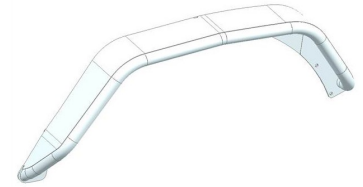




## REAR STEEL FENDER

Part No. JL05RF



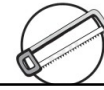
Fits: 2018 + JEEP Wrangler JL / JLU



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



60-180 min



Cutting May be Required



Drilling Is Required



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



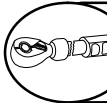
support@trailfx.com



READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



1 866 638 4870



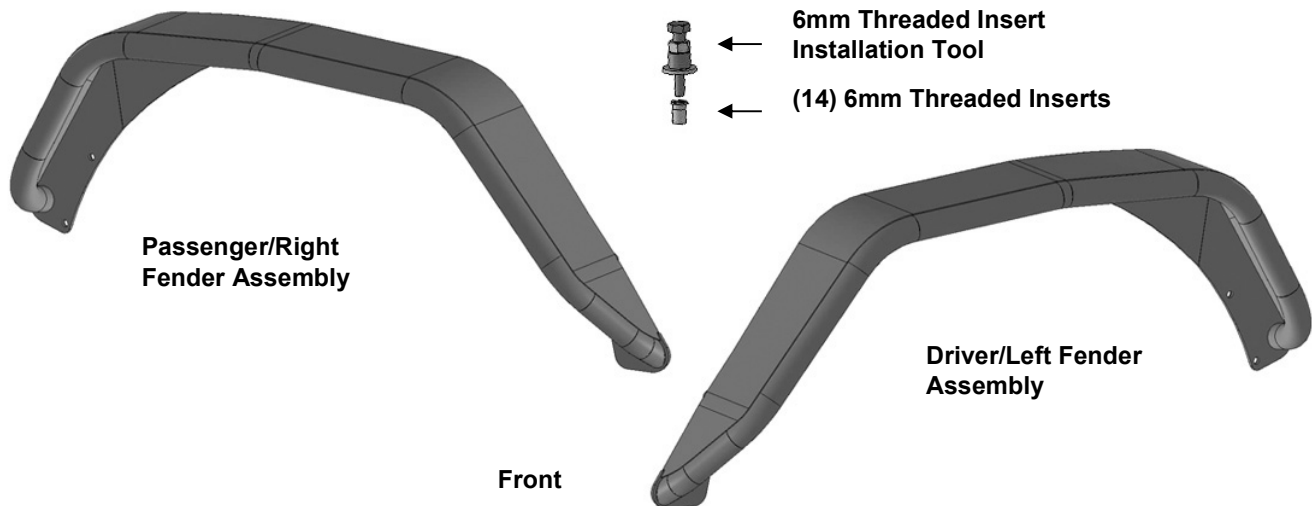
DO NOT OVER TORQUE. STANDARD OPERATING LOAD FOR TIGHTEN BODY MOUNT NUTS & BOLTS VARIES FROM 45 TO 65 FOOT POUND.



LIMITED 3-YEAR WARRANTY

### PARTS LIST:

Qty	Part Description	Qty	Part Description
1	Driver/Left Fender Assembly	20	6-1.0mm x 25mm Button Head Bolts
1	Passenger/Right Fender Assembly <b>Front</b>	20	6 x 12mm x 1.6mm Flat Washers
1	6mm Threaded Insert Tool	20	6mm Lock Washers
14	6mm Threaded Inserts	6	6mm Flange Nuts
		1	4mm Wrench



### PROCEDURE:

**REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY. CUTTING AND MODIFICATION IS REQUIRED TO REINSTALL THE PLASTIC FENDER LINER. DRILLING IS REQUIRED. ASSISTANCE IS RECOMMENDED.**

