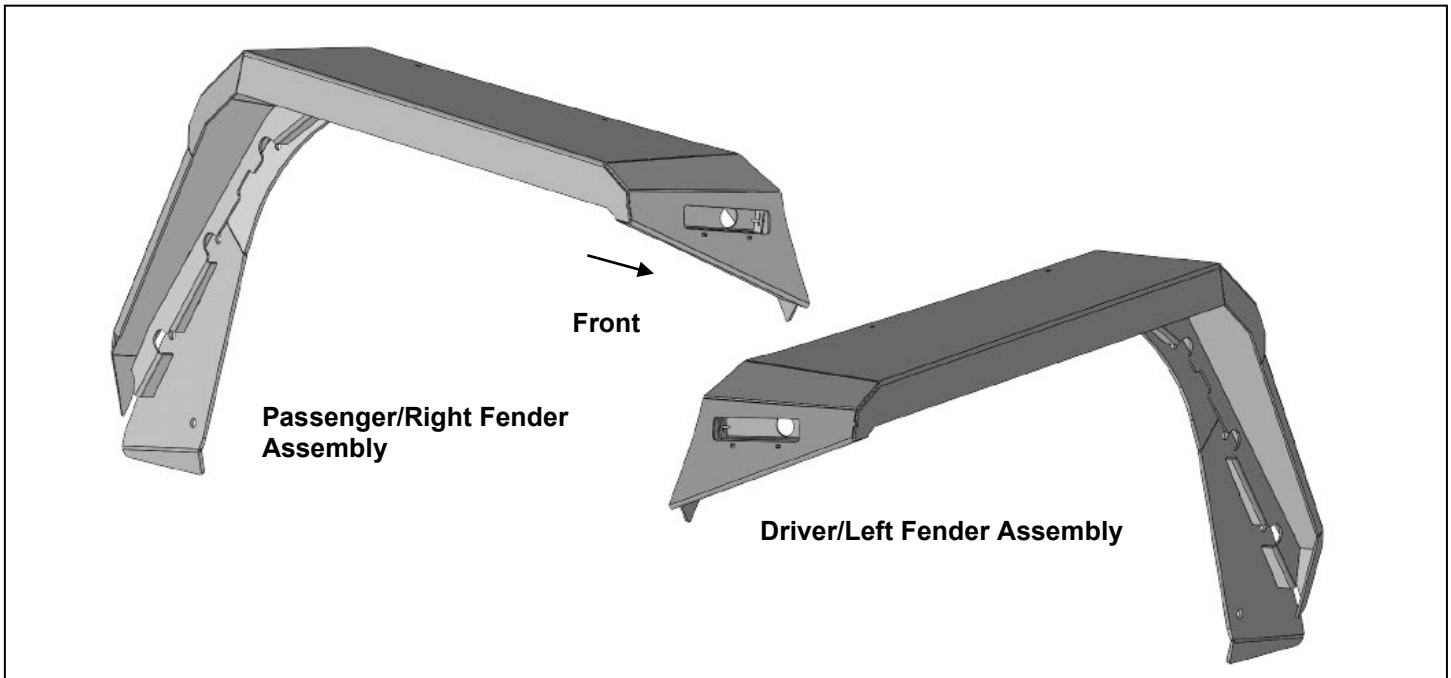


## 2019-2020 Jeep Wrangler JL and Gladiator JT Front Fender Flares PART #JL-6102

### 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	Side Marker Lights	6	8mm Flange Nuts
2	Rubber Trims	8	8mm Nut Plates
2	8-1.25mm x 120mm Button Head Bolts	1	5mm Hex Wrench
2	8-1.25mm x 80mm Button Head Bolts		



### 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. 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 4)**. 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 4)**. Do not tighten hardware.

5. 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 5)**. Do not tighten hardware.
6. 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 6)**. Do not tighten hardware.
7. 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 6)**. Do not tighten hardware.
8. 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 7)**. Do not tighten hardware.
9. 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 8)**. Do not tighten hardware.
10. Attach the Fender to the lowest mounting hole int 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 8)**. Do not tighten hardware.
11. Determine if vehicle is equipped with standard light package or option LED light package.

**Models with standard light package:**

- a. Plug Fender wiring harness into main harness and skip to **Step 12**.

**Models with LED option light package:**

- a. Unplug wires leading into and out of the resister, **(Figures 9A & 9B)**. Resister is not required for LED light package.
  - b. Seal open plugs on wiring harness with electrical tape.
12. 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.
13. Adjust the position of the Fender and fully tighten all hardware.
14. Repeat **Steps 1—13** for Passenger/Right side Fender installation.
15. 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



