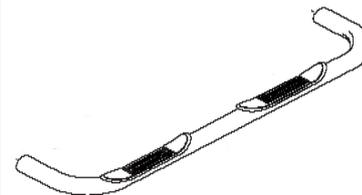




3" Side Bar

Part No. A0049S/B



Fits: 2009-2018 RAM 1500 CREW CAB (Incl. 19-20 Ram 1500 Classic)
2010-Current RAM 2500/3500/4500/5500 CREW CAB (Incl. 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 45 TO 65 FOOT POUND.



60-180 min



Cutting Not Required



Drilling Not Required



support@trailfx.com



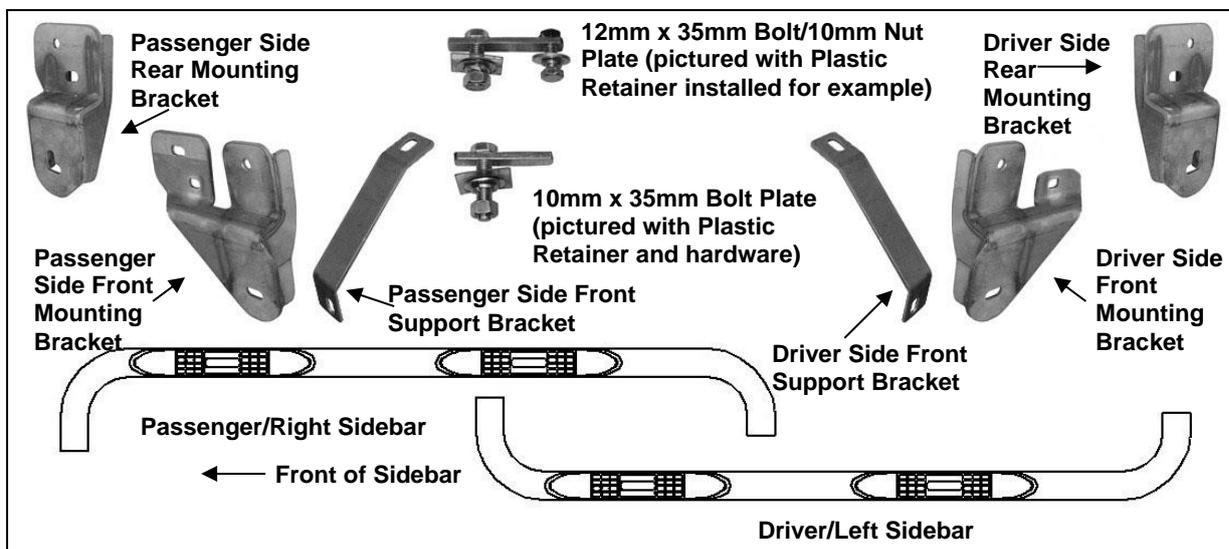
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POLISHED STAINLESS STEEL - LIMITED LIFETIME
 POWDER COATED BLACK - 3 YEARS

PARTS LIST:

Qty	Part Description	Qty	Part Description
1	Driver/Left Sidebar	4	1/2" X 1-1/2" OD x 1/8" flat washers
1	Passenger/Right Sidebar	4	12mm x 35mm Bolt/10mm Nut Plates
1	Driver/Left Front Mounting Bracket	2	12mm x 32mm OD x 3mm Flat Washers
1	Passenger/Right Front Mounting Bracket	2	12mm Lock Washers
1	Driver/Left Front Support Bracket	2	12mm Hex Nuts
1	Passenger/Right Front Support Bracket	4	12mm Plastic Retainers
1	Driver/Left Rear Mounting Bracket	4	10-1.50mm x 35mm Hex Bolts
1	Passenger/Right Rear Mounting Bracket	6	10mm x 30mm OD x 2.5mm flat washers
4	1/2" x 2" Hex Bolts	6	10mm Lock Washers
4	1/2" Lock Washers	2	10mm hex nut
4	8mm-1.25 x 30mm Hex Bolts	2	10mm bolt plate
4	8mm x 28mm OD x 3mm flat washers	1	10mm Fish Wire
4	8mm Lock Washers	2	10mm Plastic Retainer



PROCEDURE:

1. **REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.**
2. Starting at the passenger side-front of the vehicle, remove the tape covering the factory oval holes in the inner body panel located by the front tire.
3. **For vehicles with wiring harness attached to front mounting location:**
 - a. Using a pry tool, pull out the pin attaching the wiring to the body panel, **(Figure 1)**.
 - b. Move wiring aside to allow for the installation of the Mounting Bracket.
4. Select (1) 10mm Bolt Plate and partially thread a Plastic Retainer onto it, **(Fig 2A)**. Insert the Bolt Plate into the oval hole, **(Fig 2B)**. Once the Bolt Plate is inserted, hold the Bolt end with one hand and tighten the Plastic Retainer with your other hand until it is tight against the body panel. **IMPORTANT:** The Plastic Retainer is designed to prevent the Bolt Plate from falling into the body cavity and to aid in installing the Mounting Bracket. **For Mid-year 2015 models it will be necessary to use the 10mm fish wire to install this bolt plate.** Insert fish wire into small slot and fish it until threaded end is present at large slot **(Figure 3A)**. Pull this end out slightly and thread 10mm bolt plate onto end of fish wire **(Figure 3B)**. Carefully feed bolt plate into rocker panel by pulling on opposite end of fish wire. Align 10mm bolt in slot and remove fish wire. Thread the 10mm plastic retainer down the bolt plate until it is flush against the sheet metal. **(Figure 3C)**
5. Next, partially thread a Plastic Retainer onto the threaded end of a 12mm Bolt /10mm Nut Plate, **(Fig 2C)**. Insert the Bolt and Nut Plate with Plastic Retainer into the factory oval hole, **(Figure 2B)**.
6. Select the passenger side front Mounting Bracket. Position the Mounting Bracket onto the (2) Bolt Plates. Secure the Bracket to the Bolt Plates with (1) 12mm Flat Washer, (1) 12mm Lock Washer, (1) 12mm Hex Nut and (1) 10mm flat washer, (1) 10mm lock washer & (1) 10mm Hex Nut **(Figure 4)**. Do not tighten at this time. Rotate the Bolt and Nut plate until the threaded Nut end lines up with the remaining hole in the Mounting Bracket and body. Thread (1) 10mm x 35mm Hex Bolt, (1) 10mm Flat Washer and (1) 10mm Lock Washer into the threaded nut plate. **Mid-year 2015 Rams come equipped with pre-installed 8mm threaded inserts. Substitute (1) 8mm x 30mm Hex Bolt, (1) 8mm Flat Washer and (1) 8mm Lock Washer for the 10mm hardware.** Snug but do not tighten hardware at this time.
7. Remove the passenger side front factory body bolt. Select the passenger side Front Support Bracket. Insert the factory body bolt through the Support Bracket and up into its original position, **(Figure 4)**. Line the other end of the Support Bracket up with the oval hole in the Front Mounting Bracket. Snug but do not tighten hardware at this time.
8. Move to the passenger side rear of the vehicle and remove the tape covering the factory oval hole in the inner body panel as described in **Step 2**. Thread a Plastic Retainer onto the threaded end of a Bolt and Nut Plate, **(Figures 2C & 5)**. Insert the Bolt and Nut Plate into the factory hole, (see **Steps 4 & 5**).
9. Select the passenger side rear Mounting Bracket. Position the Mounting Bracket onto the installed Bolt and Nut Plate. Secure it with (1) 12mm Flat Washer, (1) 12mm Lock Washer and (1) 12mm Hex Nut, **(Figure 6)**. Do not tighten at this time. Rotate the Bolt and Nut plate until the threaded Nut end lines up with the remaining hole in the Mounting Bracket and body. Thread (1) 10mm x 35mm Hex Bolt, (1) 10mm Flat Washer and (1) 10mm Lock Washer into the threaded nut on the Bolt and Nut Plate. **Mid-year 2015 Rams may come equipped with pre-installed 8mm threaded inserts at rear location. Substitute (1) 8mm x 30mm Hex Bolt, (1) 8mm Flat Washer and (1) 8mm Lock Washer for the 10mm hardware (Figure 6)** Snug, but do not tighten hardware at this time.
10. Select the passenger Sidebar and fasten it to the front Mounting Bracket and Support Bracket with the included (1) 1/2" x 2" Hex Bolt, (1) 1/2" Lock Washer and (1) 1/2" Flat Washer, **(Figure 7)**. Do not tighten hardware at this time. Attach the Sidebar to the Rear Mounting Bracket with (1) 1/2" x 2" Hex Bolt, (1) 1/2" Lock Washer and (1) 1/2" Flat Washer, **(Figure 6)**.
11. Level and align Sidebar properly and tighten all hardware including the factory body bolt.
12. Repeat Steps 2-10 for driver Sidebar installation. **NOTE:** Installation of front driver side bracket is the same as passenger side except that this bracket has no upper mount hole. The 12mm Flat Washer, Lock Washer and Hex Nut will not be used. **(Figure 8)** If 8mm threaded inserts are present, the 12mm bolt/10mm nut plate will not be used.
13. Do periodic inspections to the installation to make sure all hardware is secure and tight.

