



## **INSTALLATION INSTRUCTIONS**

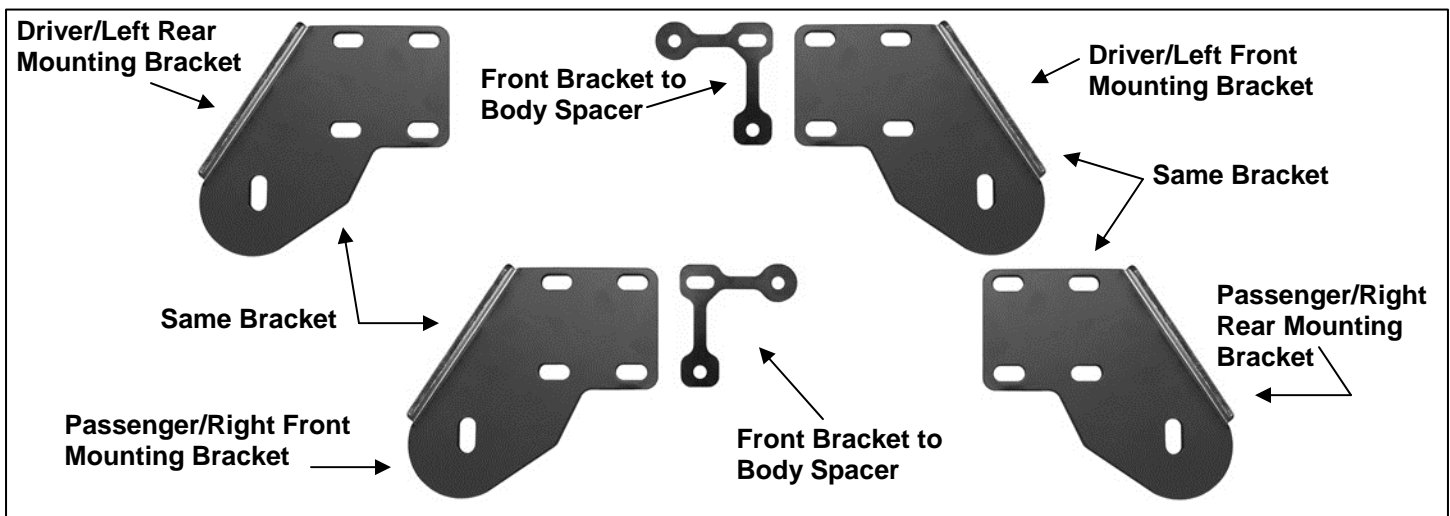
**90-DEGREE BENT END SIDEBAR**

**99-12 FORD F-250/450 SUPERDUTY REG, SUPER AND SUPER CREW CABS**

**PART #233006/233006-2/TB233006**

**PARTS LIST:**

1	Passenger Sidebar	4	1/2 x 1-1/2" OD x 1/8" Flat Washers
1	Driver Sidebar	6	10mm Clip Nuts
2	Driver Side Front/Passenger Side Rear Mounting Brackets	14	10-1.50mm x 40mm Hex Head Bolts
2	Driver Side Rear/Passenger Side Front Mounting Brackets	22	10mm x 27mm OD x 3mm Flat Washers
2	Front Bracket Spacers	14	10mm Lock Washers
4	1/2" x 2" Hex Bolts	8	10mm Hex Nuts
4	1/2" Lock Washers		



