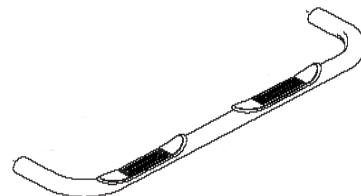




3" Side Bar

Part No. A0047S/B

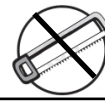


Fits: 2010 - Current

Toyota Tundra Double Cab



60-180 min

Cutting Not
RequiredDrilling Not
Required

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



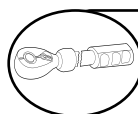
support@trailfx.com



READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.

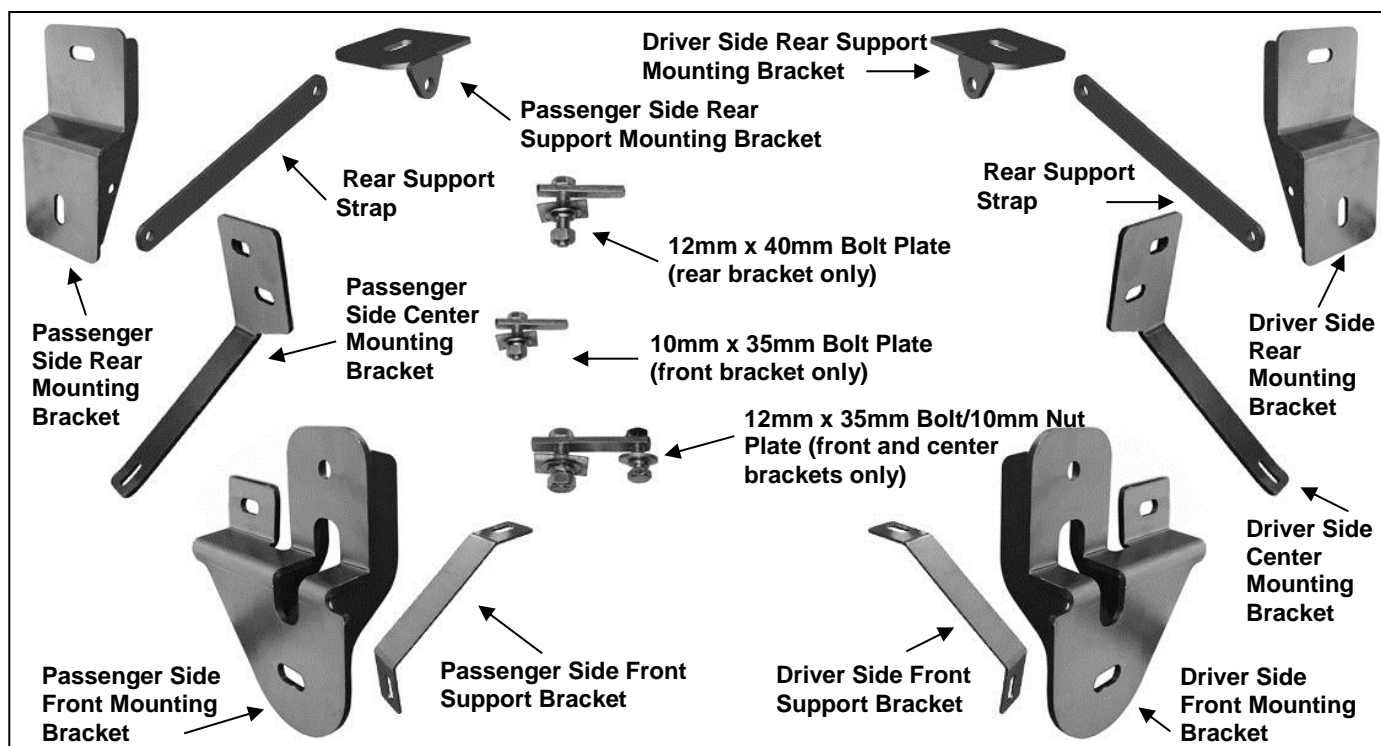


1 866 638 4870

DO NOT OVER TORQUE. STANDARD OPERATING LOAD FOR TIGHTEN
BODY MOUNT NUTS & BOLTS VARIES FROM **45** TO **65** FOOT POUND.POLISHED STAINLESS STEEL – LIMITED LIFETIME
POWDER COATED BLACK – 3 YEARS

