

# Front Armor Fender Flares Installation Instructions

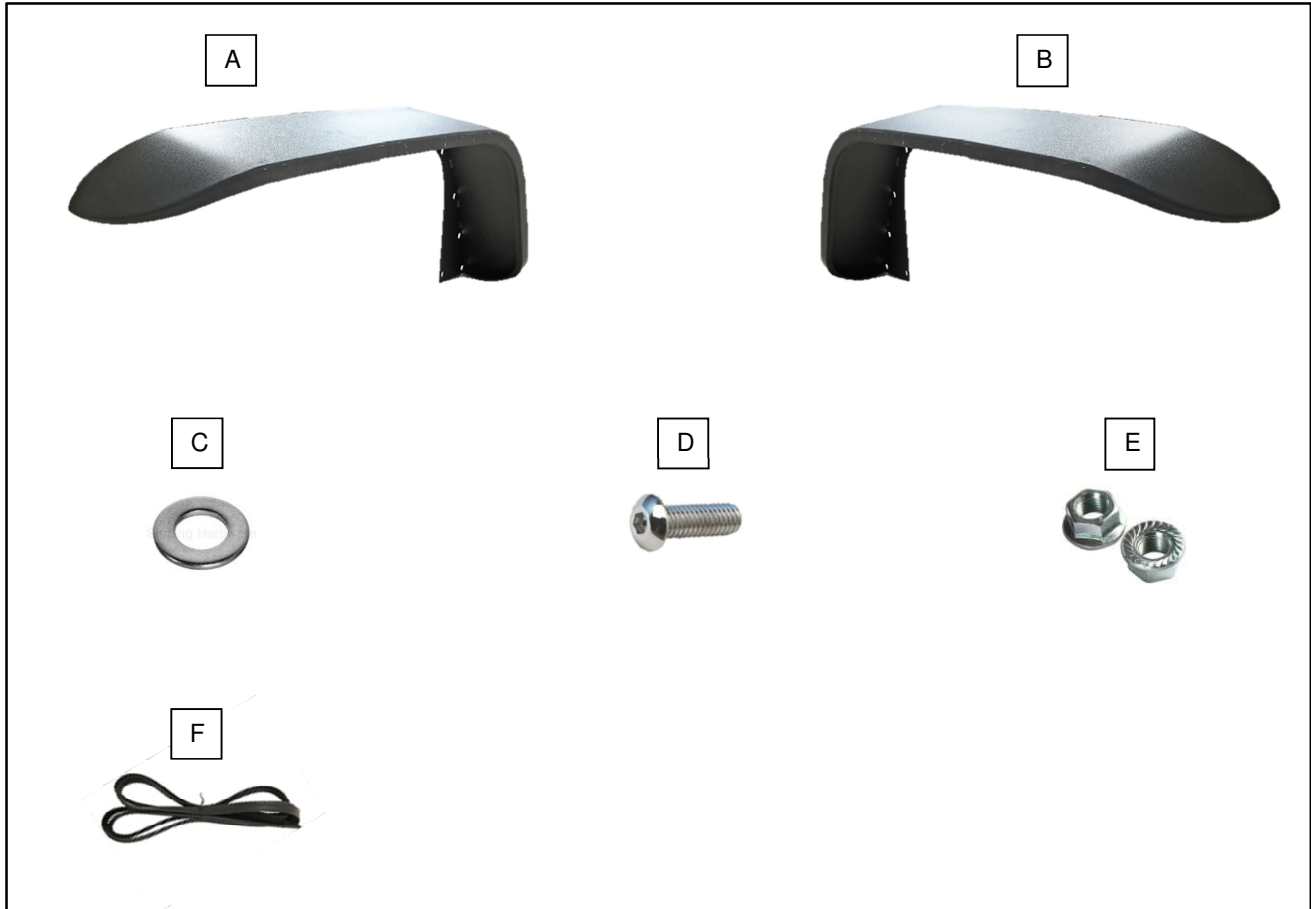
**PART NUMBER J130929**  
**FITS Jeep Wrangler JL**  
**18-19**

