



INSTRUCTIONS—INSTRUCCIONES—CONSIGNES

APPLICATION: 2007-2011 GMC SIERRA 1500
 PART # 40-2295, 45-2990
 GRILLE GUARD

AUTOMOTIVE PRODUCTS, INC.

ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	1	GRILLE GUARD	18MM SOCKET
2,3	2	GRILLE GUARD MOUNTING BRACKET 2 (DRIVERS SIDE), 3 (PASSENGER SIDE)	18MM WRENCH
4,5	2	FRAME BRACKET 4 (DRIVERS SIDE), 5 (PASSENGER SIDE)	16MM SOCKET
6,7	2	TOP SUPPORT BRACKET 6 (DRIVERS SIDE), 7 (PASSENGER SIDE)	16MM WRENCH
8,9	2	TOP BRACKET 8 (DRIVERS SIDE), 9 (PASSENGER SIDE)	13MM SOCKET
10	2	M8 HEX HEAD BOLTS	TORQUE WRENCH
11	2	M8 LOCK WASHERS	
12	2	M8 FLAT WASHERS	
13	2	M10 HEX HEAD BOLTS	
14	2	M10 NYLOCK NUTS	
15	4	M10 FLAT WASHERS	
16	8	M12 HEX HEAD BOLTS	
17	8	M12 NYLOCK NUTS	
18	16	M12 FLAT WASHERS	

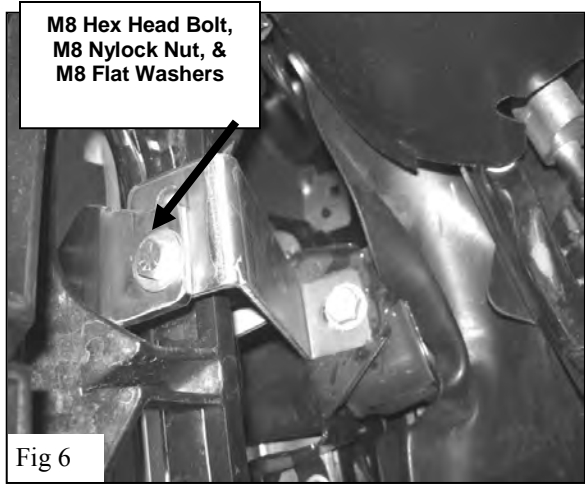
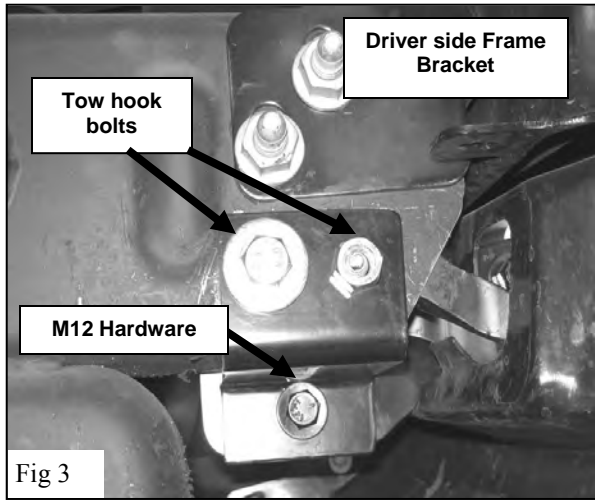
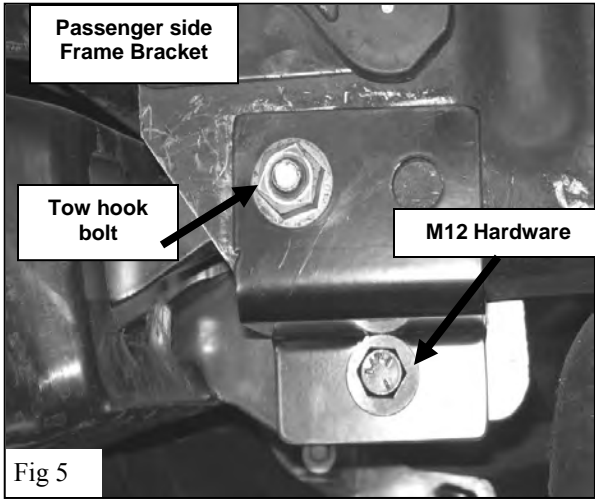
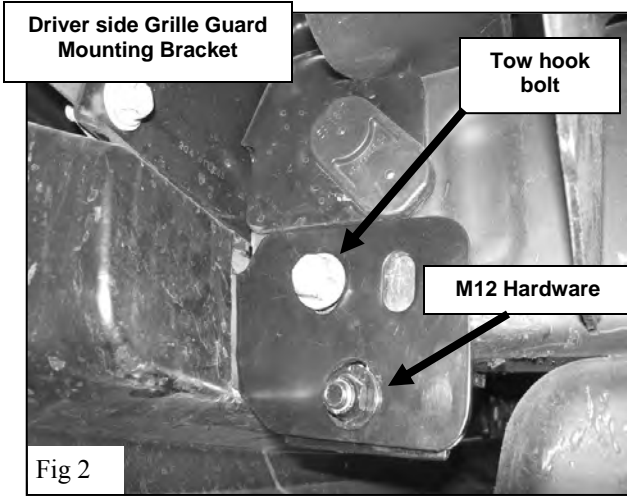
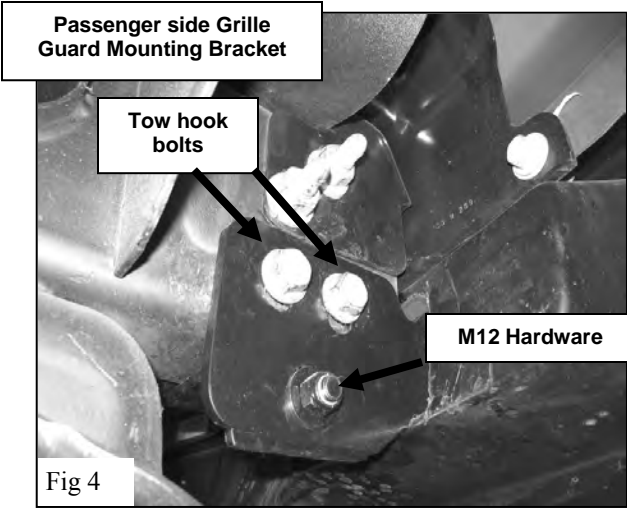
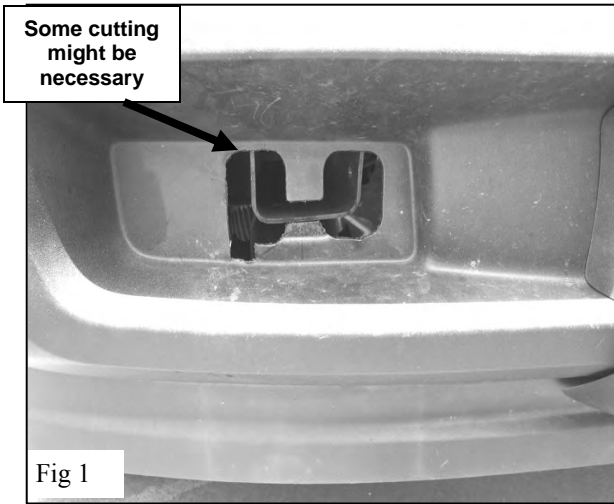
NOTE: Thread lubricant or anti seize is required on all stainless steel fasteners