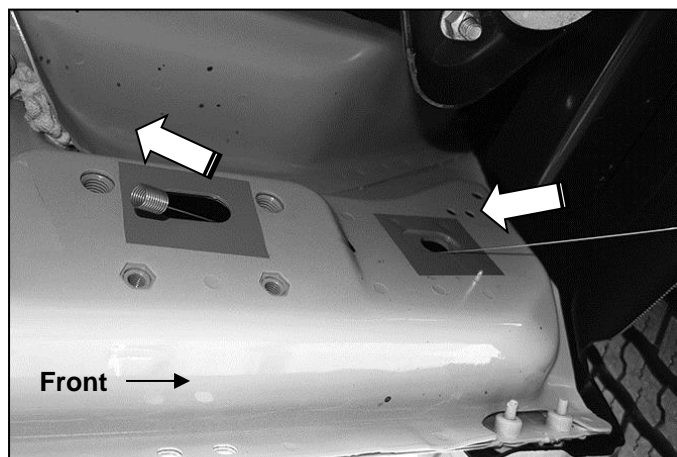
PARTS LIST:

Qty	Part Description	Qty	Part Description
1	Driver/Left Sidebar	4	12mm x 32mm OD x 3mm Flat Washers
1	Passenger/Right Sidebar	4	12mm Lock Washers
1	Driver/Left Front Mounting Bracket	4	12mm Hex Nuts
1	Passenger/Right Front Mounting Bracket	6	12mm Plastic Retainers
1	Driver/Left Front Support Bracket	2	10-1.5mm x 35mm Bolt Plates
1	Passenger/Right Front Support Bracket	1	10mm Fish Wire
1	Driver/Left Center Mounting Bracket	2	10mm Plastic Retainers
1	Passenger/Right Center Mounting Bracket	8	10-1.50mm x 35mm Hex Bolts
2	Rear Mounting Brackets	6	10mm x 30mm OD x 2.5mm Flat Washers
1	Driver/Left Rear Support Mounting Bracket	8	10mm x 20mm OD x 2.5mm Flat Washers
1	Passenger/Right Support Mounting Bracket	10	10mm Lock Washers
2	Rear Support Strap	6	10mm Hex Nuts
4	1/2" x 2" Hex Bolts	4	8-1.25mm x 30mm Hex Bolts
4	1/2" Lock Washers	2	8-1.25mm x 25mm Hex Bolts
4	1/2" X 1-1/2" OD x 1/8" Flat Washers	4	8mm x 28mm x 3mm Large Flat Washers
4	12-1.75mm x 35mm Bolt/10-1.5mm Nut Plates	2	8mm x 24mm OD x 2mm Flat Washers
2	12-1.75mm x 40mm Bolt Plates	6	8mm Lock Washers



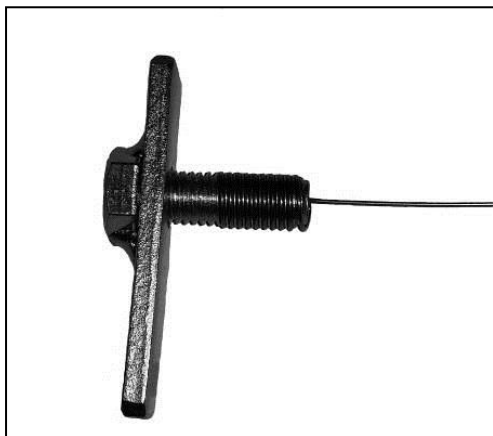
INSTALLATION PROCEDURE

1. 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.

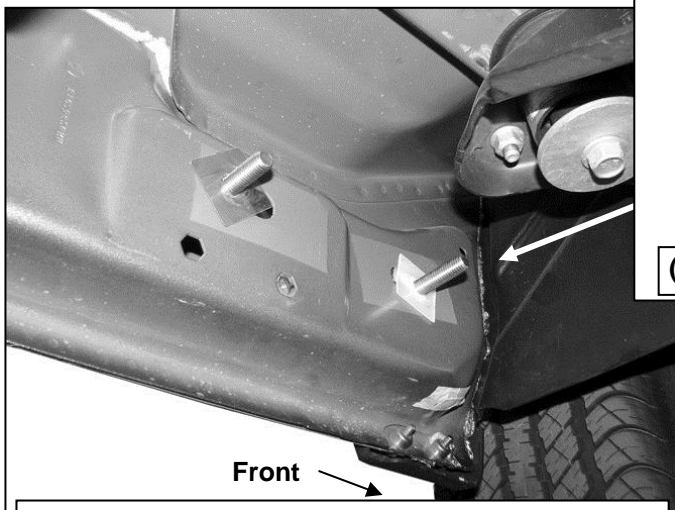
2. Thread the coiled end of the Fish Wire onto the threaded end of the Bolt Plate, **(Figure 2)**. Carefully pull the straight, forward end of the Fish Wire until the threaded end of the Bolt Plate is pulled into the forward hole, **(Figure 3)**. Hold the Bolt Plate in place and unscrew the Fish Wire. Thread the Plastic Retainer onto the Bolt Plate to hold it in place, **(Figure 4B)**. **IMPORTANT:** The Retainer is designed to keep the Bolt Plate from falling into the body panel and to aid in Bracket installation.



