



## 4.5" Side Bar

### Part No. 54400/54405



**Fits: 2001-2013 Chevrolet Silverado/GMC Sierra 1500/1500HD Crew Cab**  
**2001-2014 Chevrolet Silverado/GMC Sierra 2500(LD) 2500HD/3500 Crew Cab**



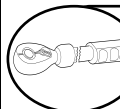
Excl. C/K " Classic



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



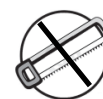
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



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



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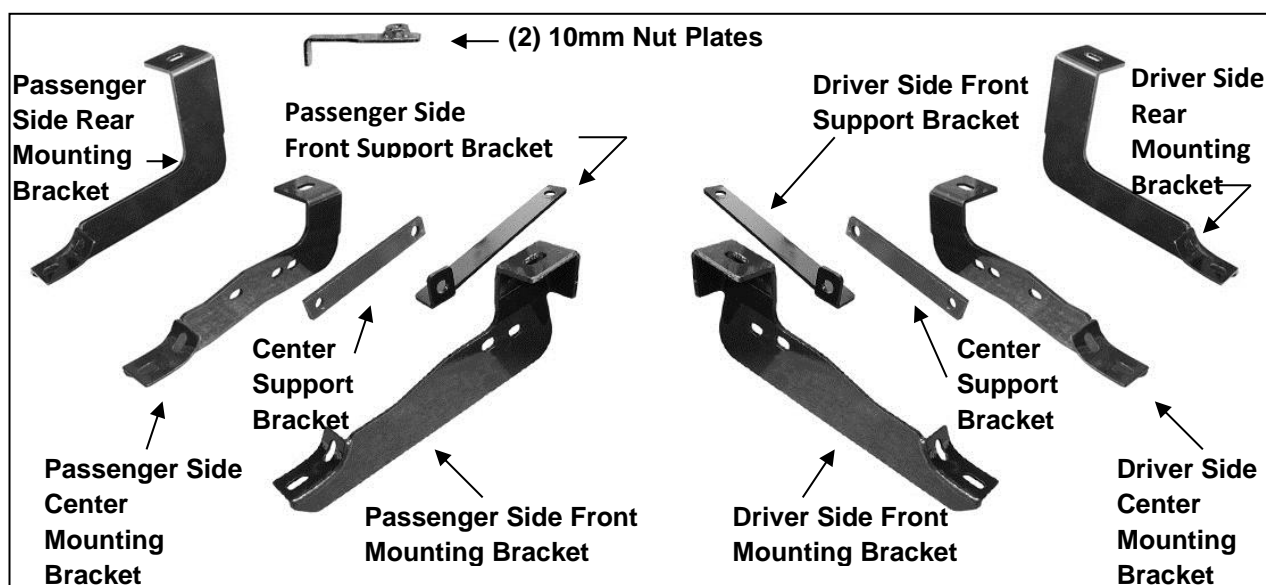
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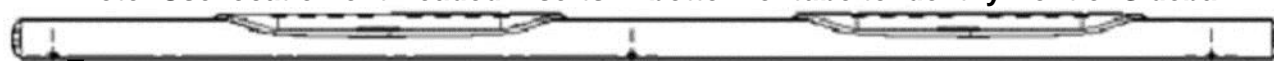
POLISHED STAINLESS STEEL – LIMITED LIFETIME  
POWDER COATED BLACK – 3 YEARS

#### PARTS LIST:

Qty	Part Description	Qty	Part Description
1	Driver/Left Side Bar	4	12mm x 32mm x 3mm Flat Washers
1	Passenger/Right Side Bar	2	12mm Lock Washers
1	Driver/Left Front Mounting Bracket	2	12mm Hex Nuts
1	Passenger/Right Front Mounting Bracket	2	10mm Nut Plates
1	Driver/Left Side Center Mounting Bracket	6	10-1.50mm x 30mm Hex Bolts
1	Passenger/Right Side Center Mounting Bracket	10	10mm x 20mm OD x 2mm Flat Washers
1	Driver/Left Rear Mounting Bracket	6	10mm Lock Washers
1	Passenger/Right Rear Mounting Bracket	4	10mm Hex Nuts
1	Driver/Left Front Support Bracket	12	8-1.25mm x 25mm Hex Bolts
1	Passenger/Right Front Support Bracket	12	8mm ID x 24mm OD x 2mm Flat Washers
2	Center Support Brackets	12	8mm Lock Washers
2	12-1.75mm x 30mm Hex Bolts		



