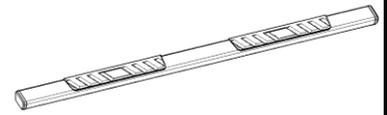


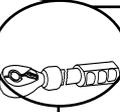


4" Side Bar

Part No. A4012S/B



Fits: 2009-2018 Dodge Ram 1500 Crew Cab(Incl. 2019-Current Ram 1500 Classic)
2010-Current Dodge Ram 2500/3500 Crew Cab(Excl. Chassis Cab Diesel models)



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 7 TO 8.5 FOOT POUND FOR AND 18 TO 20 FOOT POUND FOR M8.



60-180 min



CUTTING NOT REQUIRED



DRILLING May Be REQUIRED



support@trailfx.com



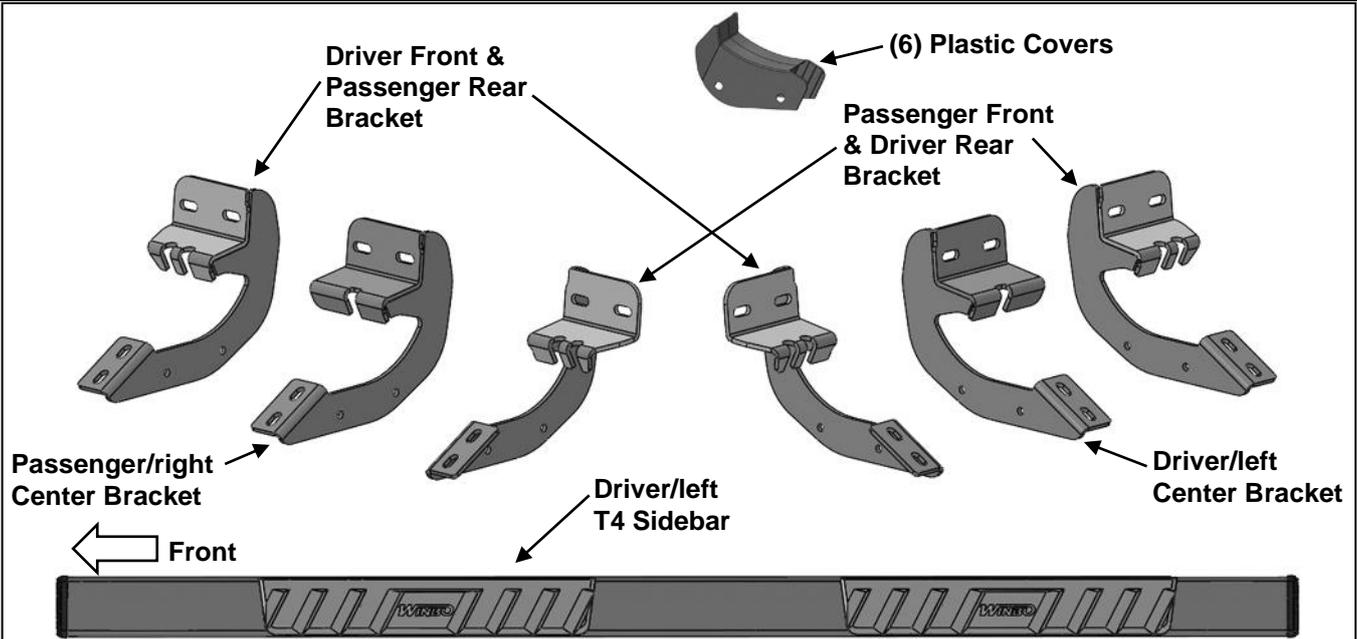
1 866 638 4870



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

PARTS LIST:

Qty	Part Description	Qty	Part Description
1	Driver/Left T4 Sidebar	12	8mm x 24mm OD x 2mm Flat Washers
1	Passenger/Right T4 Sidebar	12	8mm Lock Washers
2	Driver/Left Front/ Passenger/Right Rear Bracket	6	8mm Hex Nuts
2	Driver/Left Rear/ Passenger/Right Front Bracket	6	8mm Plastic Retainers
1	Driver/Left Center Bracket	10	6mm x 25mm Button Head Bolts
1	Passenger/Right Center Bracket	20	6mm x 18mm OD x 1.6mm Flat Washers
6	Plastic Covers	10	6mm Flange Nuts
12	Plastic Clips	2	16mm x 34mm Spacer Plates
6	8mm x 30mm Bolt Plates	4	16mm x 60mm Spacer Plates
12	8mm x 25mm Combo Bolts	1	4mm Hex Wrench
12	8-1.25mm x 30 Hex Bolts		



