



## JK Steel Fender Flares

### Instructions

IMPORTANT: Thank you for purchasing this Rusty's Offroad Product. Please read over this entire document before proceeding with installation. If you are not confident with your mechanical skill please seek the help of a professional to perform the installation. Check your packaging immediately upon arrival to ensure that everything listed is included. Check all products for any damage that may have been caused during shipment. If anything is missing or damaged, or you have any questions regarding the installation of this product please call Rusty's Offroad Products at 1-256-442-0607.

Parts List	Tools Needed
<ul style="list-style-type: none"><li>• Front Driver Side Fender</li><li>• Front Passenger Side Fender</li><li>• Rear Driver Side Fender</li><li>• Rear Passenger Side Fender</li><li>• Front Driver Side Fender Brace</li><li>• Front Passenger Side Fender Brace</li><li>• Front Fenders Hardware Package</li><li>• Rear Fenders Hardware Package</li><li>• Rivet Nut Installation Tool</li></ul>	<ul style="list-style-type: none"><li>• 7/16" and 9/16" Wrench</li><li>• 1/4" or 3/8" Drive Ratchet</li><li>• 6" - 1/4" or 6" - 3/8" Extension</li><li>• 10mm Socket</li><li>• Phillips Head and Flat Head Screwdriver</li><li>• Powered Drill</li><li>• 11/32" and 3/8" Drill Bit</li><li>• Cut-off Wheel Saw or Hack Saw</li><li>• Allen Wrench Set (5/32" Allen Wrench)</li><li>• Body Pin Removal Tool or Small Screw Driver</li><li>• Rivet Nut Installation Tool (Included)</li><li>• Optional: Professional Rivet Nut Installation Tool</li></ul> <p>This tool is not necessary but will make the installation of Rivet Nuts easier than with the included installation tool.</p>

# JK Steel Fender Flares

## Instructions

Front Fender Bolt List		
Quantity	Description	MSC Part#
18	1/4"-20 x 3/4" SS Allen Bolt	MSC-67563080
8	1/4"-20 x 1/2" SS Allen Bolt	MSC-67563007
26	1/4"-20 Flange Nut	MSC-67483768
26	1/4" Fender Washer	MSC-87920112

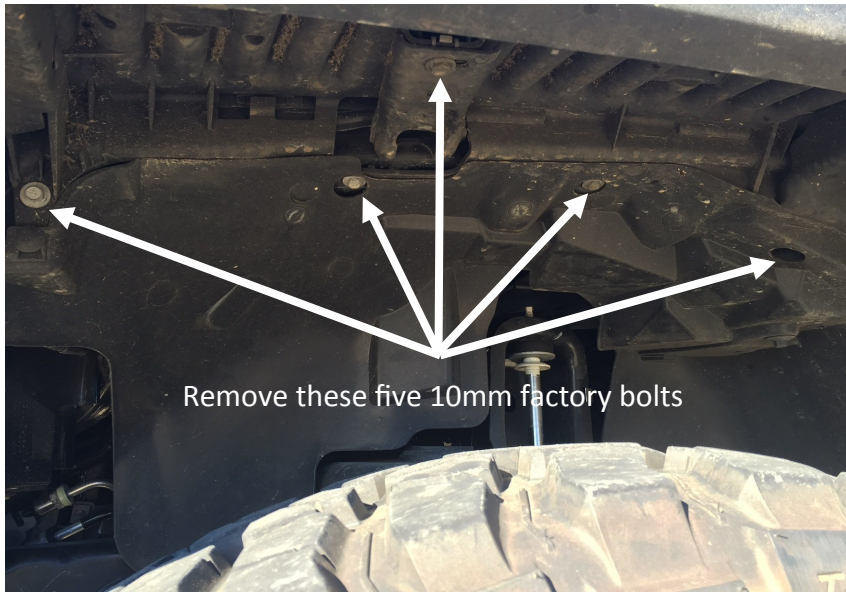
Rear Fender Bolt List		
Quantity	Description	MSC Part#
12	1/4"-20 x 3/4" SS Allen Bolt	MSC-67563080
22	1/4"-20 x 1" SS Allen Bolt	MSC-67563122
22	1/4"-20 Rivet Nut	MSC-08411266
12	1/4"-20 Flange Nut	MSC-67483768
4	1/4" Fender Washer	MSC-87920112

# JK Steel Fender Flares

## Instructions

### Factory Front Fender Flare Removal

1. Disconnect the OE corner marker light at the quick connector found on the wiring harness under the fender flare. If you like you can remove the rest of the wiring and bulb from the OE fender by rotating the backside of the bulb 1/2 turn and pulling the bulb out of the OE light socket. This light will not be reused once these fenders are installed.
2. Using a socket wrench with a 10mm socket remove the five 10mm factory bolts inside of the fender flare as illustrated in the image below.



