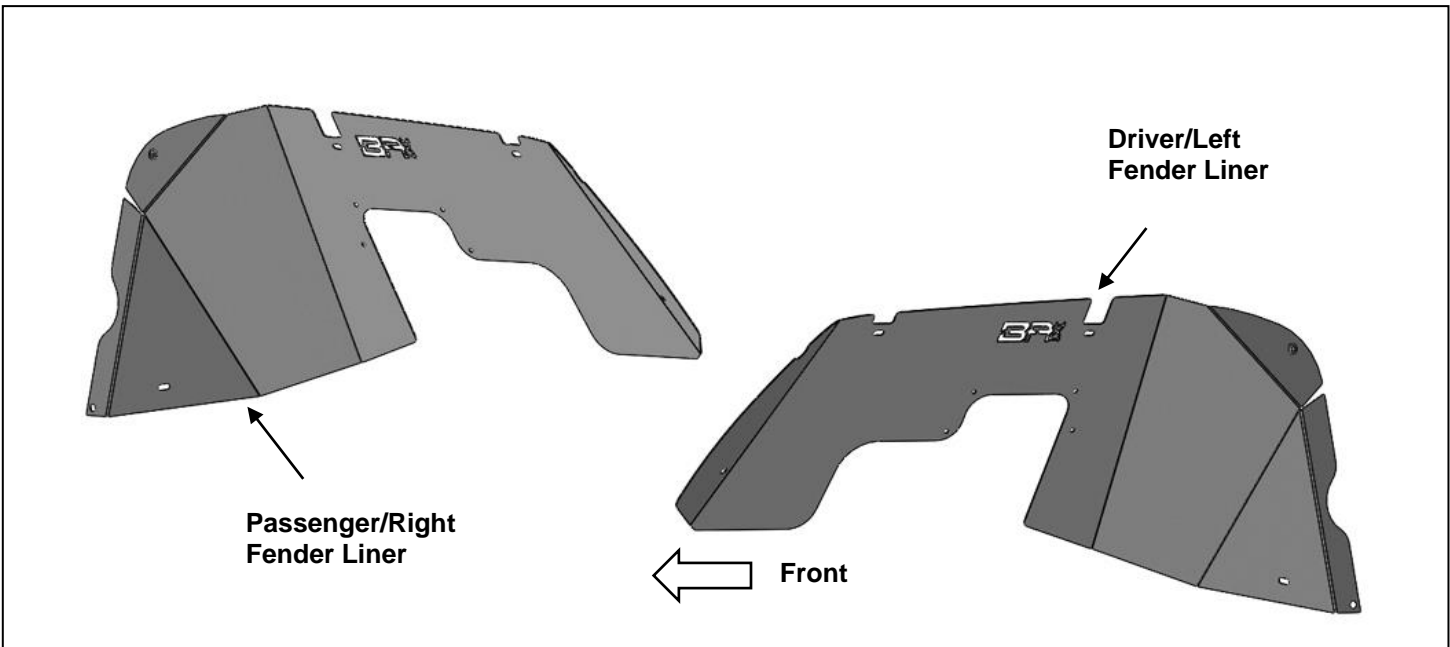


## 2019-2020 Jeep Wrangler JL and Gladiator JT Front Fender Liners PART #JL-6100

### PARTS LIST:

|    |                                      |    |                                    |
|----|--------------------------------------|----|------------------------------------|
| 1  | Driver/Left Fender Liner             | 4  | 6-1.0mm x 16mm Hex Bolts           |
| 1  | Passenger/Right Fender Liner         | 14 | 6mm x 18mm OD x 1.6mm Flat Washers |
| 1  | Driver/Left Lower Rear Z-Bracket     | 4  | 6mm x 12mm OD x 1.6mm Flat Washers |
| 1  | Passenger/Right Lower Rear Z-Bracket | 16 | 6mm Lock Washers                   |
| 2  | Lower Front U-Brackets               | 2  | 6-1.0mm Hex Nuts                   |
| 2  | Front Upper Short L-Brackets         | 4  | 6mm Flange Nuts                    |
| 2  | Rear Upper Long L-Brackets           | 2  | 6mm Clip Nuts                      |
| 2  | Cover Plates                         | 8  | 4-0.75mm x 10mm Button Head Bolts  |
| 4  | 8-1.25mm x 25mm Button Head Bolts    | 16 | 4mm x 9mm OD x 0.80mm Flat Washers |
| 4  | 8mm x 16mm OD x 1.6mm Flat Washers   | 8  | 4mm Nylon Lock Nuts                |
