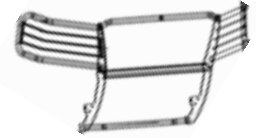




# Grille Guard

Part No. E0005S/B



Fits: 1999 - 2002  
1999 - 2004

Ford Expedition (4WD)  
Ford F150 & Flareside 4WD



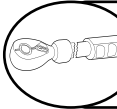
2004 MODELS ARE HERITAGE EDITION ONLY. MUST HAVE TOW HOOKS.



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



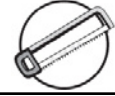
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



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



60-180 min



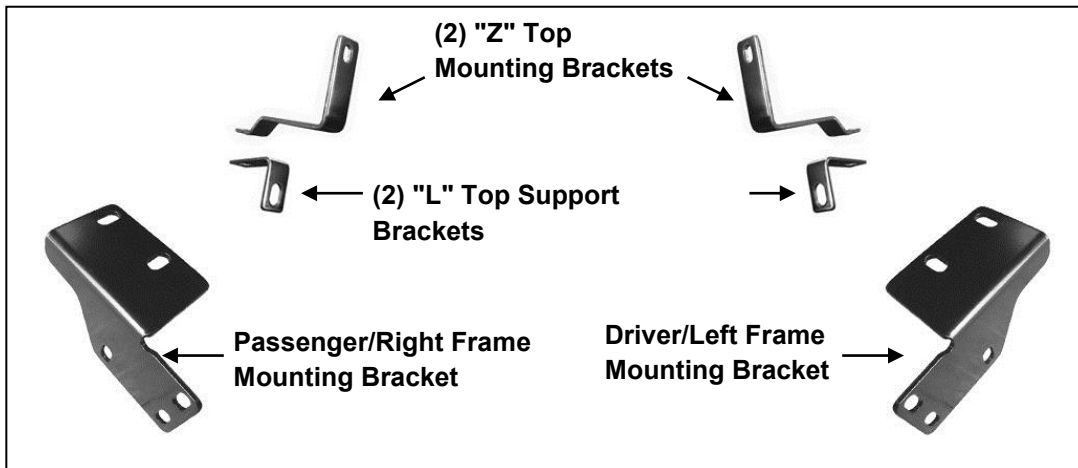
Cutting Required



Drilling Not Required

## PARTS LIST:

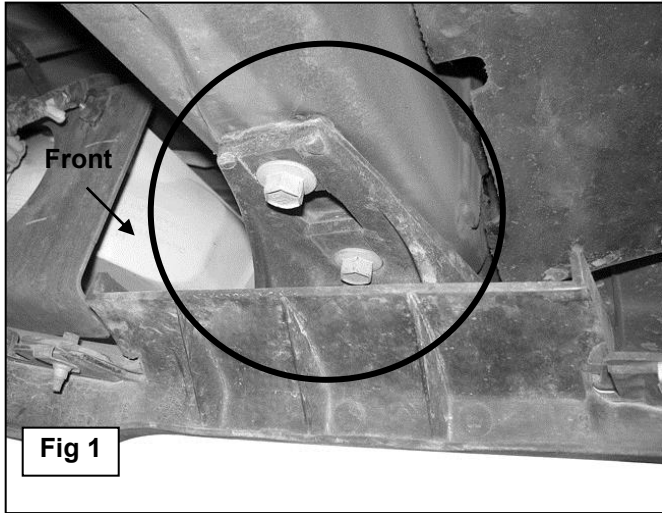
Qty	Part Description	Qty	Part Description
1	Grille Guard	12	12mm x 24mm OD x 2.5mm STD Flat Washers
1	Driver/Left Frame Mounting Bracket	10	12mm Nylon Lock Nuts
1	Passenger/Right Frame Mounting Bracket	2	10-1.5mm x 25mm Hex Bolts
2	"Z" Top Mounting Brackets	4	10mm x 20mm OD x 2mm Flat Washers
2	"L" Top Support Brackets	2	10mm Nylon Lock Nuts
6	12-1.75mm x 30mm Hex Bolts	2	6-1.0mm x 25mm Hex Bolt
4	12-1.75mm x 40mm Hex Bolts	4	6mm x 12mm OD x 1.6mm Flat Washers
8	12mm x 32mm OD x 3mm Large Flat Washers	2	6mm Nylon Lock Nuts



