



3" W2W Nerf Bar

Part No. A3012S/B



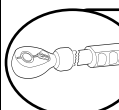
Fits: 2010 - Current Dodge Ram 2500/3500 Crew Cab 8' Bed



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



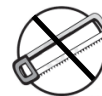
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



DO NOT OVER TORQUE. STANDARD OPERATING LOAD FOR TIGHTEN BODY MOUNT NUTS & BOLTS VARIES FROM 45 TO 65 FOOT POUND.



60-180 min



Cutting Not Required



Drilling Not Required



support@trailfx.com



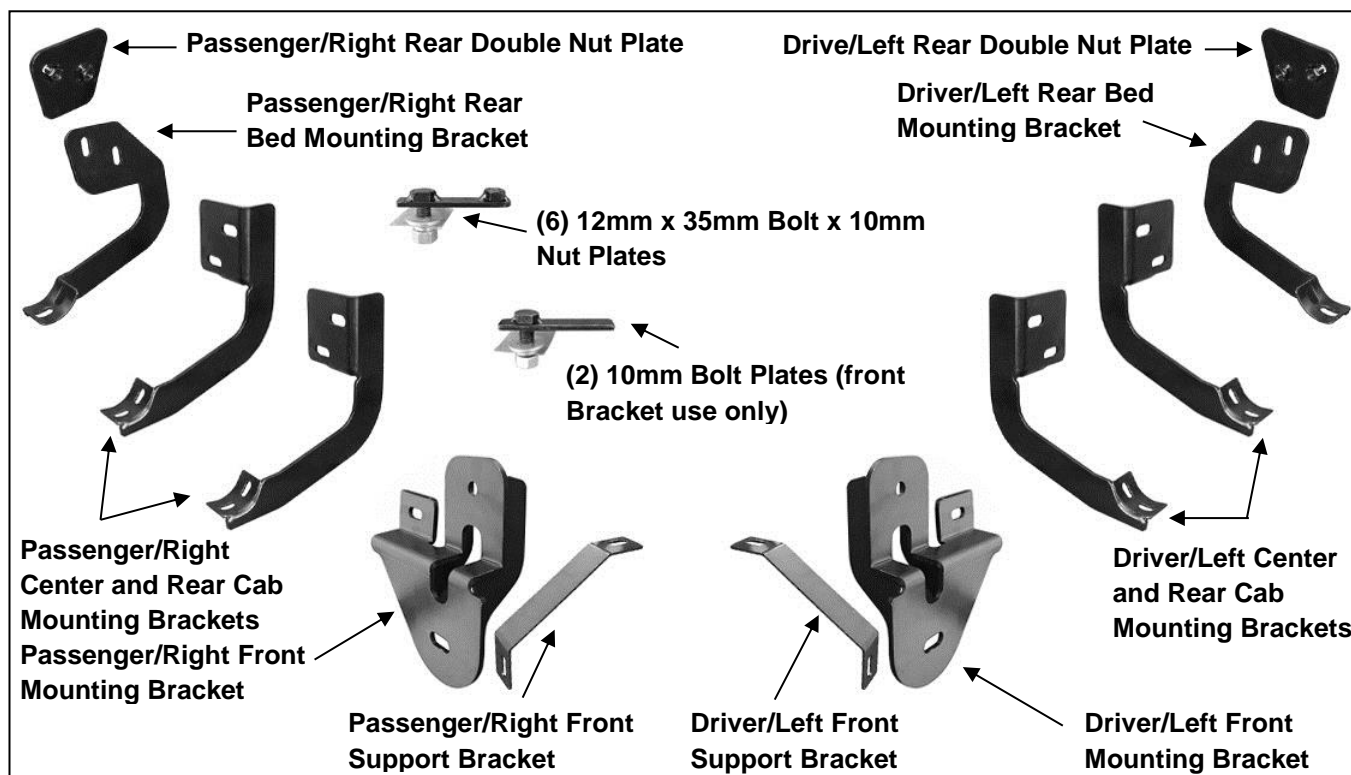
1 866 638 4870



POLISHED STAINLESS STEEL – LIMITED LIFETIME
POWDER COATED BLACK – 3 YEARS

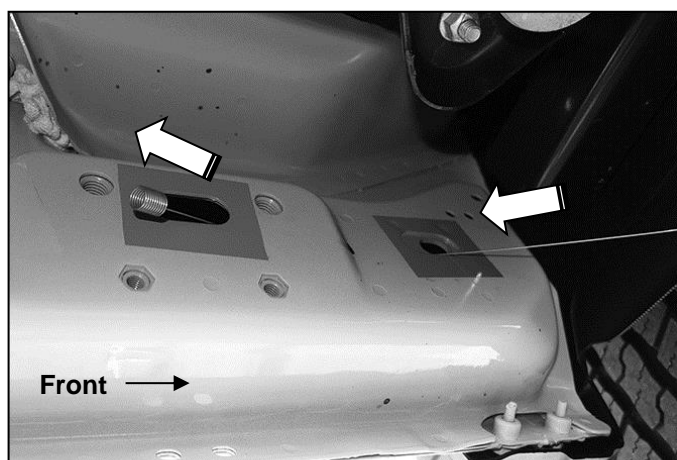
PARTS LIST:

Qty	Part Description	Qty	Part Description
1	Driver/Left Sidebar	2	1/2" x 2" Hex Bolts
1	Passenger/Right Sidebar	2	1/2" Lock Washers
1	Driver/Left Front Mounting Bracket	2	1/2" X 1-1/2" OD x 1/8" Flat Washers
1	Driver/Left Front Support Bracket	4	12mm x 32mm OD x 3mm Flat Washers
1	Passenger/Right Front Mounting Bracket	4	12mm Lock Washers
1	Passenger/Right Front Support Bracket	4	12mm Hex Nuts
2	Driver/Left Center and Rear Cab Mounting Brackets	6	10-1.5mm x 35mm Hex Bolts
2	Passenger/Right Center and Rear Cab Brackets	4	10-1.5mm x 30mm Hex Bolts
1	Driver/Left Rear Bed Mounting Bracket	2	10mm x 30mm OD x 2.5mm Flat Washers
1	Driver/Left Rear Double Nut Plate	10	10mm x 27mm OD x 3mm Flat Washers