## KEY TO COMPONENTS

- A. 1 ea. Driver front fender flare
- B. 1 ea. Passenger front fender flare
- C. 18 ea. M8 flat washer
- D. 18 ea. M8x1.25x20mm button head bolt
- E. 18 ea. M8x1.25 flange nut
- F. 1 ea. Rubber trim

## TOOLS NEEDED

- Ratchet
- 8mm socket
- 6mm socket
- 10mm socket
- 13mm socket
- 17mm wrench
- 5/32 allen wrench
- 7/32 allen wrench
- Clip removal tool



Please take a few minutes to read and thoroughly familiarize yourself with the installation procedures outlined in this manual. Following the steps as outlined will save you time and help reduce mistakes. Once the instructions are reviewed, if you feel that you are not capable of safely installing the parts seek the help of a qualified installation expert to help you complete the job. The manufacturer is in no way responsible for any personal injury or vehicle damage that may occur during the installation.

### **California Proposition 65 Warning!**

**This product may contain one or more chemical known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**

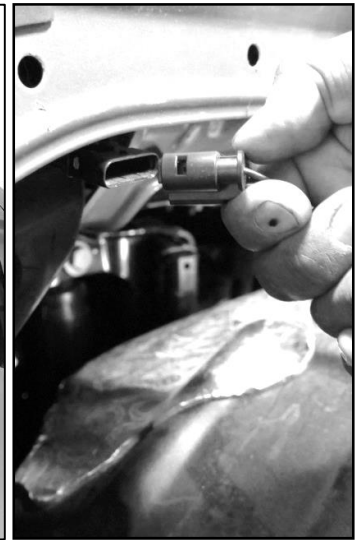
## FRONT FACTORY FLARE REMOVAL



Step 1.  
Using a 7mm socket locate and remove 5 hex head bolt securing the factory flare into position.



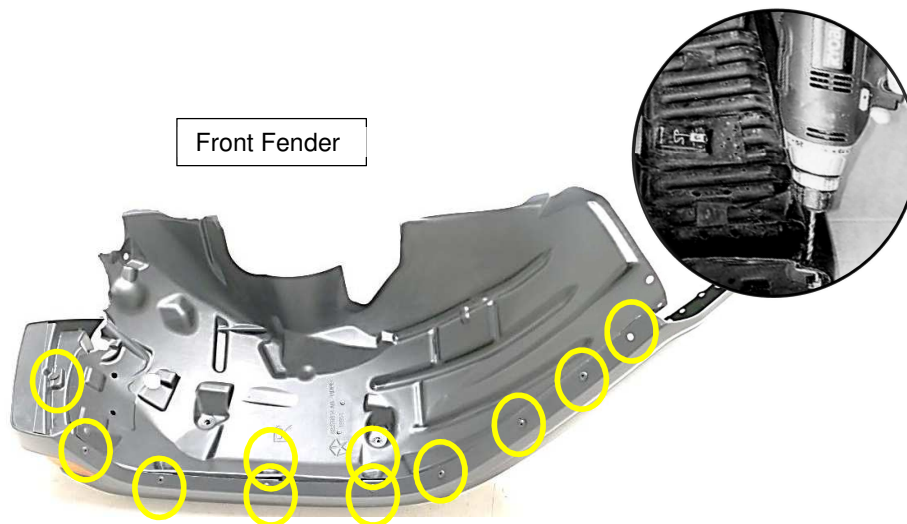
Step 2.  
Take hold of the front part of the flare and firmly pull up to release the hidden factory mounting clips as shown above. Move to the center of the flare then rear of the flare pulling firmly up and back. You will hear a clicking sound as the clips are released as shown above. Repeat steps 1-4 above for other side.



Step 3.  
Disconnect turn signal harness by firmly pressing down on the Mate-n- lock plug.

