



# INSTALLATION INSTRUCTIONS

## PLATINUM 4" OVAL STEP BAR (90° BENT END)

AUTOMOTIVE PRODUCTS,

**APPLICATION:**

2010-2015 Dodge Ram 2500/3500 Mega Cab

**PART NUMBER:**

21-3570, 21-3575, 23-3570, 23-3575, 25-3570, 25-3575, 26-3570

ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1,2	2	SIDE STEP BAR	18MM SOCKET
3,4	2	FRONT MOUNTING BRACKET	19MM SOCKET
5,6	2	FRONT SUPPORT BRACKET	16MM SOCKET
7	2	REAR MOUNTING BRACKET	18MM WRENCH
8,9	2	CENTER MOUNTING BRACKET	RATCHET
10,11	2	REAR SUPPORT MOUNTING BRACKET	TORQUE WRENCH
12	2	REAR SUPPORT STRAP	
13	4	1/2" HEX BOLTS	
14	4	1/2" LOCK WASHERS	
15	4	1/2" FLAT WASHERS	
16	4	M12 BOLT / M10 NUT PLATE	
17	2	M12 BOLT PLATE	
18	4	M12 FLAT WASHERS	
19	4	M12 LOCK WASHERS	
20	4	M12 HEX NUTS	
21	6	M12 PLASTIC RETAINERS	
22	2	M10 BOLT PLATES	
23	1	M10 FISH WIRE	
24	2	M10 PLASTIC RETAINER	
25	8	M10 HEX BOLTS	
26	6	LARGE M10 FLAT WASHERS	
27	8	SMALL M10 FLAT WASHERS	
28	10	M10 LOCK WASHERS	
29	6	M10 HEX NUTS	
30	4	LONG M8 HEX BOLTS	
31	2	SHORT M8 HEX BOLTS	
32	4	LARGE M8 FLAT WASHERS	
33	2	SMALL M8 FLAT WASHERS	
34	6	M8 LOCK WASHERS	

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



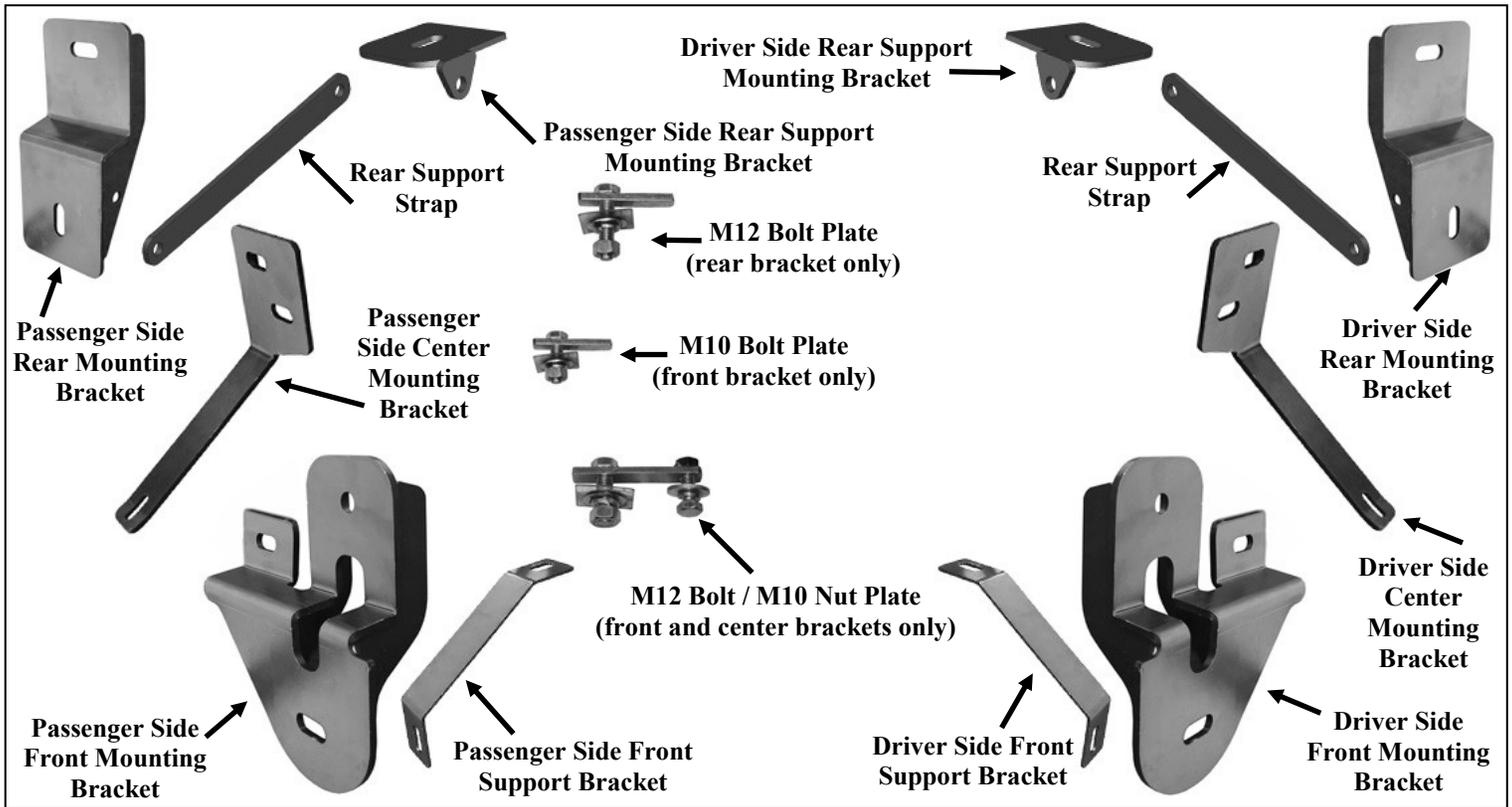
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## PROCEDURE