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



(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. 7A),



(Fig 4B) Model without threaded inserts pictured



(Fig 4A) 10mm Bolt Plate

3. Determine correct procedure for your model/year.

Models without factory threaded inserts in body panel:

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

Mid 2015-on models with factory threaded inserts:

- a. **NOTE:** The 12mm Bolt/Nut Plate is not required for this installation. Skip to **Step 5**.

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 up to mid-2015 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 5B)**. Attach the Bracket to the threaded Nut Plate with (1) 10mm x 35mm Hex Bolt, (1) 10mm Lock Washer and (1) 10mm Flat Washer, **(Figure 6)**.

Driver side mid 2015-on 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.

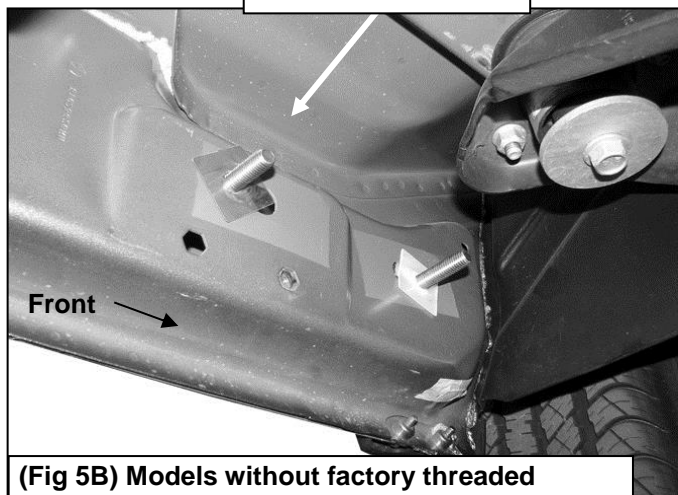
Passenger side all model years:

- a. Repeat the previous applicable driver side instructions to attach the bottom/rear mounting hole on the passenger side front Bracket to the Bolt/Nut plate or threaded insert if equipped, **(Figures 6 & 7)**. Do not tighten hardware at this time.

(Fig 5A) Bolt and Nut Plate

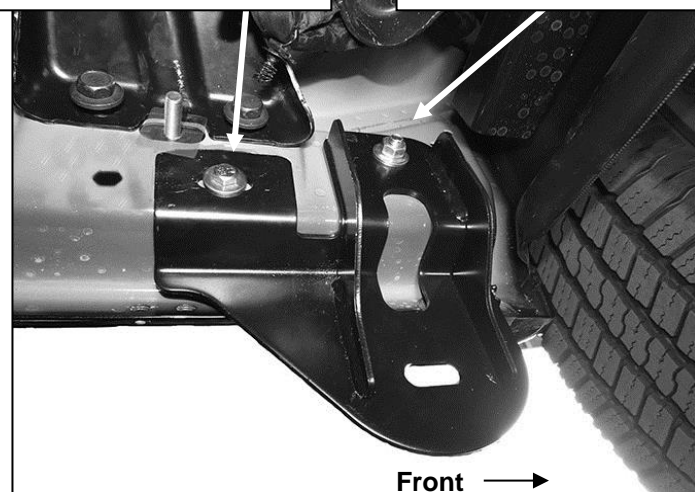
10mm x 35mm Hex Bolt
10mm Lock Washer
10mm Flat Washer

