



Grille Guard

Part No.81370/81371

Fits: **2007-2014****Toyota FJ Cruiser**

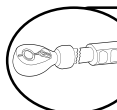
THE GRILLE GUARD MAY INTERFERE WITH PARKING SENSORS,
PROXIMITY SENSORS AND CRUISE CONTROL SENSORS.



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
RequiredDrilling Not
Required

support@trailfx.com



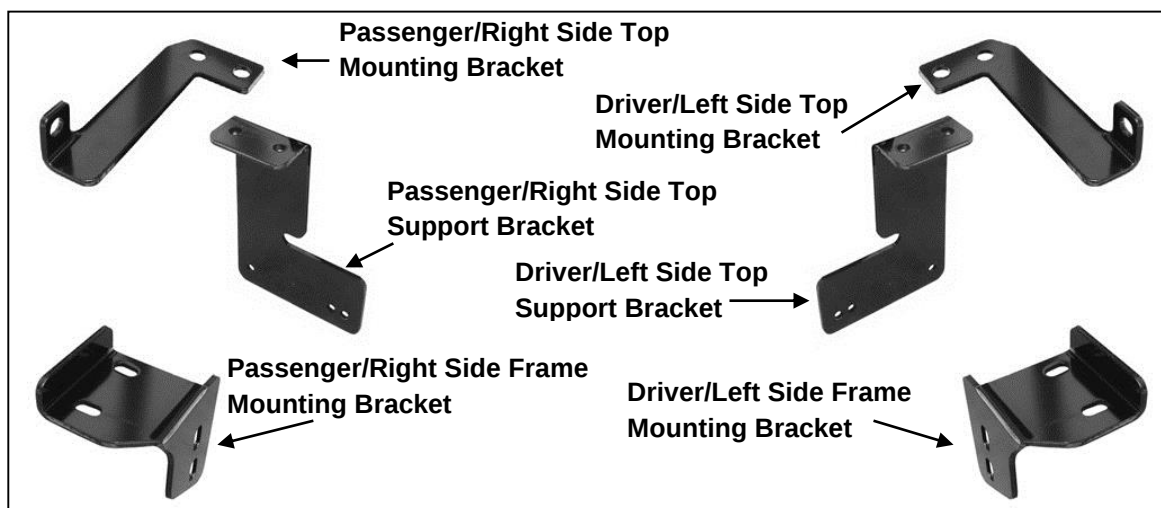
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POLISHED STAINLESS STEEL – LIMITED LIFETIME
POWDER COATED BLACK – 3 YEARS

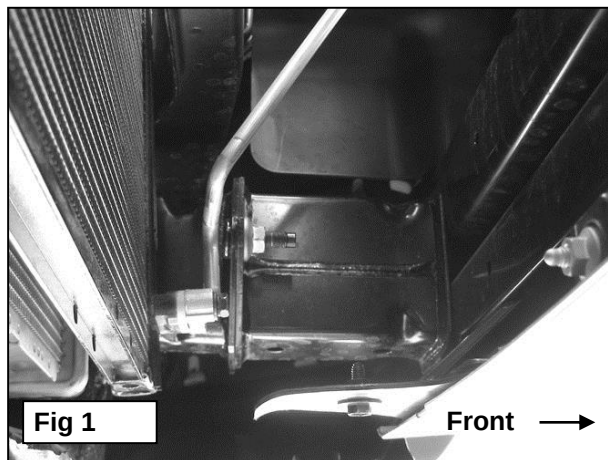
PARTS LIST:

Qty	Part Description	Qty	Part Description
1	Grill Guard	4	10-1.5mm x 120mm x 30mm Hex Bolts
1	Driver/Left Lower Frame Bracket	8	10mm x 30mm OD x 2.5mm Flat Washers
1	Passenger/Right Lower Frame Bracket	4	10mm x 20mm x 2mm Flat Washers
1	Driver/Left Top Support Bracket	6	10mm Nylon Lock Nuts
1	Passenger/Right Top Support Bracket	4	8-1.25mm x 25mm Hex Bolts
1	Driver/Left Top Mounting Bracket	4	8mm ID x 16mm OD x 1.6mm Flat Washers
1	Passenger/Right Top Mounting Bracket	4	8mm Lock Washers
4	12-1.75mm x 30mm Hex Bolts	4	6-1.0mm x 25mm Hex Bolts
8	12mm x 37mm OD x 3mm Flat Washers	4	6mm x 12mm OD x 1.6mm Flat Washers
4	12mm Nylon Lock Nuts	4	6mm Lock Washers
2	10-1.5mm x 30mm Button Head Allen Bolts	1	6mm Allen Wrench



