOTA 4 RUNNER SPORTSMAN GRILLE GUARD
(EXCLUDES "LIMITED" MODELS)
APP PART # 45-3820, 40-3825

ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	1	SPORTSMAN GRILLE GUARD	BREAKER BAR
2	1	DRIVER SIDE LOWER MOUNTING BRACKET	14MM SOCKET
3	1	PASSENGER SIDE LOWER MOUNTING BRACKET	14MM WRENCH
4	1	DRIVER SIDE UPPER SUPPORT BRACKET	RATCHET
5	1	PASSENGER SIDE UPPER SUPPORT BRACKET	ALLEN WRENCH
6	4	M12-1.75X35 HEX SOCKET BUTTON HEAD SCREW	18MM SOCKET
7	4	M12 CUPPED WASHER	15MM SOCKET
8	4	M12-1.75 SERRATED FLANGE NUT	13MM SOCKET
9	2	M10-1.50X35 HEX SOCKET BUTTON HEAD SCREW	13MM WRENCH
10	2	M10 CUPPED WASHER	FLAT HEAD SCREWDRIVER
11	2	M10-1.50 SERRATED FLANGE NUT	TORQUE WRENCH
12	2	M8-1.25X40 HEX HEAD CAP SCREW	
13	4	M8 FLAT WASHER	
14	2	M8-1.25 NYLOCK HEX NUT	
15	2	SHORT SPACER	

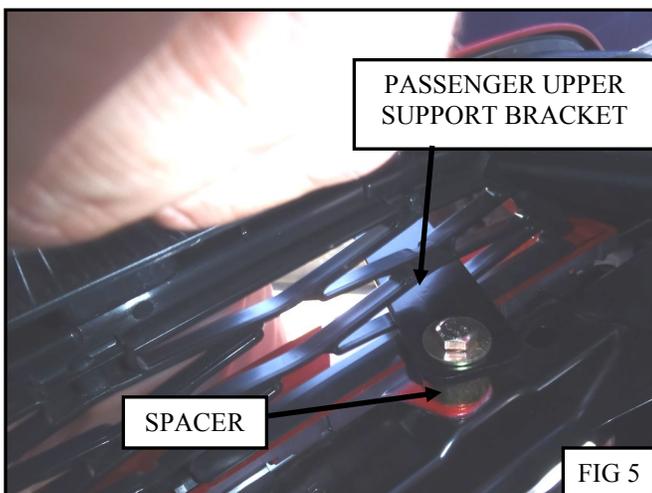
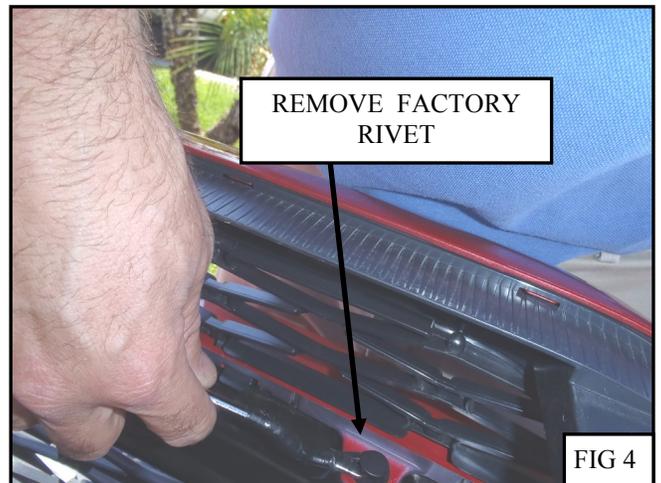
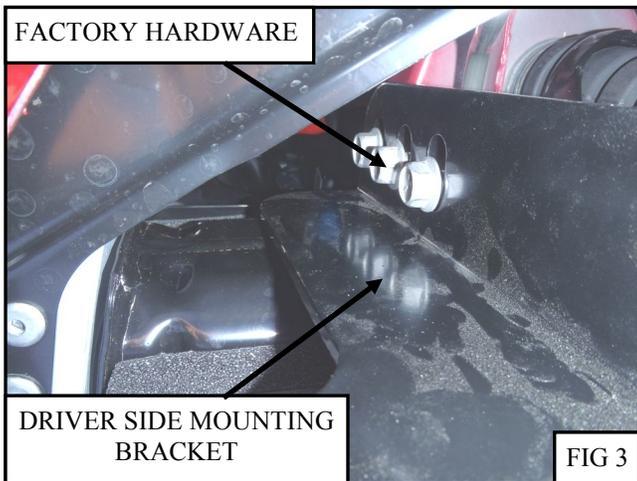
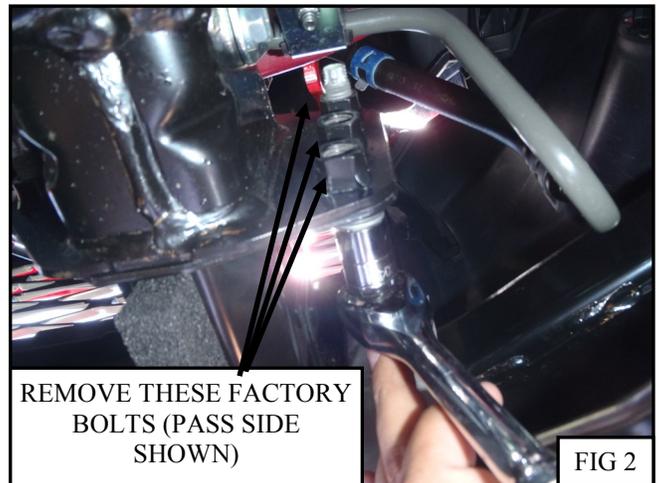
ANTI-SEIZE LUBRICANT MUST BE USED ON ALL STAINLESS STEEL FASTENERS TO PREVENT THREAD DAMAGE AND GALLING

