



INSTRUCTIONS—INSTRUCCIONES—CONSIGNES

APPLICATION: 98-11 FORD RANGER/MAZDA B SERIES PICK UP REG CAB/SUPER CAB 2 DR
APP PART # 23-2110, 23-2115,
E SERIES STEP BARS

AUTOMOTIVE PRODUCTS, INC.

ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	2	STEP BARS	3/4" SOCKET
2,3	2	FRONT MOUNTING BRACKET (2) DRIVERS SIDE, (3) PASSENGER SIDE	18MM SOCKET
4,5	2	REAR MOUNTING BRACKET (4) DRIVERS SIDE, (5) PASSENGER SIDE	RATCHET
6,7	2	FRONT SUPPORT BRACKETS (6) DRIVERS SIDE, (7) PASSENGER SIDE	TORQUE WRENCH
8	1	M10 NUT PLATE (DRIVERS SIDE)	
9	1	M10 NUT PLATE (PASSENGER SIDE)	
10	10	M10 HEX HEAD BOLTS	
11	10	M10 LOCK WASHERS	
12	16	M10 FLAT WASHERS	
13	6	M10 HEX NUTS	
14	4	1/2" HEX HEAD BOLTS	
15	4	1/2" FLAT WASHERS	
16	4	1/2" LOCK WASHERS	

1. Remove contents from box, verify all parts listed are present and free from damage. Carefully read and understand all instructions before attempting installation.
2. From under the passenger side of the vehicle, locate the three factory holes (one large, two small) in the frame channel next to the front body mount. Insert the smaller end of the passenger side Double Nut Plate through the large hole in the frame and line it up with the smaller hole toward the front, (Figure 1).
3. Hang the passenger side front Bracket from the Double Nut Plate with the included (2) M10 Hex Bolts, (2) M10 Lock Washers and (2) M10 Flat Washers, (Figure 2).
4. Locate the factory hole on the edge of the floor panel behind the passenger front body mount. Select the passenger side Front Support Bracket. Bolt the flat end of the Support Bracket to the factory hole using the included (1) M10 Hex Bolt, (1) M10 Lock Washer, (2) M10 Flat Washers and (1) M10 Hex Nut, (Figure 3). Line up the bent end of the Support Bracket with the back of the front Bracket. Leave Support Bracket hardware loose at this time.
5. Next, move towards the rear of the vehicle. Insert the passenger side rear Bracket up and between the inner side panel and the outer body of the vehicle, (Figure 4 & 5). Line up the hole in the 90° bend with the factory hole in the cab toward the bed and secure it using the included (1) M10 Hex Bolt, (1) M10 Lock Washer, (2) M10 Flat Washers and (1) M10 Hex Nut. Attach the upper mounting location in the Rear Bracket to factory hole in the inner side panel using the included (1) M10 Hex Bolt, (1) M10 Lock Washer, (2) M10 Flat Washers and (1) M10 Hex Nut, (Figure 4 & 5). Do not tighten hardware at this time. NOTE: On some models, it may be necessary to drill a hole through the side panel for the hex bolts. IMPORTANT: Any cutting or drilling tool may break or shatter. Government regulations require safety glasses & equipment at all times when cutting or drilling.
6. Hold the passenger Sidebar up to the front Bracket. Insert (1) 1/2" Hex Bolt, (1) 1/2" Lock Washer, and (1) 1/2" Flat Washer through the Support Bracket, the Mounting Bracket and into the Sidebar, (Figure 6). Do not tighten at this time. NOTE: To cor-



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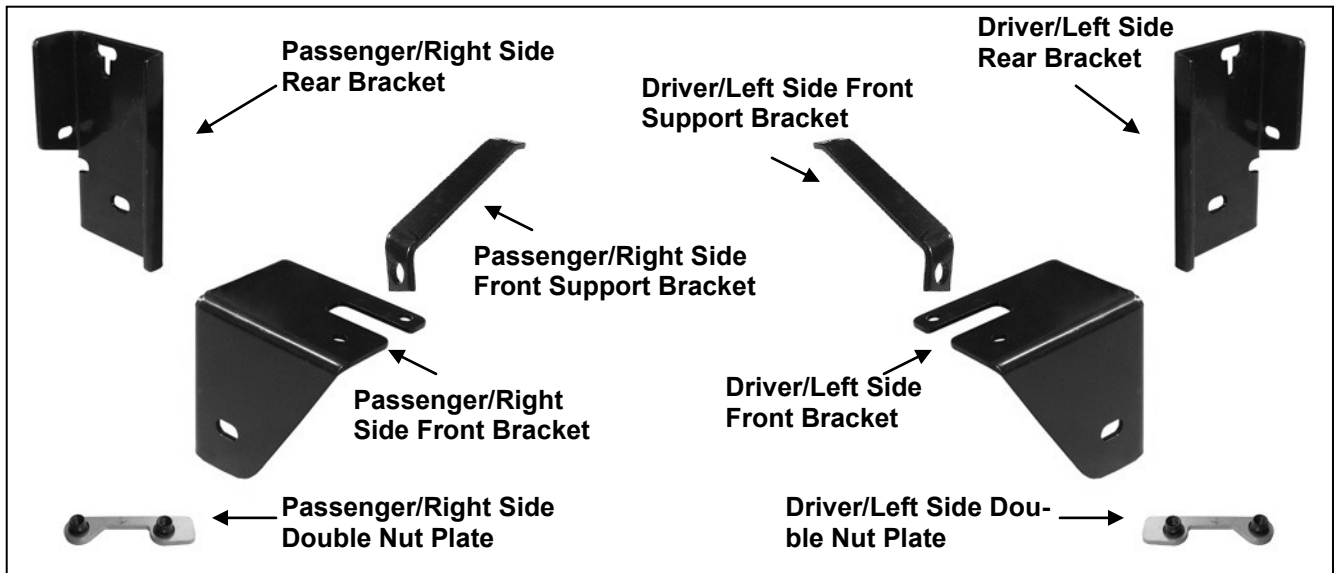
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rectly identify the front of the Sidebar, note that the front mounting leg on the Sidebar is 3/4" longer than the rear mounting leg.