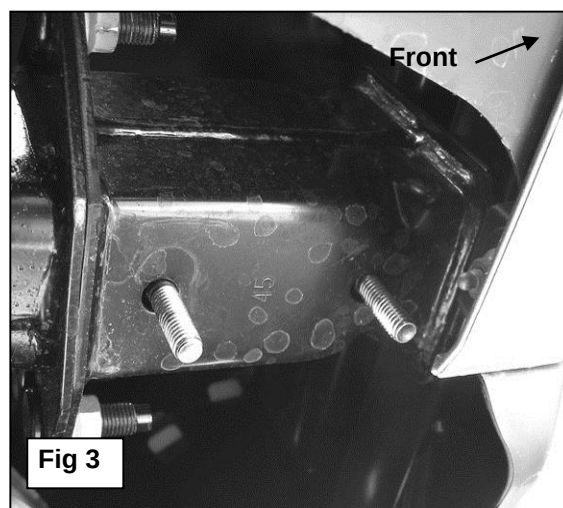
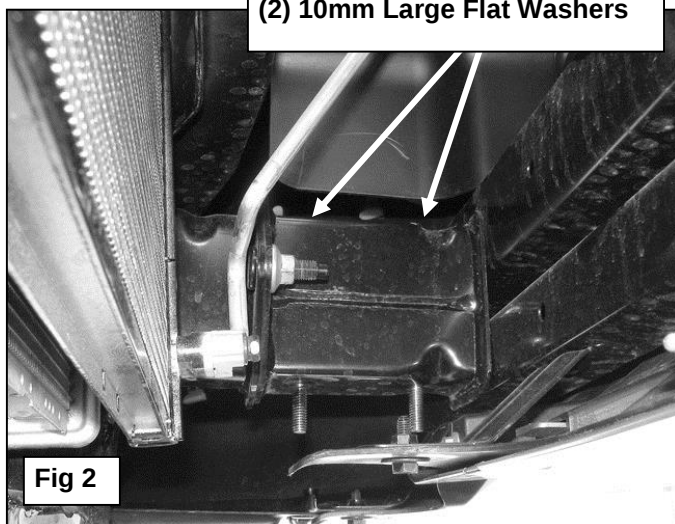
INSTALLATION PROCEDURE:

1. The factory grille shell must be removed to install this Brush Guard. Remove the Phillips head screw on each of the inner strap. Next using a flat screw driver remove the outer plastic fasteners located one on each side of the grille shell. Then proceed to remove the five clips located one in the bottom center, one on top and one on the bottom of each side (**Figure 1**). Once you have removed all fasteners remove grille shell and set aside.



2. Locate the five threaded holes across the metal brace that goes across the lower front of the radiator behind the bumper, two on the passenger side and three on the driver side.
3. Determine driver/left and passenger/right Mounting Bracket. **NOTE:** Driver/left Mounting Bracket has five mounting holes and the passenger/right Mounting Bracket has four mounting holes.
4. Use masking tape to cover the upper finish of the factory bumper.
5. Place the driver/left Mounting Bracket behind the bumper and align the three holes on the Mounting Bracket with the three threaded holes on the metal brace (**Figure 2 & 5**).
6. Use a 10mm socket with an extension to install through the lower mesh (1) 6mm x 25mm Hex Head Bolt, (1) 6mm Lock Washer, and (1) 6mm Flat Washer on each of the factory threaded holes (**Figure 3 & 5**). Do not tighten at this time.