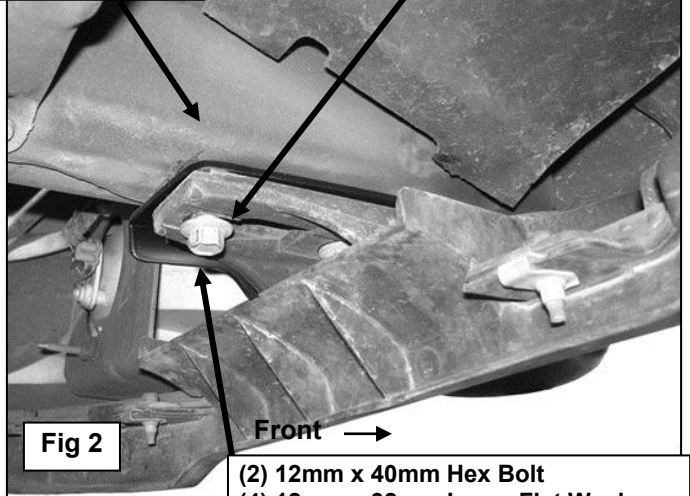
## INSTALLATION PROCEDURE:

- Starting on the driver side of the vehicle, remove the tow hook by removing the two hex bolts securing it to the frame rail, (Figure 1). Position the driver side Frame Mounting Bracket up to the frame rail sandwiched between the tow hook and the frame. Bolt the tow hook and Bracket in place with the factory hardware, (Figure 2). Snug but do not tighten hardware at this time. Repeat this Step for passenger side Frame Mounting Bracket installation. **NOTE:** If the vehicle is not equipped with tow hooks, use the included (4) 12mm x 40mm Hex Bolts, (8) 12mm x 32mm Large Flat Washers and (4) 12mm Nylon Lock Nuts. **NOTE:** The indented pockets in the plastic lower bumper may need to be cut out to clear the Mounting Brackets on vehicles without tow hooks, (Figure 3).
- Next, remove the factory hex bolt located on the back of the front bumper securing the bumper to the top of the bumper bracket, (Figure 4). Select (1) "L" Top Support Bracket and attach it to the back of the factory bumper bracket using the factory hex bolt, (Figure 5). Snug but do not tighten at this time. Repeat this Step to install the passenger side Top Support Bracket.