7. Once the front end of the Sidebar is loosely installed, attach the rear leg of the Sidebar to the rear Mounting Bracket using the included (1) 1/2" Hex Bolt, (1) 1/2" Lock Washer and (1) 1/2" Flat Washer, (Figure 7). Do not tighten hardware at this time.
8. Level and adjust the Sidebar and tighten all hardware. TORQUE ALL 1/2" to 55-60 ft lbs and all M10 to 40-45 ft lbs
9. Repeat steps 2-8 for driver Sidebar installation.

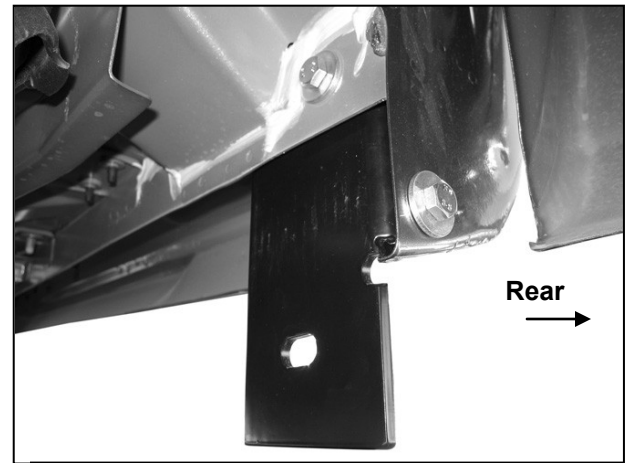
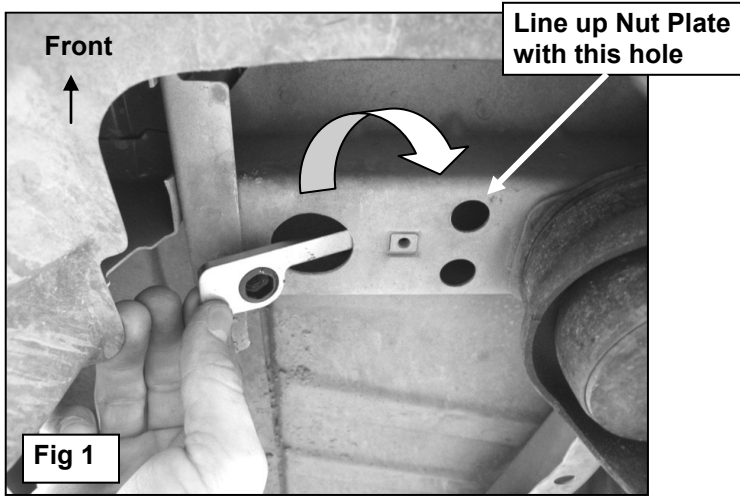
CARE INSTRUCTIONS