| 4  | 8mm Lock Washers                     | 1  | 4mm Hex Wrench                     |
| 2  | 8mm Flange Nuts                      | 1  | 2.5mm Hex Wrench                   |
| 12 | 6-1.0mm x 25mm Button Head Bolts     |    |                                    |



### PROCEDURE:

**REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY. ASSISTANCE IS RECOMMENDED.**

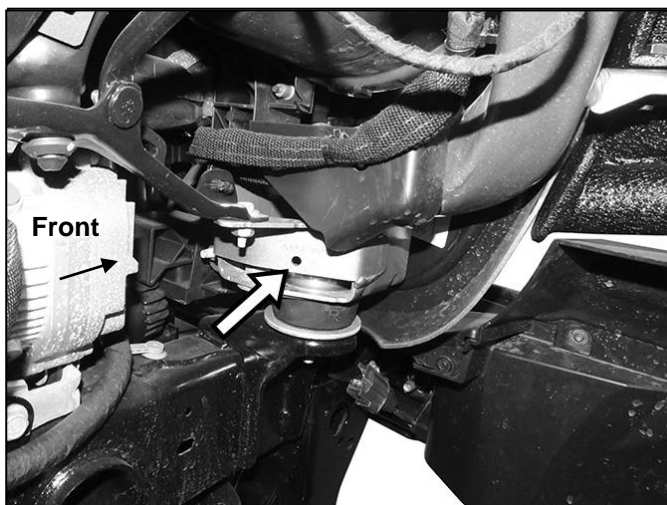
**OE Fender flare modification- See page 6**

1. Start installation on the Driver/Left side of the vehicle. Locate the front body mount, **(Figure 1)**. Slide (1) 6mm Clip Nut onto the steel mount. Line up the Nut with the rear facing hole in the side of the steel mount, **(Figures 1 & 2)**.
2. Select (1) Front Lower U-Bracket. Attach the Bracket to the Clip Nut with (1) 6mm Button Head Bolt, (1) 6mm Lock Washer and (1) 6mm x 18mm Flat Washer, **(Figures 2 & 3)**. Rotate the Bracket so that the Threaded Nut is facing outward. Do not tighten hardware.
3. **(OPTIONAL)**: Select (1) Cover Plate. Attach the Plate to the Driver/Left Fender Liner with (4) 4mm Button Head Bolts, (8) 4mm Flat Washers and (4) 4mm Nylon Lock Nuts, **(Figure 4)**.
4. Locate and remove the plastic cover on the lower rear of the wheel well, **(Figure 6)**

