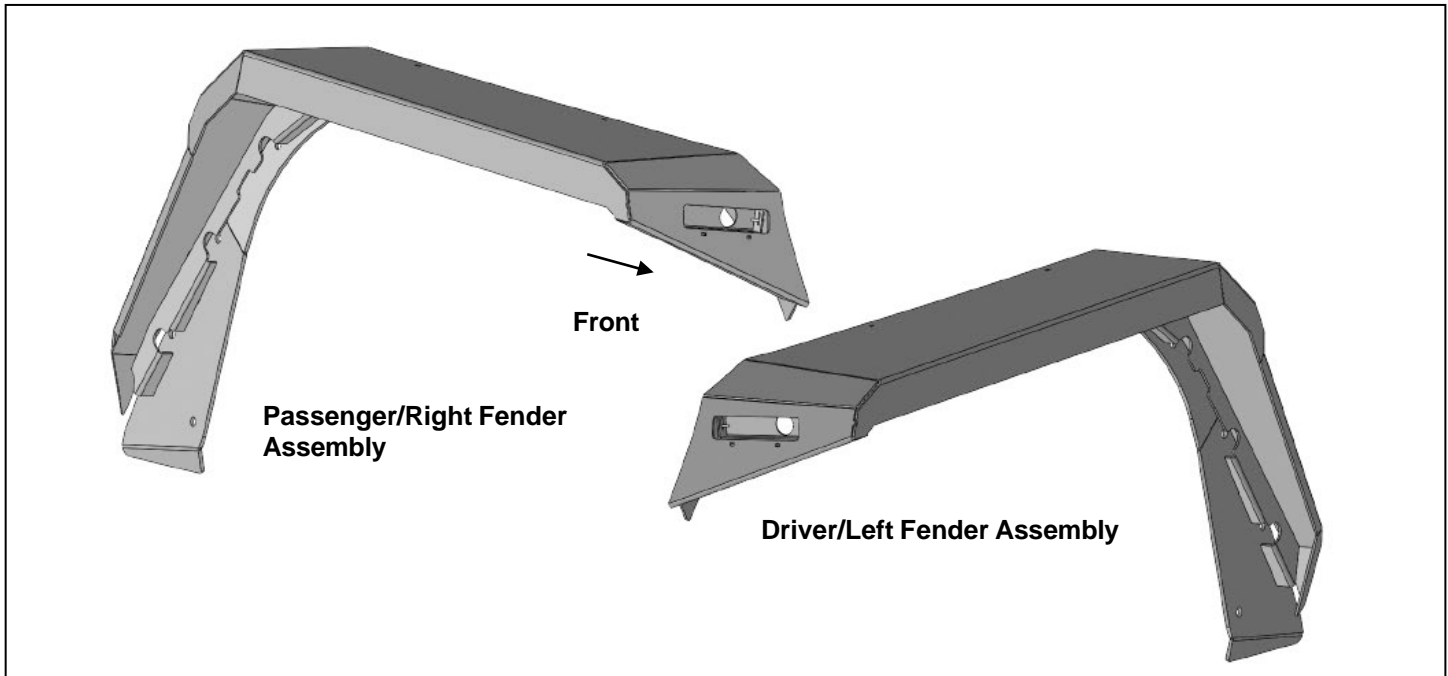


## 2018-2023 Jeep Wrangler JL and Gladiator JT Front Fender Flares PART #JL-6102

### PARTS LIST:

1	Driver/Left Fender Flare	16	8-1.25mm x 25mm Button Head Bolts
1	Passenger/Right Fender Flare	2	8mm x 28mm OD x 3mm Flat Washers
2	52mm Spacer Tubes	24	8mm x 16mm OD x 1.6mm Flat Washers
2	40mm Spacer Tubes	20	8mm Lock Washers
2	4mm Spacer Washers	6	8mm Hex Nuts
2	Rubber Trims	6	8mm Flange Nuts
2	8-1.25mm x 120mm Button Head Bolts	8	8mm Nut Plates
2	8-1.25mm x 80mm Button Head Bolts	1	5mm Hex 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 Driver/Left side of the vehicle. Release the plastic clips attaching the liner to the outer edge of the fender and the body, **(Figure 1)**. Locate and remove the bolts attaching the fender liner at the front and top of the liner and remove the fender liner, **(Figure 2)**.
2. Unplug the wiring harness leading from the body to the fender.
3. Next, release the plastic clips attaching the fender to the body. Firmly pull the fender straight outward from the body to pop the clips from the mounting holes, **(Figure 3)**. **OPTION:** Use a pair of needle nose pliers to release the clips. Remove any clips left attached to the body panel and remove the fender.
4. Locate the upper right mounting point directly under decorative plastic **(Figure 4)**. Using a 11/32" drill bit, carefully mark and drill straight through the outer and inner sheet metal. Repaint drilled area to prevent rust and corrosion. A 40mm Spacer Tube will be inserted here when mounting the Fender.
5. Locate the lower mounting point. Carefully mark and drill through the outer and inner sheet metal using a 11/32" drill bit and reapply paint as necessary **(Figure 5)**. A 52mm Spacer Tube will be inserted here.

6. Select the Driver/Left Front Fender. Carefully place the Fender on the (2) upper mounting tabs and front tab. Select (2) 8mm Nut Plates, Slide the Nut Plates into the channels on the underside of the fender, **(Figure 6)**. Line up the threaded hole in the Nut Plates with the slot in the channels. Attach the Fender with Nut Plates to the support channels with (2) 8mm x 25mm Button Head Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers, **(Figure 6)**. Do not tighten hardware.
7. Next, attach the Fender to the mounting tab on the front of the body with (1) 8mm x 25mm Hex Bolt, (1) 8mm x 28mm Flat Washer, (1) 8mm x 16mm Flat Washer, (1) 8mm Lock Washer and (1) 8mm Hex Nut, **(Figure 7)**. Do not tighten hardware.