## OPTIONAL: FRONT FACTORY WHEEL-WELL LINER

**NOTE:** *If you wish to re-install the wheel well liner follow the steps below otherwise skip this section.*



### Step 1

Using a 5/16" drill bit drill off the 8 plastic push-rivets along the front edge of the fender. Remove any plastic clips using a clip removal tool or pliers. Separate the inner-liner from the flare and plastic bracket. Keep the liner. Discard the flare and plastic bracket. Repeat for other flares



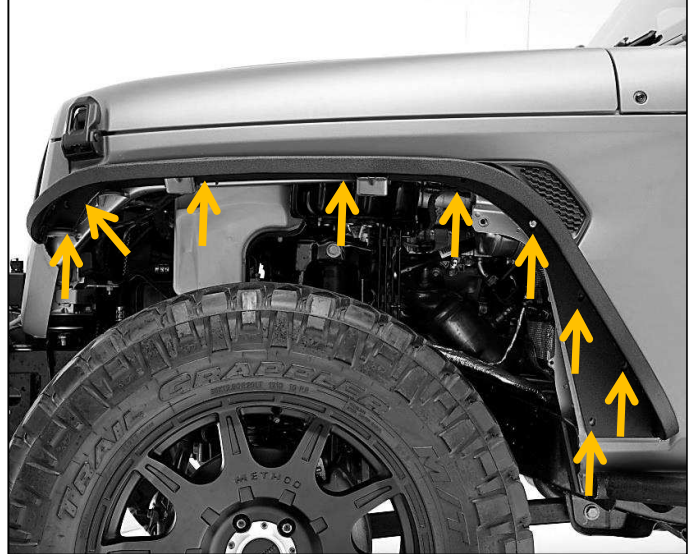
### Step 2

Place the liner back in the Jeep wheel well. Using the edge of the fender as a guide draw lines along the perimeter of the liner with a white china marker. With large plastic cutting sheers or grinding wheel cut along the plastic following your guide lines. Set aside trimmed liner for use after flares have been installed as shown above. Place trimmed liner back in the Jeep wheel well. Line up the holes in the liner with the holes in the fender. Using factory hardware re-install the liner. Repeat process for remaining liners.

## INSTALLING FRONT FENDER



**Step 1.**  
Locate and place supplied driver fender flare (A) onto jeep as shown. Line up the fender flare holes with the jeep holes.



**Step 2.**  
Place supplied M8x1.25x20mm button head bolt (D) with supplied M8 flat washer (C) through the hole in the fender and through the holes on the vehicle fender. Start a supplied M8x1.25 flange nut (E) at the end of bolt. **Do not tighten bolts at this time.**



**Step 3.**  
Locate the rubber lining provided. Starting at one end of the flare press it in between the fender and the frame of the vehicle. Note: You may need to notch the rubber liner around the mounting bolts to properly install the liner. Continue pressing the trim into place until you reach the end of the flare then trim as needed. With rubber lining in place tighten down all bolts. Repeat step 1-3 for other side front fender



This completes the installation process.

