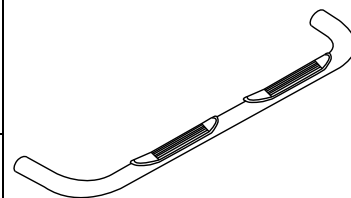




3" Side Bar

Part No. 470060



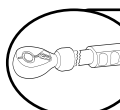
Fits: **2006-2012 Toyota Rav4**



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



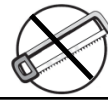
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



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



30-60 min



Cutting Not
Required



Drilling Not
Required



support@trailfx.com



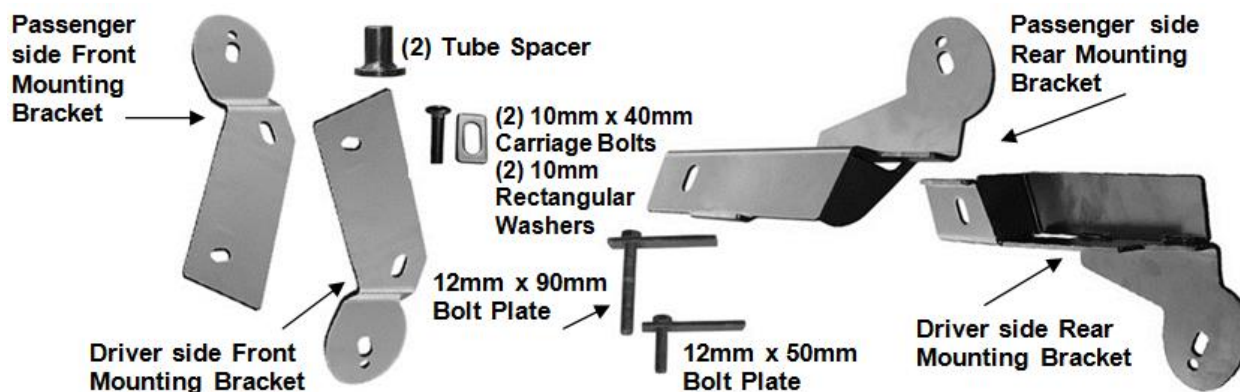
1 866 638 4870



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

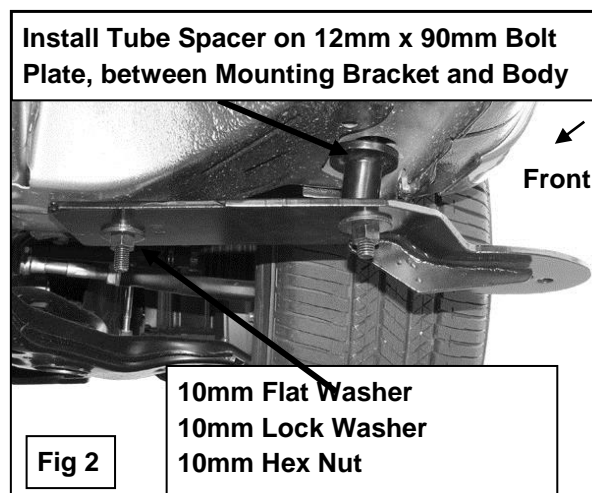
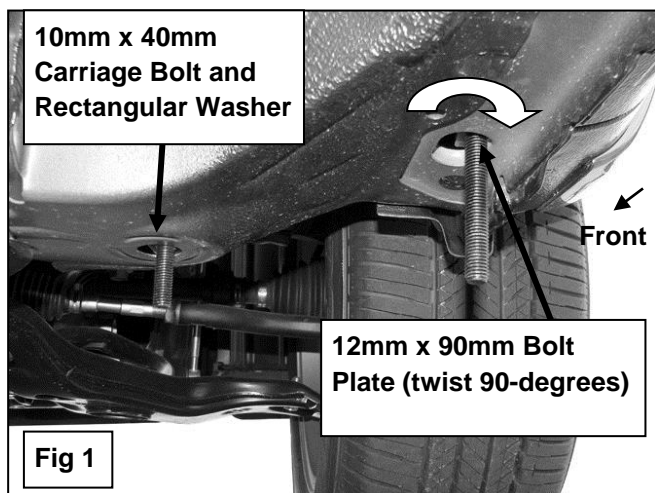
PARTS LIST