8. Attach the top of the Fender to the top of the wheel well with (2) 8mm x 25mm Button Head Bolts, (2) 8mm Lock Washers, (2) 8mm x 16mm Flat Washers and (2) 8mm Nuts Plates, **(Figure 8)**. Do not tighten hardware.
9. Attach the Fender to the last mounting hole on the top of the wheel well with (1) 8mm x 25mm Button Head Bolt, (1) 8mm Lock Washer, (1) 8mm x 16mm Flat Washer and (1) 8mm Flange Nut, **(Figure 9)**. Do not tighten hardware.
10. Attach the top rear Fender to the wheel well with (1) 8mm x 80mm Button Head Bolt, (2) 8mm x 16mm Flat Washers, (1) 40mm Spacer Tube, (1) 8mm Lock Washer and (1) 8mm Hex Nut, **(Figure 9)**. Do not tighten hardware.
11. Attach the Fender to the wheel well with (2) 8mm x 25mm Button Head Bolts, (2) 8mm Lock Washers, (2) 8mm x 16mm Flat Washers and (2) 8mm Flange Nuts, **(Figure 10)**. Do not tighten hardware.
12. Attach the Fender to the lowest mounting hole in the wheel well with (1) 8mm x 120mm Button Head Bolt, (2) 8mm x 16mm Flat Washers, (1) 4mm Spacer Washer, (1) 52mm Spacer Tube, (1) 8mm Lock Washer and (1) 8mm Hex Nut, **(Figure 10)**. Do not tighten hardware.
13. Determine if vehicle is equipped with standard light package or option LED light package.  
**Models with standard light package (Halogen bulbs/yellow lighting):**  
**\*Important: Resistor is required for standard light package**
  - a. Install resistor onto turn light, **(Figure 11)**.
  - b. Plug in connectors leading from the resistor **(Figure 12)**.
  - c. Zip tie or neatly tuck away extra connector to avoid loose wiring **(Figure 13 & 14)**.
  - d. Continue to **Step 14**.**Models with LED option light package:**
  - a. Resistor is not required for LED light package
  - b. Plug in main light connector to factory harness **(Figure 15)**
  - c. Zip tie or neatly tuck away extra connector to avoid loose wiring **(Figure 13 & 14)**.
  - d. Continue to **Step 14**.
14. With the fender in place, determine if plastic fender liner will be reinstalled. **NOTE:** Aluminum fender liners, (available separately), are highly recommended.
  - a. Slide plastic fender liner into position.
  - b. Trim the outer edge from the liner to match the Fender. **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 liner over wiring harness.
15. Adjust the position of the Fender and fully tighten all hardware.
16. Repeat **Steps 1—15** for Passenger/Right side Fender installation.
17. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