### KEY TO COMPONENTS

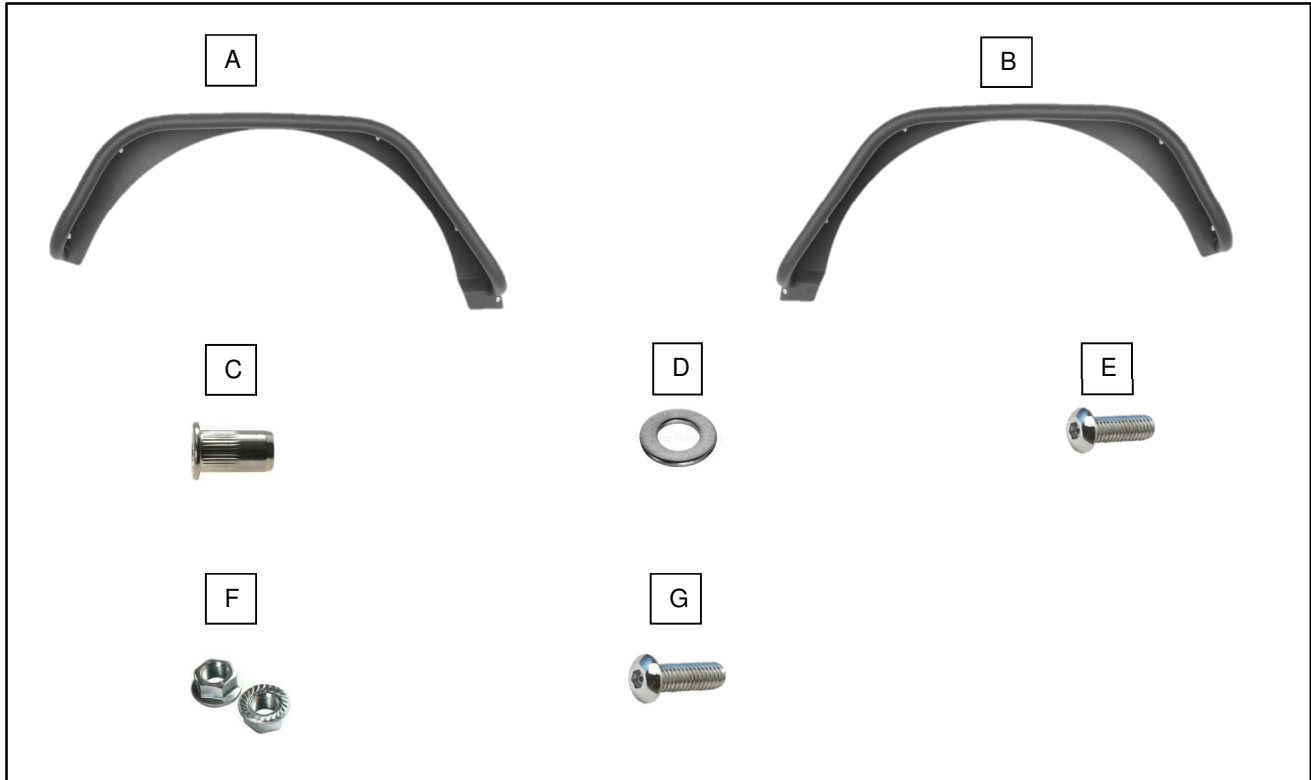
- A. 1 ea. Driver rear fender flare
- B. 1 ea. Passenger rear fender flare
- C. 10 ea. Nutserts M6x1.0
- D. 14 ea. M8 flat washer
- E. 10 ea. M6x1.0x25mm Button head bolt
- F. 4 ea. M8x1.25 Flange nuts
- G. 4 ea. Button Head Bolts M8x1.25x20mm

### TOOLS NEEDED

- Ratchet
- 8mm socket
- 6mm socket
- 10mm socket
- 13mm socket
- 17mm wrench
- 5/32 allen wrench
- 7/32 allen wrench
- Clip removal tool

## Rear Armor Fender Flares Installation Instructions

**PART NUMBER J130930**  
**FITS Jeep Wrangler JL**  
**18-19**



Please take a few minutes to read and thoroughly familiarize yourself with the installation procedures outlined in this manual. Following the steps as outlined will save you time and help reduce mistakes. Once the instructions are reviewed, if you feel that you are not capable of safely installing the parts seek the help of a qualified installation expert to help you complete the job. The manufacture is in no way responsible for any personal injury or vehicle damage that may occur during the installation.

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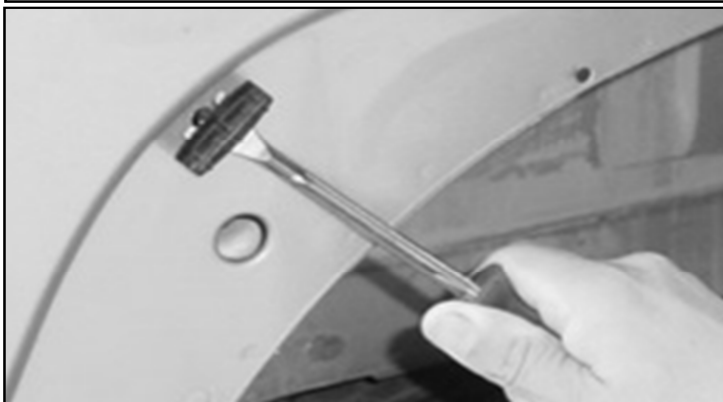
## REAR FACTORY FLARE REMOVAL



