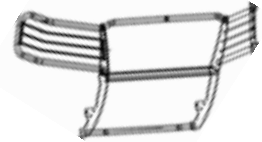




Grille Guard

Part No. 81220/1



Fits: 2006 - 2009
2006 - 2008

Dodge Ram Mega Cab
Dodge Ram 2500/3500



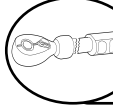
Cutting of air dam is necessary to complete installation.
Excludes Dodge Ram Rebel Editions Vehicle



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
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/Left Frame Mounting Bracket	8	10-1.5mm x 45mm Hex Bolts (Gr 8.8)
1	Passenger/Right Frame Mounting Bracket	2	10-1.5mm x 35mm Hex Bolts
1	Driver/Left Top Mounting Bracket	8	10mm x 30mm OD x 2.5mm Flat Washers
1	Passenger/Right Top Mounting Bracket	4	10mm x 20mm OD x 2mm Flat Washers
1	Driver/Left Frame Top Support Bracket	10	10mm Nylon Lock Nuts
1	Passenger/Right Top Support Bracket	1	5mm Wrench
6	12-1.75mm x 35mm Hex Bolts	2	8mm x 25mm Button Head Allen Bolts
12	12mm x 24mm OD x 2.5mm Flat Washers	4	8mm x 16mm OD x 1.6mm Flat Washers
6	12-1.75mm Nylon Lock Nuts	2	8mm Nylon Lock Nuts

Passenger
side Top
Support
Bracket



Passenger side Top
Mounting Bracket



Driver side
Top Support
Bracket



Driver side Top
Mounting Bracket



Passenger side Frame
Mounting Bracket

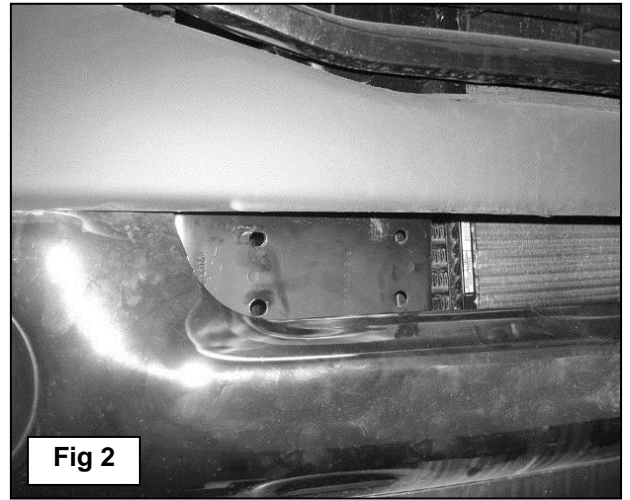
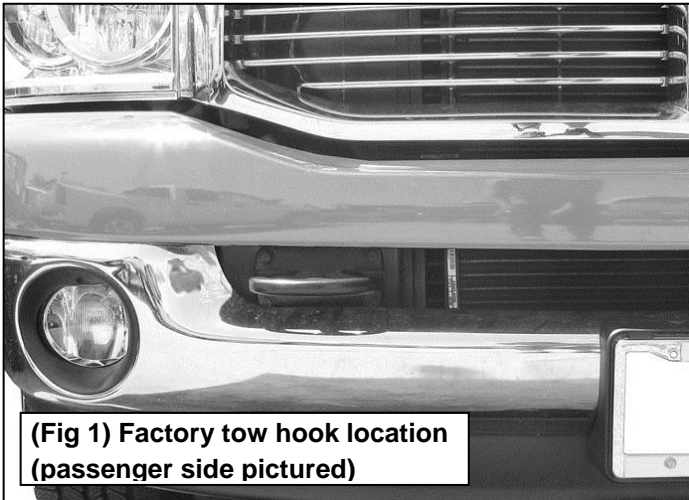


Driver side Frame
Mounting Bracket

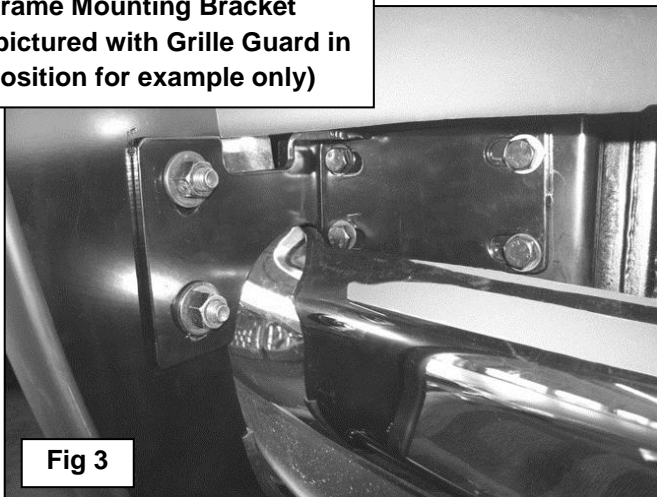
INSTALLATION PROCEDURE

- Starting on the passenger side, remove the (4) factory hex bolts securing the tow hook to the frame, **(Figure 1 & 2)**. Place the hardware and tow hook aside. Insert the driver side Frame Mounting Bracket through the opening in the bumper and up to the mounting surface, **(Figure 3)**. Secure the Frame Mounting Bracket to the tow hook location using the factory hardware. **IMPORTANT:** The Frame Mounting Brackets are supplied with slots for easy adjustment. Use the supplied (8) 10mm x 30mm OD x 2.5mm Flat Washers between the Hex Bolt and the Frame Mounting Bracket.