(2) 10mm x 120mm Hex Bolts
(2) 10mm Large Flat Washers



(2) 10mm x 120mm Hex Bolts
(2) 10mm Large Flat Washers

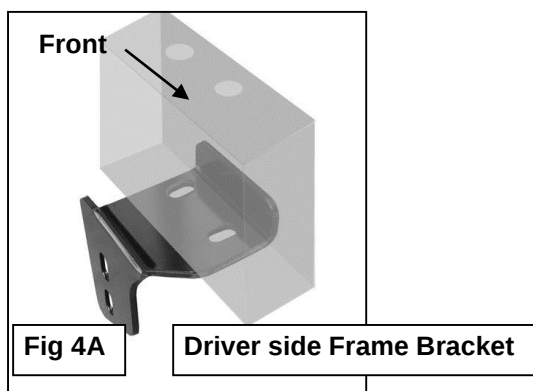
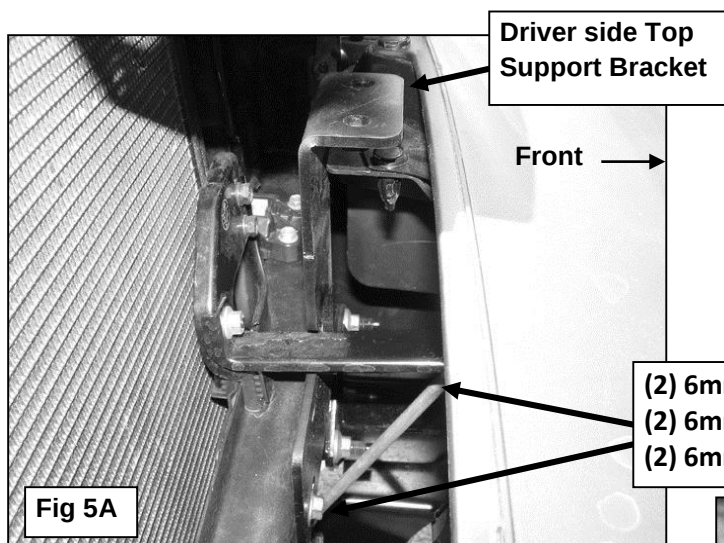
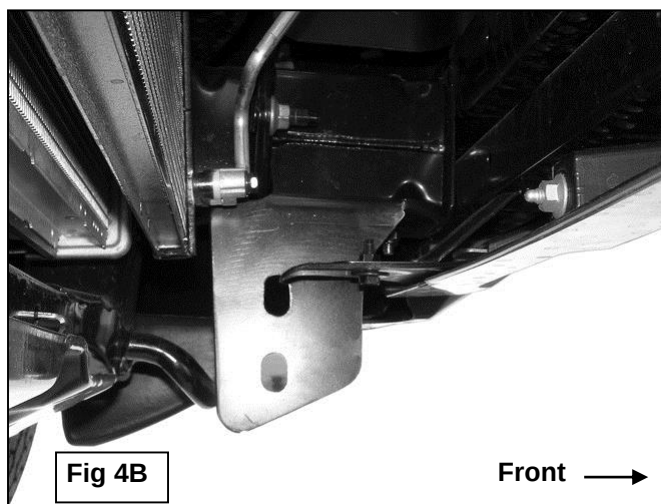
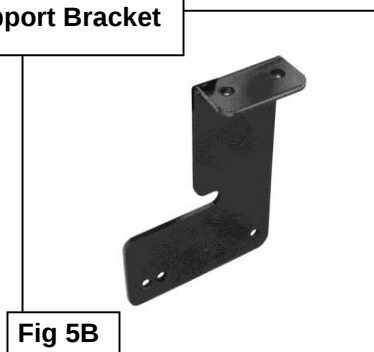


Fig 4A

Driver side Frame Bracket

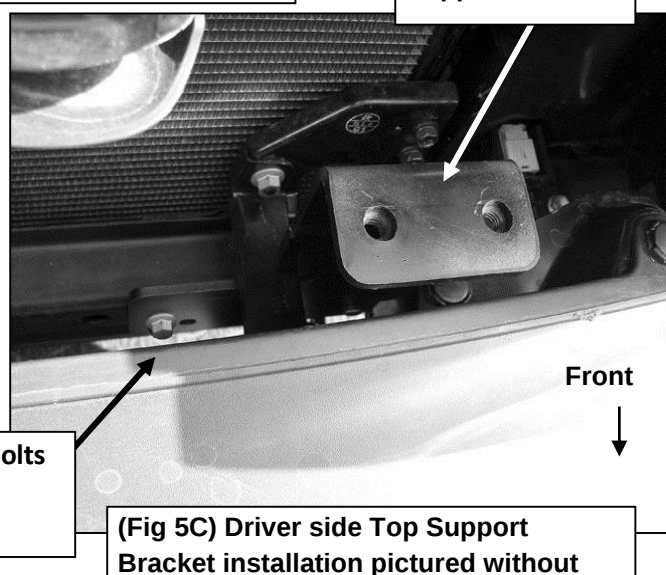


Driver side Top Support Bracket



(2) 6mm x 25mm Hex Bolts
(2) 6mm Flat Washers
(2) 6mm Lock Washers

Driver side Top Support Bracket



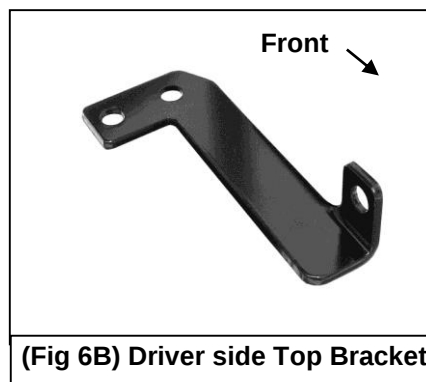
(2) 6mm x 25mm Hex Bolts
(2) 6mm Flat Washers
(2) 6mm Lock Washers

7. Repeat 5 & 6 for passenger side Mounting Bracket.
8. Re-install the factory grille shell by reversing step two and tighten all grille shell hardware at this time.
9. With help slide the mounting tabs on the Euro Guard under the Mounting Bracket and align the four holes. Attach Brush Guard to Mounting Brackets using (4) 10mm x 15mm Button Head Allen Bolts, (4) 10mm Flat Washers, & (4) 10mm Lock Washers (**Figure 6**). Do not tighten at this time.
10. Remove the Phillips head screw on each of the outer straps. Attach round ends of the Top Brackets to vehicle using the Phillips head screws removed in this step (**Figure 7**). Do not tighten at this time.
11. Proceed to attach opposite side of Top Brackets to Brush Guard using the included (2) 6mm x 10mm Button Head Phillips Head Bolts, (4) 6mm Flat Washers, and (2) 6mm Nylock Nuts (**Figure 7**).
12. Adjust Brush Guard, and then tighten all hardware at this time.