Step 1.  
Remove 7 Christmas tree plastic clips using a clip removal tool or similar tool. (NOTE: set aside factory hardware and flares if you intent to reinstall the factory wheel well liner.)



Step 2.  
With all fasteners removed firmly take hold of the front lower edge of the flare and Pull up to release the mounting clips. You will hear a clicking sound as the clips are released. Continue to work your way towards the center then rear of the flare pulling firmly up and back on the flare as you go as shown above.



Step 3.  
Using a pry tool or pliers, remove any remaining factory mounting clips. Discard factory mounting clips. Repeat steps 1-3 above for other side.



Step 4  
Thoroughly clean the fender to remove any accumulated dirt or debris.

## OPTIONAL: FRONT FACTORY WHEEL-WELL LINER

**NOTE:** *If you wish to re-install the wheel well liner follow the steps below otherwise skip this section.*

Rear Fender



### Step 1

Using a 5/16" drill bit drill off the 8 plastic push-rivets along the front edge of the fender. Remove any plastic clips using a clip removal tool or pliers. Separate the inner-liner from the flare and plastic bracket. Keep the liner. Discard the flare and plastic bracket. Repeat for other flares



### Step 2

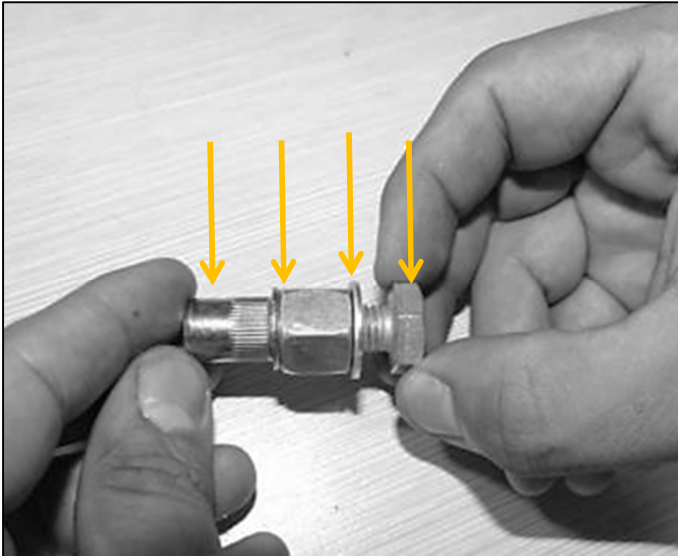
Place the liner back in the Jeep wheel well. Using the edge of the fender as a guide draw lines along the perimeter of the liner with a white china marker. With large plastic cutting sheers or grinding wheel cut along the plastic following your guide lines. Set aside trimmed liner for use after flares have been installed as shown above. Place trimmed liner back in the Jeep wheel well. Line up the holes in the liner with the holes in the fender. Using factory hardware re-install the liner. Repeat process for remaining liners.