1. Start installation on the passenger/right side of the vehicle. Release the plastic clips and remove any hardware attaching the liner to the outer edge and underside of the fender and the body, **(Figure 1)**. Remove the inner fender liner.
2. Next, firmly pull the fender straight outward from the body to pop the clips from the mounting holes, **(Figure 2)**. Remove any clips left attached to the body panel and move the fender to a clean surface.
3. Select the passenger/right Formed Rear Fender. Carefully place the Fender up to the mounting location on the vehicle. Line up the holes in the Fender with the matching holes in the body to identify the correct mounting holes required for installation, **(Figures 3 & 4)**. Mark the (7) mounting holes requiring drilling

- (Figure 4). NOTE:** The last mounting hole in the Fender toward the rear of the vehicle does not line up with an existing hole in the vehicle and a hole will need to be drilled **(Figure 8)**.
4. Use an electric drill and 25/64" drill bit, (not included) to drill out the (7) mounting holes along the body **(Figure 4)**. **VERY IMPORTANT:** Only drill through the outer sheet metal to enlarge the holes for a Threaded Insert, **do not drill completely through the body**.
    - a. Select the 6mm Threaded Insert Installation Tool and (1) 6mm Threaded Insert, **(Figure 5-A)**.
    - b. Screw the Insert onto the threaded end of the Insert Tool, **(Figure 5-A)**.
    - c. Firmly hold the Tool and push the Insert into one of the previously drilled holes, **(Figure 5-B)**.
    - d. Insert should fit snug into the drilled hole. Lightly tap the Tool and Insert into the hole with a small hammer if necessary.
    - e. Firmly hold the hex nut on the Insert Tool in place with a wrench and turn the hex bolt clockwise to tighten the bolt and expand the Insert in the hole **(Figure 5-C)**.
    - f. Once Insert is fully compressed and expanded, remove the Tool from the Insert, **(Figure 6)**.  
**WARNING:** Do not overtighten Insert or damage to the Insert may result.
    - g. Repeat the previous Steps to install the remaining (6) Threaded Inserts, **(Figures 6—8)**.
  5. With assistance, hold the Fender up in position. Attach the Fender to the previously installed (7) Threaded Inserts with the included (7) 6mm Button Head Bolts, (7) 6mm Lock Washers and (7) 6mm Flat Washers, **(Figures 9—11)**. Do not tighten hardware at this time.
  6. Next, attach the Fender to the (3) remaining mounting locations with access to the back of the outer body panel. Attach the Fender to the (3) locations, (2 at the top, 1 toward the rear), with the included (3) 6mm Button Head Bolts, (3) 6mm Lock Washers, (3) 6mm Flat Washers and (3) 6mm Flange Hex Nuts, **(Figures 9—11)**. Do not tighten hardware at this time.
  7. With the fender in place, determine if plastic fender liner will be reinstalled.
    - a. Slide fender liner into position.
    - b. Trim the outer section from the liner. **NOTE:** Actual amount to remove from liner to be determined by installer. Leave as many mounting points on the plastic liner as possible.
    - c. Reinstall modified plastic fender liner if desired.
  8. Adjust the position of the Fender and fully tighten all hardware.
  9. Repeat **Steps 1—8** for driver/left side Tube Fender installation, **(Figures 12 & 13)**.
  10. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