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

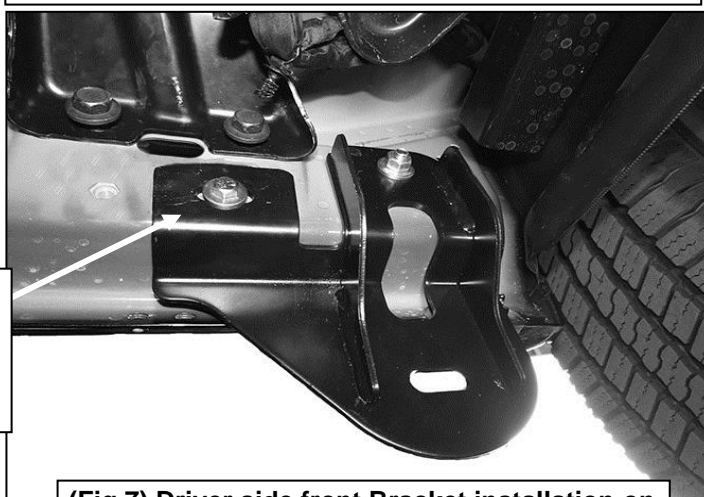


(Fig 5B) Models without factory threaded inserts, rotate Bolt and Nut plate to line up Nut with hole in body panel and Bracket

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

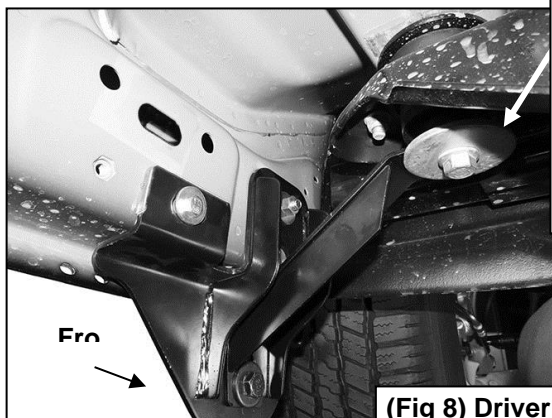


(Fig 6) Models without factory threaded inserts only



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

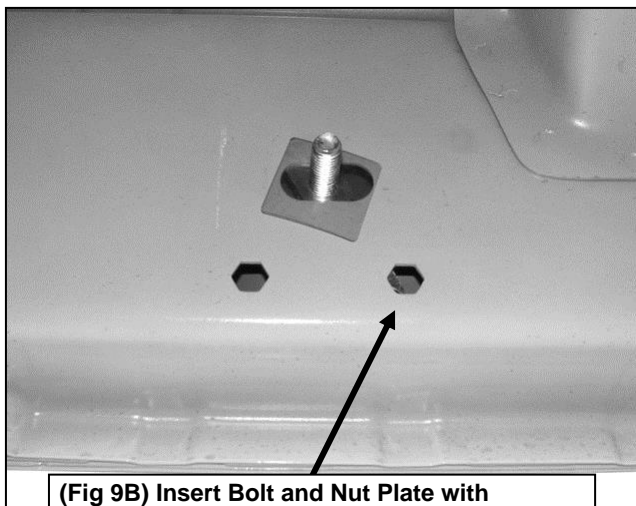
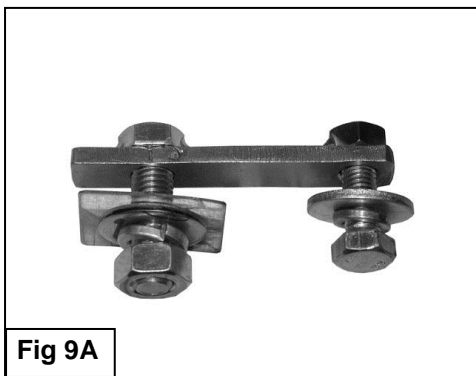
5. Remove the driver side front factory body bolt and washer. Select the driver side Front Support Bracket. Insert the factory body bolt and washer through the slot in the Support Bracket and up into its original position, **(Figure 8)**. Line up the other end of the Support Bracket with the oval hole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