## INSTALLING REAR FLARES



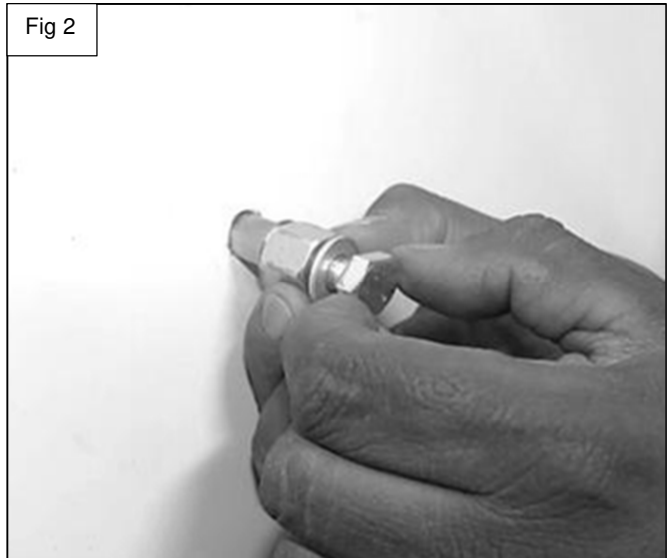
Step 1.  
Locate and install supplied M6x1.0 nutserts (C) into the indicated holes shown using a nutsert tool (refer to using the nutsert tool section below.)

## USING THE NUTSERT TOOL



Step 1.  
Assemble nutsert tool as shown supplied M6x1.0x40mm hex head bolt with supplied flat washer with supplied spacer and into supplied M6 nutsert.

Fig 2

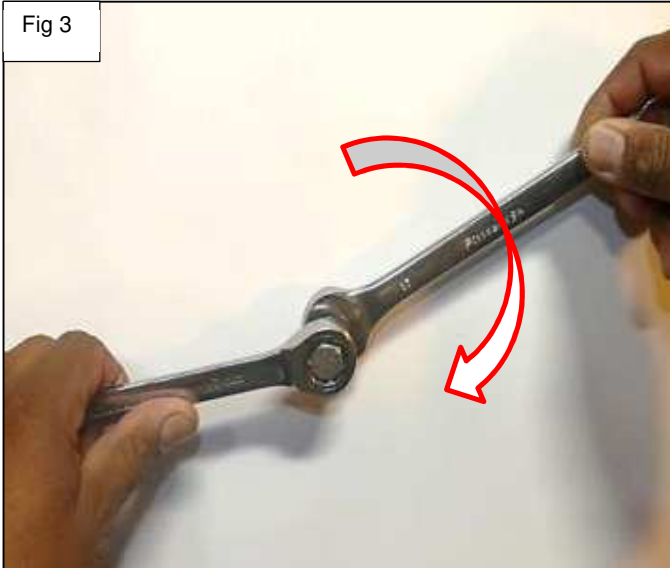


Step 2.  
Place supplied nutsert (C) into the previously drilled holes.



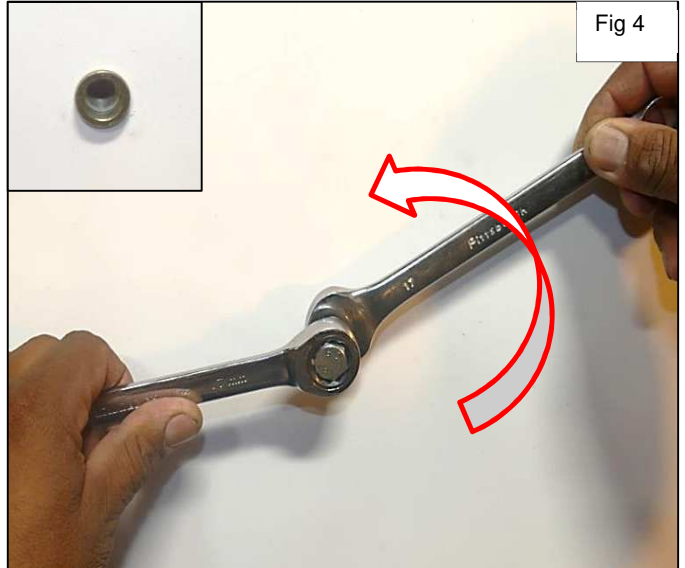
## USING THE NUTSERT TOOL continued

Fig 3



**Step 3.**  
Using two 17mm wrenches hold the supplied bolt in place while turning the supplied spacer clockwise with a 17mm wrench **Fig 3**. As you turn the wrench, the bolt will draw the far end of the nutsert towards the inside of the sheet metal, gripping it with the knurled outside edge of the nutsert as it deforms. Continue to turn the wrench until the nutsert is fully pressed against the sheet metal. **Note:** DO NOT over tighten nutsert as you can damage the nutsert and cause it to lose its grip.