**To protect your investment**, do not use any type of polish or wax that may contain abrasives that could damage the finish. Mild soap may be used to clean the Fenders.

Driver/Left Side Installation Pictured



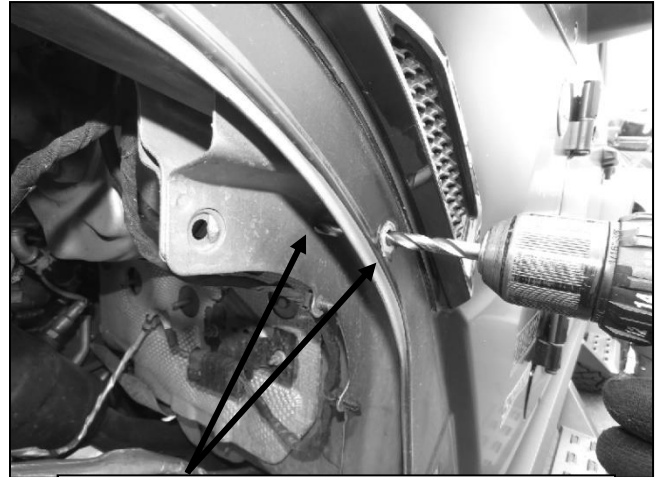
(Fig 1) Release clips attaching fender liner to outer fender



(Fig 2) Remove hardware attaching fender liner to front, top and back of fender (Passenger/Right side pictured)

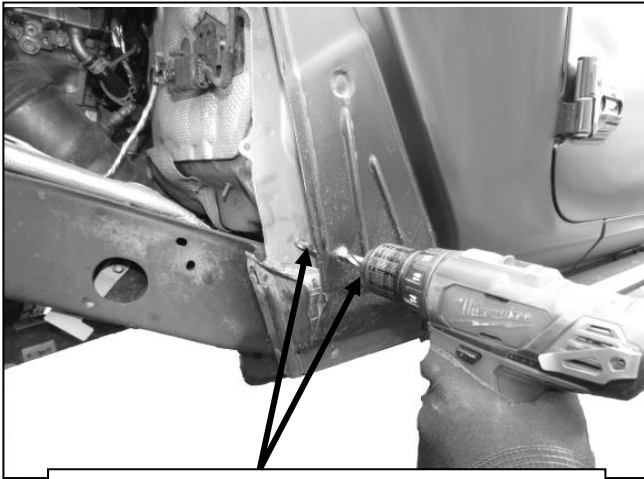


(Fig 3) Firmly pull fender straight out from vehicle



(Fig 4) Drill through the inner and outer sheet metal at upper mounting point.

Driver/Left Side Installation Pictured



(Fig 5) Drill through the inner and outer sheet metal at bottom mounting point.