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.

PASSENGER SIDE INSTALLATION PICTURED



(Fig 1) For models with wiring harness in front mounting location, use a pry tool to remove the pin and loosen the wiring. Push out of the way for Mounting Bracket installation



Fig 2A

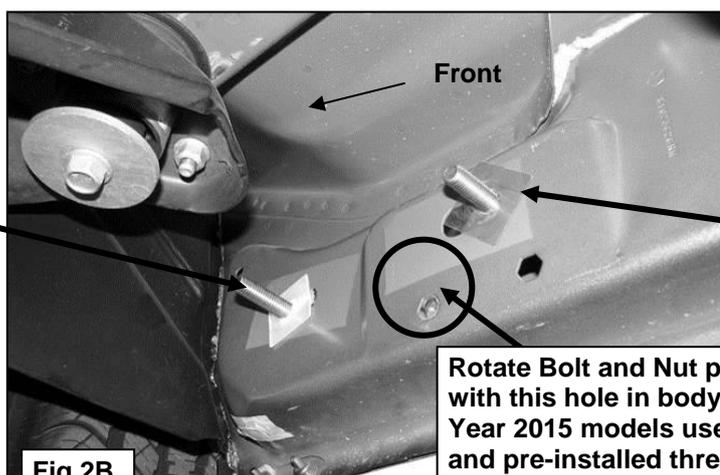


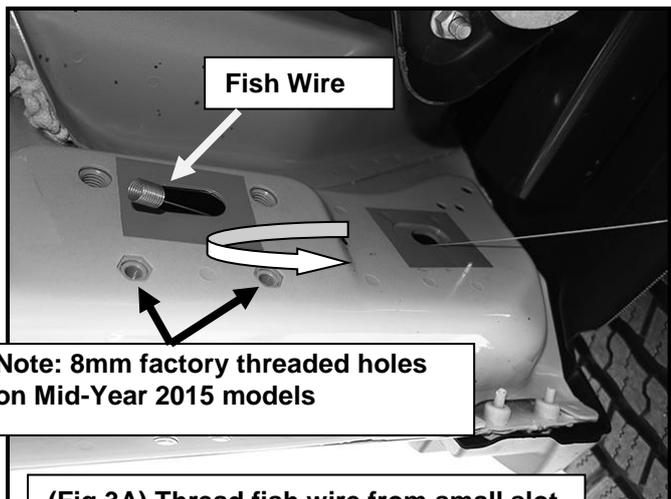
Fig 2B



Fig 2C

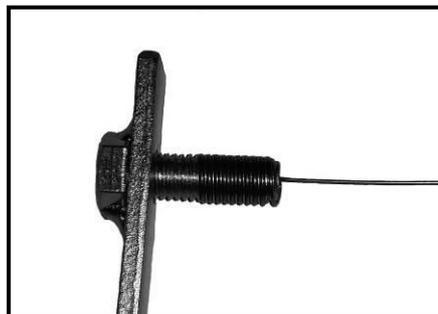
Rotate Bolt and Nut plate to line up Nut with this hole in body panel. On Mid-Year 2015 models use 8mm hardware and pre-installed threaded inserts. Passenger side shown

