



SIGNATURE OF QUALITY

AUTOMOTIVE PRODUCTS, INC.

# INSTRUCTIONS

APPLICATION: 2006-2008 FORD F-150

2004-2005 FORD F-150

PART NUMBER: 40-2015, 45-2010, 40-1395, 45-1390

ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	1	GRILLE GUARD ASSY.	18MM SOCKET
2	2	UPPER MOUNT BRACKETS (2004-2005 MODELS) [SHOWN AS FIGURE 1]	16MM SOCKET
3	2	UPPER MOUNT BRACKETS (2006-2008 MODELS) [SHOWN AS FIGURE 2]	15MM SOCKET
4	2	L-BRACKET MOUNTS (2006-2008 MODELS) SHOWN AS FIGURE 2]	RATCHET
5	2	M12 NUT PLATE	TORQUE WRENCH
6	2	LOWER MOUNTING BRACKETS	
7	4	M12 X 30MM HEX HEAD BOLTS(YELLOW ZINC)	
8	12	M12 FLAT WASHERS (4 YELLOW ZINC, 8 STAINLESS STEEL)	
9	4	M12 LOCK NUTS	
10	4	M10 X 40MM HEX HEAD BOLTS	
11	2	M10 X 25MM HEX HEAD BOLTS	
12	2	M10 OVERSIZE FLAT WASHER	
13	8	M10 STANDARD FLAT WASHER (4 YELLOW ZINC, 4 STAINLESS STEEL)	
14	4	M10 HEX NUTS	
15	4	M12 x 40MM HEX HEAD BOLTS	
16	8	M12 LOCK WASHERS (4 YELLOW ZINC, 4 STAINLESS STEEL)	
17	6	M10 LOCK WASHERS (4 YELLOW ZINC, 2 STAINLESS STEEL)	

1. Remove contents from box. Verify that all parts listed are present and free from damage. Carefully read installation instructions before attempting installation.
2. If the vehicle is not equipped with 4-wheel drive, remove the plastic lower bumper valance. There are approx. 14 pcs of 8MM screws on the inner side of the bumper. Remove the factory tow hooks if the Vehicle is equipped with 4-wheel drive.
3. Starting at the driver side, insert (1) M12 Nut plate through the front of the frame and align the holes with the tow hook holes.
4. Attach (1) Driver side lower mounting bracket to the frame. If equipped with 4WD you may re-use the factory tow hooks. Use (2) M12 x 30MM hex head bolts, (2) M12 flat washers, AND (2) M12 lock washers to fasten.( figure 3).
5. Repeat steps 3-4 for the passenger side.
6. Attach the grille guard to the lower mounting brackets using (4) M12 x 40MM hex head bolts, (8) M12 flat washers, (4) M12 lock washers, and (4) M12 hex nuts. Do not fully tighten at this time. (figure 3)
7. On 2004-2005 model vehicles Align the upper mount bracket with the grille guard and mounting hole on vehicle. Use (2) M10 x 40MM hex head bolts, (2) M10 flat washers, and (2) M10 lock washers on each vehicle mounting hole (figure 1,4,5).
8. On 2006-2008 model vehicles, attach the upper mounting brackets to the vehicle as shown on (figure 6, 7, 8, 9,11).
9. Use (2) M10 x 25MM hex head bolt, (4) M10 flat washers, (2) M10 lock washers , and (2) M10 hex nuts to attach the upper mount brackets to the grille guard (figure 5,11).
10. Align and center grille guard tighten all hardware torque all M12 mild steel fasteners to 55 ft lbs, M12 stainless hardware to 47ft lbs, M10 hardware to 27 ft lbs

## FINISH PROTECTION

Westin products have a high quality finish that must be cared for like any other exposed finish on the vehicle. Protect the finish with a non-abrasive automotive wax, (e.g. Pure Carnauba) on a regular basis. The use of any soap, polish or wax that contains an abrasive is detrimental, as the compounds scratch the finish and open it to corrosion.