**Note: Use location of threaded inserts in bottom of tube to identify front of Sidebar**



Front of Sidebar-inserts slightly closer to end of tube

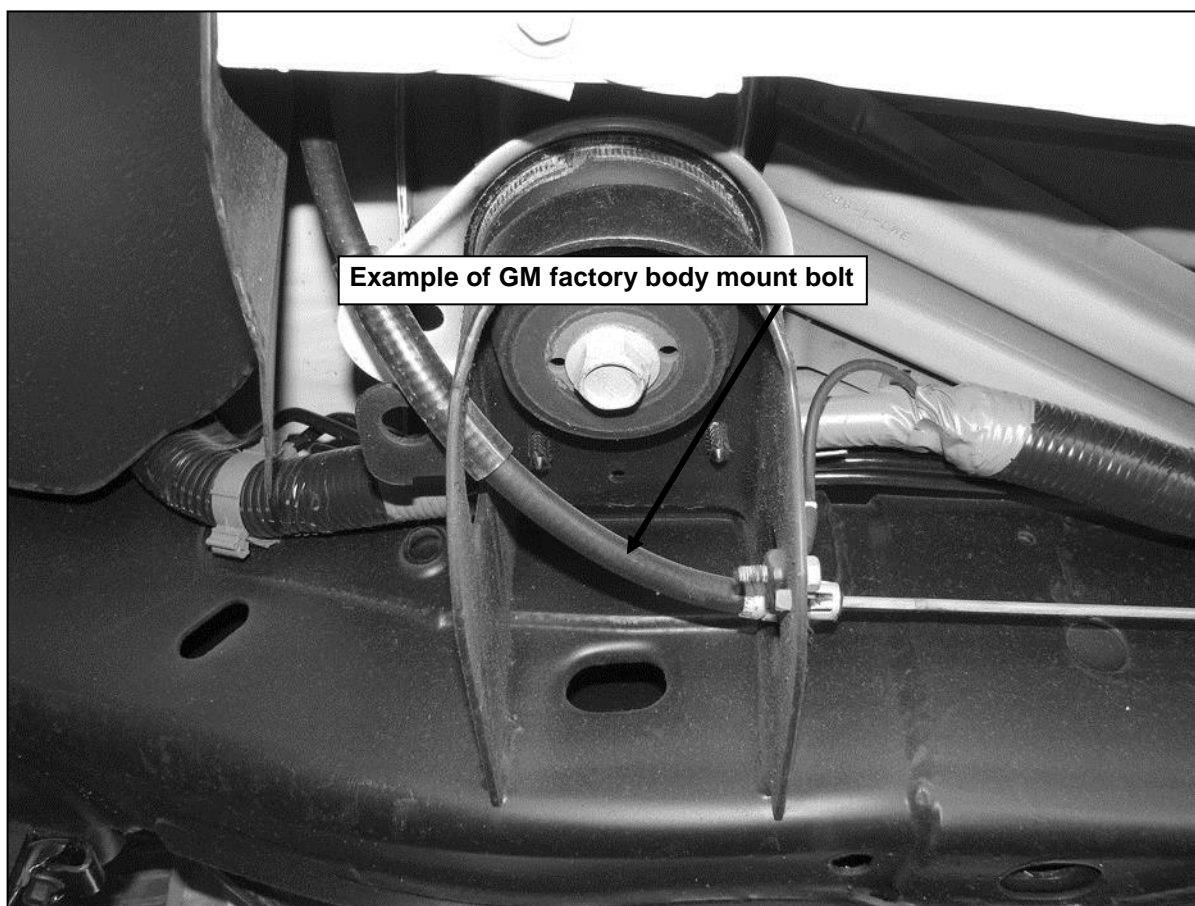
Rear

**IMPORTANT ALERT:** GM uses a very strong thread-locking compound on all body bolts. Use of an air assisted impact ratchet can cause damage to the threads on factory body mount bolts and the internal nut assembly because of this thread locking compound.

We only recommend the use of hand tools to slowly remove and reinstall body mount bolts on all GM vehicles.

**PROCEDURE:**

**CRITICAL INFORMATION:** If during the removal process, it becomes increasingly difficult to unscrew the body mount bolt with hand tools, tighten the bolt several rotations to clear the thread locking compound from the threads, then reverse direction and continue to unscrew until the body mount bolt is out. Repeat this process as necessary on all GM body mount bolts. Use of an appropriate anti-seize compound is highly recommended for re-installation. Tighten body mount bolt to factory torque specifications for your particular model year.