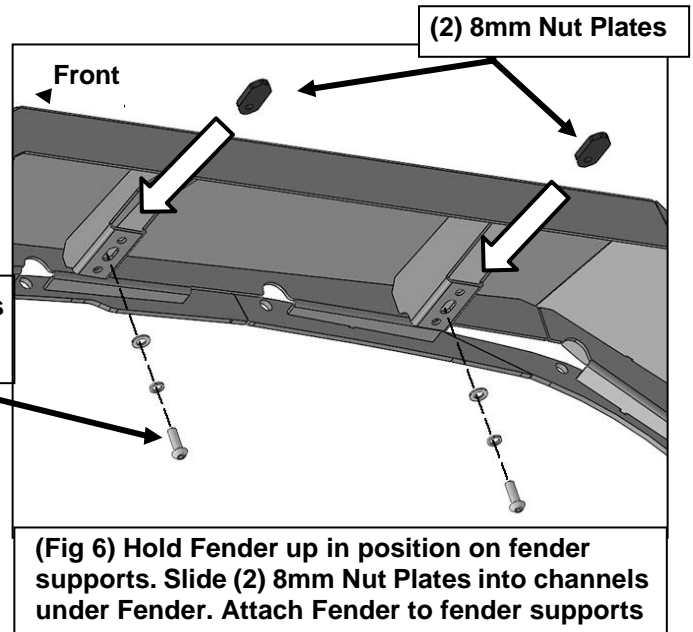


(40mm Spacer Tube will be inserted between upper outer and inner sheet metal when mounting Fender



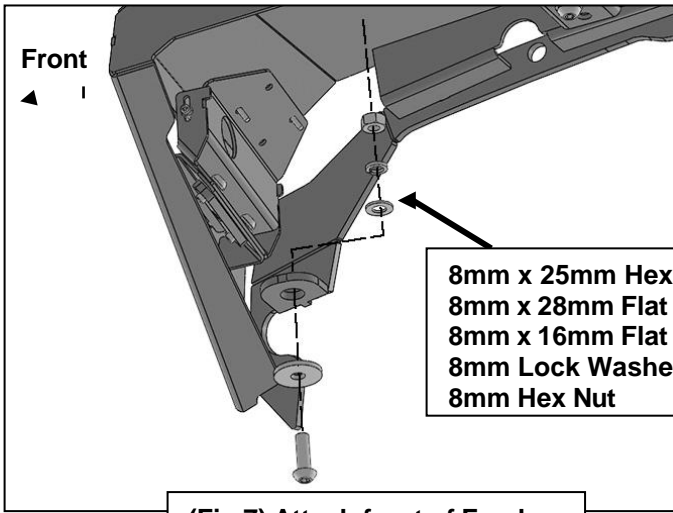
52mm Spacer Tube will be inserted between lower outer and inner sheet metal when mounting Fender

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

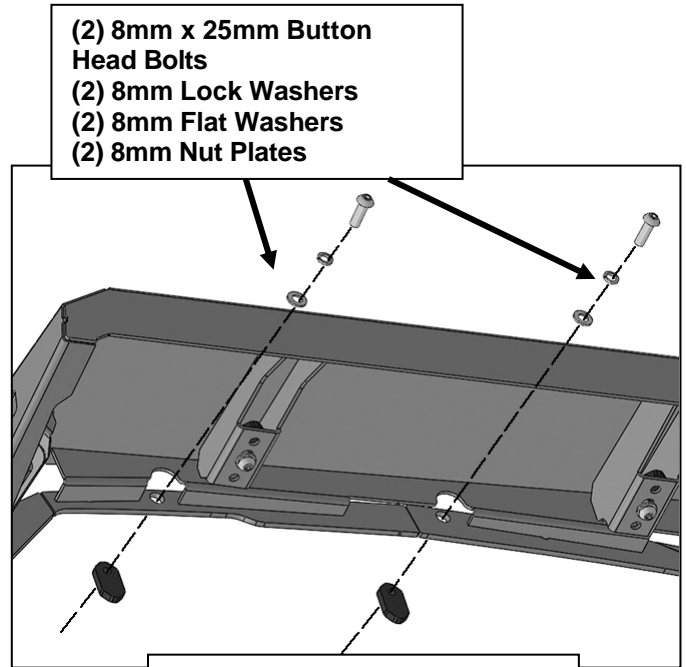


(Fig 6) Hold Fender up in position on fender supports. Slide (2) 8mm Nut Plates into channels under Fender. Attach Fender to fender supports