1	Passenger/Right Rear Bed Mounting Bracket	12	10mm Lock Washers
1	Passenger/Right Rear Double Nut Plate	2	10mm Hex Nuts
6	12mm Plastic Retainers	6	8-1.25 x 30mm Hex Bolts
2	10mm Plastic Retainers	12	8-1.25 x 25mm Hex Bolts
6	12mm x 35mm Bolt x 10mm Nut Plates	6	8mm x 28mm x 3mm Large Flat Washers
2	10mm Bolt Plates	12	8mm x 24mm x 2mm Flat Washers
1	10mm Fish Wire	18	8mm Lock Washers



PROCEDURE:

- 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, **(Figure 1)**. Select the 10mm Fish Wire, 10mm Bolt Plate and 10mm Plastic Retainer. Insert the coiled end of the Fish Wire into the smaller forward slot closest to the front tire opening, **(Figure 1)**. Feed the Fish Wire back toward and out of the larger oval hole.



(Fig 1) Insert coiled end of Fish Wire into the forward oval hole and out through the larger oval hole.

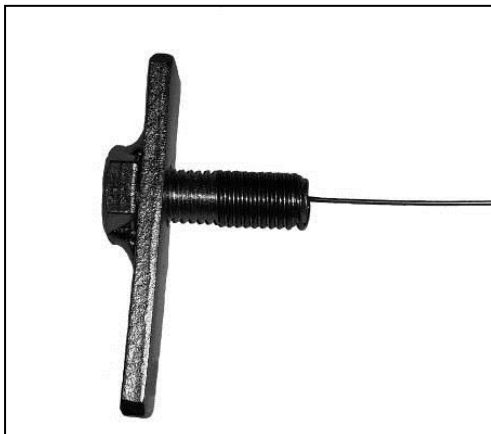
- Thread the coiled end of the Fish Wire onto the threaded end of the Bolt Plate, **(Figure 2)**. Carefully pull the straight, forward end of the Fish Wire until the threaded end of the Bolt Plate is pulled into the forward hole, **(Figure 3)**. Hold the Bolt Plate in place and unscrew the Fish Wire. Thread the Plastic Retainer onto the Bolt Plate to hold it in place, **(Figure 5)**. **IMPORTANT:** The Retainer is designed to keep the Bolt Plate from falling into the body panel and to aid in Bracket installation.
- Determine correct procedure for your model/year.