Qty	Part Description	Qty	Part Description
1	Driver Front Bracket	2	12-1.75mm x 90mm Bolt Plates
1	Passenger Front Bracket	2	12-1.75mm x 50mm Bolt Plates
1	Driver Rear Bracket	4	12mm Hex Nuts
1	Passenger Rear Bracket	4	12mm Lock Washers
2	Tube Spacers	4	12mm ID x 32mm OD x 3mm Flat Washers
4	1/2" x 2" Hex Head Bolts	2	10-1.50mm x 40mm Carriage Bolts
4	1/2" Lock Washers	2	10-1.50mm Hex Nuts
4	1/2" ID x 1-1/2" OD x 1/8" Flat Washers	2	10mm Lock Washers
2	10mm Rectangular Washers	2	10mm ID x 27mm OD x 3mm Flat Washers

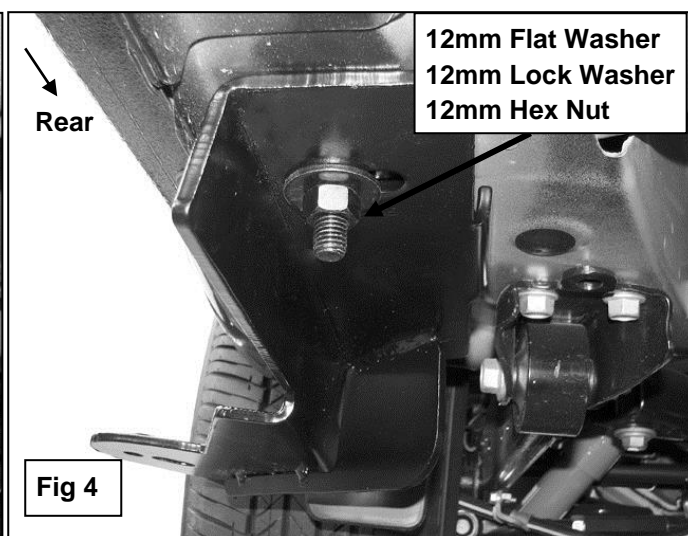
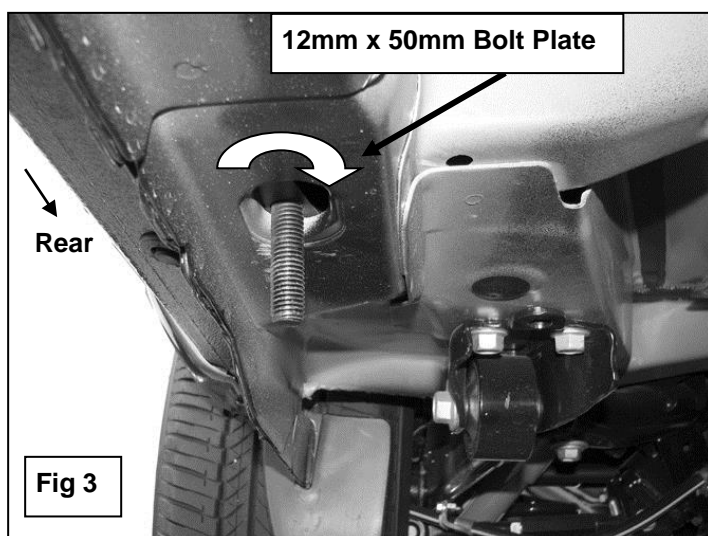