PROCEDURE:

1. **REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. DRILLING MAY BE REQUIRED.**
2. Starting at the driver front side of the vehicle, remove the sealing tape covering the factory holes in the side of the inner panel, **(Figure 1)**.
3. Determine the correct procedure to attach the driver/left side Front Bracket for your model/year:

Models without factory threaded inserts in body panel, (see Figure 1):

 - a. Select (1) 8mm Bolt-Nut Plate, **(Figure 2)**. Partially thread an 8mm Hex Bolt into the threaded nut on the Bolt-Nut Plate, **(Figure 3)**. Thread the Hex Bolt in until it is flush with the welded nut. Use the Hex Bolt as a handle and insert the Bolt-Nut Plate into the oval hole, **(Figure 4)**. Feed the threaded bolt on the Bolt-Nut Plate through one of the hex shaped factory holes.
 - b. Thread (1) 8mm Plastic Retainer onto the threaded end and down tight against the body panel, **(Figure 5)**. **NOTE:** The Plastic Retainer is designed to keep the Bolt-Nut Plate from falling into the body panel and to aid in Bracket installation.
 - c. Select the driver/left side Front Bracket. Attach the Bracket to the threaded end of the Bolt Plate with (1) 8mm Flat Washer, (1) 8mm Lock Washer and (1) 8mm Hex Nut, **(Figure 6)**.
 - d. Remove the 8mm Hex Bolt from the nut on the Bolt Plate from **Step 3a**. Rotate the Bolt on the Bolt-Nut Plate until the threaded nut lines up with the remaining hole in the Bracket and hex hole in the body panel, **(Figure 7)**. Attach the Bracket to the threaded nut with (1) 8mm x 30mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm Flat Washer, **(Figure 7)**. Do not tighten hardware.

Models with factory threaded inserts, (see Figure 8):

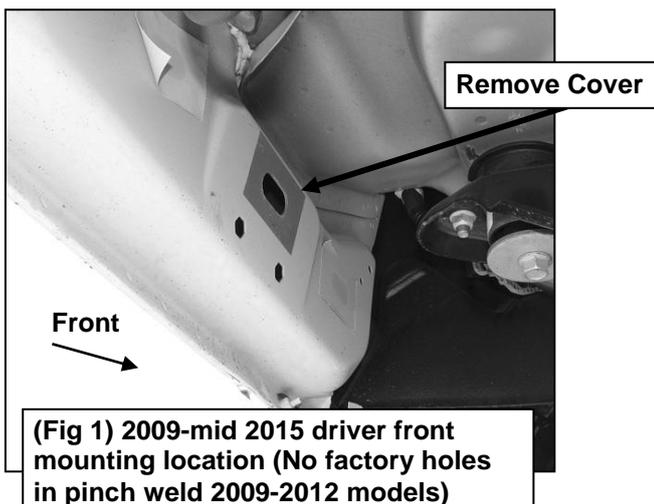
 - a. Attach the driver/left side Front Bracket to the threaded inserts with (2) 8mm x 30mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers, **(Figures 8 & 9)**. Leave hardware loose.
4. Next, attach the Bracket to the back of the pinch weld with (2) 6mm Button Head Bolts, (4) 6mm x 18mm Flat Washers, (1) 16mm x 60mm Spacer Plate and (2) 6mm Flange Nuts, **(Figure 10)**. Do not fully tighten hardware at this time. **IMPORTANT:** 2009-12 models not equipped with factory holes will require drilling through the pinch weld to fully attach Bracket. Do not drill through pinch weld at this time, **(see Step 10)**.
5. Select (1) Plastic Cover. Attach the Cover to the Mounting Bracket with (2) Plastic Clips, **(Figure 11)**.
6. Move along the side of the body panel to the center mounting location, **(Figure 12)**. Repeat the appropriate **Steps 2—5** to install the Passenger/Right Center Bracket. **IMPORTANT:** The Center Mounting Bracket will use the 16mm x 34mm Spacer Plate.
7. Move to the rear location, **(Figure 13)**. Repeat the appropriate **Steps 2—5** to install the Driver/left side Rear Bracket.
8. Once all Brackets have been fully installed, select the Driver/Left T4 Sidebar. Attach the Sidebar to the Brackets with (6) 8mm Combo Bolts, **(Figure 14)**. Do not tighten hardware at this time.
9. Properly level and adjust the Sidebar and fully tighten all hardware.