Thank You for choosing Westin products.

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FIGURE 1

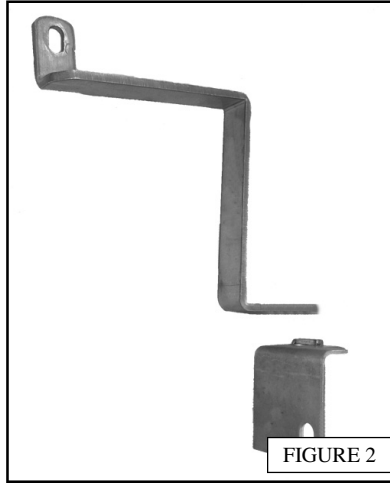


FIGURE 2

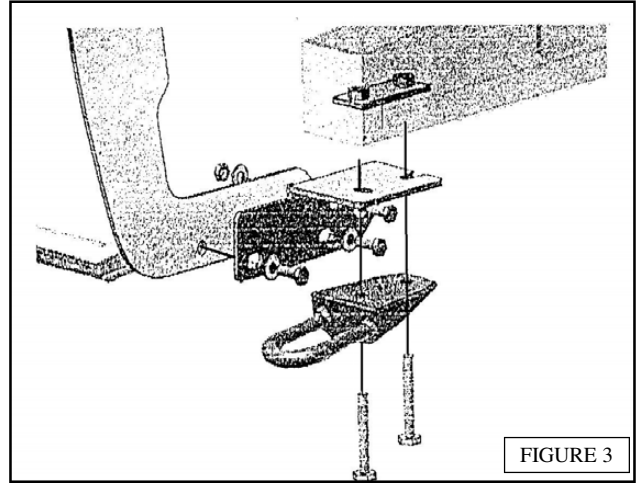


FIGURE 3

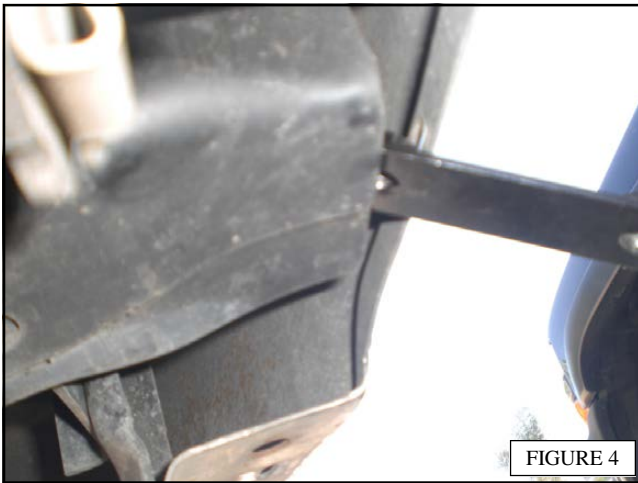


FIGURE 4

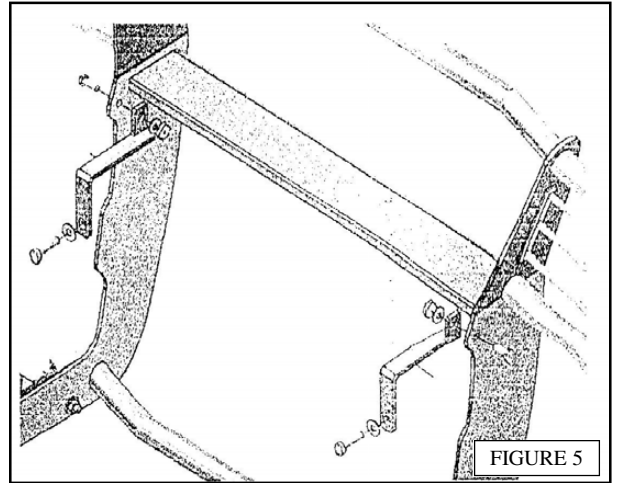


FIGURE 5



FIGURE 6



FIGURE 7

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