### Passenger/right Side Installation Pictured

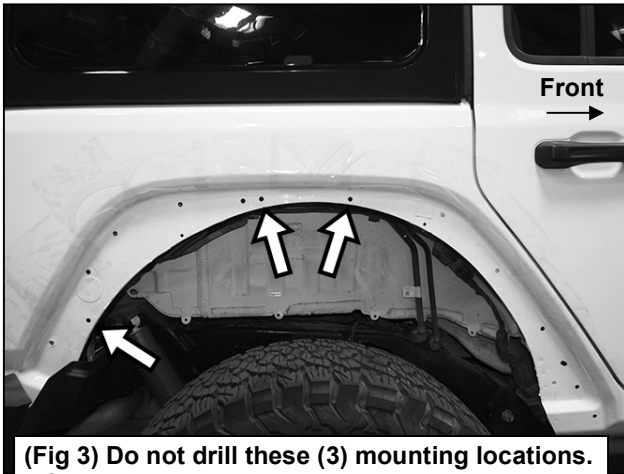


**(Fig 1) Release clips and all hardware attaching inner fender liner to outer fender**



**(Fig 2) Firmly pull fender straight out from vehicle. Remove any clips still attached to body**

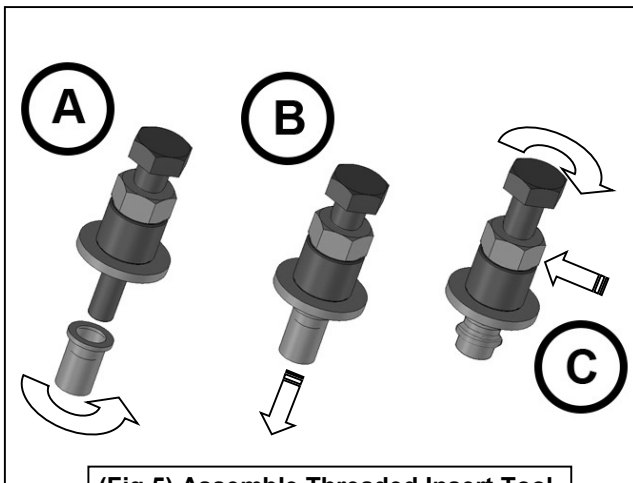
Passenger/right Side Installation Pictured



(Fig 3) Do not drill these (3) mounting locations. NOTE: The (3) mounting locations can be accessed from between body panels



(Fig 4) Drill 25/64 hole in body panel at (7) locations (arrows). NOTE: These locations are not accessible from back of body panel

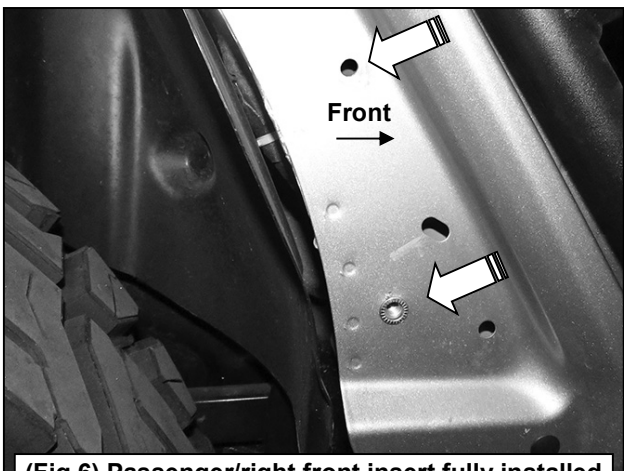


(Fig 5) Assemble Threaded Insert Tool

(5-A) Select Insert Tool and (1) Insert. Thread Insert onto end of Insert Tool. Hand tighten only, do not tighten hex bolt

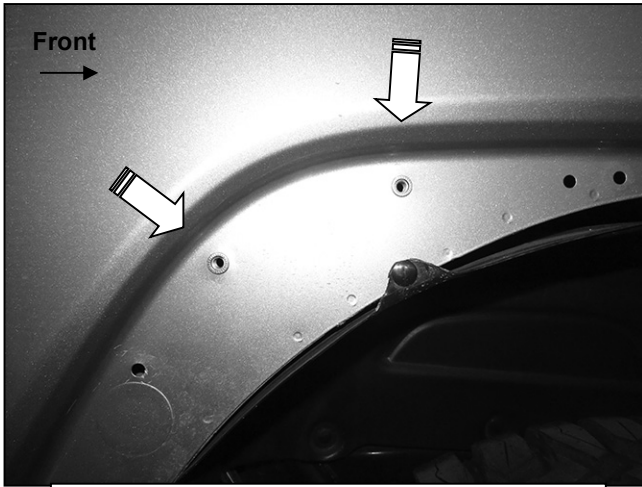
(5-B) Firmly hold assembly and push Insert into drilled hole.