Models without factory threaded inserts in body panel:

- Partially thread a 12mm Plastic Retainer onto the threaded end of a 12mm Bolt and Nut Plate, **(Figure 4)**. Insert the Bolt and Nut Plate into the larger rear oval hole and tighten the Plastic Retainer, **(Figure 5)**. Proceed to **Step 4**.

Models with factory threaded inserts:

- NOTE:** The 12mm Bolt/Nut Plate is not required for this installation. Skip to **Step 4**.



(Fig 2) With Fish Wire as pictured on Figure 1 in body panel, thread 10mm Bolt Plate onto coiled end

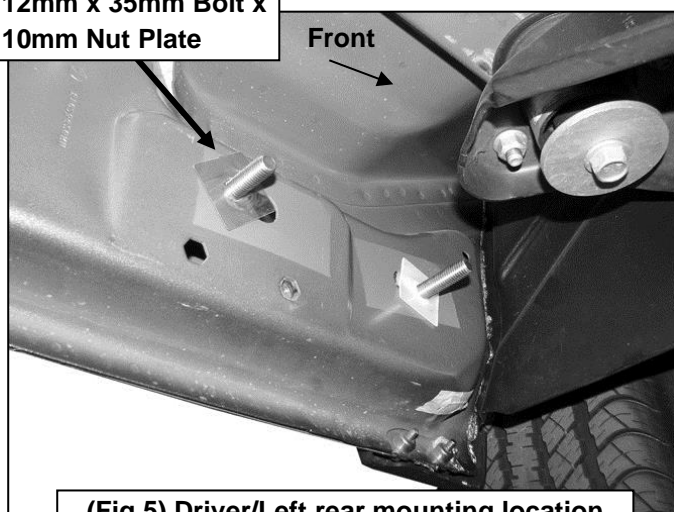


(Fig 4) 12mm x 35mm Bolt x 10mm Nut Plate with Plastic Retainer



(Fig 3) With the 10mm Bolt Plate attached, slowly pull the Fish Wire back through the forward hole in the body panel. Once completely exposed as pictured, firmly hold the Bolt Plate in place, remove the Fish Wire and thread (1) 10mm Plastic Retainer onto the Bolt Plate to hold it in place (see Fig. 5),

12mm x 35mm Bolt x 10mm Nut Plate



(Fig 5) Driver/Left rear mounting location

4. Select the driver side front Mounting Bracket. Position the Mounting Bracket onto the front 10mm Bolt Plate. Attach the Bracket to the Bolt Plate with (1) 10mm Flat Washer, (1) 10mm Lock Washer and (1) 10mm Hex Nut, (**Figure 6**). Do not tighten at this time.

Driver side without factory threaded inserts:

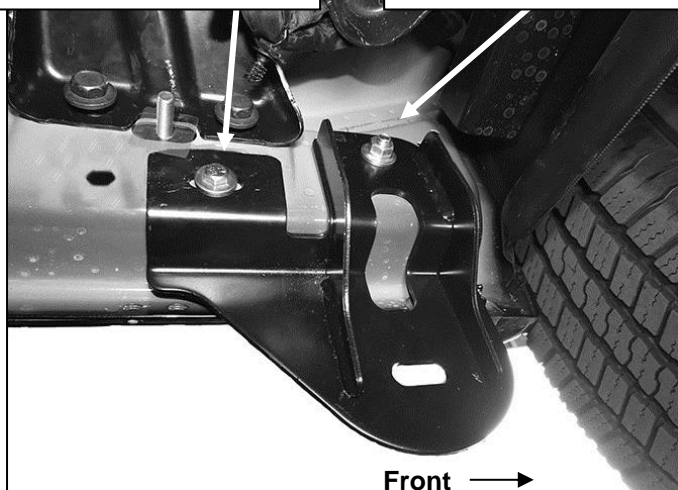
- a. Rotate the 12mm Bolt and Nut plate until the threaded nut lines up with the remaining hole in the Mounting Bracket and body, (**Figure 6**). Attach the Bracket to the threaded Nut Plate with (1) 10mm x 35mm Hex Bolt, (1) 10mm Lock Washer and (1) 10mm Flat Washer.