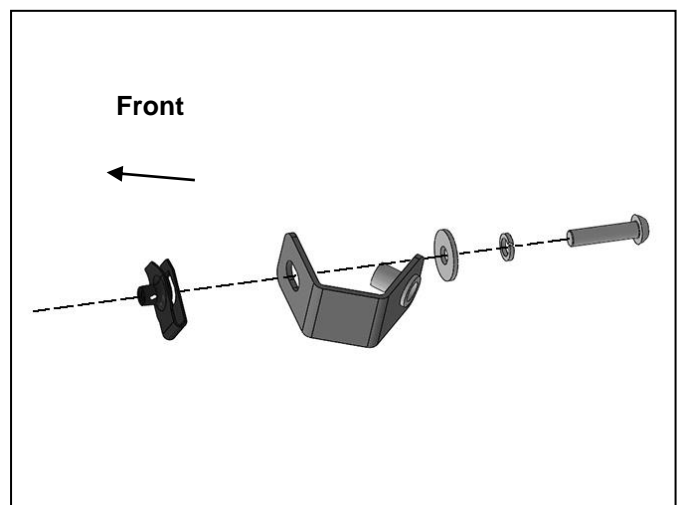
5. Next, locate the (2) fender braces attached to the side of the body panel, **(Figure 5)**.
  - a. Select (1) Short L-Bracket and (1) Long L-Bracket. Attach the brackets to the top of the Driver/Left Fender Liner with (2) 6mm Button head Bolts, (2) 6mm Lock Washers and (2) 6mm x 18mm Flat Washers, **(Figure 7)**. Do not tighten hardware. **NOTE:** The Short L-Bracket attaches to the front top of the Liner and the Long L-Bracket attaches to the rear top of the Liner.
  - b. Attach the L-Brackets to the fender braces with (2) 6mm Hex Bolts, (2) 6mm Lock Washers, (2) 6mm x 12mm Flat Washers and (2) 6mm Flange Nuts, **(Figures 8 & 9)**. Do not tighten hardware.
6. Attach the Driver/Left Fender Liner to the U-Bracket with (1) 6mm Button Head Bolt, (1) 6mm Lock Washer and (1) 6mm x 18mm Flat Washer, **(Figures 10 & 11)**. Do not tighten hardware.
7. Move to the rear of the wheel well.
  - a. Attach the threaded hole in the Driver/Left Fender Liner to the wheel well with (1) 8mm Button Head Bolt, (1) 8mm Lock Washer and (1) 8mm x 12mm Flat Washer, **(Figure 12)**. Do not tighten hardware.
  - b. Attach the lower outer hole in the Fender Liner to the wheel well with (1) 8mm Button Head Bolt, (1) 8mm Lock Washer, (1) 8mm Flat Washer and (1) 8mm Flange Nut, **(Figure 12)**. Do not tighten hardware.
  - c. Select the Driver/Left Lower Rear Z-Bracket. Attach the Bracket over the tab on the body with (1) 6mm Button Head Bolt, (2) 6mm x 18mm Flat Washers, (1) 6mm Lock washer and (1) 6mm Hex Nut, **(Figure 13)**. Do not tighten hardware.
  - d. Attach the Fender Liner to the Z-Bracket with (1) 6mm Button Head Bolt, (1) 6mm Lock Washer and (1) 6mm x 18mm Flat Washer, **(Figures 13 & 14)**. Do not tighten hardware.
8. Adjust the location of all Brackets and the Fender Liner then fully tighten first the mounting hardware for the Brackets, then tighten all hardware attaching the Fender Liner. **DO NOT** fully tighten Fender Liner hardware until after all Brackets have been adjusted and fully tightened.
9. Repeat **Steps 1—8** to attach the Passenger/Right Fender Liner.
10. 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 Fender Liners.