INSTALLATION PROCEDURE

1. Start installation on the passenger side-front of the vehicle. Uncover the two front mounting locations by removing the rubber plugs. Insert (1) 10mm Carriage Bolt with Rectangular Washer into the hole in the frame channel towards middle of vehicle and lock into position. Insert (1) 12mm x 90mm Bolt Plate into the factory oval hole in the frame channel. Turn the Bolt Plate 90-degrees to lock into position, **(Figure 1)**. Slide the Tube Spacer onto the long 12mm Bolt Plate and attach the front Mounting Bracket to the Bolt Plate using (1) 12mm Lock Washer, (1) 12mm Flat Washer and (1) 12mm Hex Nut, **(Figure 2)**. Secure the Mounting Bracket to the 10mm Carriage Bolt with (1) 10mm Lock Washer, (1) 10mm Flat Washer, and (1) 10mm Hex Nut. Snug hardware but do not tighten at this time.

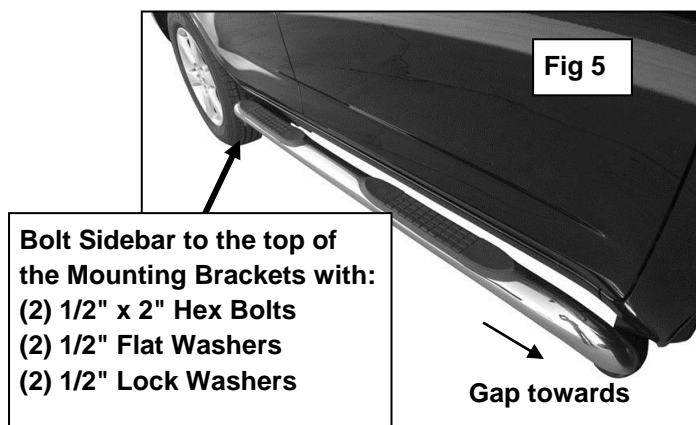


2. Move to the rear of the vehicle and remove the oval rubber plug covering the mounting location in the frame channel. Insert (1) 12mm x 50mm Bolt Plate up into the oval hole and rotate the Bolt Plate 90-degree to lock into position, (**Figure 3**).
3. Hold the passenger side rear Mounting Bracket up against the bottom of the floor and secure it to the Bolt Plate using (1) 12mm Flat Washer, (1) 12mm Lock Washer and (1) 12mm Hex Nut, (**Figure 4**).



NOTE: Driver side rear mounting bracket is slightly different than passenger side to allow for line clearance.

4. Carefully place the passenger Sidebar onto the Mounting Brackets and align the large oval holes in the Mounting Brackets with the threaded holes in center of the Sidebar. Secure the Sidebar using (2) 1/2" x 2" Hex Head Bolts, (2) 1/2" Lock Washers, and (2) 1/2" Flat Washers. To determine the correct direction to install the Sidebar, note that the gap between the end of the Sidebar and the Step Pad goes toward the front of the Sidebar, (**Figure 5**).



Note Step Pad location to determine front of Sidebar

5. Adjust Sidebar and tighten all hardware.
6. Repeat Steps 2-6 for the driver side installation.

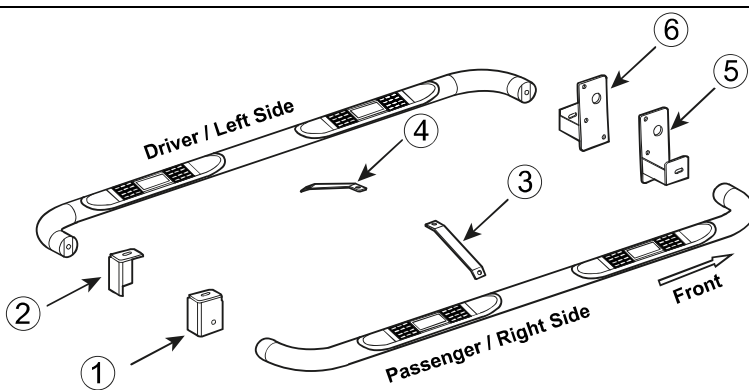
PARTS IDENTIFICATION GUIDE

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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