Driver side with factory threaded inserts:

- a. Attach the Bracket to the threaded insert with (1) 8mm x 30mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm x 28mm Large Flat Washer instead of the 10mm hardware, (**Figure 7**). Do not tighten hardware at this time.

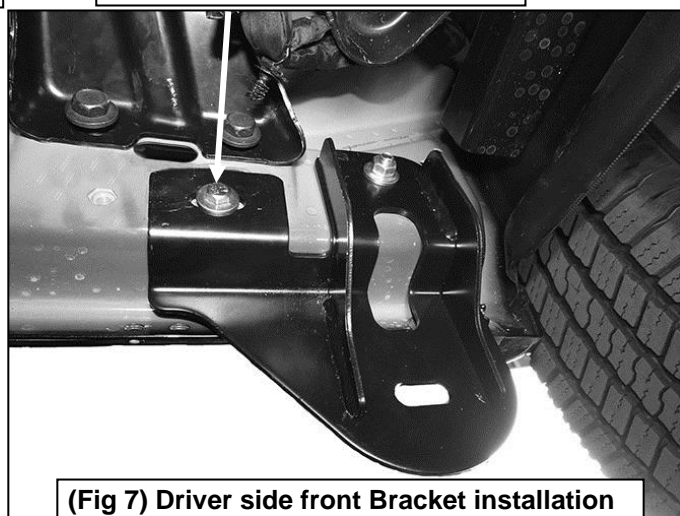
10mm x 35mm Hex Bolt
10mm Lock Washer
10mm Flat Washer

(1) 10mm Flat Washer
(1) 10mm Lock Washer
(1) 10mm Hex Nut



(Fig 6) Models without factory threaded inserts only

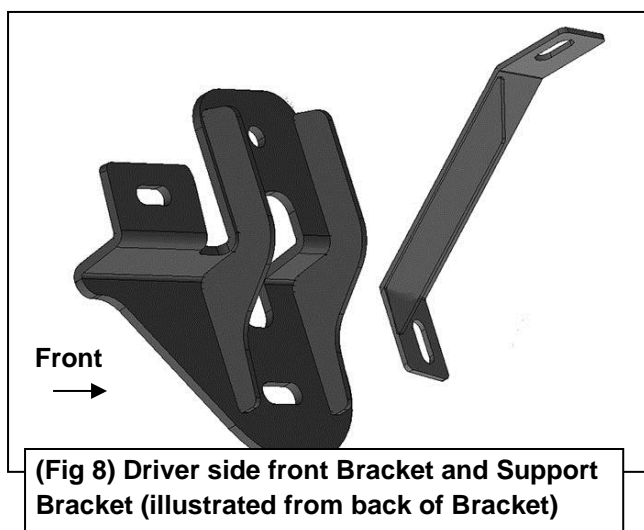
8mm x 30mm Hex Bolt
8mm Lock Washer
8mm x 28mm Large Flat Washer
(Bolt/Nut Plate not required on models with threaded inserts)



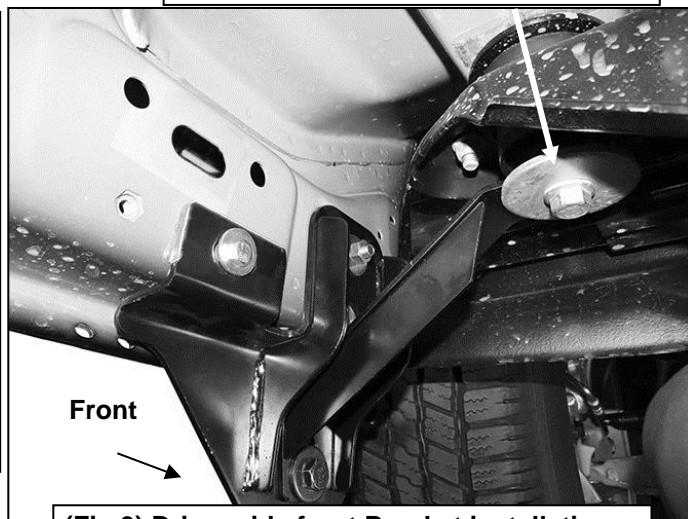
(Fig 7) Driver side front Bracket installation on model with factory threaded inserts