## INSTALLATION PROCEDURE:

1. Start the installation under the driver side of the vehicle and remove the front, center and rear body mount bolts. Do not remove bushings.
2. Hang the driver side front, center and rear Mounting Brackets from the body mounts using the factory hex bolts, **(Figure 1)**. Do not tighten hardware at this time.
3. Locate the two factory holes in the bottom of the frame towards the front of the vehicle. Insert (1) 10mm Nut Plate into the oval hole and line up the threaded nut with the forward round hole, **(Figure 2)**.
4. Attach the driver side front Support Bracket to the Nut Plate with (1) 10mm x 30mm Hex Bolt, (1) 10mm Lock Washer and (1) 10mm Flat Washer, **(Figure 3 & 4)**. Do not tighten hardware at this time.

### 1500 Models:

Attach the bent end of the Front Support Bracket to the outside hole in the Front Mounting Bracket with (1) 10mm x 30mm Hex Bolt, (2) 10mm Flat Washers, (1) 10mm Lock Washer and (1) 10mm Hex Nut, **(Figure 3)**. Do not tighten at this time.

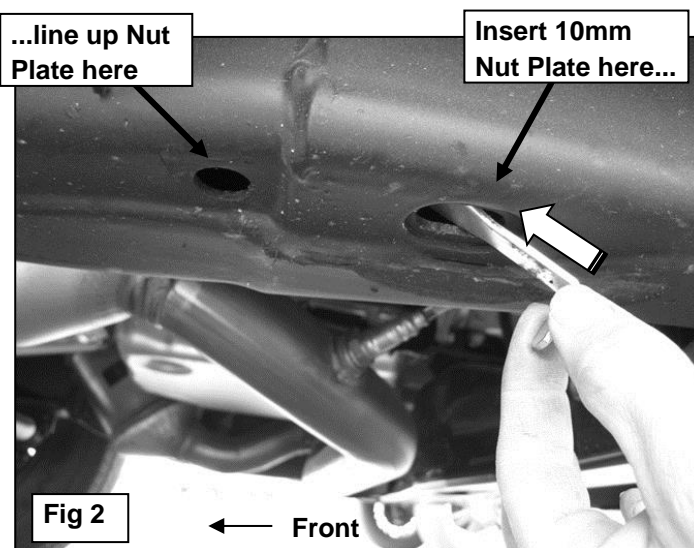
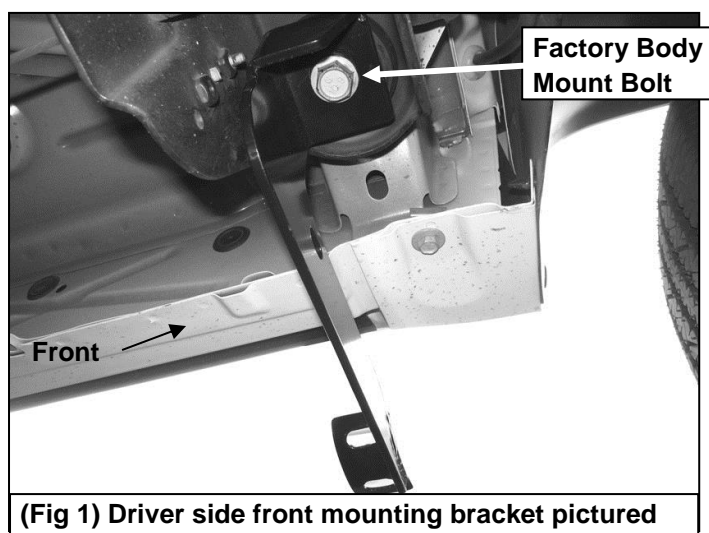
### Up to 2010 25-3500 Models-Support Bracket not required on 2011 25-3500 Models:

Note that the Front Support Bracket will not reach up to the Mounting Bracket, **(Figure 4)**. Tighten the Support Bracket to the Nut Plate in the frame. Carefully push up on the Support Bracket until it reaches the inside hole in the Mounting Bracket, **(Figure 5)**. Bolt the Support Bracket to the hole in the Mounting Bracket with (1) 10mm x 30mm Hex Bolt, (2) 10mm Flat Washers, (1) 10mm Lock Washer and (1) 10mm Hex Nut, **(Figure 6)**. Do not tighten at this time.