2009-12 models requiring drilling to attach Brackets to pinch weld:

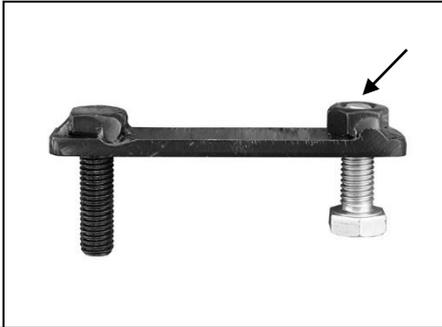
 - a. Level the Sidebar to the vehicle. Make sure all (3) Brackets are tight against the bottom of the body panel and tighten all mounting hardware.
 - b. Mark the location of the slots onto the pinch weld.
 - c. Temporarily remove the Sidebar and the (3) Mounting Brackets. Drill (2) 1/4" holes through the pinch weld for each Bracket. **IMPORTANT:** Do not drill too close to the bottom edge of the pinch weld. Drill the holes in the center of the marked slots.
 - d. Repeat **Step 4** to attach the Brackets to the drilled holes in the pinch weld. Check for level then fully tighten all hardware.
10. Repeat **Steps 2—9** to attach the Passenger/Right T4 Sidebar.
11. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

To protect your investment Do not use any type of polish or wax that may contain abrasives that could damage the finish. Mild soap may be used to clean the Sidebar.