5. Remove the driver side front factory body bolt and washer. Select the driver side Front Support Bracket, **(Figure 8)**. Insert the factory body bolt and washer through the slot in the Support Bracket and up into its original position, **(Figure 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.

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.

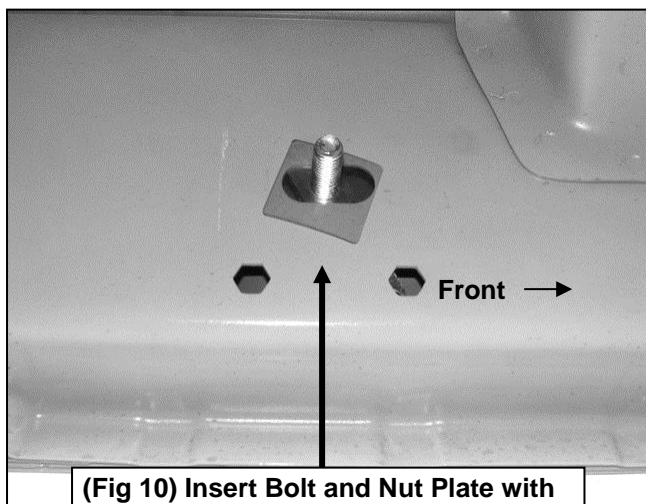


(Fig 8) Driver side front Bracket and Support Bracket (illustrated from back of Bracket)



(Fig 9) Driver side front Bracket installation

6. Move along the side of the body panel to the center mounting location, **(Figure 10)**. Select (1) 12mm Bolt/Nut Plate. Repeat **Step 3a** to install the Bolt/Nut Plate. Select (1) driver side center Bracket. Attach the Bracket to the Bolt/Nut Plate with (1) 12mm Flat Washer, (1) 12mm Lock Washer and (1) 12mm Hex Nut, **(Figure 11)**. Do not tighten hardware at this time. Line up the remaining hole in the Bracket with the hole in the inner body panel. Rotate the Bolt and Nut Plate until the threaded end (Nut) lines up with the hole in the Bracket. Secure with (1) 10mm x 35mm Hex Bolt, (1) 10mm Lock Washer and (1) 10mm Flat Washer, **(Figure 12)**.
- a. **IMPORTANT NOTE:** Models with threaded insert, attach the Bracket to the threaded insert with (1) 8mm x 30mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm Flat Washer. The 10mm hardware will not be required (**Step 4**). Snug but do not tighten hardware.
7. Repeat **Step 6** to install the remaining driver side center Bracket at the rear mounting location along the inner body panel, **(Figure 12)**.