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.  
**Failure to identify damage before installation could lead to a rejection of any claim.**



2. Starting at the driver side-front of the vehicle, remove the tape covering the factory oval holes in the inner body panel located by the front tire, **(Fig. 1)**. Select the M10 Fish Wire, M10 Bolt Plate and M10 Plastic Retainer. Insert the coiled end of the Fish Wire into the smaller forward slot closest to the front tire opening, **(Fig. 1)**. Feed the Fish Wire back toward and out of the larger oval hole.
3. Thread the coiled end of the Fish Wire onto the threaded end of the Bolt Plate, **(Fig. 2)**. Carefully pull the straight, forward end of the Fish Wire until the threaded end of the Bolt Plate is pulled into the forward hole, **(Fig. 3)**. Hold the Bolt Plate in place and unscrew the Fish Wire. Thread the Plastic Retainer onto the Bolt Plate to hold it in place, **(Fig. 4B)**.  
**IMPORTANT:** The Retainer is designed to keep the Bolt Plate from falling into the body panel and to aid in Bracket installation.
4. Determine correct procedure for your model/year.  
**Models without factory threaded inserts in body panel:**
  - a. Partially thread a M12 Plastic Retainer onto the threaded end of a M12 Bolt and Nut Plate, **(Fig. 5A)**. Insert the Bolt and Nut Plate into the larger rear oval hole and tighten the Plastic Retainer, **(Fig. 5B)**. Proceed to **Step 5**.**Mid 2015-on models with factory threaded inserts:**
  - a. **NOTE:** The M12 Bolt/Nut Plate is not required for this installation. Skip to **Step 5**.