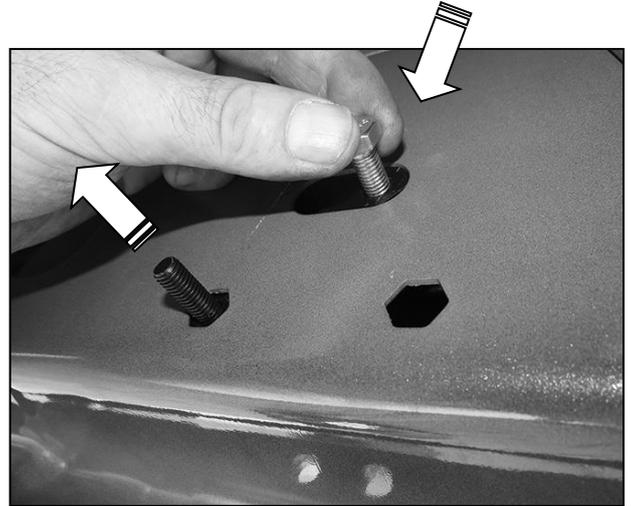
Driver/left Side Installation Pictured



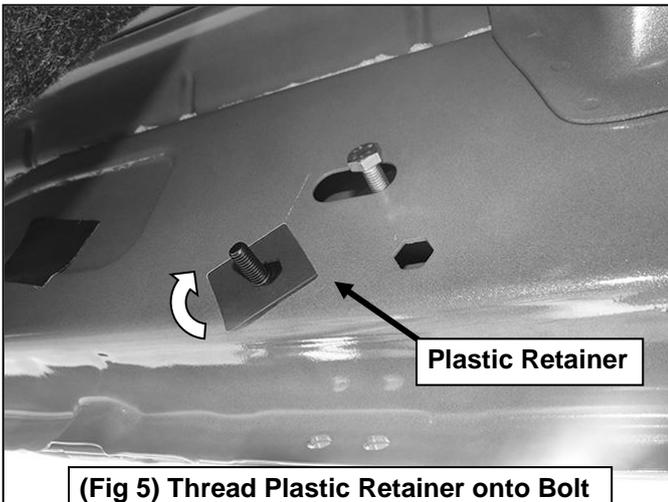
Driver/left Side Installation Pictured



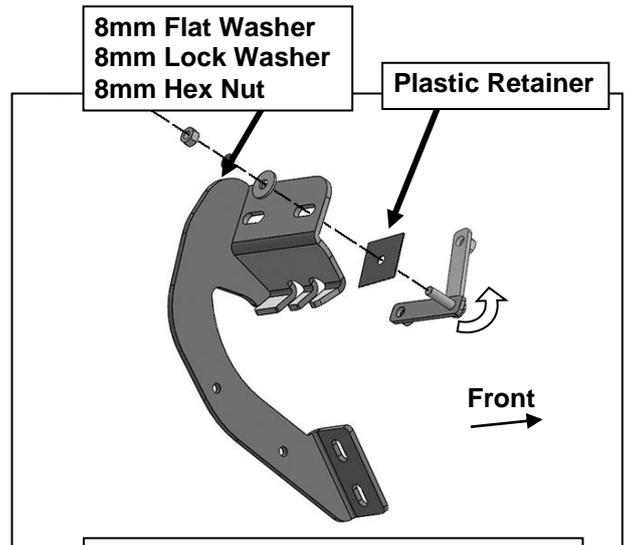
(Fig 3) Thread (1) 8mm Hex Bolt into the nut on the plate. Stop when bolt reaches end of nut as pictured



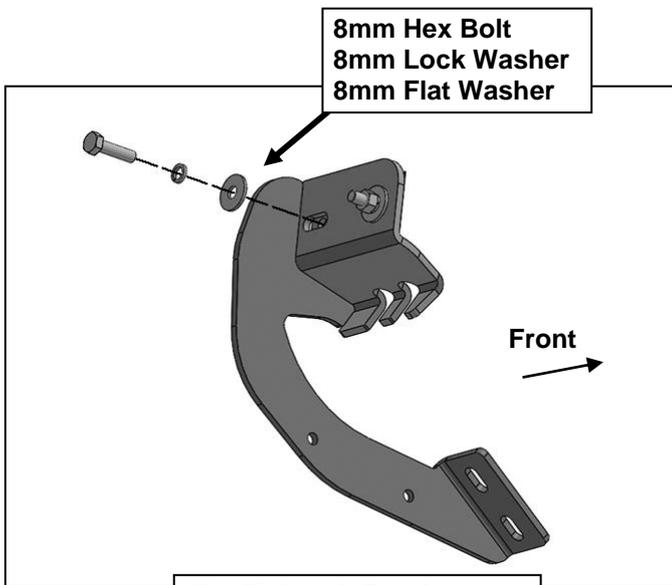
(Fig 4) Use the loose Hex Bolt as a handle. Insert the Bolt Plate into the oval hole and feed the threaded end out either factory hex shaped hole. **IMPORTANT:** Do not let go of the hex bolt until after Plastic Retainer has been threaded onto bolt (Fig 5)



(Fig 5) Thread Plastic Retainer onto Bolt Plate to hold Bolt Plate in position.

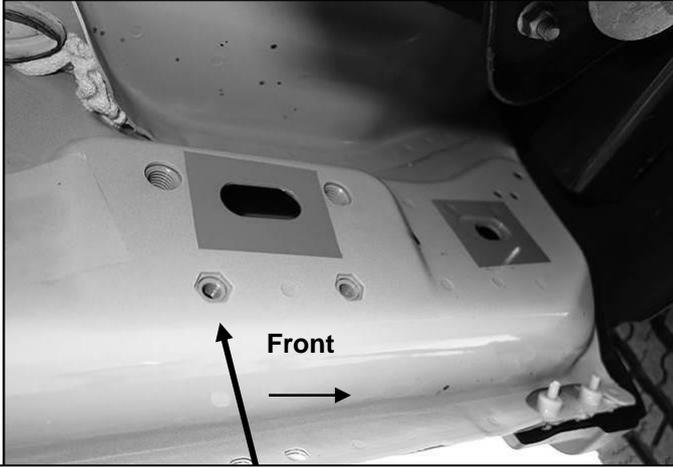


(Fig 6) Remove 8mm Hex Bolt. Rotate Bolt Plate to line up with remaining factory hex shaped hole