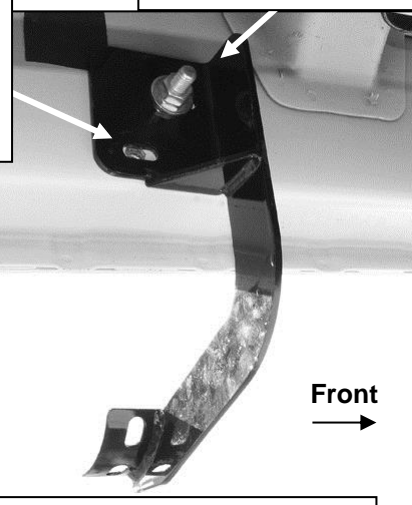


(Fig 10) Insert Bolt and Nut Plate with Retainer into center mounting location

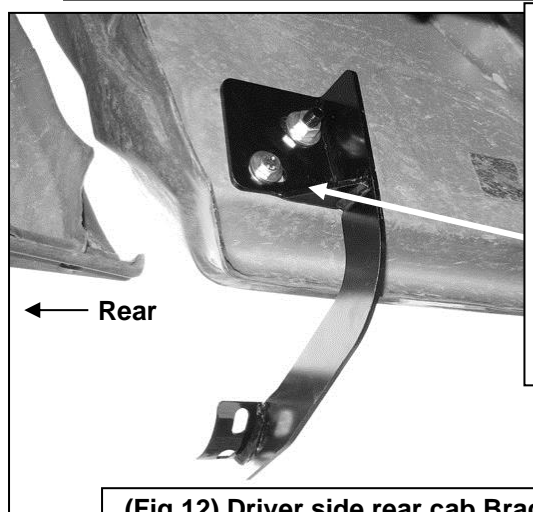
Models without threaded insert using Bolt/Nut Plate, use:
 10mm x 35mm Hex Bolt
 10mm Lock Washer
 10mm Flat Washer

Models with threaded insert use:
 8mm x 30mm Hex Bolt
 8mm Lock Washer
 8mm LRG Flat Washer

12mm Flat Washer
 12mm Lock Washer
 12mm Hex Nut



(Fig 11) Driver side center Bracket

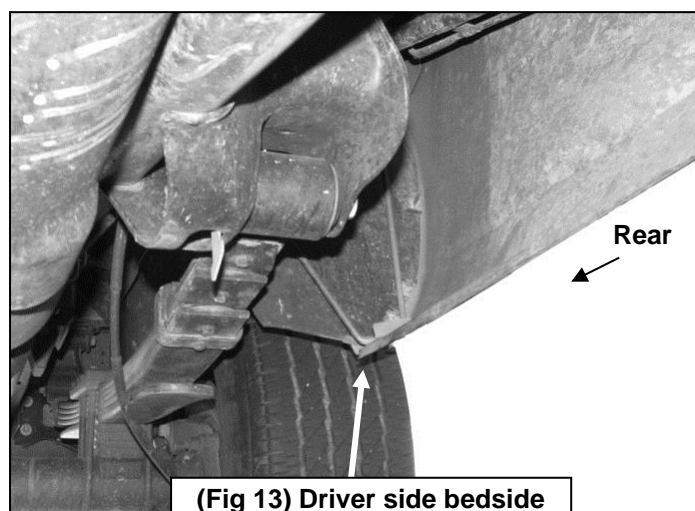


(Fig 12) Driver side rear cab Bracket

Models without threaded insert using Bolt/Nut Plate, use:
 10mm x 35mm Hex Bolt
 10mm Lock Washer
 10mm Flat Washer

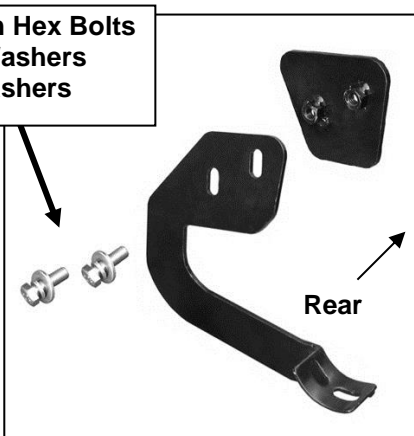
Models with threaded insert use:
 8mm x 30mm Hex Bolt
 8mm Lock Washer
 8mm LRG Flat Washer

8. Locate the driver side rear bedside support bracket in front of the rear tire opening, (Figure 13). Select the driver side Rear Bed Bracket and Double Nut Plate, (Figure 14). Slide the Double Nut Plate into position on the back of the support bracket with the (2) welded hex nuts facing forward inside the factory support bracket, (Figure 15). Hold the rear Bed Bracket up in place in front of the support bracket and line up the (2) mounting holes. Bolt the Bracket to the Nut Plate with the included (2) 10mm x 30mm Hex Bolts, (2) 10mm Lock Washers and (2) 10mm Flat Washers, (Figures 14 & 16). Do not tighten hardware at this time.