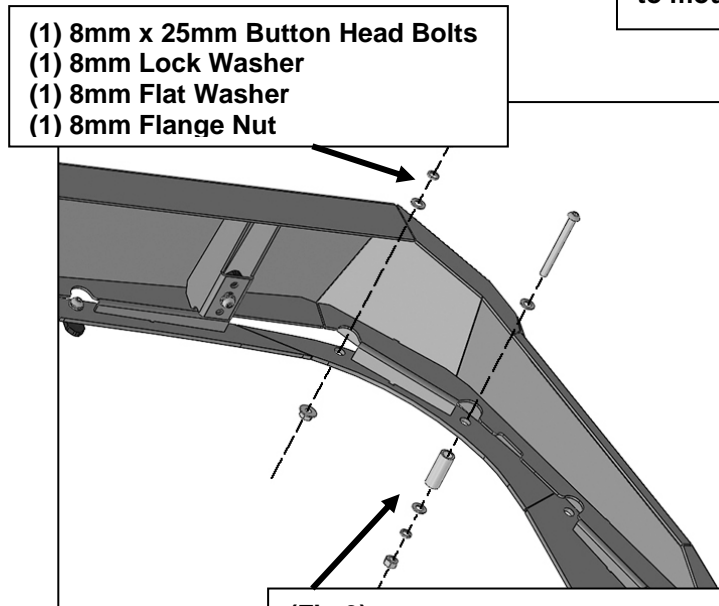
Driver/Left Side Installation Pictured



(Fig 7) Attach front of Fender to mounting tab on body



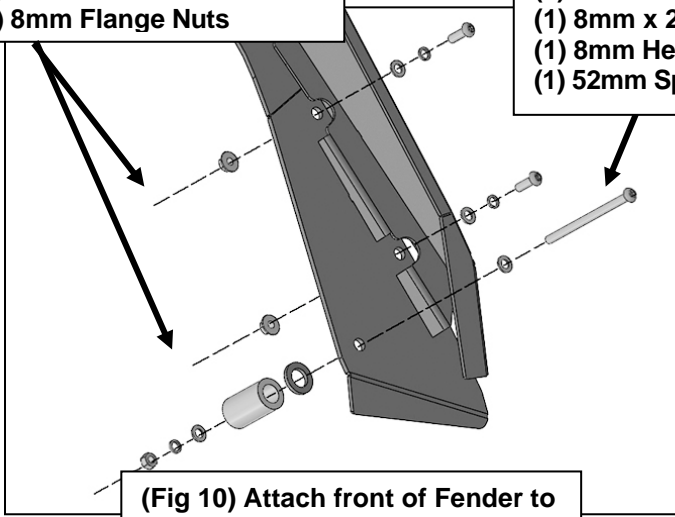
(Fig 8) Attach front of Fender to mounting locations



(Fig 9)  
 (1) 8mm x 80mm Button Head Bolts  
 (1) 8mm Lock Washer  
 (2) 8mm Flat Washer  
 (1) 8mm x 28mm Flat Washer  
 (1) 8mm Hex Nut  
 (1) 40mm Spacer Tube

- (2) 8mm Button Head Bolts
- (2) 8mm Lock Washers
- (2) 8mm Flat Washers
- (2) 8mm Flange Nuts