(5-C) Use a wrench (open or box end) to hold nut (arrow) to prevent nut and tool from turning. Hold Tool Assembly up tight in body panel. Turn hex bolt in Tool clockwise to expand insert in body panel. Remove Tool once Insert is fully tightened. Do not overtighten or Insert may be damaged. Repeat steps for all Insert installations

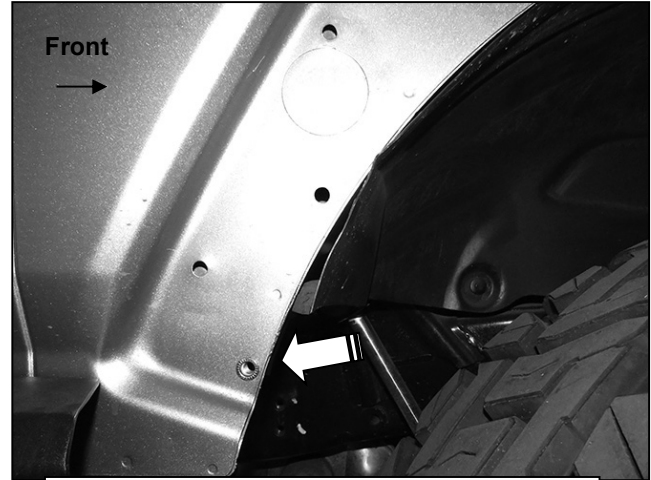


(Fig 6) Passenger/right front insert fully installed (lower arrow) and next to drill (upper arrow)

### Passenger/right Side Installation Pictured

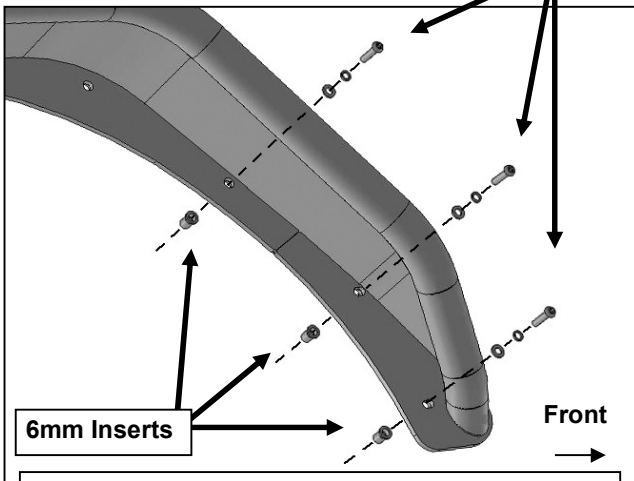


(Fig 7) Passenger/right rear-top mounting locations (arrows) with inserts fully installed



(Fig 8) Passenger/right rear mounting locations (arrows) with inserts fully installed

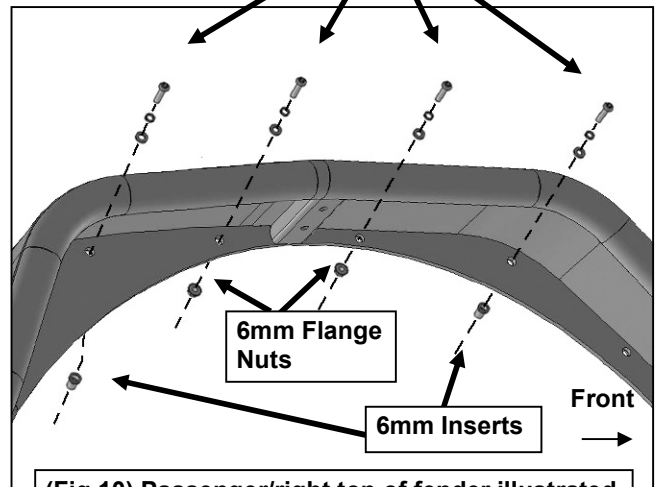
6mm x 25mm Button Head Bolt  
6mm Lock Washer  
6mm Flat Washer