NOTE: If you choose to re-install the tow hooks, use the supplied longer (8) 10mm x 45mm hex bolts, (8) 10mm x 30mm Flat Washers, factory flat washers and (8) 10mm Nylon Lock Nuts, **(Figure 8)**. Snug but do not tighten hardware at this time.



Frame Mounting Bracket
(pictured with Grille Guard in position for example only)

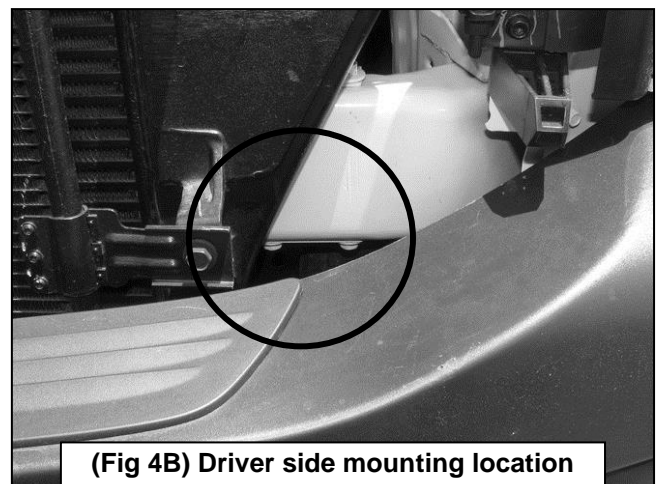
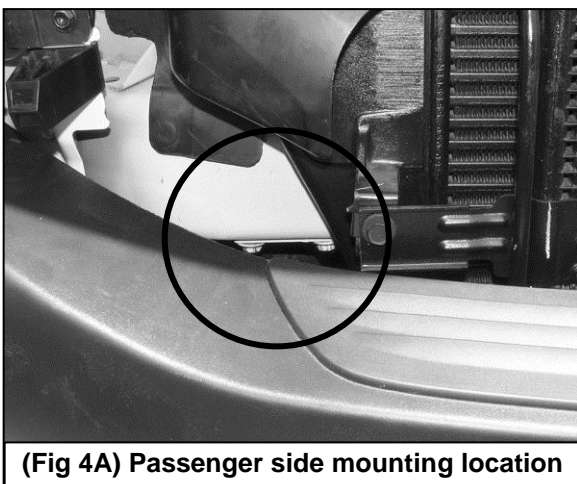


IMPORTANT:

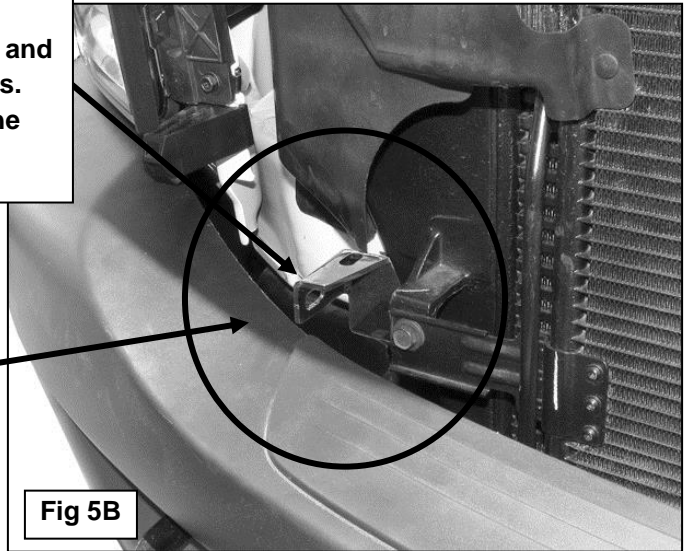
If installing Grille Guard without tow hooks:
Use the factory hex bolts with the supplied 10mm x 30mm OD x 2.5mm Flat Washers. Reuse the factory flat washers on the back of the factory mounting flange with the included 10mm Nylon Lock Nuts.

