



AUTOMOTIVE PRODUCTS, INC.

INSTRUCTIONS

APPLICATION: 2003-07 CHEVROLET SILVERADO 2500/3500 HD "CLASSIC"
APP PART # 40-91245, 45-91240, 46-21245
WINCH MOUNTED SPORTSMAN GRILLE GUARD / MAX WINCH TRAY

ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	1	WINCH TRAY	ALLEN KEY (INCLUDED)
2	1	GRILLE GUARD (OPTIONAL)	18MM SOCKET
3,4	2	LOWER MOUNTING BRACKETS (3) DRIVERS SIDE, (4) PASSENGER SIDE	16MM SOCKET
5,6	2	UPPER MOUNTING BRACKETS (5) DRIVERS SIDE, (6) PASSENGER SIDE	18MM WRENCH
7	2	M12 X 110MM HEX HEAD BOLT	16MM WRENCH
8	8	M12 X 35MM HEX HEAD BOLTS	RATCHET
9	10	M12 SPLIT LOCK WASHERS	TORQUE WRENCH
10	14	M12 FLAT WASHERS	19MM SOCKET
11	2	M12 LARGE FLAT WASHERS	19MM WRENCH
12	6	M12 HEX NUTS	
13	2	M10 HEX BOLTS	
14	2	M10 LOCK WASHERS	
15	4	M10 FLAT WASHERS	
16	2	M10 HEX NUTS	
17	2	M12 BUTTON HEAD BOLTS, STAINLESS STEEL	
18	2	M12 LOCK WASHERS, STAINLESS STEEL	
19	4	M12 FLAT WASHERS, STAINLESS STEEL	
20	2	M12 HEX NUTS, STAINLESS STEEL	
21	4	M10 BUTTON HEAD BOLTS, STAINLESS STEEL	
22	8	M10 FLAT WASHERS, STAINLESS STEEL	
23	4	M10 LOCK WASHERS, STAINLESS STEEL	
24	4	M10 HEX NUTS, STAINLESS STEEL	
25	2	LONG SPACERS	
26	2	SHORT SPACERS	

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. Starting from the front of the vehicle remove the factory tow hooks (the tow hooks cannot be reused with this application).
3. Take the drivers side lower mounting bracket and place it into the frame where the factory tow hook was located, take (1) long spacer, and (1) short spacer and place them to the sides of the lower mounting bracket NOTE: the long spacer will be used on the left side of the bracket between the frame, and the short spacer will be used on the right side of the bracket between the frame. Attach the lower mounting bracket through the frame and spacers using (1) M12 x 110mm hex head bolt, (2) M12 flat washers, (1) M12 lock washer, and (1) M12 hex nut. From the underside of the frame attach the lower mounting bracket to the front mounting location using (1) M12x 35mm hex head bolt, (1) M12 lock washer, and (1) M12 large flat washer FIG 1. Attach the bracket to the rear mounting location using (1) M12 x 35mm hex head bolt, (1) M12 lock washer, and (1) M12 flat washer FIG 2. Do not fully tighten at this time.
4. Repeat step 3 for the passenger side, NOTE: For the passenger side lower mounting bracket the long spacer will be used on the right side of the bracket between the frame, and the short spacer on the left side of the bracket between the frame FIG 3.

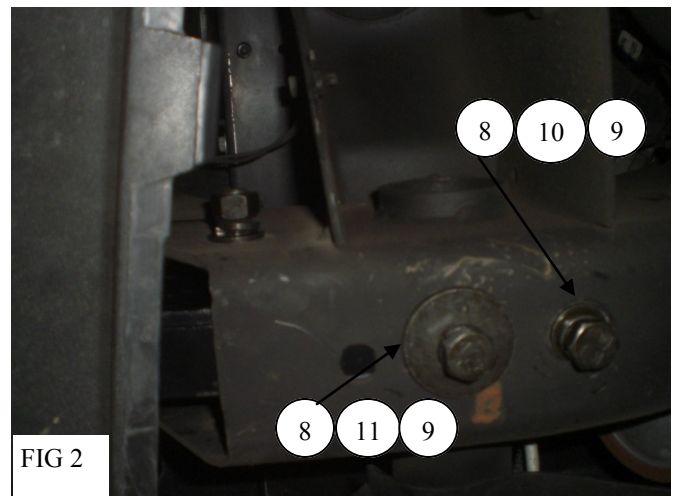
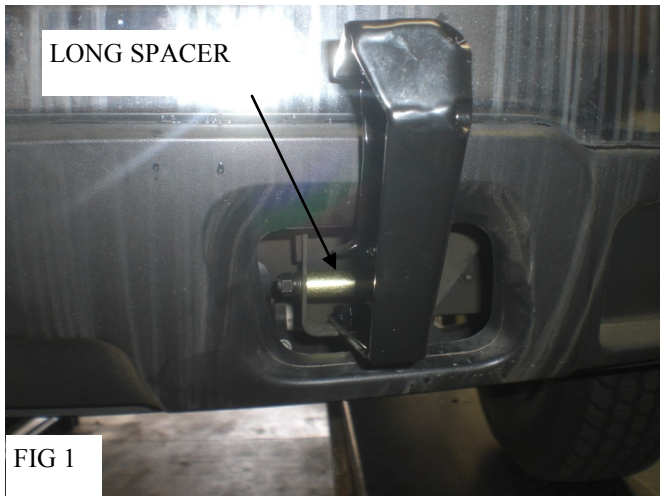