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5. Select the driver side front Mounting Bracket. Position the Mounting Bracket onto the front M10 Bolt Plate. Attach the Bracket to the Bolt Plate with (1) M10 Flat Washer, (1) M10 Lock Washer, and (1) M10 Hex Nut, **(Fig. 6)**. Do not tighten at this time.  
**Driver side up to mid 2015 without factory threaded inserts:**
  - a. Rotate the M12 Bolt and Nut plate until the threaded nut lines up with the remaining hole in the Mounting Bracket and body, **(Fig. 5B)**. Attach the Bracket to the threaded Nut Plate with (1) M10 Hex Bolt, (1) M10 Lock Washer, and (1) M10 Flat Washer, **(Fig. 6)**.**Driver side mid 2015-on with factory threaded inserts:**
  - a. Attach the Brackets to the threaded insert with (1) Long M8 Hex Bolt, (1) M8 Lock Washer, and (1) Large M8 Flat Washer instead of the M10 hardware, **(Fig.7)**. Do not tighten hardware at this time.**Passenger side all model years:**
  - a. Repeat the previous applicable driver side instructions to attach the bottom/rear mounting hole on the passenger side front Bracket to the Bolt/Nut plate or threaded insert if equipped, **(Fig.6 & 7)**. Do not tighten hardware at this time.
6. Remove the driver side front factory body bolt and washer. Select the driver side Front Support Bracket. Insert the factory body bolt and washer through the slot in the Support Bracket and up into its original position, **(Fig. 8 & 9)**. Line up the other end of the Support Bracket with the oval hole in the Front Mounting Bracket. Snug but do not tighten hardware.
7. Move to the mid point on the driver side of the vehicle and remove the tape covering the factory oval hole in the inner body panel, **(Fig. 10B)**. Select and install a M12 Bolt and Nut Plate with M12 Plastic Retainer as described in **Step 3, (Fig. 10A & 10B)**.
8. Select the driver side Center Mounting Bracket. Attach the Mounting Bracket to the Bolt and Nut Plate with (1) M12 Flat Washer, (1) M12 Lock Washer and (1) M12 Hex Nut, **(Fig. 11)**. Rotate the Bolt and Nut plate until the Nut end lines up with the remaining hole in the Mounting Bracket and body. Thread (1) M10 Hex Bolt, (1) M10 Flat Washer, and (1) M10 Lock Washer into the threaded nut. **On models with factory installed threaded insert**, use the Bolt and Nut Plate to attach the top of the Bracket but attach the bottom of the Bracket to the threaded insert with (1) Long M8 Hex Bolt, (1) M8 Lock Washer and (1) Large M8 Flat Washer instead of the M10 hardware, **(Fig. 11)**. Do not tighten hardware at this time.
9. Next, move to the rear mounting location and remove the tape covering the single factory hole, **(Fig. 12B)**. Select (1) M12 Bolt Plate and M12 Plastic Retainer, **(Fig. 12A)**. Partially thread the Retainer onto the Bolt Plate. Insert the Bolt Plate into the factory oval hole. Select (1) Rear Mounting Bracket. Attach the Bracket to the Bolt Plate with (1) M12 Flat Washer, (1) M12 Lock Washer, and (1) M12 Hex Nut. Push Bracket up against the body as you tighten the hardware, **(Fig. 13)**.
10. Remove the driver side rear factory body bolt and washer. Select the driver side Rear Support Mounting Bracket, **(Fig. 14)**. Insert the factory body bolt and washer through the Support Mounting Bracket and up into its original position. Next, select (1) Rear Support Strap and bolt it to the mounting tab on the Rear Support Mounting Bracket and to the Rear Mounting Bracket with (2) M10 Hex Bolts, (4) Small M10 Flat Washers, (2) M10 Lock Washers and (2) M10 Hex Nuts, **(Fig. 15)**. Snug but do not tighten hardware at this time.
11. Select the driver Side Step Bar and with assistance, carefully fasten it to the front and rear Mounting Brackets with the included (2) 1/2" Hex Head Bolts, (2) 1/2" Lock Washers, and (2) 1/2" Flat Washers, **(Fig. 15 & 16)**. Do not tighten at this time.
12. Level and align Side Step Bar properly; then snug all hardware on the front and rear Mounting Brackets first.
13. Line up the Center Mounting Bracket with the threaded insert in the Side Step Bar. Insert (1) Short M8 Hex Bolt, (1) M8 Lock Washer, and (1) M8 STD Flat Washer through the Center Bracket and into the threaded insert in the Sidebar, **(Fig. 17)**. Slowly tighten the Mounting Hardware.
14. Check the Side Step Bars for level and adjust as necessary. Tighten all hardware at this time.