6mm Inserts

(Fig 9) Passenger/right front of fender illustrated

6mm x 25mm Button Head Bolt  
6mm Lock Washer  
6mm Flat Washer

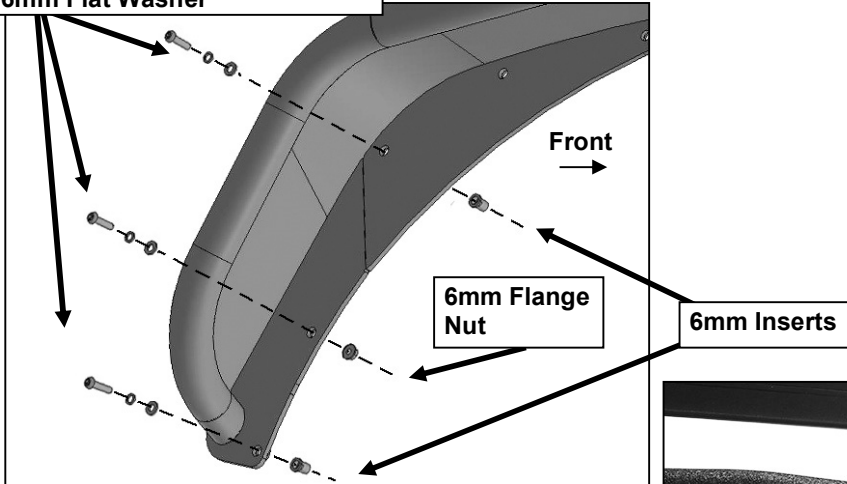


6mm Flange Nuts

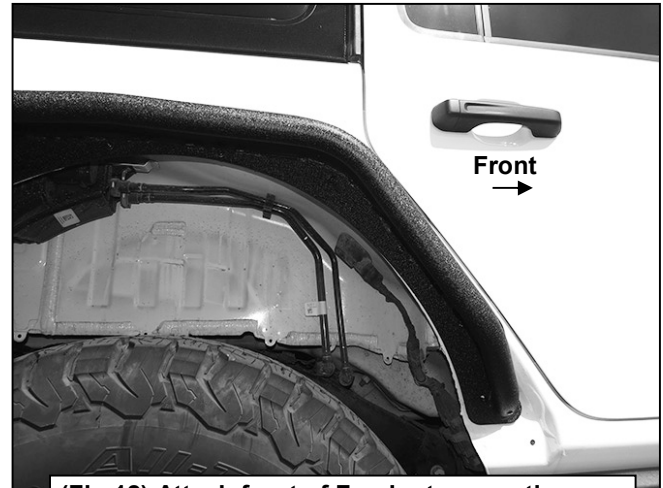
6mm Inserts

(Fig 10) Passenger/right top of fender illustrated

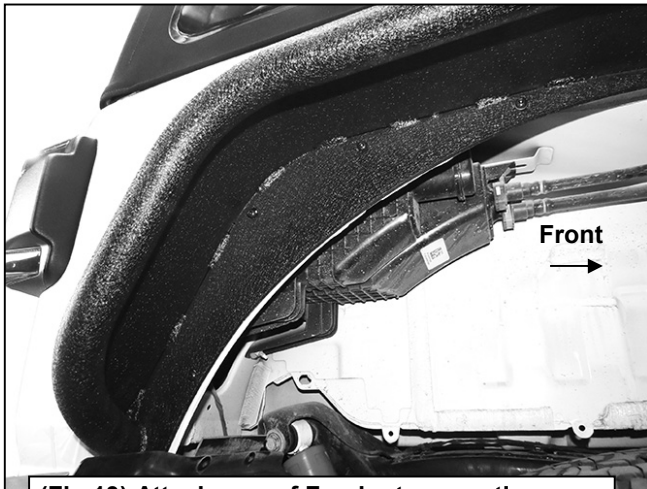
6mm x 25mm Button Head Bolt  
6mm Lock Washer  
6mm Flat Washer



(Fig 11) Passenger/right rear of fender illustrated



(Fig 12) Attach front of Fender to mounting locations on body, (pass/right Fender pictured)



(Fig 13) Attach rear of Fender to mounting locations on body, (pass/right Fender pictured)



**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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