3. Start at the front of the flare and pull firmly to release the flare and splash shield from the fender working your way to the back. You will notice popping noises as the retaining clips release the fender flare or break. If they break this is not a big deal since they will not be reused.
4. Use a pry tool or flat head screwdriver, remove any of the plastic clips that remain in the fender. (Use caution not to damage paint!!)
5. The metal bracket in the picture below will have to be cut with a cutting tool close to the body line in order to install the front fenders. (Note: It is a good idea to paint the raw metal to prevent rust from forming.)
6. Repeat same steps for the other side, then you are ready to install the front fender flares.



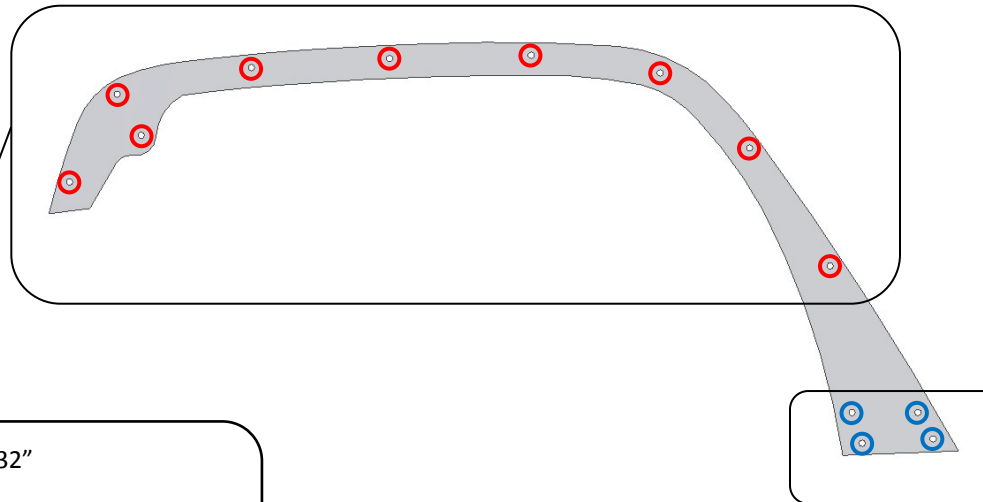
# JK Steel Fender Flares

## Instructions

### Front Fender Install Instructions

1. Remove Front Factory Flares using instructions on page 3.
2. At this time it is strongly suggested to clean all of the painted areas in your working area to keep from trapping debris or dirt between fender mounting flange and the new fender flares.
3. Use blue painters tape to mask off the work area to prevent damaging your paint.
4. All of the factory hole locations in Fig. 1 need to be drilled to  $11/32''$  (Decimal Equivalent 0.3437")  
(**Note:** Some Holes may already be this size from the factory. You do not need to make them any larger.)

Figure #1



You Must Drill Factory Bolt Holes to  $11/32''$

$1/4''$  - 20 x  $3/4''$  SS Allen Bolts

$1/4''$  - 20 Flange Nuts

$1/4''$  Fender Washers

You Must Drill Holes to  $11/32''$  for all of these holes.