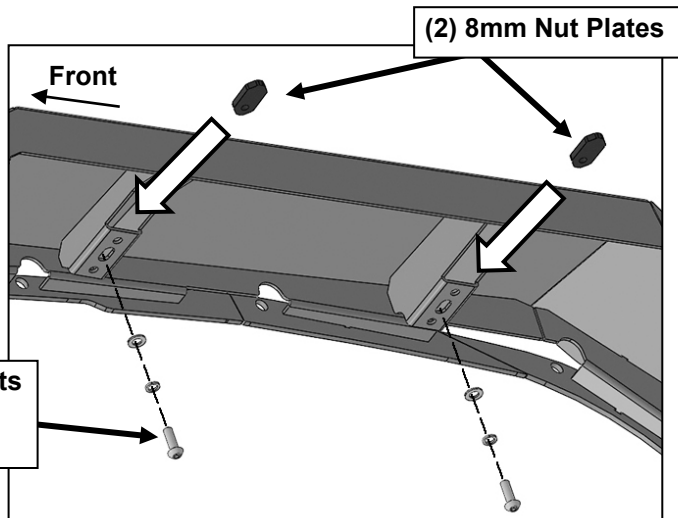
(Fig 1) Release clips attaching fender liner to outer fender



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



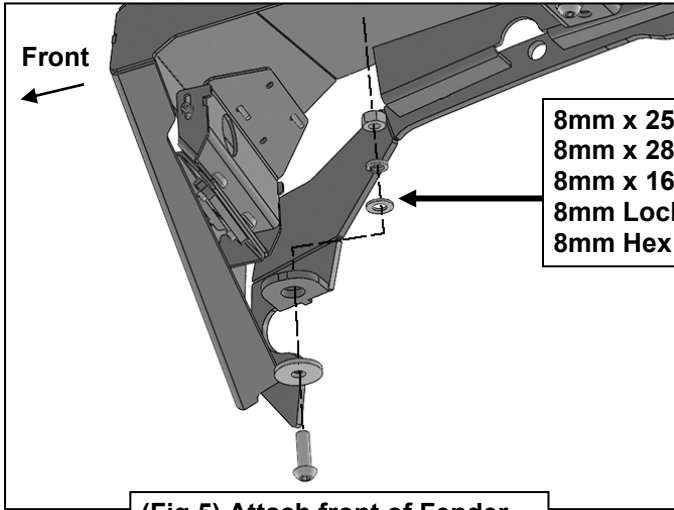
(Fig 3) Firmly pull fender straight out from vehicle



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

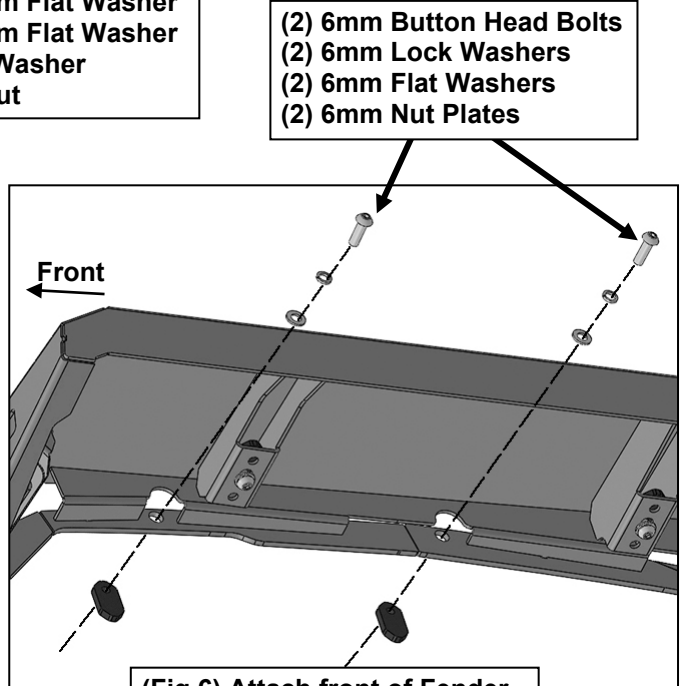
(Fig 4) Hold Fender up in position on fender supports. Slide (2) 8mm Nut Plates into channels under Fender. Attach Fender to fender supports

Driver/Left Side Installation Pictured



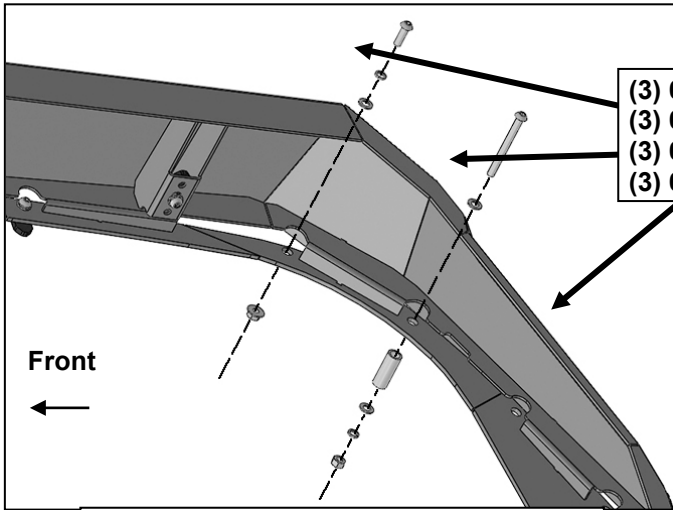
- 8mm x 25mm Hex Bolt
- 8mm x 28mm Flat Washer
- 8mm x 16mm Flat Washer
- 8mm Lock Washer
- 8mm Hex Nut