### 1500 and up to 2010 25-3500 Models-Support Bracket not required on 2011 25-3500 Models:

5. Move to the Center Mounting Bracket. Select (1) Center Support Bracket-note the two different sizes of mounting holes in the Bracket. Slide the end of the Center Support Bracket with the larger mounting hole between the factory body mount and the Center Mounting Bracket. Attach the Support Bracket to the body mount using the included (1) 12mm x 30mm Hex Bolt, (2) 12mm Flat Washers, (1) 12mm Lock Washer and (1) 12mm Hex Nut, **(Figure 7 & 8)**. Do not tighten at this time. **NOTE:** Larger hole on the Center Support Bracket mounts to body mount.
6. Attach the opposite end of the Support Bracket to the Center Mounting Bracket with (1) 10mm x 30mm Hex Bolt, (2) 10mm Flat Washers, (1) 10mm Lock Washer and (1) 10mm Hex Nut, **(Figure 7 & 8)**. Do not tighten at this time.
7. Carefully position the Driver Sidebar onto the Mounting Brackets. Attach the Sidebar to the Mounting Brackets with (6) 8mm x 25mm Hex Bolts, (6) 8mm Lock Washers and (6) 8mm Flat Washers, **(Figure 9)**. Do not tighten hardware at this time.
8. Level and adjust the Sidebar and tighten all hardware.
9. Repeat steps 2-9 for passenger Sidebar installation.
10. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

## Driver Side Installation Pictured



## Driver Side Installation Pictured

10mm x 30mm Hex Bolt  
(2) 10mm Flat Washers  
10mm Lock Washer  
10mm Hex Nut

Front

10mm Nut Plate  
10mm x 30mm Hex Bolt  
10mm Lock Washer  
10mm Flat Washer

Front

(Fig 3) 1500 Model Front Support  
Bracket Installation Pictured

Fig 4

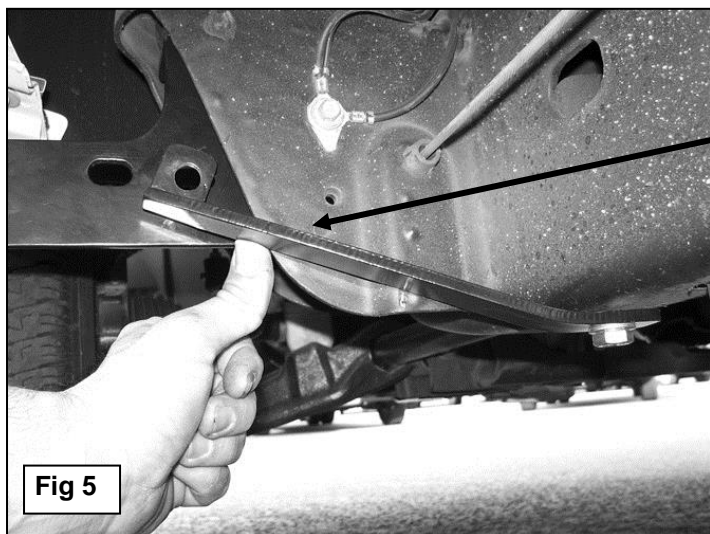


Fig 5

**IMPORTANT NOTE:** 25-3500 Model Front  
Support Bracket Installation Pictured  
Bend Support Bracket up by hand to meet  
the Front Mounting Bracket.

**NOTE:** Support Bracket not required on  
2011 25-3500 Models

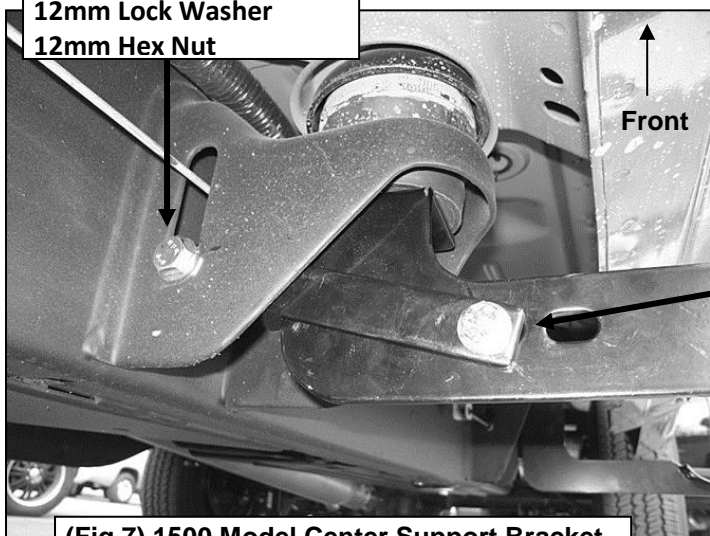
10mm x 30mm Hex Bolt  
(2) 10mm Flat Washers  
10mm Lock Washer  
10mm Hex Nut