$1/4''$  - 20 x  $1/2''$  SS Allen Bolts

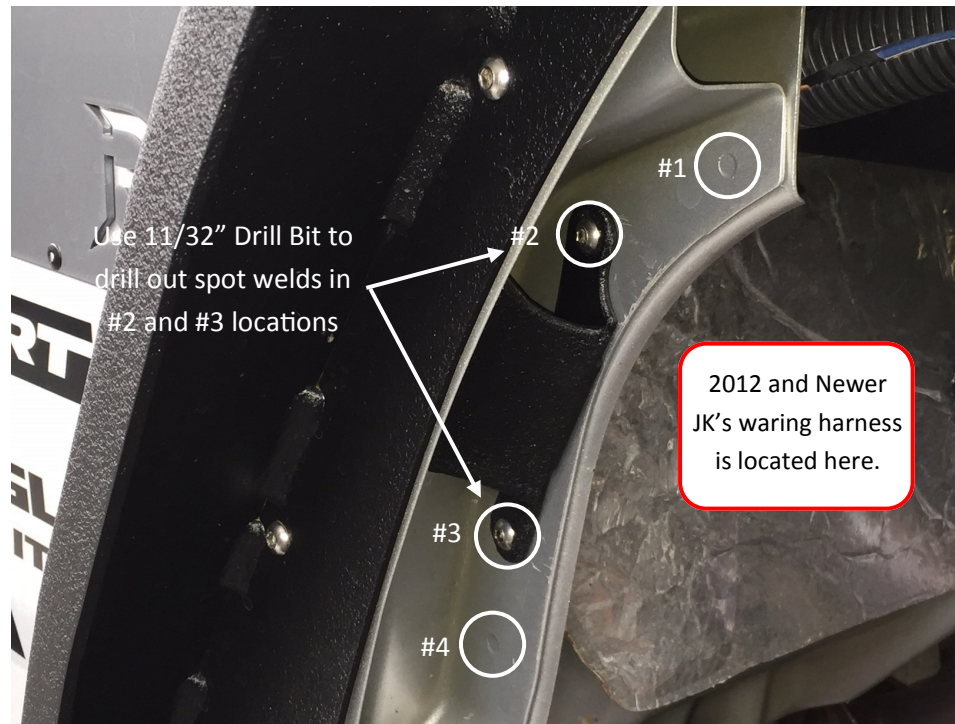
$1/4''$  - 20 Flange Nuts

# JK Steel Fender Flares

## Instructions

### Installation of Front Fender Flare Brace

1. Place the Front Fender Flare Brace into position and line up the holes with the factory spot welds using the 2nd and 3rd weld locations as a guide to mock up the location.  
**(Note: Use Caution when drilling these holes on 2012 and newer JK's there is a wiring harness directly behind inner fender support on passenger side.)**
2. After placing the brace into the correct position, you will want to mark and center mark the hole locations on the spot welds so that you can drill out the holes for this brace to bolt in.
3. The brace will be bolted to the back side of the fender flare illustrated below.



**(Note: Use Caution when drilling these holes on 2012 and newer JK's there is a wiring harness directly behind inner fender support on passenger side.)**

# JK Steel Fender Flares

## Instructions

### Factory Rear Fender Install Instructions

1. Remove Rear Factory Fender Flares.
2. Use a pry tool or flat head screwdriver to remove the six plastic fasteners inside the fender flares.
3. Start at the front of the flare and pull firmly to release the flare and splash shield from the front of the fender working your way to the back. You will notice popping noises as the retaining clips release the fender flare or break. If they break this is not a big deal since they will not be reused.
4. Using a pry tool or flat head screwdriver, remove any of the plastic clips that remain in the fender. (Use caution not to damage paint!!)