## Driver/Left Side Installation Pictured

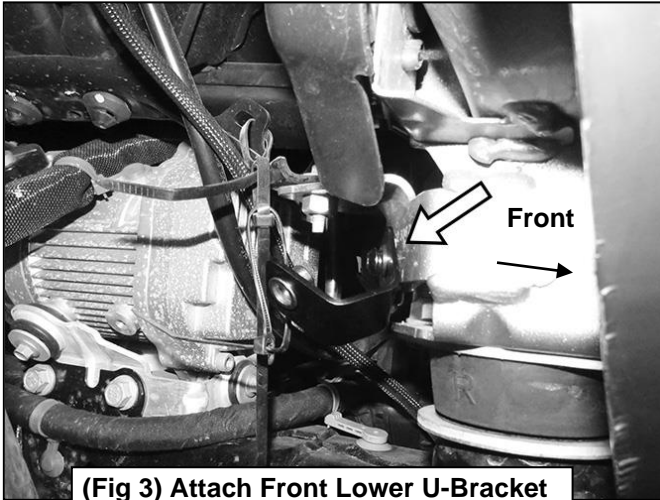


**(Fig 1) Locate mounting location on passenger/right front body mount (arrow)**



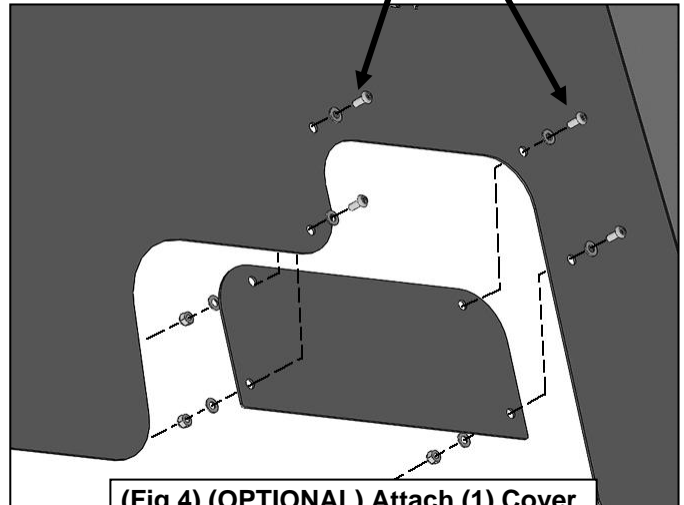
**(Fig 2) Slide Clip Nut over hole in body mount. Attach Front Lower U-Bracket to Clip Nut**

## Driver/Left Side Installation Pictured

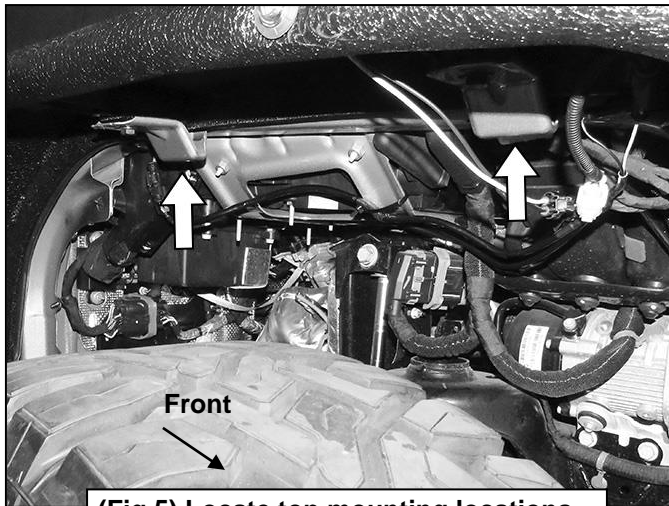


**(Fig 3) Attach Front Lower U-Bracket to Clip Nut with (1) 6mm Combo Bolt (arrow) (Passenger/Right side shown)**

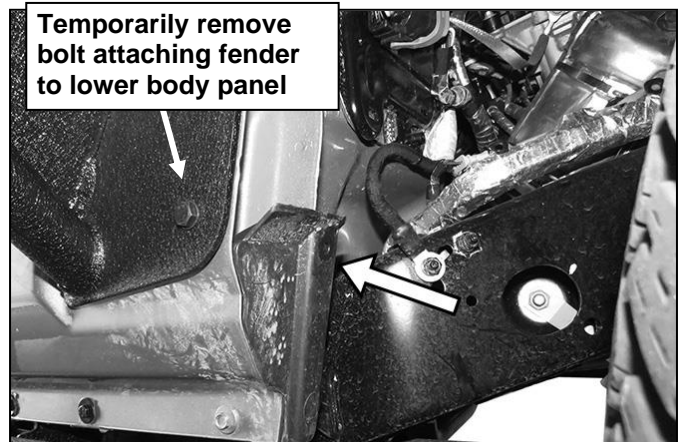
- (4) 4mm Button Head Bolts
- (8) 4mm Flat Washers
- (4) 4mm Nylon Lock Nuts