1. Remove all contents from box, verify all parts listed are present and free from damage. Carefully read and understand all instructions before attempting installation.
2. Determine driver and passenger side Mounting Brackets and Top Brackets.
3. To install the two Frame Brackets and two Grille Guard Mounting brackets, remove the tow hook bolts and use them to install the Frame Brackets and the Grille Guard Mounting Brackets. NOTE: Using a sharp utility knife cutout an opening to allow Grille Guard Mounting Brackets to pass through tow hook cavity (Fig 1). The tow hooks remain in their stock position in the frame rails. Install the Grille Guard Mounting Brackets on the outer side of the tow hooks.
4. Attach Frame Brackets to Grille Guard Mounting Brackets using (1 ea) M12 Hex Head Bolt, (1 ea) M12 Nylock Nut, (2 ea) M12 Flat Washers (Fig 2 – 5). NOTE: The driver side Grille Guard Mounting Bracket mounts to one tow hook bolt and the driver side Frame Bracket mounts to two tow hook bolts. The passenger side Grille Guard Mounting Bracket mounts to two tow hook bolts and the passenger side Frame Bracket mounts to one tow hook bolt.
5. Open the hood and remove the eight plastic fasteners from plastic shroud on top of radiator . Remove plastic shroud from vehicle to access behind factory grille shell.
6. Remove the passenger side upper frame bolt and place Top Support Bracket onto frame. Secure Top Support Bracket to frame using the factory bolt removed in this step (Fig 6). Do not tighten at this time.
7. Locate passenger side Top Bracket and attach it to already installed Top Support Bracket using the included (1) M8 Hex Head Bolt, (1) M8 Lock Washer, and (1) M8 Flat Washer (Fig 7).
8. Repeat steps 6 & 7 for driver side Top Support Bracket and Top Bracket.
9. With help position the Grille Guard on the outer side of Mounting Brackets. Attach Grille Guard to Mounting Brackets using (6) M12 Hex Head Bolts, (6) M12 Nylock Nuts, and (12) M12 Flat Washers (Fig 8).
10. Attach Grille Guard to Top Brackets using the included (2) M10 Button Head Bolts, (2) M8 Nylock Nuts, and (4) M8 Flat Washers. Do not tighten at this time.
11. Level and adjust Grille Guard, and then tighten all the hardware at this time.
12. Torque all M12 fasteners to 45-50 ft lbs, M10 to 35-40 ft lbs, and M8 fasteners to 25-30 ft lbs.



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 For additional installation assistance please call
 Customer Service (800) 793-7846
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**M10 Button Head Bolt,
M10 Nylock Nut, &
M10 Flat Washers**



Fig 7

**M12 Hex Head Bolts,
M12 Nylock Nuts, &
M12 Flat Washers**

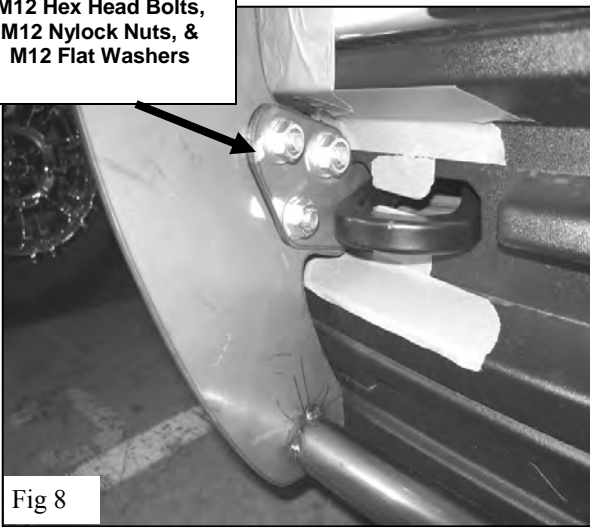


Fig 8