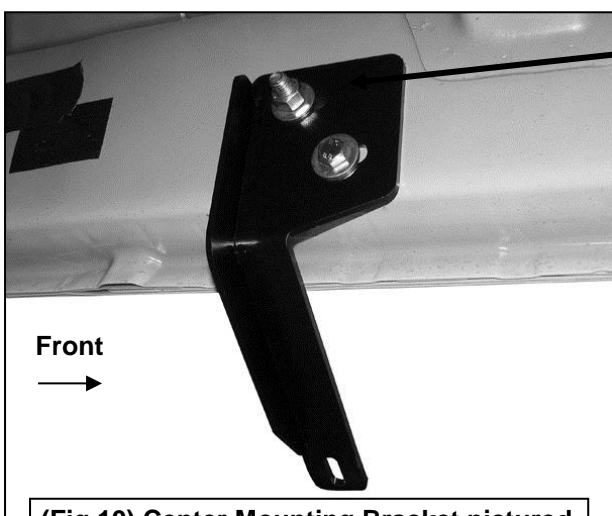
(Fig 8) Driver side front Bracket installation

6. Move to the mid-point on the driver side of the vehicle and remove the tape covering the factory oval hole in the inner body panel, **(Figure 9B)**. Select and install a 12mm Bolt and Nut Plate with 12mm Plastic Retainer as described in **Step 3, (Figure 9A & 9B)**.



(Fig 9B) Insert Bolt and Nut Plate with Retainer into center location. Rotate Bolt and Nut plate to line up Nut with this hole in body panel and slot in Bracket.

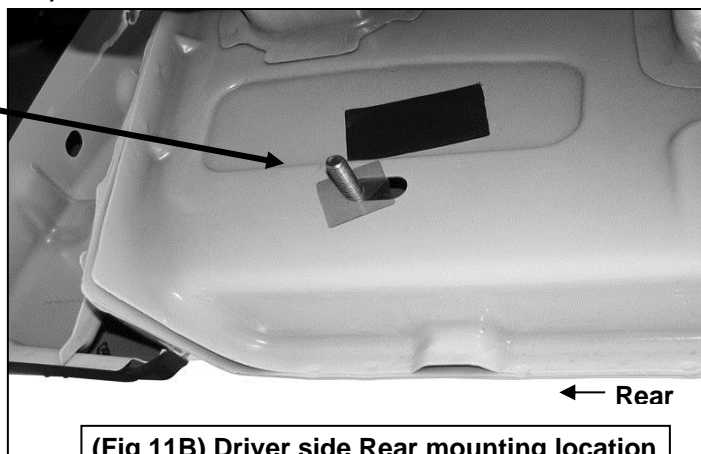
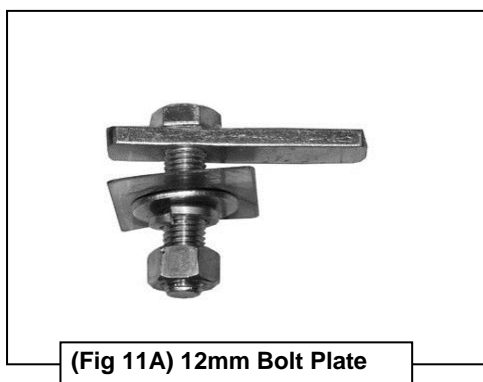
7. Select the driver side Center Mounting Bracket. Attach the Mounting Bracket to the Bolt and Nut Plate with (1) 12mm Flat Washer, (1) 12mm Lock Washer and (1) 12mm Hex Nut, **(Figure 10)**. Rotate the Bolt and Nut plate until the Nut end lines up with the remaining hole in the Mounting Bracket and body. Thread (1) 10mm x 35mm Hex Bolt, (1) 10mm Flat Washer and (1) 10mm Lock Washer into the threaded nut. **On models with factory installed threaded insert**, use the Bolt and Nut Plate to attach the top of the Bracket but attach the bottom of 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 10)**. Do not tighten hardware at this time.



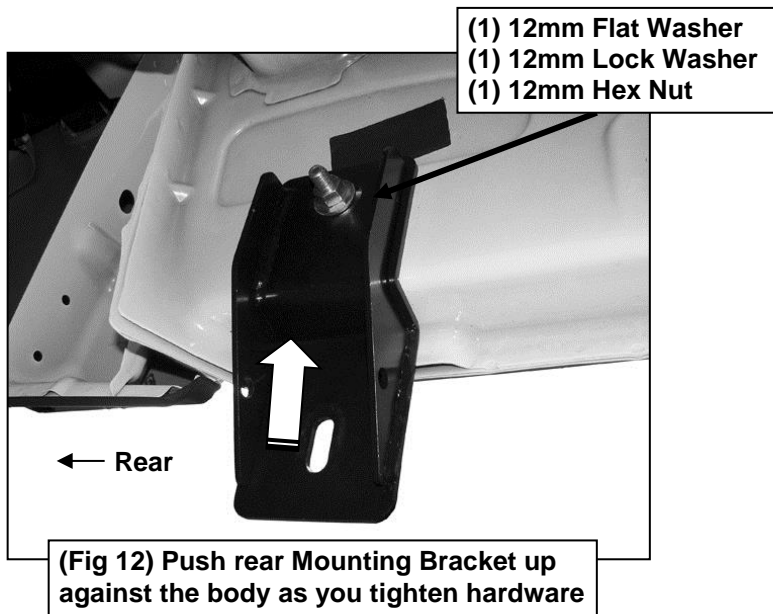
(1) 12mm Flat Washer
(1) 12mm Lock Washer
(1) 12mm Hex Nut
(1) 10mm x 35mm Hex Bolt
(1) 10mm Lock Washer
(1) 10mm Flat washer