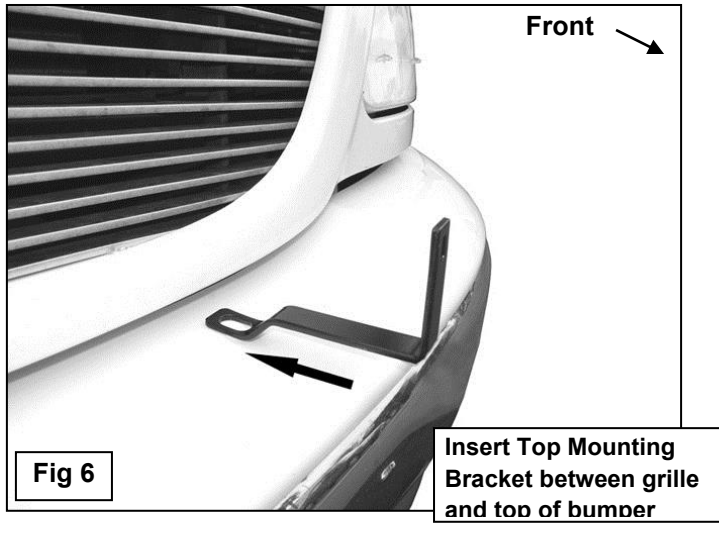
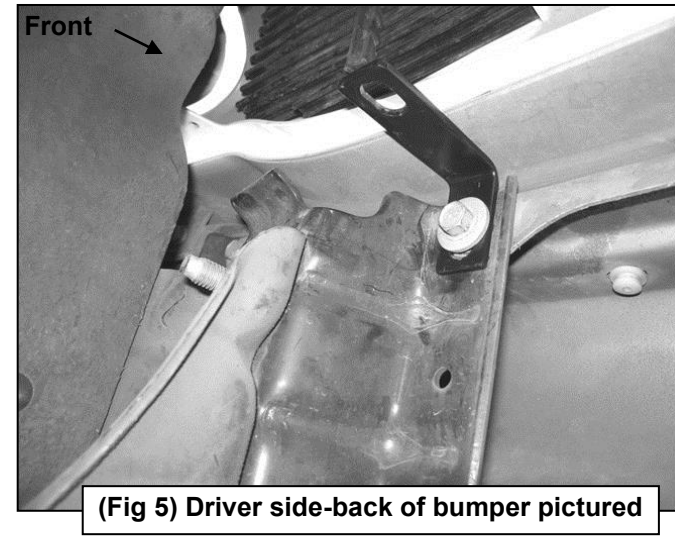
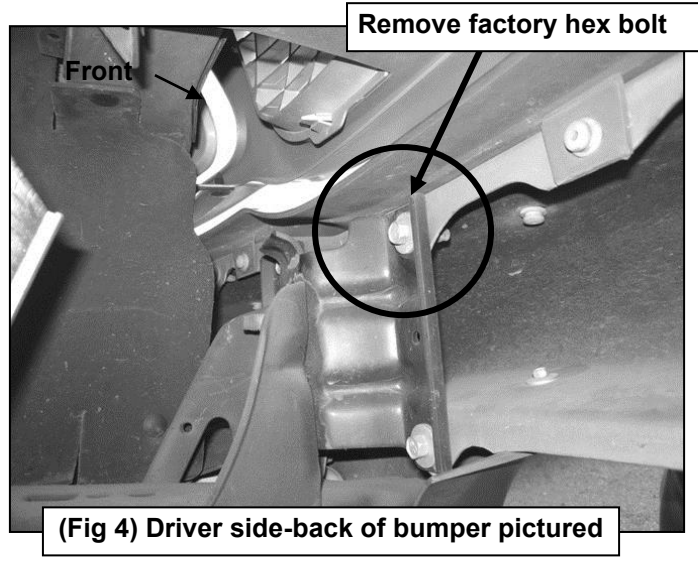
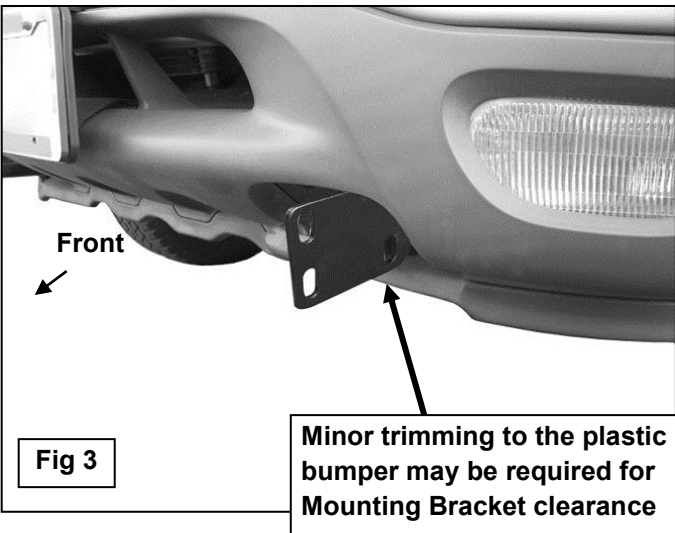
**Driver Side Installation Pictured**