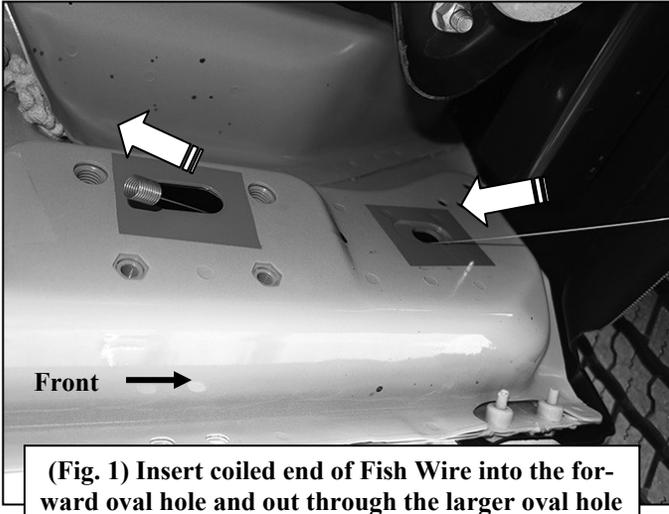


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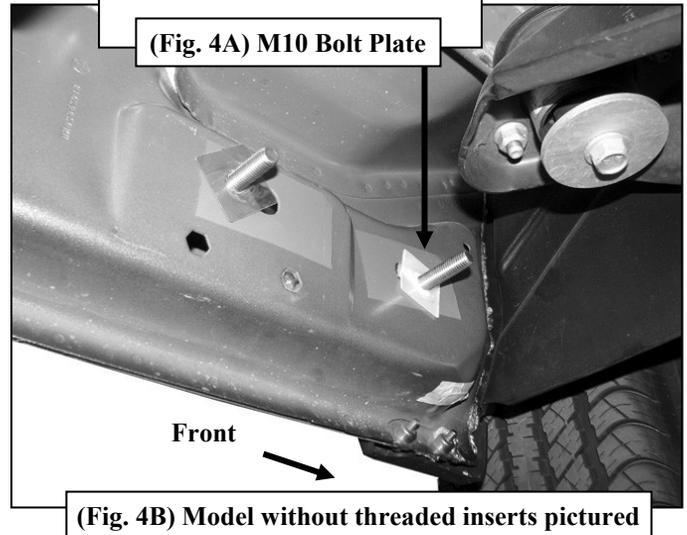
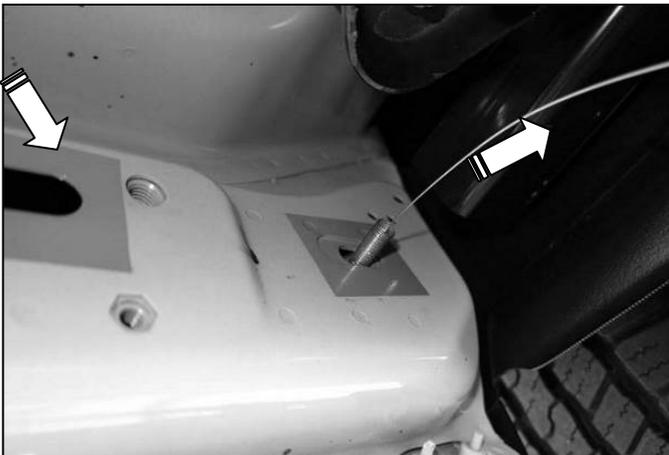
15. Repeat **Steps 2—14** for passenger Side Step Bar installation. **NOTE:** Pay close attention to specific information regarding passenger side front Bracket installation in **Step 5**.

16. Do periodic inspections to the installation to make sure all hardware is secure and tight.

**DRIVER SIDE INSTALLATION PICTURED**

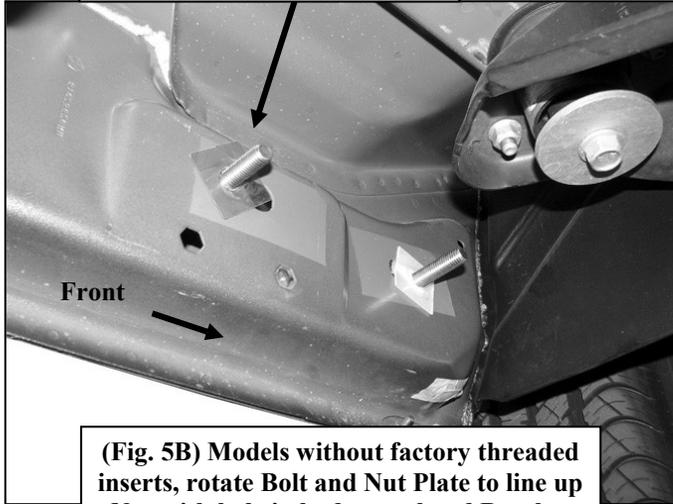


(Fig. 2) With Fish Wire as pictured on Figure 1 in body panel, thread M10 Bolt Plate onto coiled end