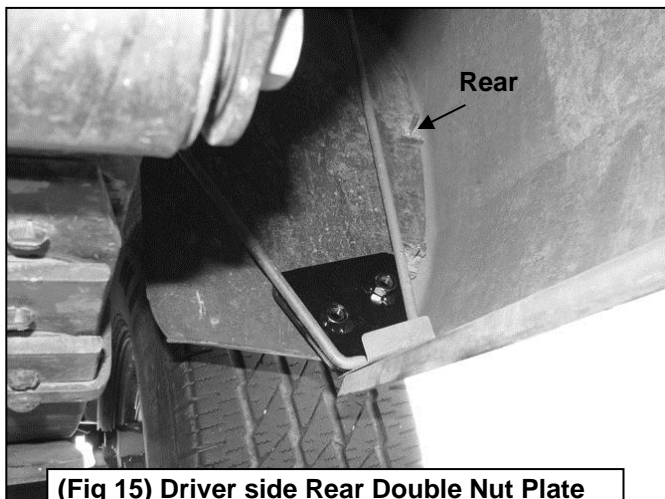


(Fig 13) Driver side bedside support bracket pictured

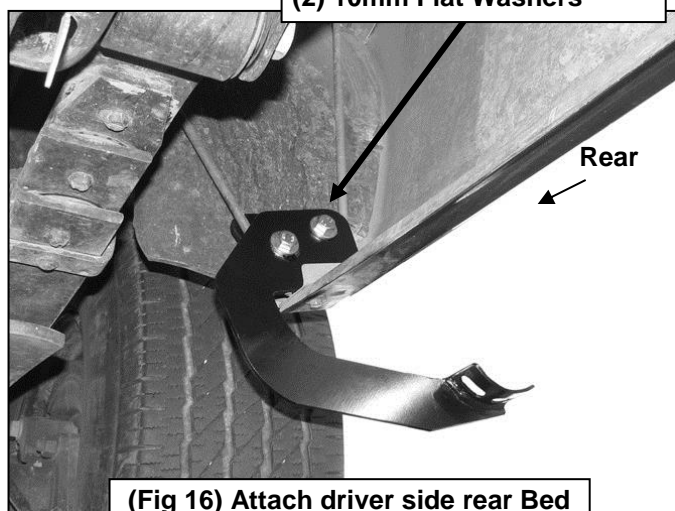
(2) 10mm x 30mm Hex Bolts
 (2) 10mm Lock Washers
 (2) 10mm Flat Washers



(Fig 14) Driver side Bed Mounting Bracket and Double Nut Plate pictured



(Fig 15) Driver side Rear Double Nut Plate pictured behind factory bedside support



(Fig 16) Attach driver side rear Bed Bracket to the front of the Nut Plate

9. Once all (4) of the driver side Brackets have been installed, with assistance, carefully position the driver Sidebar up to the front Bracket and onto the (3) Mounting Brackets. Attach the Sidebar to the front bracket with the included (1) 1/2" x 2" Hex Bolt, (1) 1/2" Lock Washer and (1) 1/2" Flat Washer, **(Figure 17)**. Bolt the Sidebar to the (3) cradles on the Mounting Brackets with the included (6) 8mm x 25mm Hex Bolts, (6) 8mm Lock Washers, and (6) 8mm Flat Washers, **(Figure 18)**. Do not tighten hardware.