(Fig 10) Center Mounting Bracket pictured

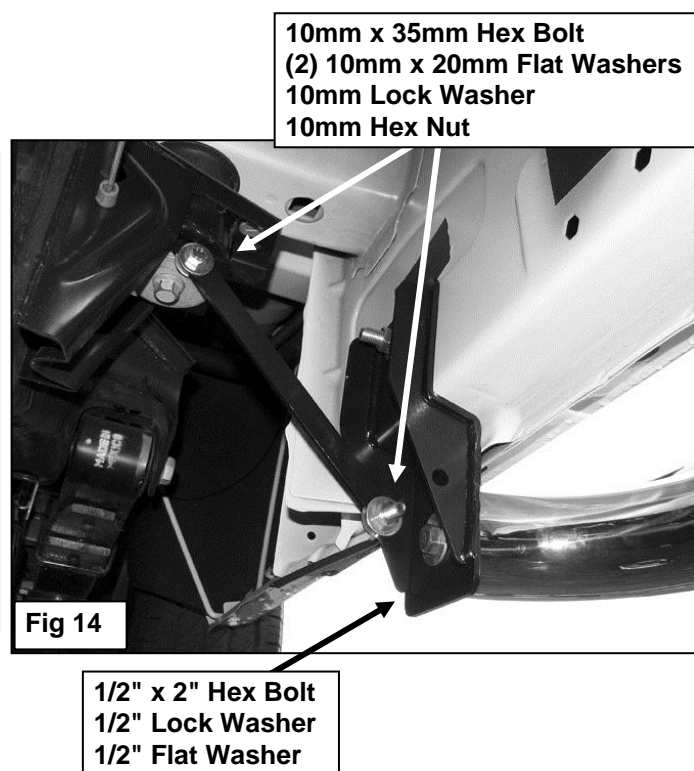
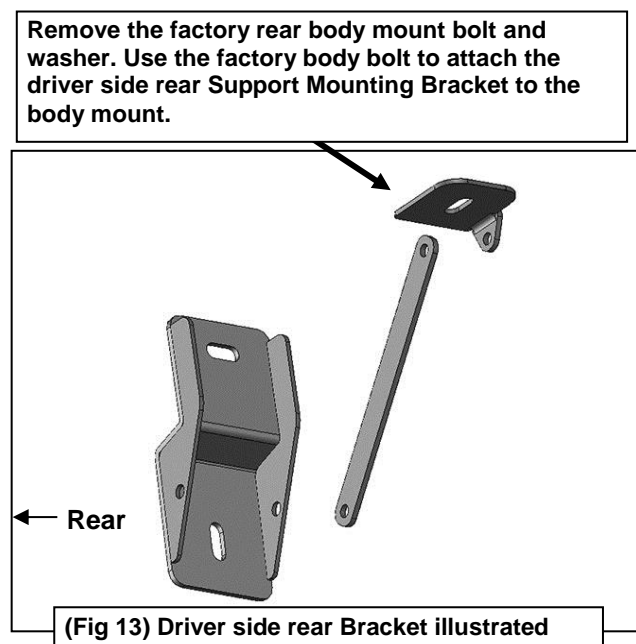
8. Next, move to the rear mounting location and remove the tape covering the single factory hole, **(Figure 11B)**. Select (1) 12mm Bolt Plate and 12mm Plastic Retainer, **(Figure 11A)**. Partially thread the Retainer onto the Bolt Plate. Insert the Bolt Plate into the factory oval hole. Select (1) Rear Mounting Bracket. Attach the Bracket to the Bolt Plate with (1) 12mm Flat Washer, (1) 12mm Lock Washer and (1) 12mm Hex Nut. Push Bracket up against the body as you tighten the hardware, **(Figure 12)**.