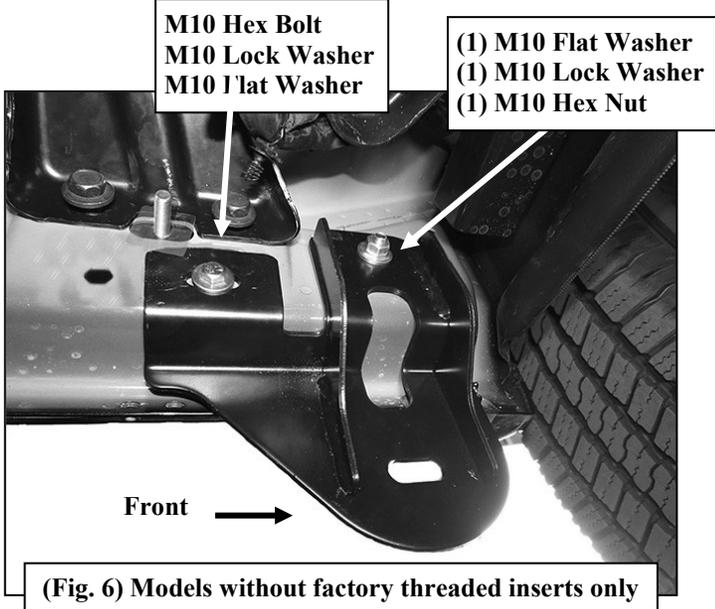


**DRIVER SIDE INSTALLATION PICTURED**

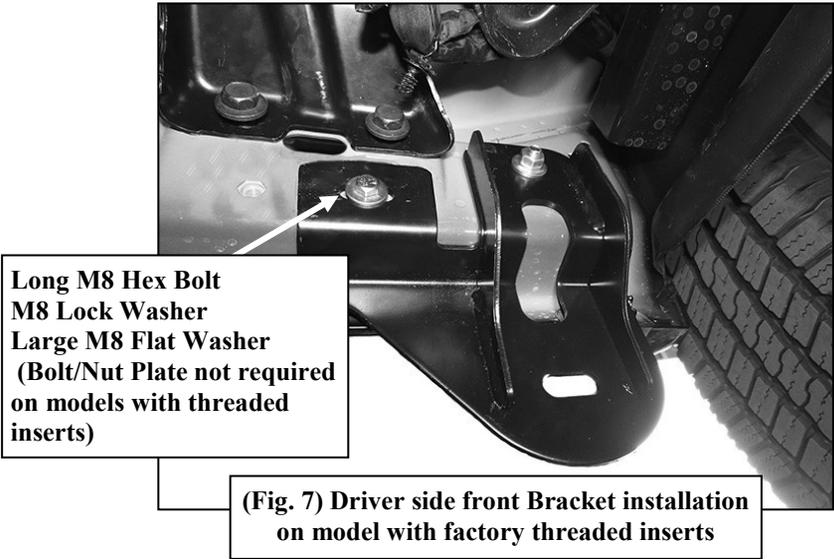
**(Fig. 5A) Bolt and Nut Plate**



**(Fig. 5B) Models without factory threaded inserts, rotate Bolt and Nut Plate to line up Nut with hole in body panel and Bracket**