(Fig 17) Attach Sidebar to front Bracket



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

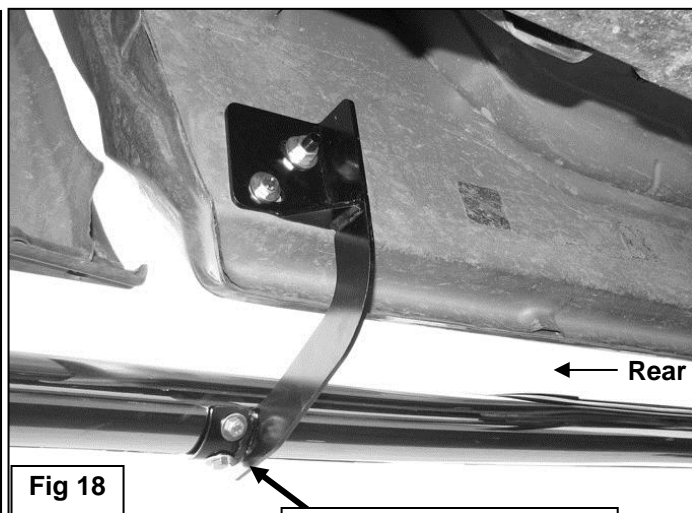


Fig 18

**8mm x 25mm Hex Bolts
8mm Flat Washers
8mm Lock Washers**

10. Properly level and adjust the Sidebar and tighten all hardware at this time.
11. Repeat **Steps 1—10** for passenger Sidebar installation.
12. Do periodic inspections to the installation to make sure that all hardware is secure and tight.



Installation Complete

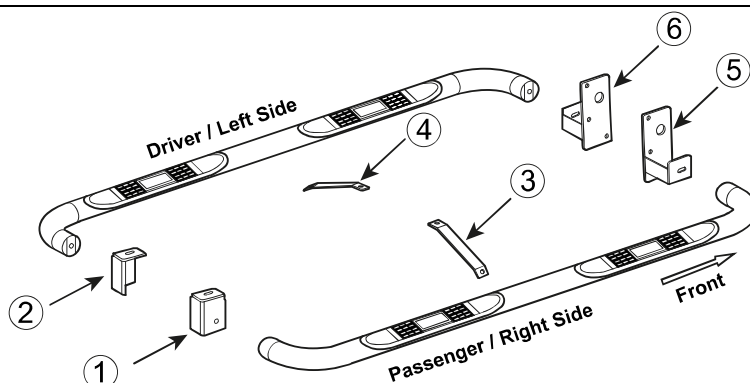
PARTS IDENTIFICATION GUIDE

Driver Side tube packed using "Green" color foam sheet. Passenger Side tube packed using "White" color foam sheet

No.	Parts Identification
1	Passenger / Right 'Rear' Bracket marked "PR"
2	Driver / Left 'Rear' Bracket marked "DR"
3	Passenger / Right 'Center' Bracket marked "PC"
4	Driver / Left 'Center' Bracket marked "DC"
5	Passenger / Right 'Front' Bracket marked "PF"
6	Driver / Left 'Front' Bracket marked "DF"

Note:

- This guide is to identify the parts and not a reference for part count.
- For part count, refer Parts List.
- Product / Bracket image is representative and actual design may vary.

**PRODUCT CARE**

- Periodically check the product to ensure all fasteners are tight and components are intact.
- Regular waxing is recommended to protect the finish of the product.
- **Use ONLY Non-Abrasive automotive wax.** Use of any soap, polish or wax that contains an abrasive is detrimental and can scratch the finish leading to corrosion.
- Aluminum polish may be used to polish small scratches and scuffs for **Stainless Steel finish.**
- Mild soap may be used to clean the product for both **Stainless Steel and Black finish.**

FAQ's**1. Hardware's are not of correct size.**

In GMC / Chevrolet truck model 2006 & up, customer needs to reuse the factory body bolts to install the bracket. If your vehicle is not GMC / Chevrolet 2006 & up, ensure that holes are not partially covered with any plastic grommet or rust? If it is, remove the plastic grommet & rust from the thread holes & re-try the installation.

2. Mounting Bracket are not getting Installed properly.

In some cases Illustration images shown in Installation manual may not be the exactly same as per actual vehicle images ,also if Driver / Passenger side mounting brackets are very identical in the design, suggest referring Parts Identification guide to avoid fitment issue.

3. Products are thumping / rattling after installation.

Ensure that all required mounting brackets / hardware's are installed & tighten correctly. Suggest using white lithium / regular grease between the metal to metal contact surfaces.

4. Side Bar is not aligning with vehicle / Step Pads are not aligning with vehicle doors.

Side bar may be interchanged or mounting brackets are not installed at the correct position in the vehicle. Refer Parts identification guide.

5. Missing / Excess Hardware.

Recheck hardware count as per the part list.

6. Product not installing properly.

Ensure make model year, cab length and bed size of your vehicle is listed in the application. All installation steps are followed correctly.

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BULL BAR



GRILLE GUARDS



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