(Fig 7) Attach Bracket to threaded end of Bolt Plate

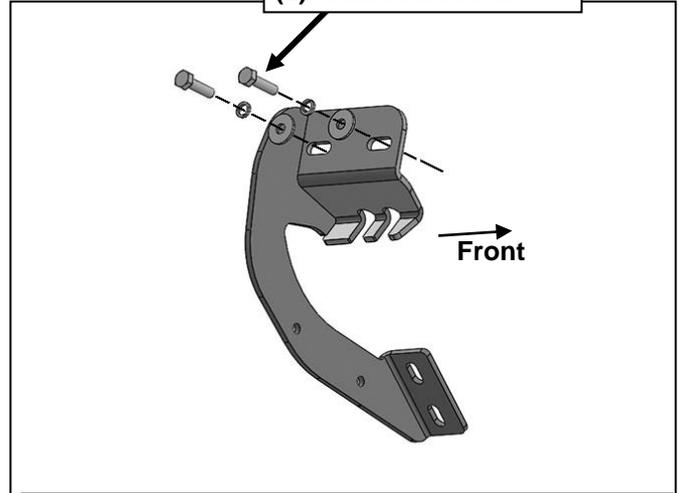
Driver/left Side Installation Pictured



(Fig 8) Driver/left side front mid 2015-on (example of models with factory installed threaded inserts)

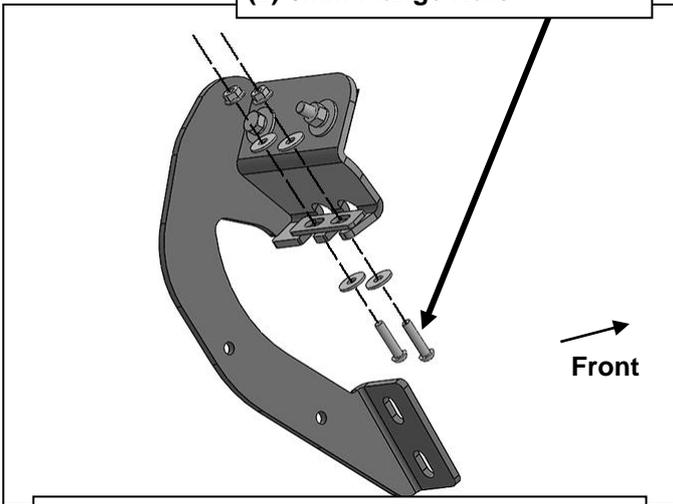
IMPORTANT: 2009-2012 models without holes in pinch weld will require drilling 1/4" holes through pinch weld to attach the bracket. Do complete installation of Sidebars first, level Sidebar before drilling holes for bracket.

- (2) 8mm Hex Bolts
- (2) 8mm Lock Washers
- (2) 8mm Flat Washers

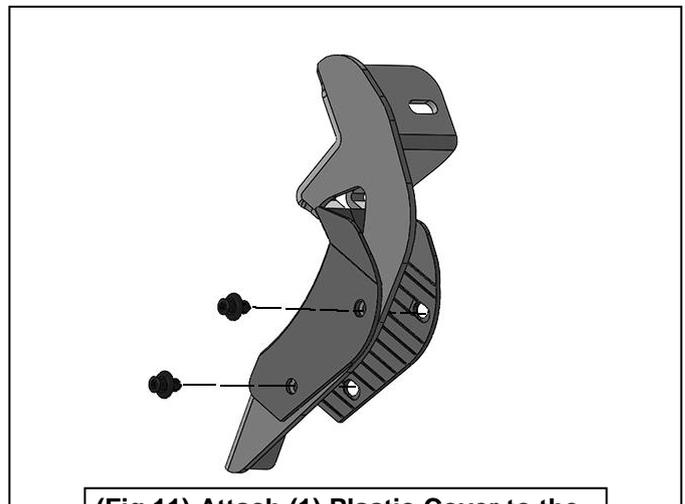


(Fig 9) Driver/left side front models with factory installed threaded inserts. Bolt Plate not required

- (2) 6mm Button Head Bolts
- (4) 6mm x 18mm Flat Washers
- 16mm x 60mm Spacer Plate
- (2) 6mm Flange Nuts

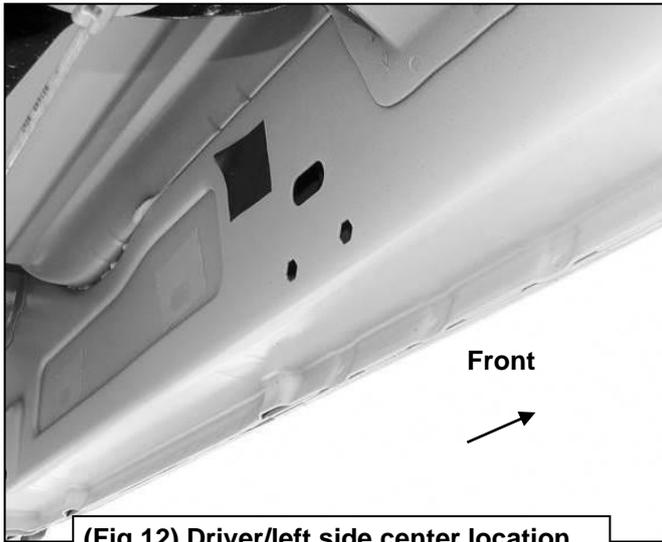


(Fig 10) Attach Bracket to back of pinch weld (models with factory holes in pinch weld only)