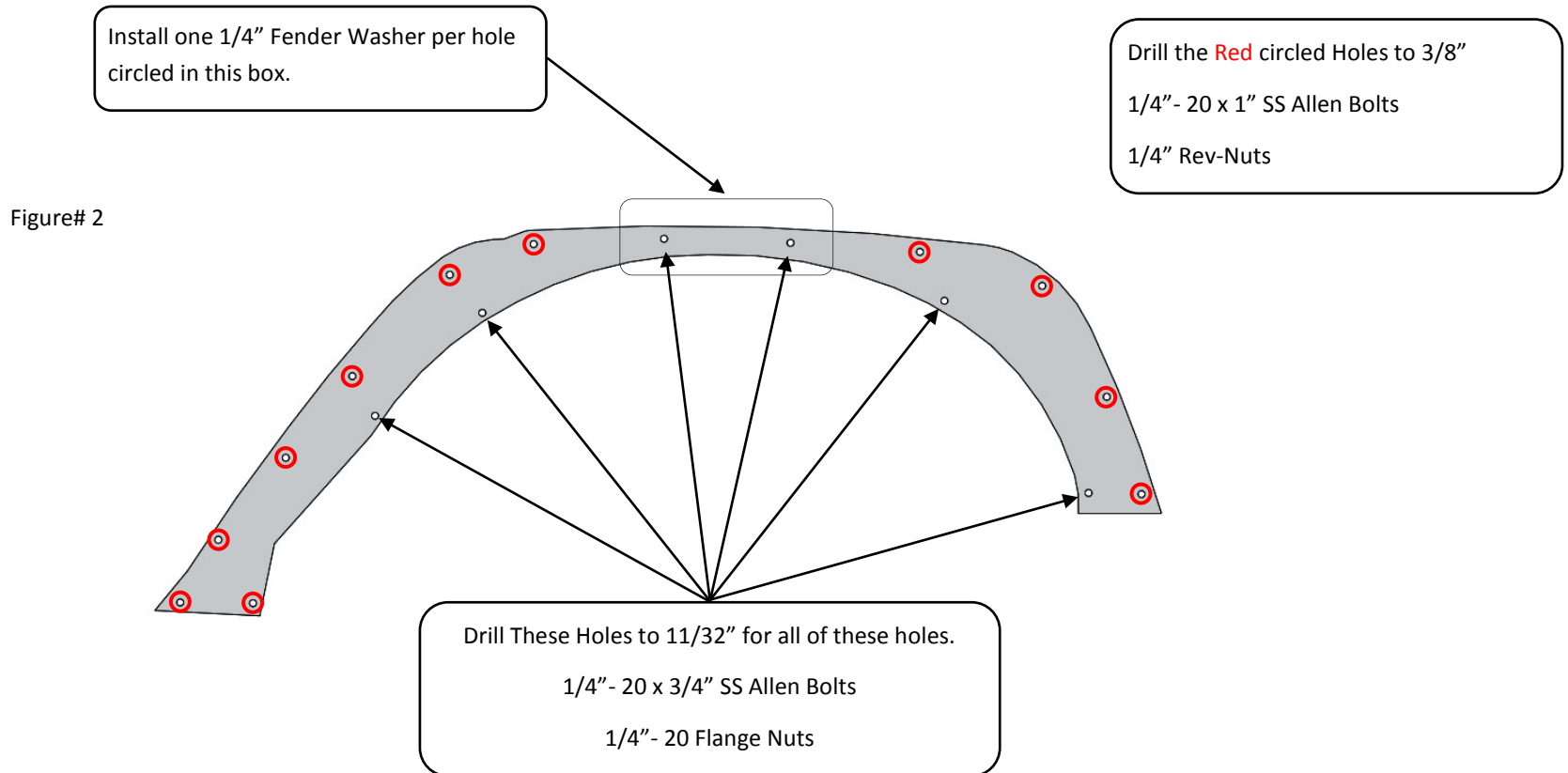
5.

# JK Steel Fender Flares

## Instructions

### Rear Fender Install Instructions

1. Remove Rear Factory Fender Flares using instructions on page 6.
2. At this time it is strongly suggested to clean all of the painted areas in your working area to keep from trapping debris or dirt between fender mounting flange and the new fender flares.
3. Use blue painters tape to mask off the work area to prevent damaging your paint.
4. All of the factory hole locations in Fig. 2 Circled in Red need to be drilled to  $3/8''$  (Decimal Equivalent 0.375")
5. Use the provided Rev-Nut Tool to install the  $1/4''$  Riv Nuts to the holes that have been drilled to  $3/8''$ . (See page 8 for Rev-nut tool instructions.)



# JK Steel Fender Flares

## Instructions

### Rev Nut Installation

1. Drill hole to the recommended size.
2. Thread the rev nut on to the rev nut installation tool.
3. Insert the tool into the hole that you want to install the rev-nut into.
4. For a 1/4" rivet nut, hold the nut closest to the rivet nut still with an 9/16" wrench and tighten the bolt with a 7/16" wrench to set the rivet nut. Be sure to hold the rivet nut flush to the surface and square to the hole as it is tightened. (Note: It helps to spray a lubricant spray onto the threads in between uses to make installation of rivet nuts easier. )