13. Do periodic inspections to the installation to make sure that all hardware is secure and tight.



(Fig 6A) Insert Driver side Top Bracket through gap above bumper



(Fig 6B) Driver side Top Bracket

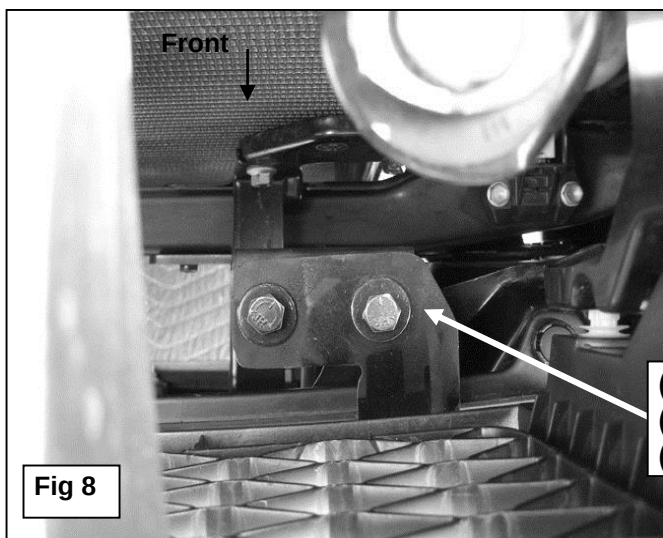
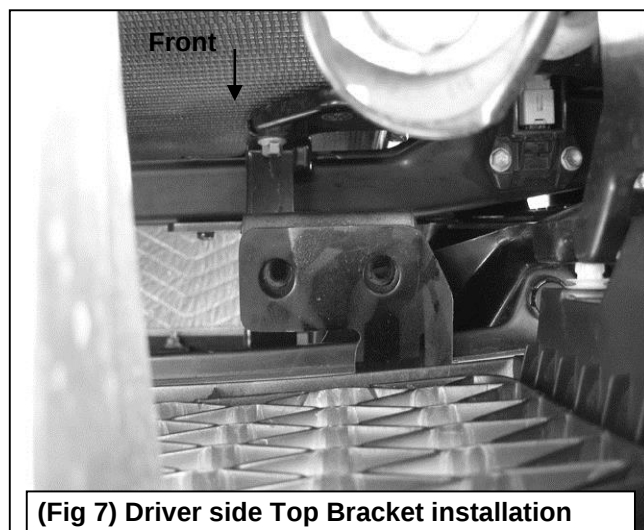


Fig 8

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



(Fig 7) Driver side Top Bracket installation through opening at top of grille

(2) 12mm x 30mm Hex Bolts
(4) 12mm Flat Washers
(2) 12mm Nylon Lock Nuts

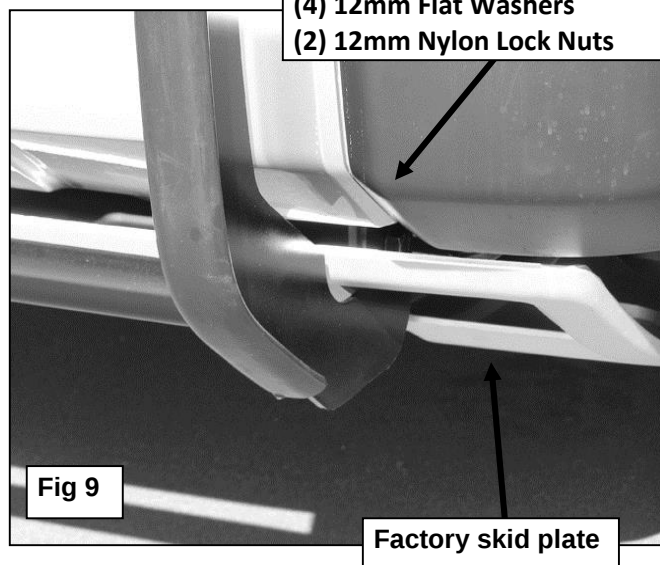


Fig 9

Factory skid plate

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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SIDE BAR



HEADACHE RACKS



RUNNING BOARDS



ROCKER GUARDS

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