**(Fig 4) (OPTIONAL) Attach (1) Cover Plate to the Driver/Left Fender Liner**



**(Fig 5) Locate top mounting locations on bottom of fender supports (arrows) (Passenger/Right side shown)**

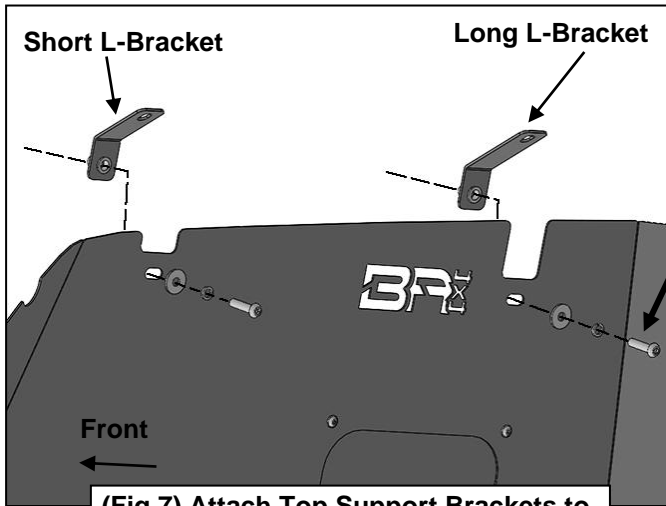


Temporarily remove bolt attaching fender to lower body panel

**(Fig 6) Passenger/Right mounting location for Rear Z-Bracket. Remove plastic cover if desired. Bracket attaches to top mounting tab for cover**



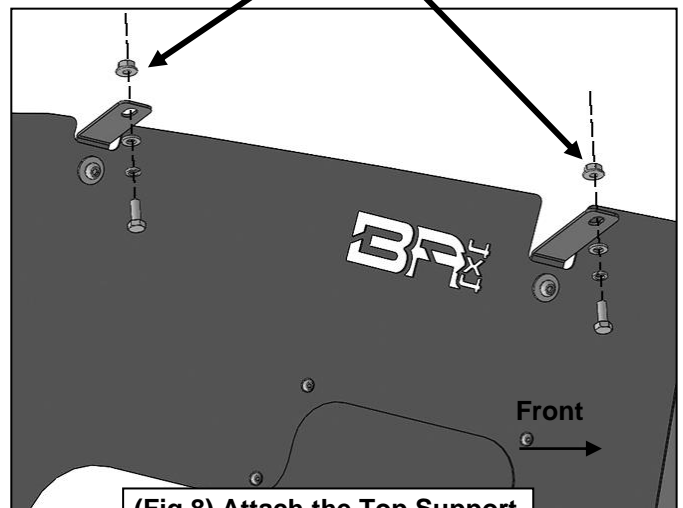
**Driver/Left Side Installation Pictured**



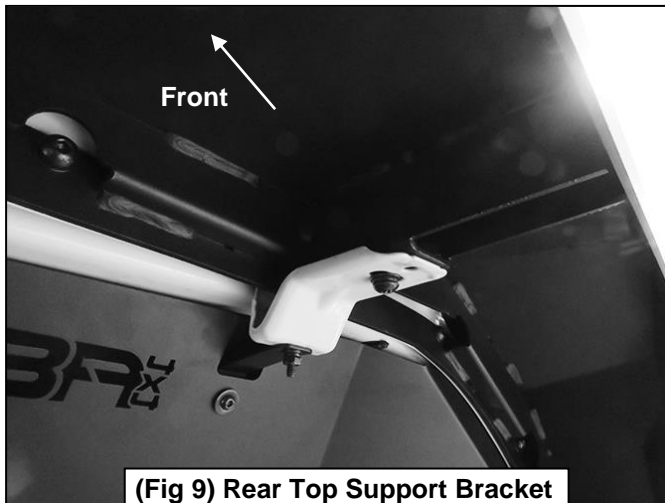
**(Fig 7) Attach Top Support Brackets to the top of the Driver/Left Fender Liner**