**(Fig. 6) Models without factory threaded inserts only**



**(Fig. 7) Driver side front Bracket installation on model with factory threaded inserts**

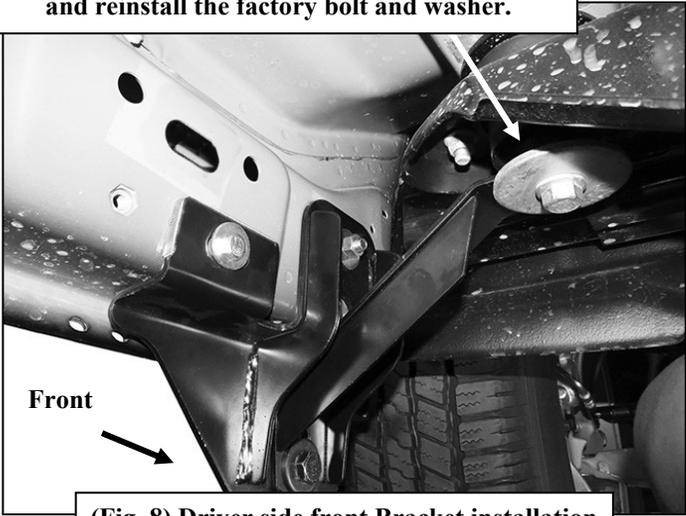


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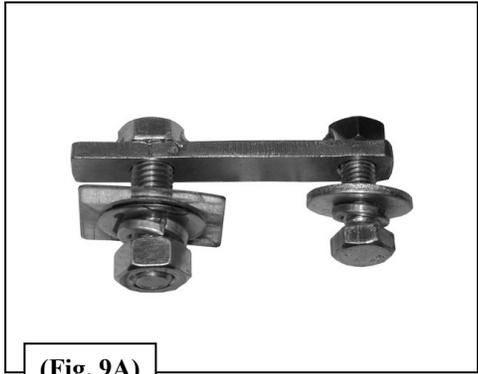
**DRIVER SIDE INSTALLATION PICTURED**

Remove the factory body mount bolt and washer, line up the slot in the driver side Support Bracket and reinstall the factory bolt and washer.

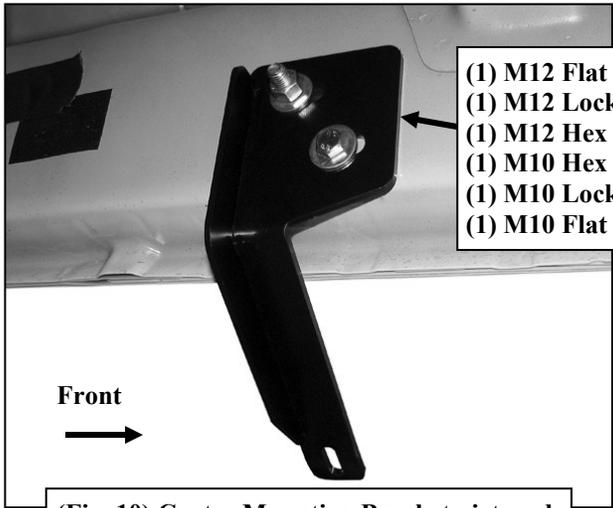


Front

(Fig. 8) Driver side front Bracket installation



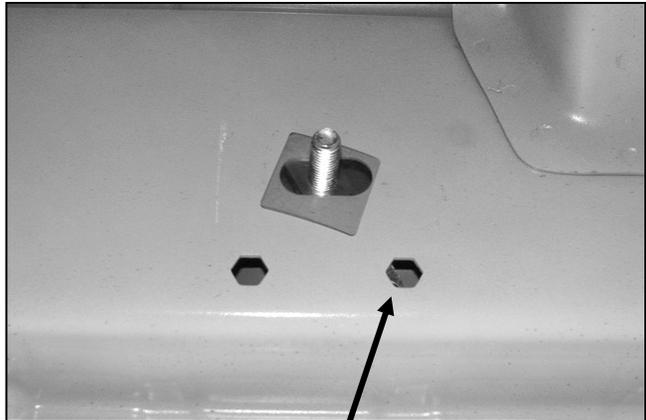
(Fig. 9A)



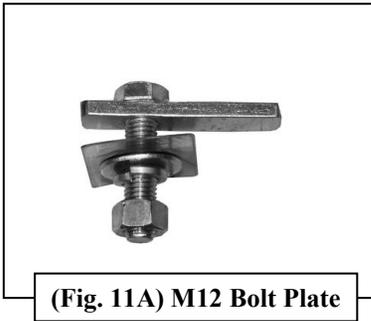
Front

- (1) M12 Flat Washer
- (1) M12 Lock Washer
- (1) M12 Hex Nut
- (1) M10 Hex Bolt
- (1) M10 Lock Washer
- (1) M10 Flat Washer