**PROCEDURE:**

1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS RECOMMENDED.
2. Starting on the driver side-front of the vehicle, locate the front set of factory holes in the body panel and the (2) holes in the pinch weld under the front of the front door, (**Figures 1 & 2**). Insert (1) 10mm Clip Nut into the rectangular opening and line up the threaded hole in the Clip with the round hole next to the opening. **NOTE:** Threaded nut must go towards the inside of the body panel, (**Figures 1 & 2**).
3. Next, select (1) Front Bracket Spacer and (1) Driver Side Front Bracket. Line up the (2) holes in the Spacer with the Clip Nut and (1) hole in the pinch weld, (**Figures 3 & 4**). Insert (1) 10mm x 40mm Hex Bolt, (1) 10mm Lock Washer and (1) 10mm Flat Washer through the top hole in the Bracket, the Spacer and into the Clip Nut, (**Figure 5**). Leave hardware loose. Bolt the bottom of the Bracket to the pinch weld and Spacer with the included (2) 10mm x 40mm Hex Bolts, (2) 10mm Lock Washers, (4) 10mm Flat Washers and (2) 10mm Hex Nuts, (**Figure 5**). **NOTE:** Insert Hex Bolts in from the outside, through the pinch weld and then the Bracket.
4. Move to the last mounting location at the rear of the cab. Repeat **Steps 2 – 3** for Rear Mounting Bracket installation, (**Figures 6 & 7**). **NOTE:** Each rear mounting location is made up of a rectangular hole with a round hole on each side and two holes through pinch weld, (**Figure 7**).
5. With assistance, carefully place the Sidebar into position and attach it to the Mounting Brackets using the included (2) 1/2" x 2" Hex Bolts, (2) 1/2" Lock Washers and (2) 1/2" Flat Washers, (**Figures 5 & 8**).
6. Level and align the Sidebar with the side of the vehicle then tighten all hardware.
7. Repeat **Steps 2 – 6** for passenger side Mounting Bracket and Sidebar installation.

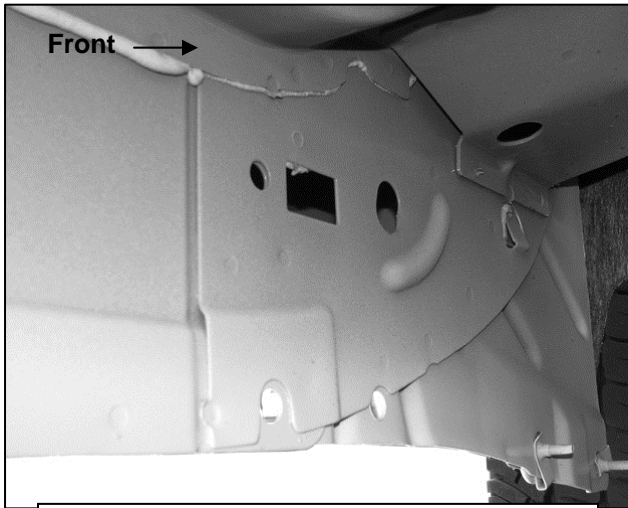
8. Periodically check and retighten the hardware as necessary.