- 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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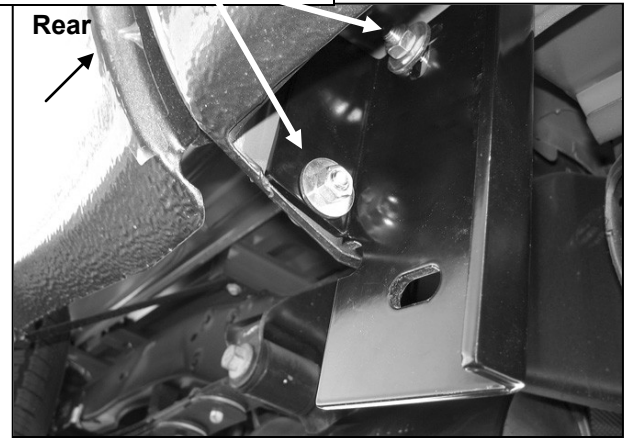
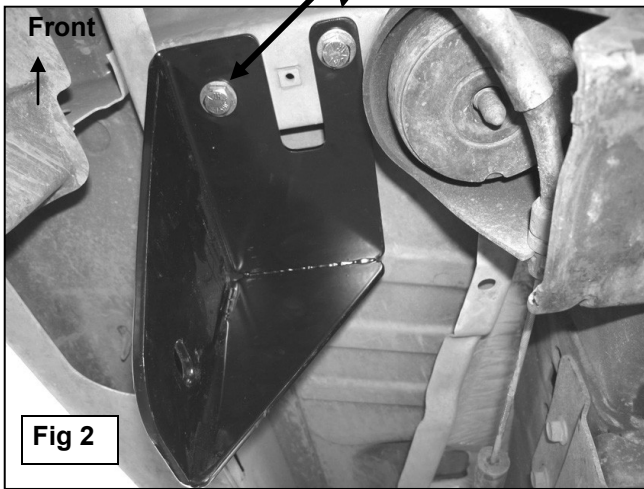
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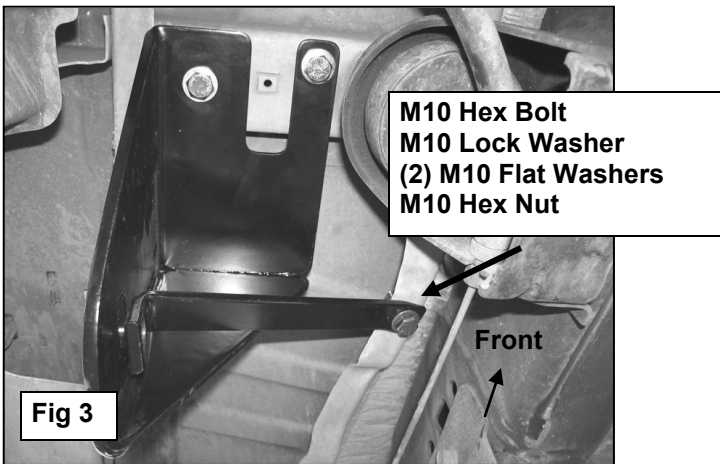
(Fig 4) Passenger Side Rear Bracket Inside View

Double Nut Plate
 (2) M10 Hex Bolts
 (2) M10 Lock Washers
 (2) M10 Flat Washers

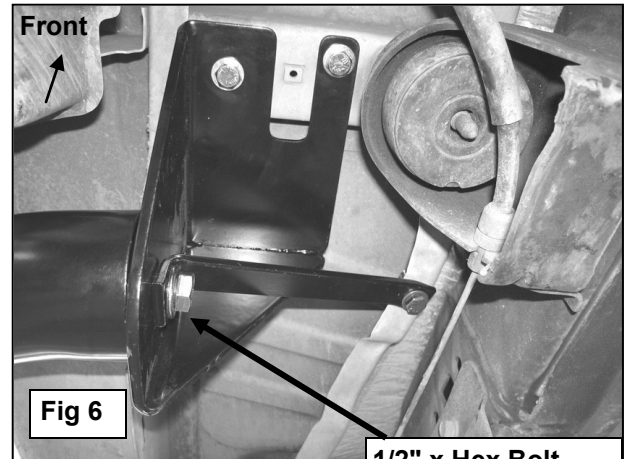
M10 Hex Bolt
 M10 Lock Washer
 (2) M10 Flat Washers
 M10 Hex Nut



(Fig 5) Passenger Side Rear Bracket Outside View



M10 Hex Bolt
 M10 Lock Washer
 (2) M10 Flat Washers
 M10 Hex Nut



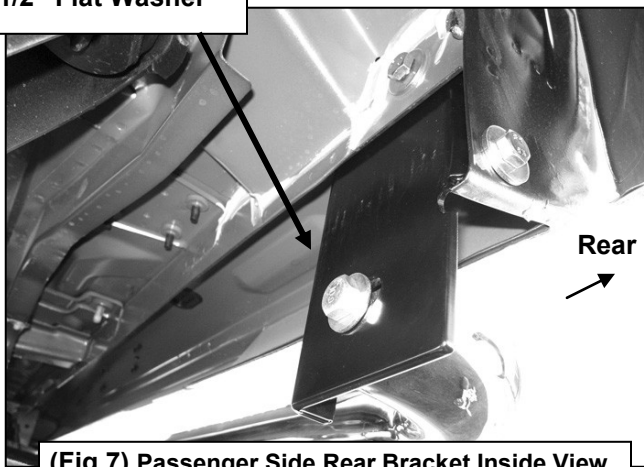
1/2" x Hex Bolt
 1/2" Lock Washer
 1/2" Flat Washer



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1/2" x Hex Bolt
1/2" Lock Washer
1/2" Flat Washer



(Fig 7) Passenger Side Rear Bracket Inside View



Complete Installation (2-door Supercab pictured for example)



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