(Fig 11B) Driver side Rear mounting location



9. Remove the driver side rear factory body bolt and washer. Select the driver side Rear Support Mounting Bracket, **(Figure 13)**. Insert the factory body bolt and washer through the Support Mounting Bracket and up into its original position. Next, select (1) Rear Support Strap and bolt it to the mounting tab on the Rear Support Mounting Bracket and to the Rear Mounting Bracket with (2) 10mm x 35mm Hex Bolts, (4) 10mm x 20mm OD Small Flat Washers, (2) 10mm Lock Washers and (2) 10mm Hex Nuts, **(Figure 14)**. Snug but do not tighten hardware at this time.



10. Select the driver Sidebar and with assistance, carefully fasten it to the front and rear Mounting Brackets with the included (2) 1/2" x 2" Hex Head Bolts, (2) 1/2" Lock Washers, and (2) 1/2" Flat Washers, **(Figure 14 & 15)**. Do not tighten at this time.



Fig 15

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

11. Level and align Sidebar properly; then snug all hardware on the front and rear Mounting Brackets first.
12. Line up the Center Mounting Bracket with the threaded insert in the Sidebar. Insert (1) 8mm x 25mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm STD Flat Washer through the Center Bracket and into the threaded insert in the Sidebar, **(Figure 16)**. Slowly tighten the Mounting Hardware.

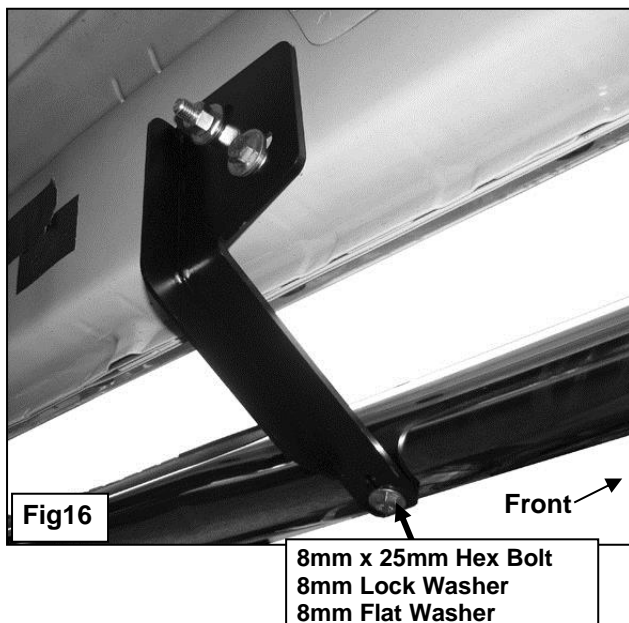


Fig16

8mm x 25mm Hex Bolt
8mm Lock Washer
8mm Flat Washer

13. Check the Sidebar for level and adjust as necessary. Tighten all hardware at this time.
14. Repeat **Steps 2—14** for passenger Sidebar installation. **NOTE** Pay close attention to specific information regarding passenger side front Bracket installation in **Step 5**.
15. Do periodic inspections to the installation to make sure all hardware is secure and tight.



Complete Installation

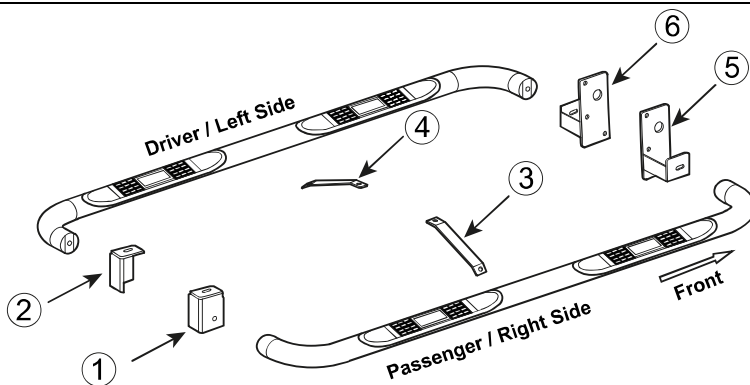
PARTS IDENTIFICATION GUIDE

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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**BULL BAR****GRILLE GUARDS****BED RAILS****RUNNING BOARDS**

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