- (2) 6mm Button Head Bolts
- (2) 6mm Lock Washers
- (2) 6mm x 18mm Flat Washers

- 6mm Hex Bolt
- 6mm Lock Washer
- 6mm x 12mm Flat Washer
- 6mm Flange Nut

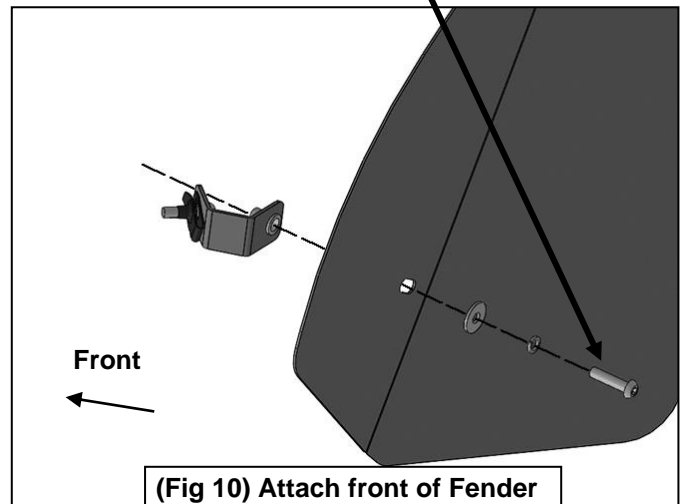


**(Fig 8) Attach the Top Support Brackets to the fender braces**



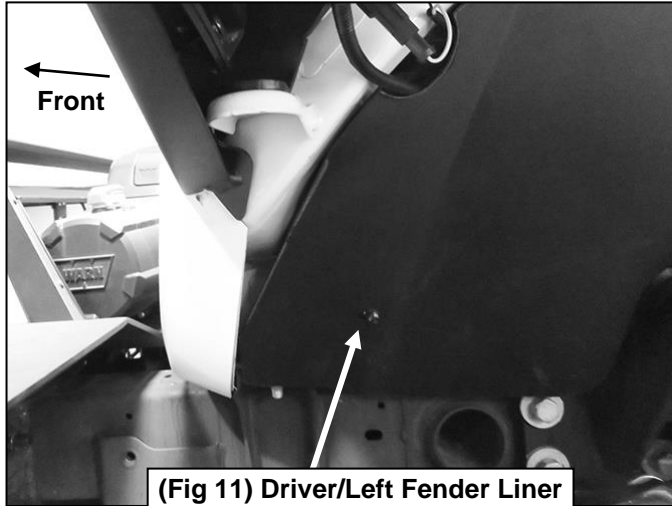
**(Fig 9) Rear Top Support Bracket attached to the rear fender brace**