**NOTE:** Support Brackets not  
required on 2011 25-3500 Models

Fig 6

## Driver Side Installation Pictured

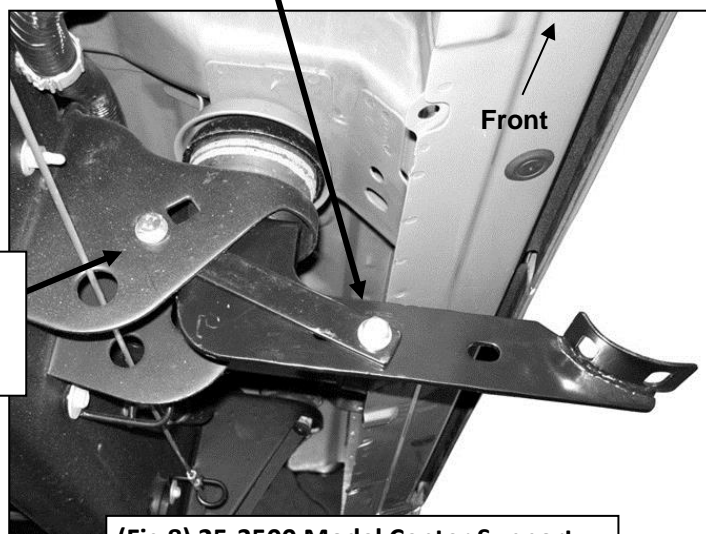
12mm x 30mm Hex Bolt  
(2) 12mm Flat Washers  
12mm Lock Washer  
12mm Hex Nut



(Fig 7) 1500 Model Center Support Bracket Installation Pictured

NOTE: Support Brackets not required on 2011 25-3500 Models

10mm x 30mm Hex Bolt  
(2) 10mm Flat Washers  
10mm Lock Washer  
10mm Hex Nut



(Fig 8) 25-3500 Model Center Support Bracket Installation Pictured.

NOTE: Support Bracket not required on 2011 25-3500 Models

12mm x 30mm Hex Bolt  
(2) 12mm Flat Washers  
12mm Lock Washer  
12mm Hex Nut

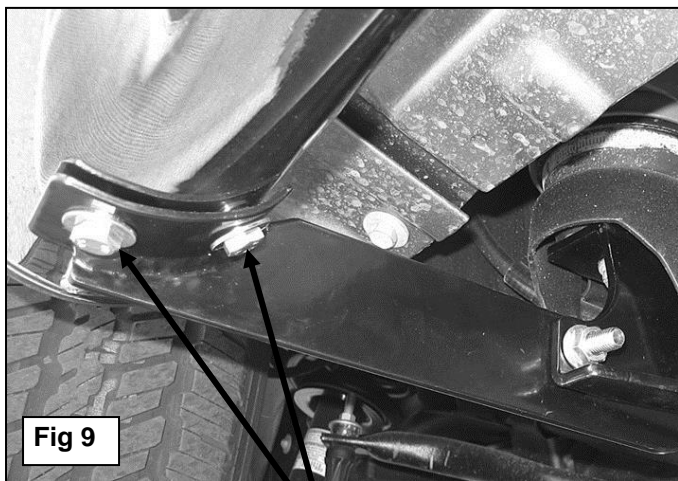


Fig 9

(2) 8mm x 25mm Hex Bolts  
(2) 8mm Lock Washers  
(2) 8mm Flat Washers

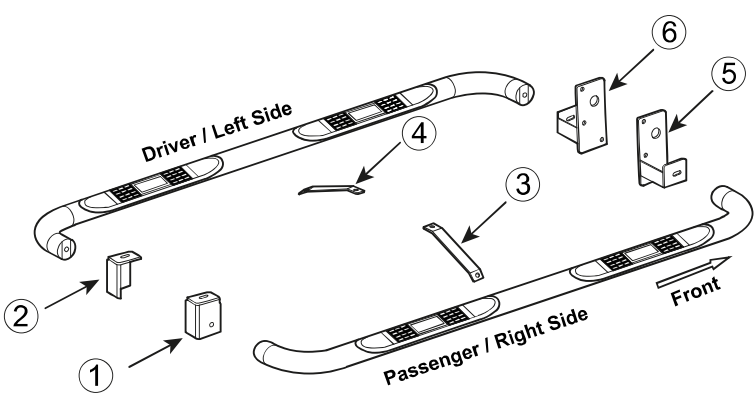


Complete Installation



**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"	
<b>Note:</b> ➤ This guide is to identify the parts and not a reference for part count. ➤ Product / Bracket image is for representative purpose only. ➤ Actual design may vary based on application. ➤ Refer Installation Instructions for Hardware Kit detail.		

**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, please ensure that holes are not partially covered with any plastic grommet or rust? If it is, please 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.**

Please 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. Please 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.

**Check out these other TrailFX Products!!**

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

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