**To protect your investment**, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

**For stainless steel:** Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap may be used also to clean the Sidebar.

**For gloss black finishes:** Mild soap may be used to clean the Sidebar.

### Driver Side Installation Pictured



(Fig 1) Driver side front mounting location

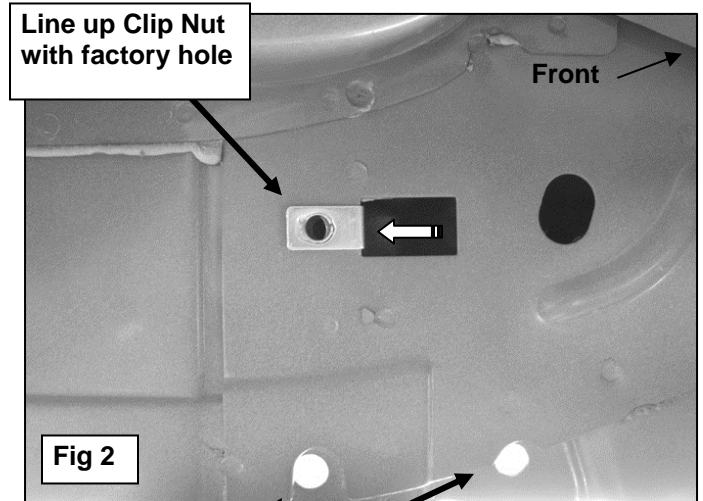
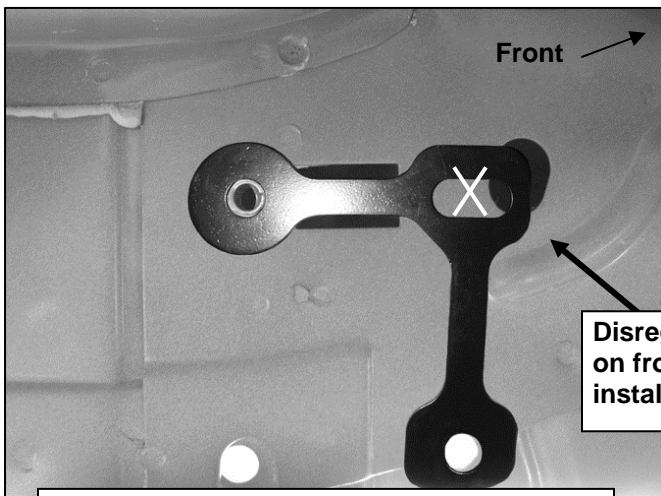


Fig 2

Back of pinch weld



(Fig 3) Front Bracket Spacer on driver side

Disregard extra slot on front bracket installation

Spacer installs between the body panel and front Bracket only

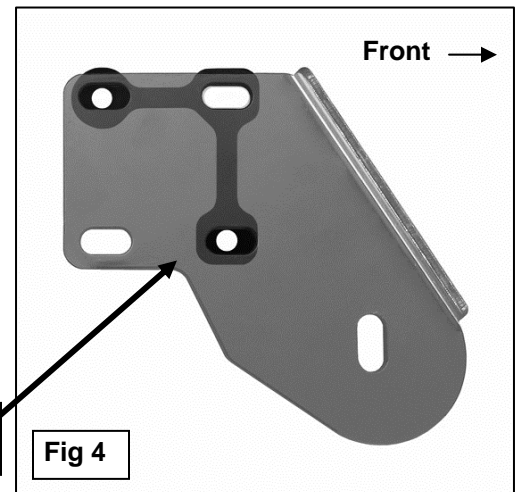


Fig 4

### Driver Side Installation Pictured

- 10mm Clip Nut
- 10mm x 40mm Hex Bolt
- 10mm Lock Washer
- 10mm Flat Washer

Disregard extra slot on front bracket installation

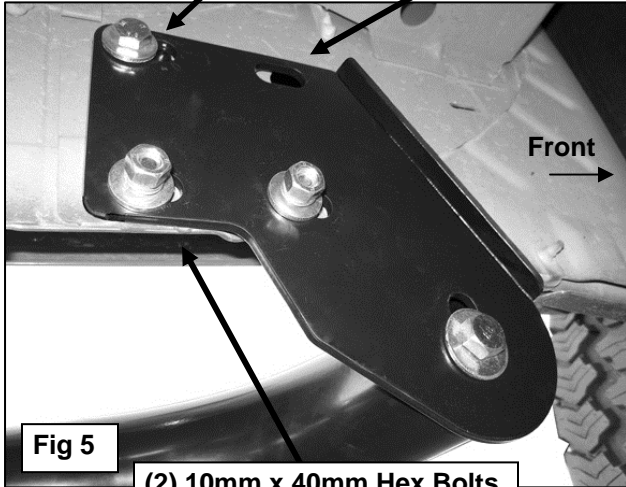
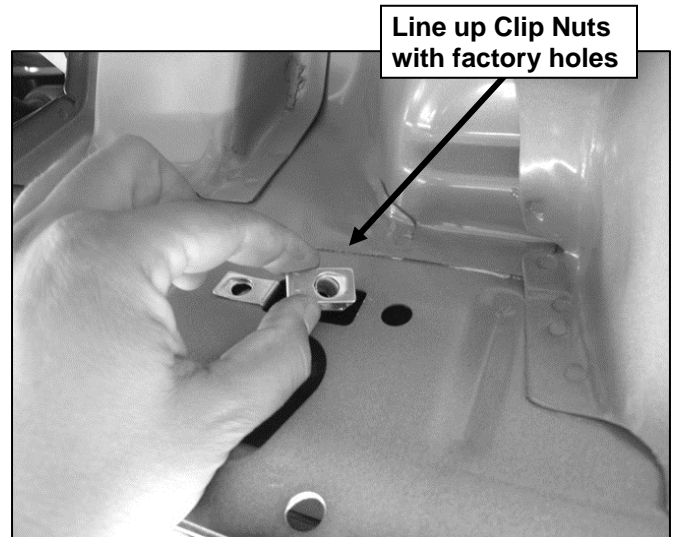