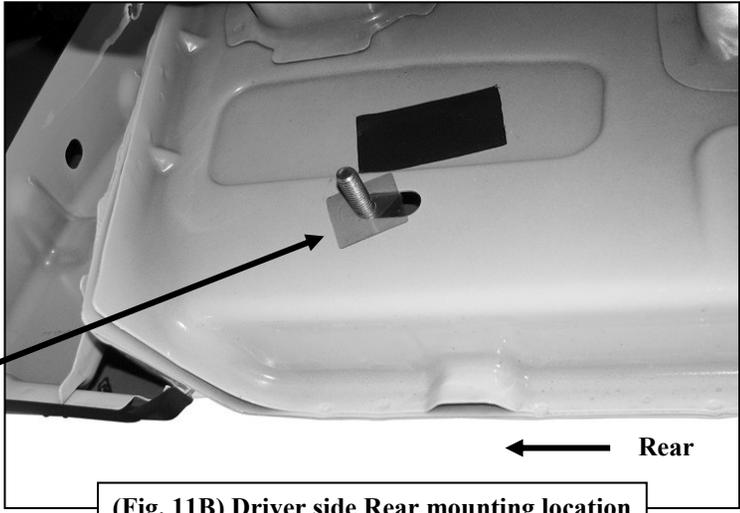
(Fig. 10) Center Mounting Bracket pictured.



(Fig. 9B) Insert Bolt and Nut Plate with Retainer into center location. Rotate Bolt and Nut plate to line up Nut with this hole in body panel and slot in Bracket.



(Fig. 11A) M12 Bolt Plate



Rear

(Fig. 11B) Driver side Rear mounting location

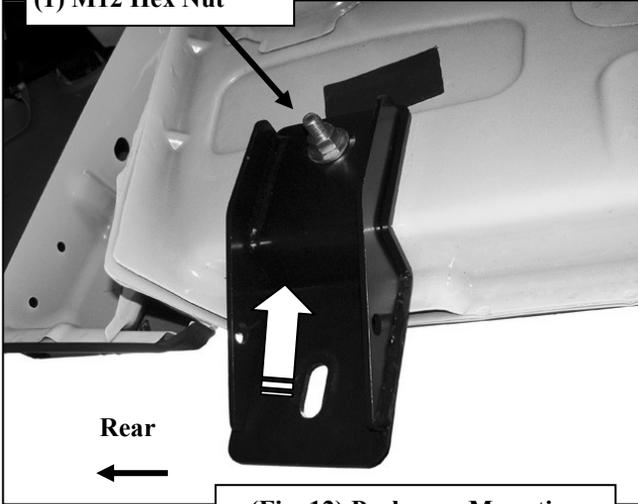


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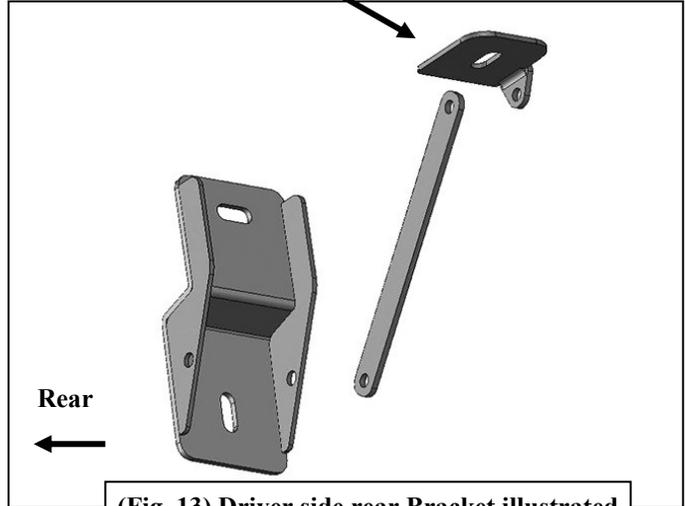
**DRIVER SIDE INSTALLATION PICTURED**