(Fig 11) Attach (1) Plastic Cover to the Mounting Bracket with (2) Plastic Clips

Driver/left Side Installation Pictured

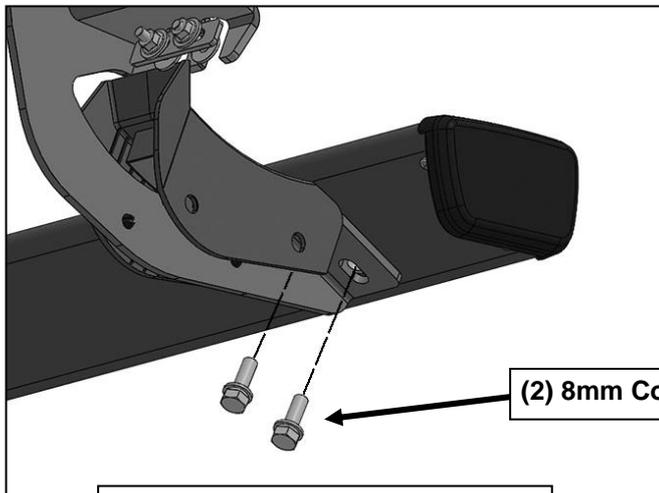


(Fig 12) Driver/left side center location

IMPORTANT: 2009-2012 models without holes in pinch weld will require drilling 1/4" holes through pinch weld to attach the bracket. Do complete installation of Sidebars first, level Sidebar before drilling holes for bracket.



(Fig 13) Driver/left rear mounting location

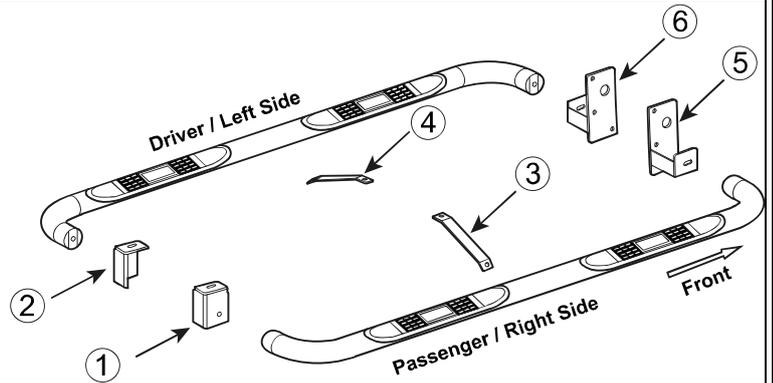


(Fig 14) Attach the Driver/Left T4 Sidebar to the Mounting Brackets

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.

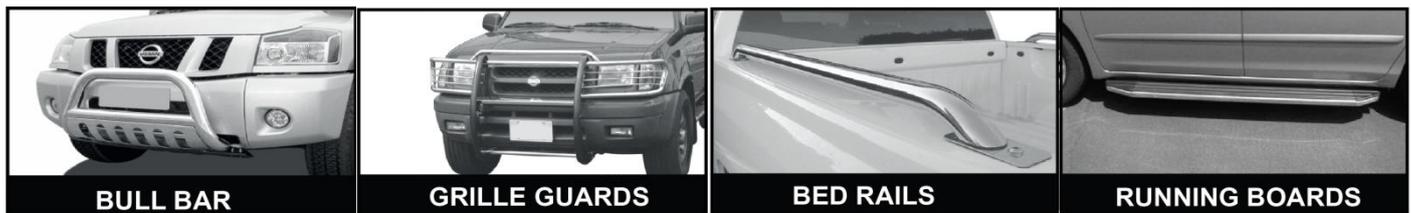
PRODUCT CARE

- 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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