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5. Take the winch tray and position it onto the lower mounting brackets, loosely attach the winch tray using (4) M12 x 35mm hex head bolts, (8) M12 flat washers, (4) M12 lock washers, and (4) M12 hex nuts FIG 4.
6. From underneath the hood of the vehicle remove the plastic radiator cover by removing all of the factory clips, set them aside once removed.
7. Locate the drivers side factory bumper bolt and remove it FIG 5, take the drivers side upper mounting bracket and attach it using the factory bumper bolt FIG 6. Do not fully tighten at this time. Repeat this step for the passenger side. NOTE: removing the grille shell from the vehicle aids in ease of installation.
8. Attach the upper mounting brackets to the winch tray using (2) M10 hex head bolts, (4) M10 flat washers, (2) M10 lock washers, and (2) M10 hex nuts FIG 4. Do not fully tighten at this time.
9. Align and adjust the grill guard as needed then fully tighten hardware at this time. Torque all M12 hardware to 50-55 ft lbs, and M10 to 30-35 ft lbs.
10. To install the optional winch mounted sportsman grill guard, with assistance take the grill guard and align it to the outside of the winch tray, attach the grill guard to the upper mounting points in the winch tray using (4) M10 button head bolts, (8) M10 flat washers, (4) M10 lock washer, and (4) M10 hex nuts FIG 7. Do not fully tighten at this time.
11. Attach the grille guard to the lower mounting points in the lower mounting bracket using (2) M12 button head bolts, (4) M12 flat washer, (2) M12 lock washers, and (2) M12 hex nuts FIG 7. Do not fully tighten at this time.
12. Align and adjust the grille guard as needed then fully tighten all hardware at this time. Torque M12 button head bolts to 35-40 ft lbs, and M10 button head bolts to 25 ft lbs.

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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FIG 3

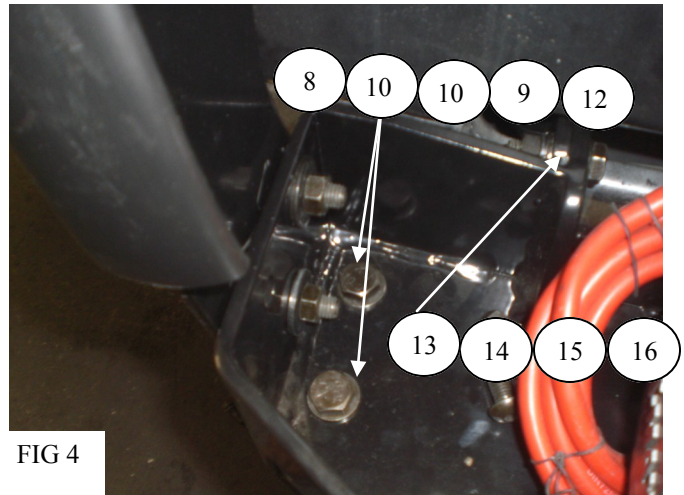


FIG 4

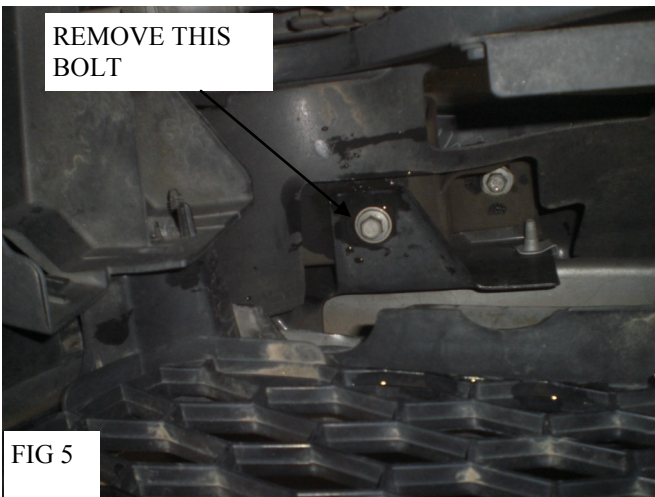


FIG 5

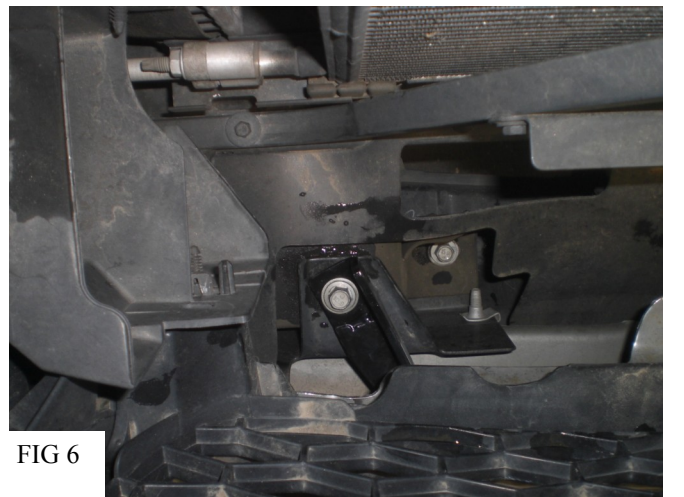


FIG 6



FIG 7



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