- (1) M12 Flat Washer
- (1) M12 Lock Washer
- (1) M12 Hex Nut



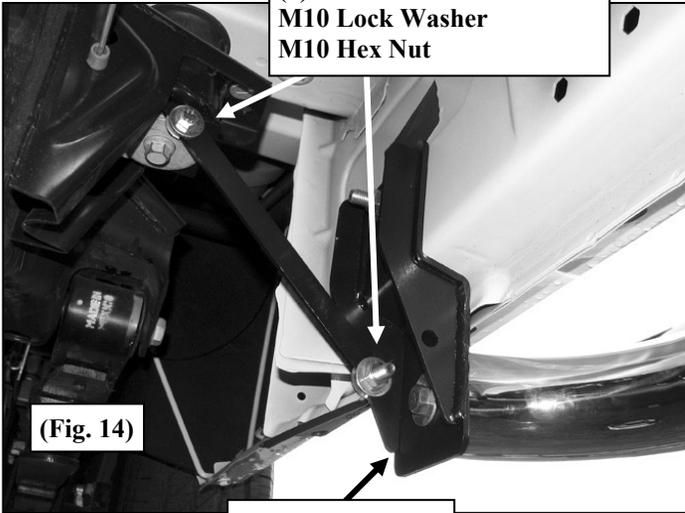
(Fig. 12) Push rear Mounting Bracket up against the body as you tighten hardware

Remove the factory rear body mount bolt and washer. Use the factory body bolt to attach the driver side rear Support Mounting Bracket to the body mount

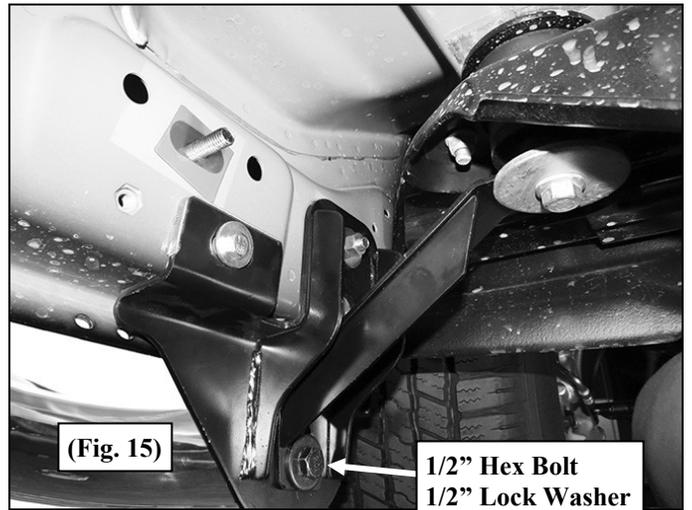


(Fig. 13) Driver side rear Bracket illustrated

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



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

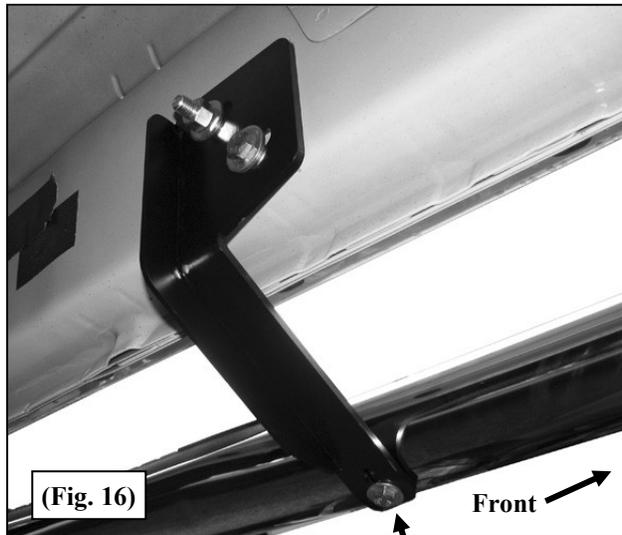


- 1/2" Hex Bolt
- 1/2" Lock Washer
- 1/2" Flat Washer



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Short M8 Hex Bolt  
 M8 Lock Washer  
 M8 Flat Washer



**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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