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.
2. From beneath the vehicle, remove the outer (3) factory frame horn bolts from each side of the frame. (Figure 2)
3. Loosely attach the lower mounting brackets (Item 2&3) to the frame using the existing factory hardware removed in step 2. (Figure 3)
4. Take off the plastic radiator cover by removing the plastic rivets. Push on the center of the rivets to loosen them. (Figure 1)
5. Remove the (2) plastic rivets holding the grille to the metal radiator support. They will not be re-used. (Figure 4)
6. Loosely install the driver upper support bracket (Item 4) using (1) metal spacer (Item 15), (1) M8 hex head cap screws (Item 12), (2) M8 flat washers (Item 13), and (1) M8-1.25 nylock hex nuts (Item 14). (Figure 5)
7. Repeat step 6 to install the passenger upper support bracket.
8. With assistance, install the Grille Guard to the brackets using M12 hardware on the lower brackets and M10 hardware on the upper support brackets. (Figures 6&7)
9. Align and adjust the Grille Guard, then torque all M12 hardware to 35-40 ft-lbs, M10 to 25-30 ft-lbs, and M8 to 8-10 ft-lbs.
10. Re-install the plastic radiator cover using the factory plastic rivets removed in step 4.



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For Additional installation assistance please call
Customer service (800) 793-7846
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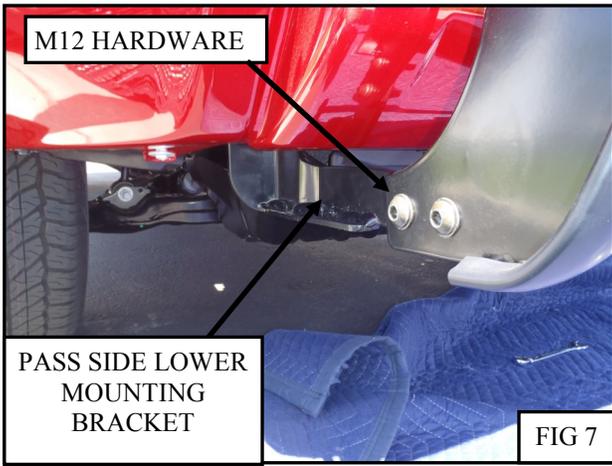
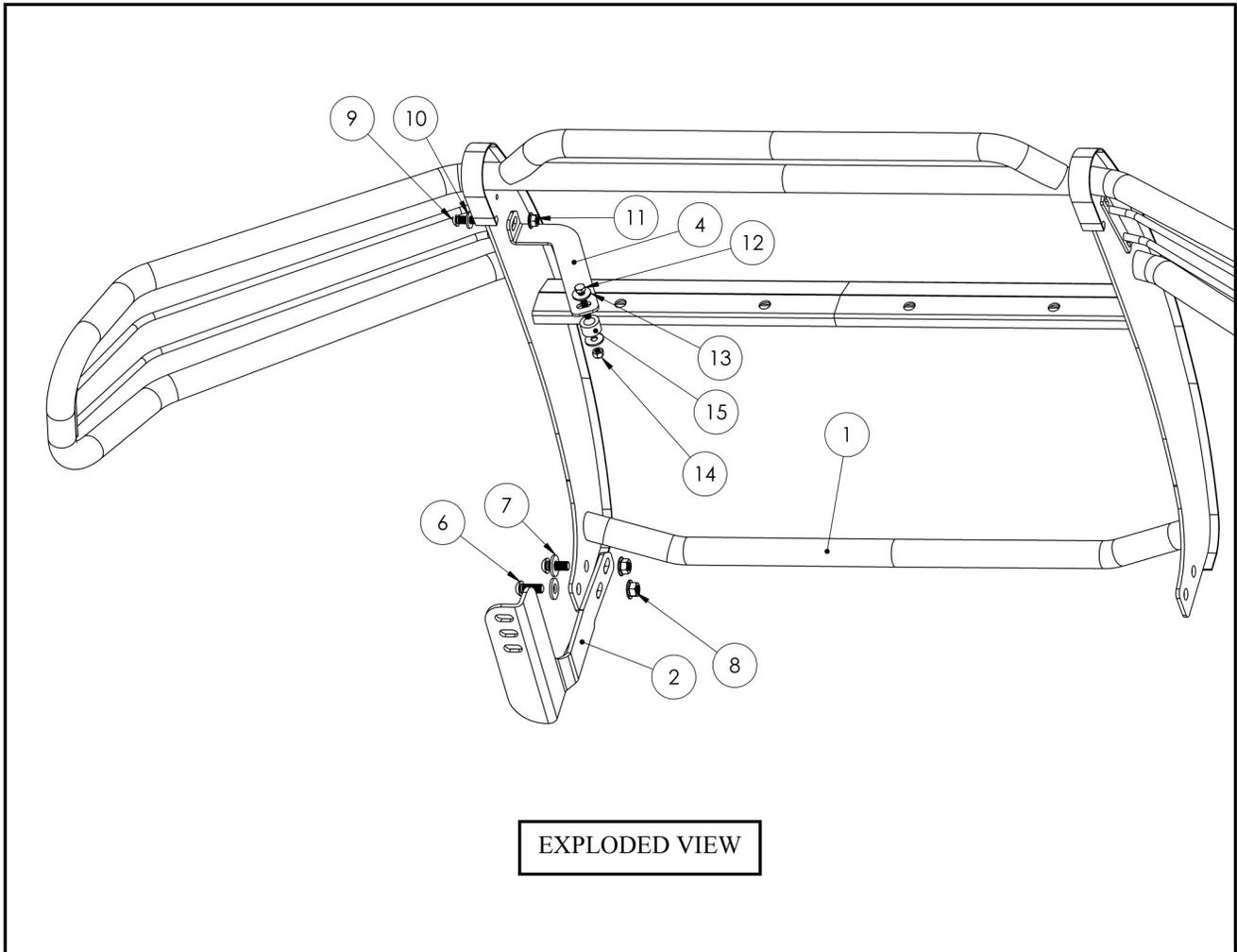


FIG 7



EXPLODED VIEW

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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