PASSENGER SIDE INSTALLATION PICTURED



Note: 8mm factory threaded holes on Mid-Year 2015 models

(Fig 3A) Thread fish wire from small slot into large slot. driver side shown

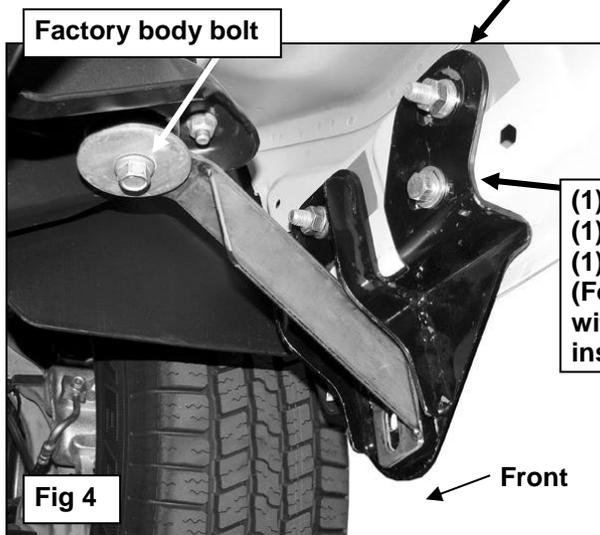


(Fig 3B) Thread 10mm bolt plate onto fish wire. Be careful not to pull other end of fish wire from rocker panel slot



(Fig 3C) Align 10mm bolt in slot. Driver side shown

- (1) Bolt and Nut Plate
- (2) 12mm Hex Nut
- (2) 12mm Lock Washer
- (2) 12mm Flat Washer



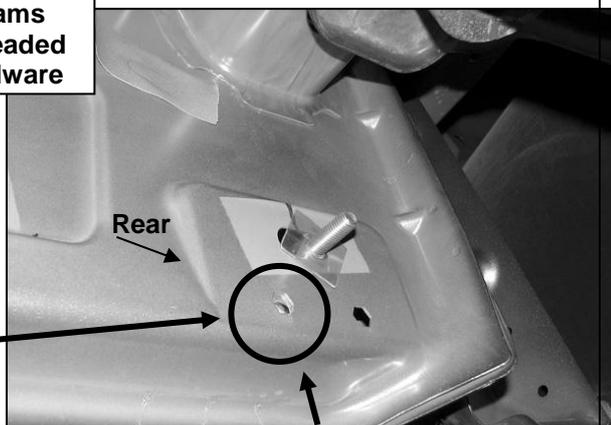
Factory body bolt

Fig 4

- (1) 10mm x 35mm Hex Bolt
- (1) 10mm Lock Washer
- (1) 10mm Flat Washer
- (For Mid-Year 2015 Rams with pre-installed threaded inserts use 8mm hardware)



Fig 2C

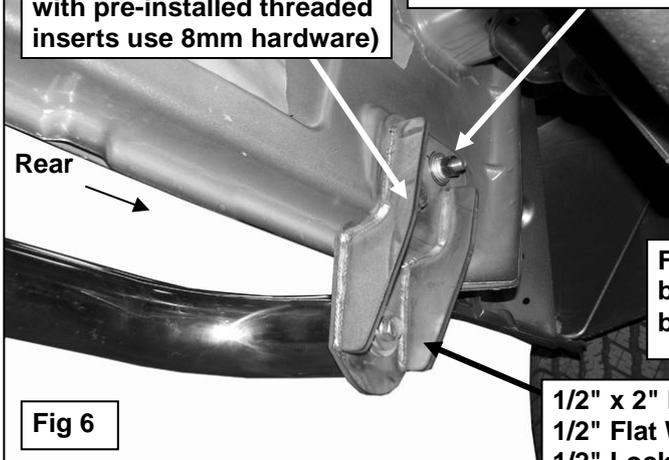


(Fig 5) Rotate Bolt and Nut plate to line up the Nut with this hole in body panel. Mid-Year 2015 model come with pre-installed 8mm threaded inserts

PASSENGER SIDE INSTALLATION PICTURED

- (1) 10mm x 35mm Hex Bolt
- (1) 10mm Lock Washer
- (1) 10mm Flat Washer
- (For Mid-Year 2015 Rams with pre-installed threaded inserts use 8mm hardware)