- 6mm Button Head Bolt
- 6mm Lock Washer
- 6mm x 18mm Flat Washer

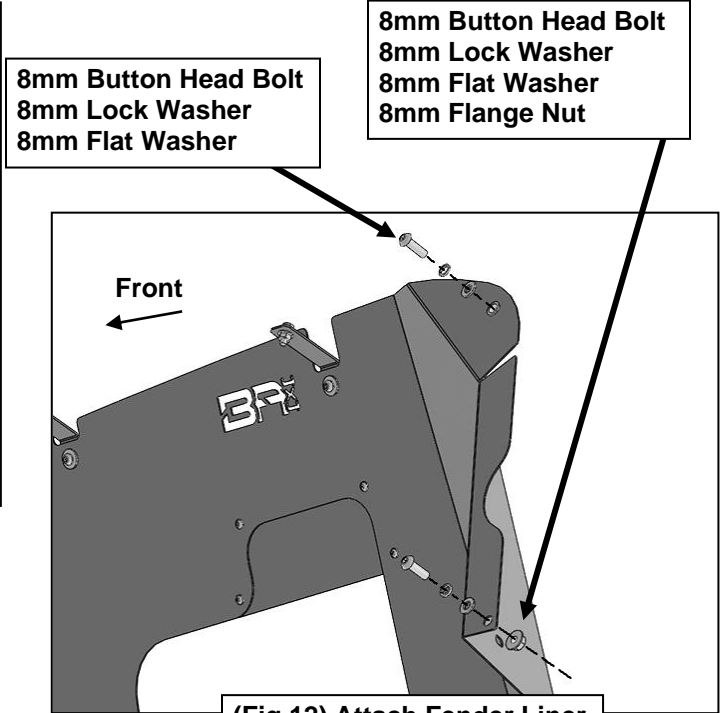


**(Fig 10) Attach front of Fender Liner to Front Lower U-Bracket**

**Driver/Left Side Installation Pictured**

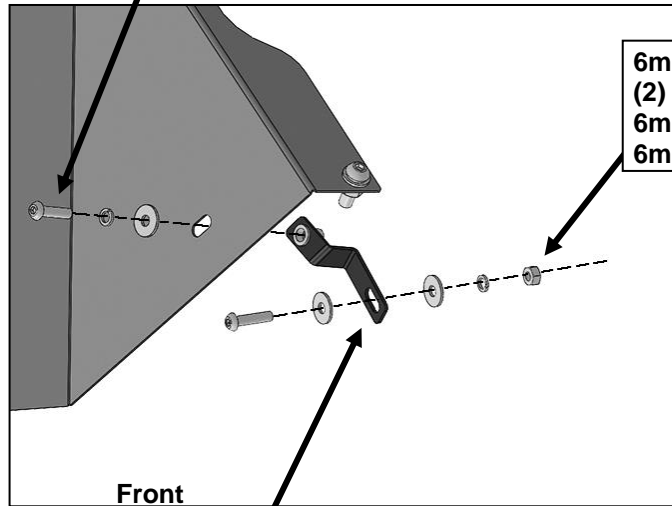


**(Fig 11) Driver/Left Fender Liner attached to the U-Bracket**

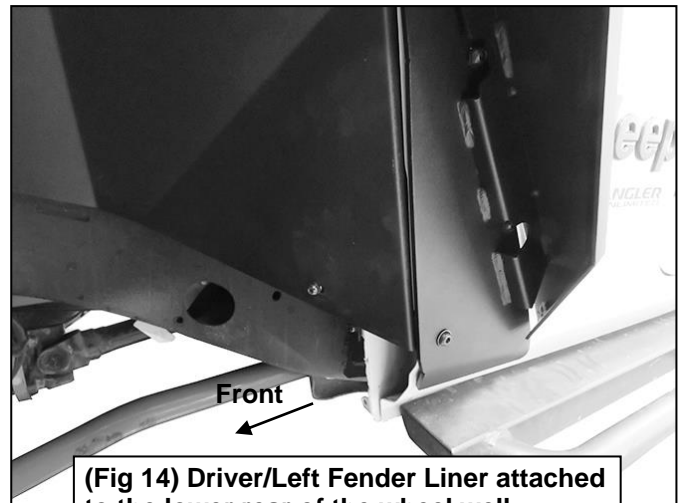


**(Fig 12) Attach Fender Liner to back of the wheel well**

6mm Button Head Bolt  
6mm Lock Washer  
6mm x 18mm Flat Washer



**(Fig 13) Attach rear of Liner to the lower rear of the wheel well with the Driver/Left Z-Bracket**



**(Fig 14) Driver/Left Fender Liner attached to the lower rear of the wheel well**

## Installation of liners to OE fender flares

1. Take the inner fender liners off exposing the two plastic clips on the top side of the fender flare (Marked in red)



2. Remove the clips and drill in a hole on the mounting portion of plastic

3. Source out your own hardware (Bolt, washer and nylock nut)

4. Use to secure the fender liner support brackets to the factory flare using the hardware you sourced (Circled in blue)