Fig 4

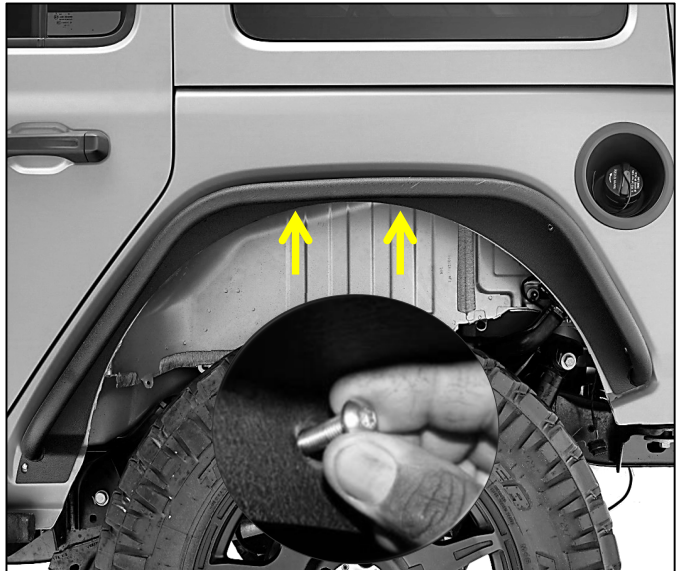


**Step 4.**  
Once the nutsert is installed, loosen the spacer by turning the wrench counter clock wise **Fig 4** then remove it and the rest of the tool from the nutsert. Inspect the nutsert to make sure it is properly seated against the vehicle sheet metal fig 1. Repeat step 1-4 for remaining nutserts.

## INSTALLING REAR FENDER continued

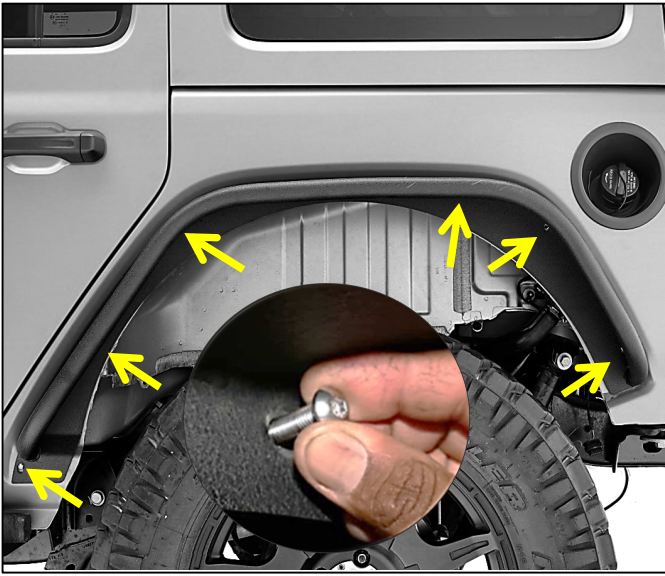


**Step 2.**  
Locate and place supplied passenger rear fender flare (B) onto jeep as shown. Line up the fender flare holes with the jeep holes and previously installed nutserts.



**Step 3.**  
Locate and install supplied M8x1.25x20mm button head bolt (G) with supplied flat washer (D) through the hole in the fender flare and through the factory holes. Start a supplied M8x1.25 flange nut (F) at the end of the bolt. Tighten down using a 7/32 allen wrench. Repeat step for remaining button head bolt. Repeat step 1-4 for other side.

## INSTALLING REAR FENDER continued



Step 4.  
Place supplied M8x1.25x20mm button head bolt (E) with supplied M8 flat washer (D) through the hole in the fender flare and onto the previously installed nutserts. Tighten down using a 7/32 allen wrench. Repeat step for remaining bolts. Repeat step 1-4 for other side.



This completes the installation