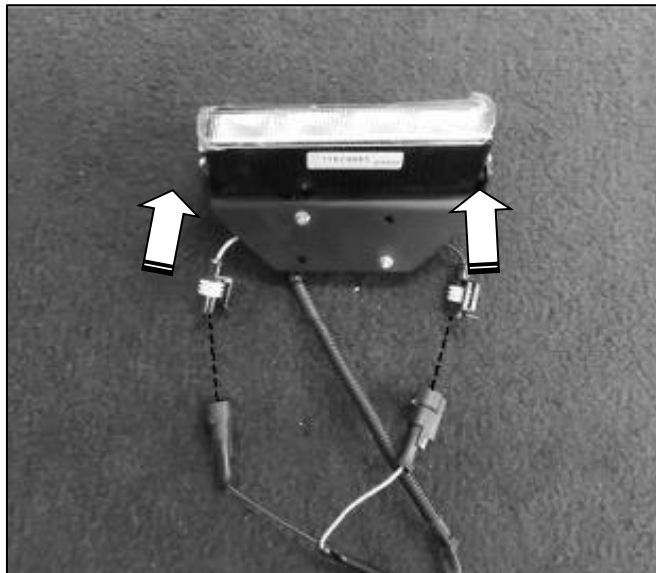
- (1) 8x120mm Button Head Bolt
- (1) 8mm Lock Washer
- (2) 8mm Flat Washers
- (1) 8mm x 28mm Flat Washer
- (1) 8mm Hex Nuts
- (1) 52mm Spacer Tube



**(Fig 10) Attach front of Fender to rear (3) mounting locations**



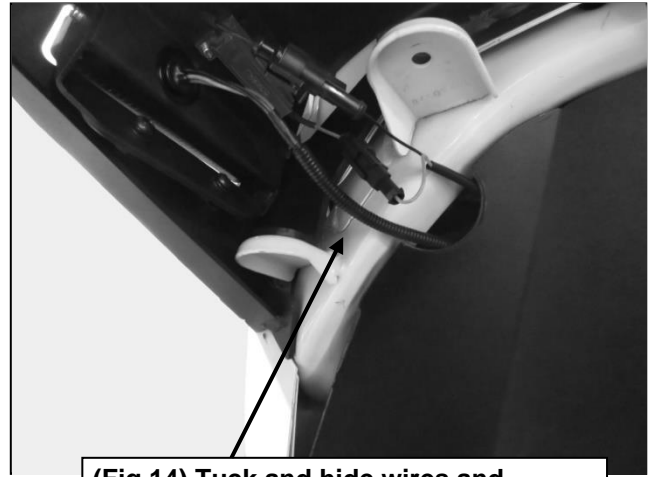
**(Fig 11) Models with Standard Light Package: Install resistor on the inside of the turn lights**



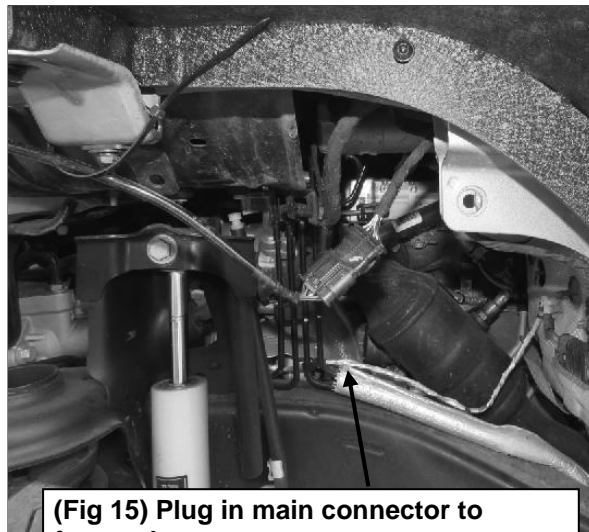
**(Fig 12) Models with Standard Light Package: Attach both connectors leading from the resistor.**



(Fig 13) Side Marker connector shown will not be used. Please zip tie or tuck neatly behind fender liner to prevent loose wires



(Fig 14) Tuck and hide wires and unused connectors behind fender liner



(Fig 15) Plug in main connector to factory harness