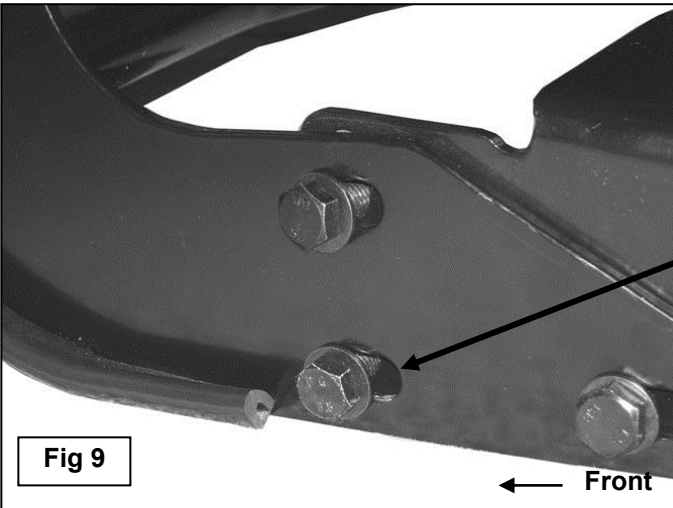
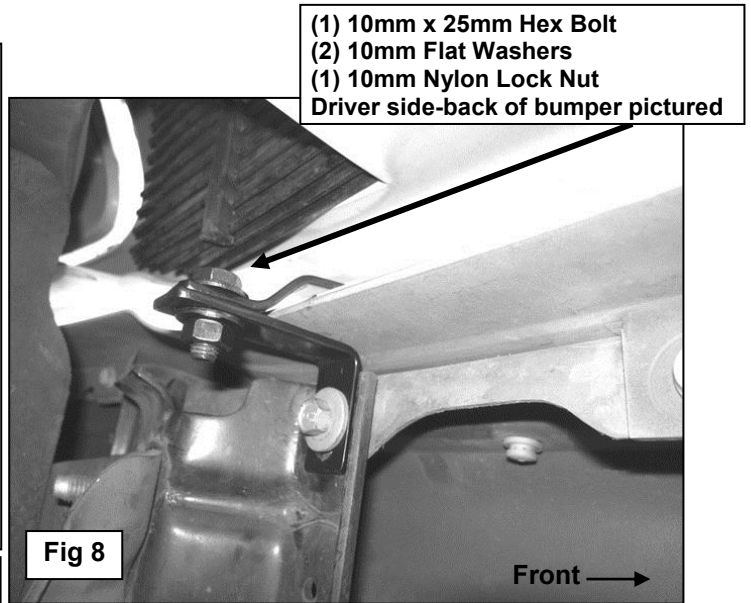
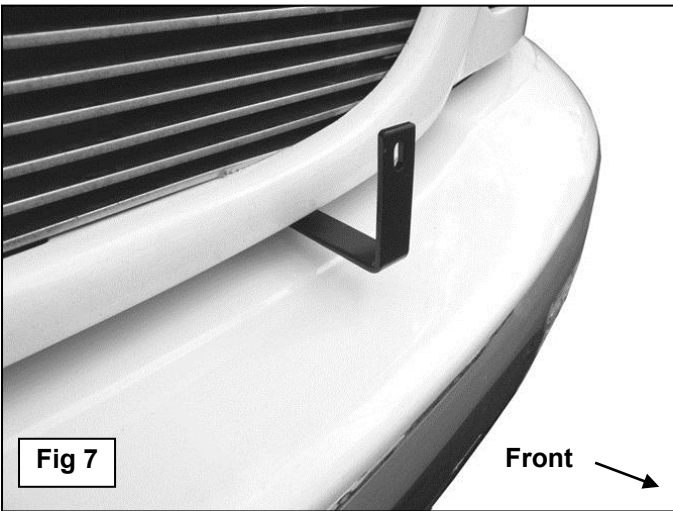
**Driver side Frame Mounting Bracket**  
 Use the factory hardware to bolt the Frame Mounting Bracket to the vehicle or...