If re-installing the tow hooks, (Fig 8), use the supplied:
10mm x 45mm Hex Bolts
10mm Flat Washers

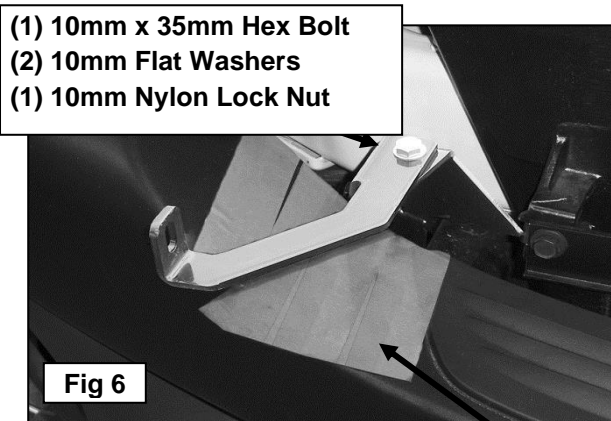
2. Cover the top of the bumper cover with a layer of masking tape to prevent damage to the cover during bracket installation. Loosen the factory (2) hex bolts located on the bottom of the crossmember, (Figure 4A & 4B). Select the passenger side Top Mounting Bracket and attach it to the crossmember using the factory hex bolts. Push the bracket back against the crossmember and tighten the (2) hex bolts on this bracket only, (Figure 5).



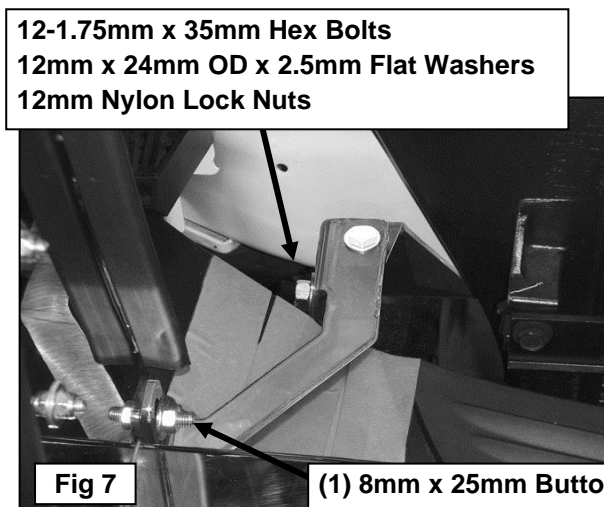
Use the factory 8mm hex bolts to attach the Top Mounting Bracket to the bottom of the crossmember. Loosen the (2) factory bolts and slides the Mounting Bracket under the bolts. Push the Mounting Bracket back against the crossmember and tighten the bolts



3. Secure the passenger side Top Support Bracket to the Top Mounting Bracket with the included (1) 10mm x 35mm Hex Bolt, (2) 10mm x 20mm OD Flat Washers and (1) 10mm Nylon Lock Nut. Insert (1) 12mm x 35mm Hex Bolt, (2) 12mm Flat Washers and (1) 12mm Nylon Lock Nut through the slotted hole on the side of the Top Bracket, **(Figure 6)**. Snug but do not tighten hardware at this time.
4. Repeat Steps 2-4 for the driver side Mounting Bracket installation.
5. With assistance, lift the Grille Guard up to the vehicle and line up the holes in the Frame Mounting Brackets with the holes in the uprights on the Grille Guard. Insert (4) 12-1.75mm x 35mm Hex Head Bolts, (8) 12mm x 24mm OD x 2.5mm Flat Washers and (4) 12mm Nylon Lock Nuts, **(Figure 6)**. Use (2) 8mm x 20mm Button Head Allen Bolts, (4) 8mm Flat Washers and (2) 8mm Nylon Lock Nuts to fasten the Top Bracket to the Grille Guard, **(Figure 7)**. **IMPORTANT:** Slowly close the hood to check for clearance and fit of the Grille Guard and brackets. Adjust the Brackets as necessary then snug but do not tighten all of the hardware. **NOTE:** Due to factory build variances in vehicles, it may be necessary to adjust the height of the front bumper to provide additional clearance for the Grille Guard Top Brackets. Loosen the bumper mounting hardware and adjust as necessary.



Masking tape applied to protect bumper cover from damage during bracket installation



**(1) 8mm x 25mm Button Head Allen Bolt
(2) 8mm Flat Washers
(1) 8mm Nylon Lock Nut**

- Stand back from the vehicle and check to see that the Grille Guard is centered and level on the vehicle and adjust as necessary. **IMPORTANT:** Once properly aligned, tighten all of the hardware.



**(Fig 8) Grille Guard mounted with factory tow hook. Use the supplied longer:
10mm x 45mm Hex Bolts
10mm Flat Washers
10mm Nylon Lock Nuts for tow hook installation**

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.

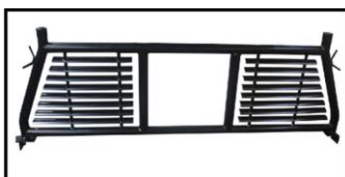
Ensure make model year, cab length and bed size of your vehicle is listed in the application. All installation steps are followed correctly.

Check out these other TrailFX Products!!

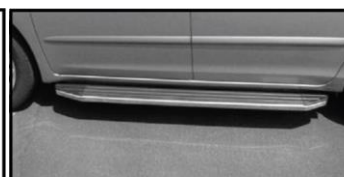
www.FX-Products.com



SIDE BAR



HEADACHE RACKS



RUNNING BOARDS



ROCKER GUARDS

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