- (1) Bolt and Nut Plate
- (2) 12mm Hex Nut
- (2) 12mm Lock Washer
- (2) 12mm Flat Washer



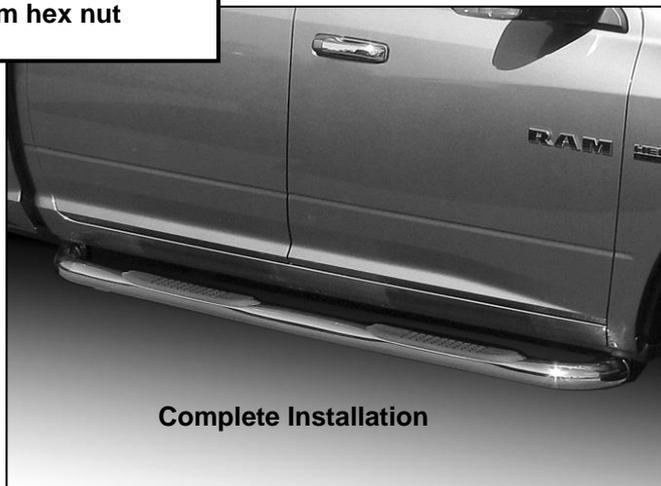
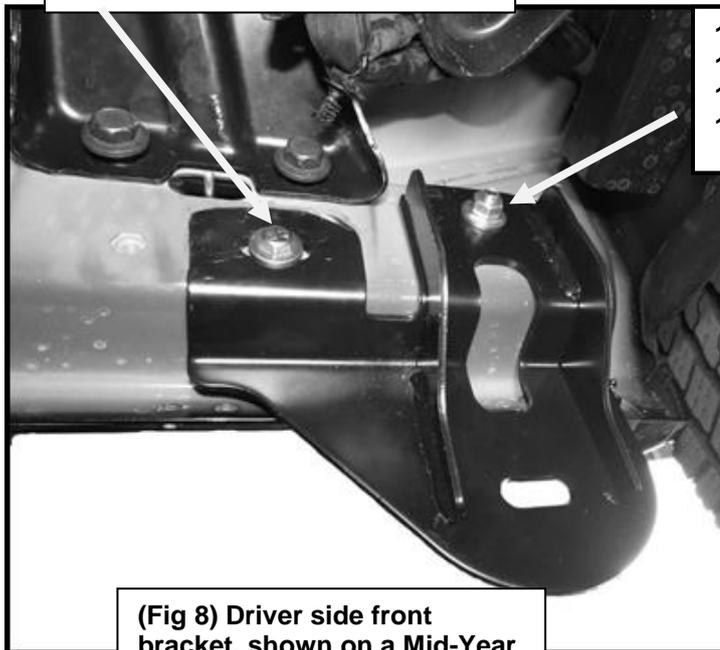
Factory body bolt

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



- (1) 10mm x 35mm Hex Bolt
- (1) 10mm Lock Washer
- (1) 10mm Flat Washer
- (For Mid-Year 2015 Rams with pre-installed threaded inserts use 8mm hardware)

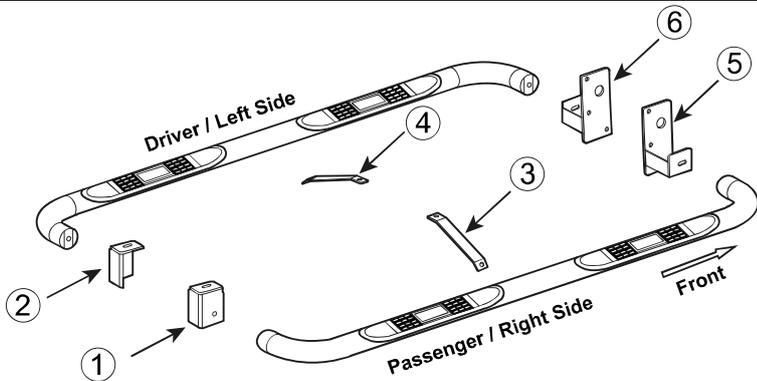
- 10mm bolt plate,
- 10mm flat washer,
- 10mm lock washer,
- 10mm hex nut



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



BED RAILS



RUNNING BOARDS

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