Fig 5

- (2) 10mm x 40mm Hex Bolts
- (2) 10mm Lock Washers
- (4) 10mm Flat Washers
- (2) 10mm Nuts



(Fig 6) Example of typical rear mounting location

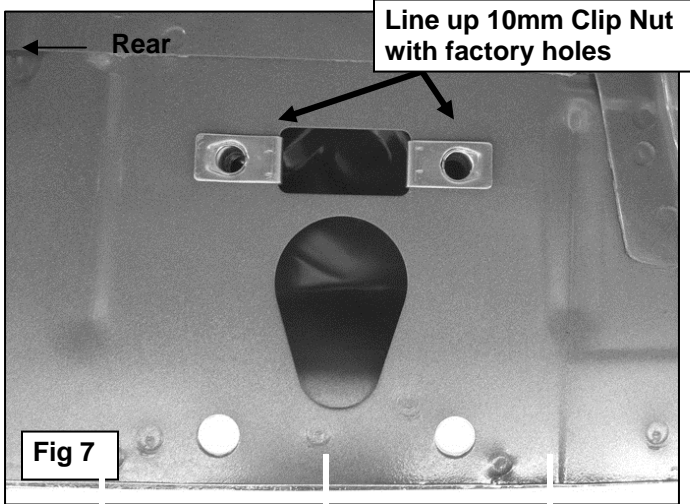


Fig 7

- (2) Clip Nuts
- (2) 10mm x 40mm Hex Bolts
- (2) 10mm Lock Washers
- (2) 10mm Flat Washers

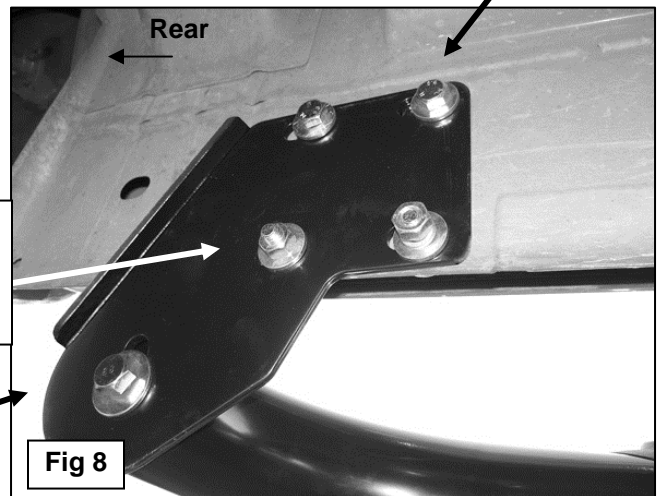


Fig 8

- (2) 10mm x 40mm Hex Bolts
- (2) 10mm Lock Washers
- (4) 10mm Flat Washers
- (2) 10mm Nuts

- 1/2" x 2" Hex Bolts
- 1/2" Lock Washer
- 1/2" Flat Washer