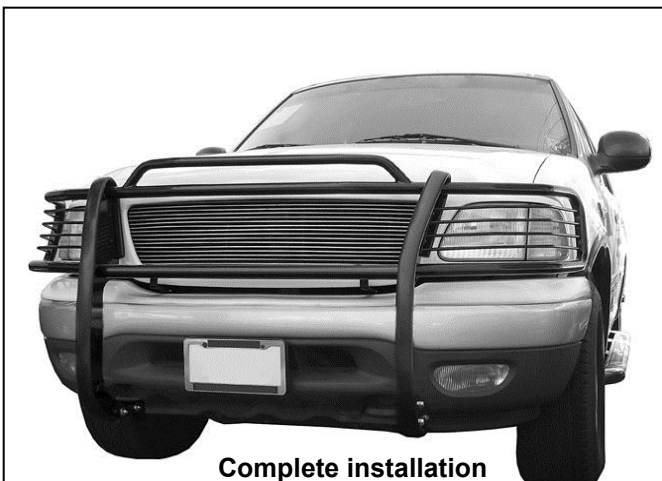
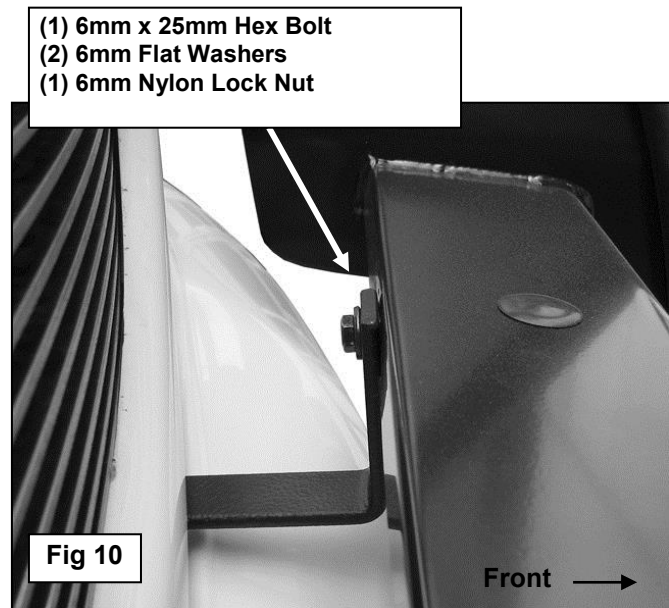
- (2) 12mm x 40mm Hex Bolt
- (4) 12mm x 32mm Large Flat Washers
- (2) 12mm Nylon Lock Nut



3. Select (1) "Z" Top Mounting Bracket and insert it through the opening in the bottom of the grille, (**Figure 6 & 7**). Attach it to the "L" Top Support Bracket installed in **Step 3** using (1) 10mm Hex Bolt, (2) 10mm Flat Washers and (1) 10mm Nylon Lock Nut, (**Figures 8A & 8B**). Do not tighten at this time. Repeat this Step for passenger side Top Bracket installation.
4. With assistance, position the mounting tabs on the Grille Guard up to the outside of the Frame Mounting Brackets. Bolt the Grille Guard to the Brackets with the included (6) 12mm x 30mm Hex Bolts, (12) 12mm x 24mm STD Flat Washers and (6) 12mm Nylon Lock Nuts, (**Figure 9**). Snug but do not tighten hardware at this time.
5. Move the Grille Guard into position and line up the Top Mounting Brackets with the mounting slots in the back of the cross bar on the Grille Guard. Bolt the Mounting Brackets to the cross bar with (2) 6mm Hex Bolts, (4) 6mm Flat Washers and (2) 6mm Nylon Lock Nuts, (**Figure 10**).
6. With the hood open, push the Grille Guard back until it is upright. Align, center and adjust the Grille Guard properly. Adjust the Brackets for fit as necessary and tighten all mounting hardware including the hardware behind the bumper and Mounting Brackets. Carefully close the hood and check for clearance between the Top Brackets and the factory grille insert.
7. Do periodic inspections to the installation to make sure that all hardware is secure and tight.



(3) 12mm x 30mm Hex Bolts  
(6) 12mm STD Flat Washers  
(3) 12mm Nylon Lock Nuts



## 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.*