(Fig 5) Attach front of Fender to mounting tab on body



- (2) 6mm Button Head Bolts
- (2) 6mm Lock Washers
- (2) 6mm Flat Washers
- (2) 6mm Nut Plates

(Fig 6) Attach front of Fender to front (3) mounting locations

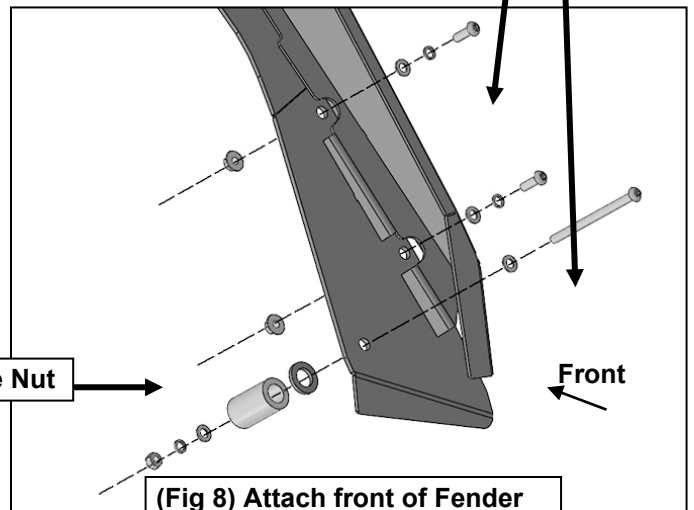


- (3) 6mm Button Head Bolts
- (3) 6mm Lock Washers
- (3) 6mm Flat Washers
- (3) 6mm Flange Nuts

- (2) 6mm Button Head Bolts
- (2) 6mm Lock Washers
- (2) 6mm Flat Washers
- Into Threaded Inserts

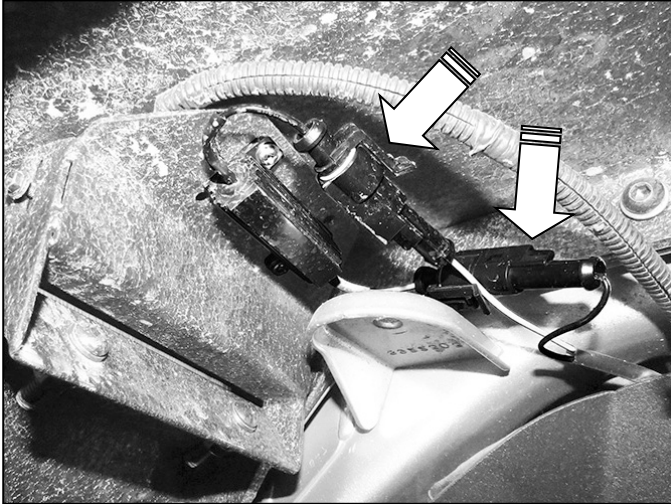
(Fig 7) Attach Fender to side of body

6mm Flange Nut

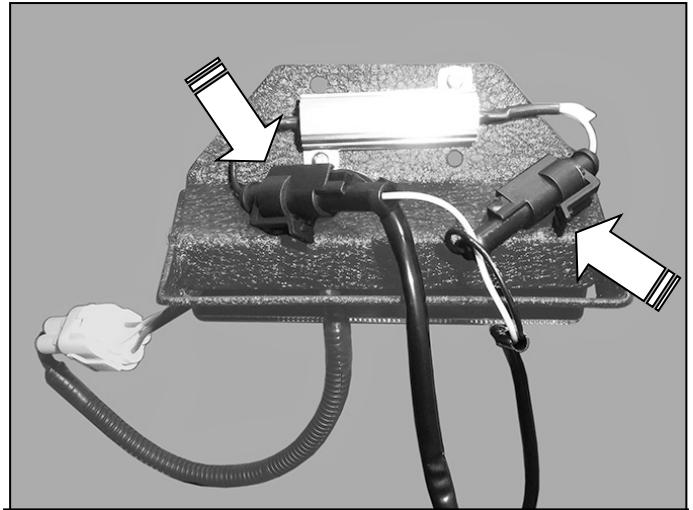


(Fig 8) Attach front of Fender to rear (3) mounting locations

Driver/Left Side Installation Pictured



(Fig 9A) Models with factory LED lighting package, unplug both connectors (arrows) leading to and from the resistor. Seal open connectors with waterproof tape or sealant (not included)



(Fig 9B) Models with factory LED lighting package, unplug both connectors (arrows) leading to and from the resistor. Seal open connectors on harness with waterproof tape or sealant (not included).  
**NOTE:** Light assembly removed for instruction purposes only-do not remove light (Fig 14A).