

Rusty's Front Inner Fenders - 2018+ JL Wrangler / 2020+ JT Gladiator RA-MF5500-JLJT INSTALLATION INSTRUCTIONS

Last Revised: 02/11/20

Introduction:

Rusty's recommends that this installation be performed by a certified automotive technician or a person with professional mechanical knowledge. Installing this kit without this expertise may jeopardize the handling and safety of the vehicle.

Read instructions several times before starting. Be sure you have all the needed parts and know where they install. Read each step completely as you go. Exhaust modifications may be necessary. Prior to drilling or cutting, check behind the surface being worked on for any wires, lines, or hoses that could be damaged. After any drilling or cutting, remove burrs and grind smooth any surfaces. An inclinometer or similar tool may be needed to measure driveshaft angles before and after the installation.

Warning:

- It is the owners' responsibility to inspect all Rusty's products for proper torque specs to prevent loosening of components.
- Seat belts and shoulder harnesses should be worn at all times.
- Re-check all bolts and nuts after the first 100 miles and after any off-road usage during the first 300 miles.
- Although all of our products are made from the highest quality materials possible, they are not a substitute for Safe and Careful driving. In other words, have good safe on-road / off-road sense. Know the terrain, the speed limitations, and any obstacles that may lie ahead. Please remember to preserve our right to enjoy public land through the proper use of off-road vehicles.

Before Starting Installation:

1. Carefully Read all warnings and instructions completely before beginning.
2. Verify all parts have been received in this kit by checking the parts list on page#2 of this document.
3. Only install this kit on the vehicle for which it is specified.
4. Park the vehicle on a clean, dry, flat, level surface and block the tires so the vehicle cannot roll in either direction.
5. Be certain the vehicle is safely secured on jack stands or a vehicle lift prior to working around or under a vehicle. Never rely on a jack alone to support a vehicle's weight; use appropriately rated stands to support the vehicle's frame and any other heavy components.

Parts List:

Note: Please be sure that you have all the provided parts listed below before continuing with the installation.

Part #	DESCRIPTION:	Quantity
RA-MF5500-JLJT	Rusty's Front Inner Fenders (JL/JT) (Contents Listed Below)	1
RA-MF5500-JLJT-DSFP	Rusty's Front Inner Fenders (JL/JT) Driver Side Front Panel	1
RA-MF5500-JLJT-DSRP	Rusty's Front Inner Fenders (JL/JT) Driver Side Rear Panel	1
RA-MF5500-JLJT-PSFP	Rusty's Front Inner Fenders (JL/JT) Passenger Side Front Panel	1
RA-MF5500-JLJT-PSRP	Rusty's Front Inner Fenders (JL/JT) Passenger Side Rear Panel	1
RA-MF5500-JLJT-DSMB	Rusty's Front Inner Fenders (JL/JT) Passenger Side Mounting Bracket	1
RA-MF5500-JLJT-PSMB	Rusty's Front Inner Fenders (JL/JT) Driver Side Mounting Bracket	1
09331745	1/4"-20 UNC Manual Threaded Insert Installation Tool	1
67563122	1/4"-20 x 1" Length Button Head Cap Screw	4
67483768	1/4"-20 Serrated Flange Nut	4
67563080	1/4"-20 x 3/4 Length Button Head Cap Screw	14
RNLS-420-165	1/4"-20 Knurled Threaded Nut Insert	6
MC-91280A340	M6 x 1.00mm x 35mm Length Hex Head Cap Screw	2
67485920	M6 x 1.00mm Hex Lock Nut	2
67492967	M6 x 12mm O.D. Flat Washer	2

Installation Instructions

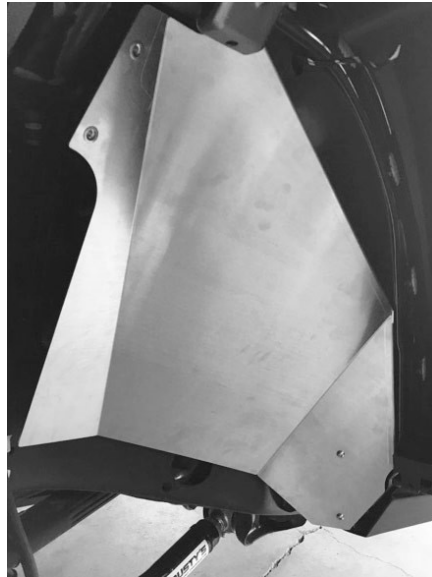
Note: Save all factory components and hardware for reuse, unless noted.

1. Remove the stock inner fender liners by completing the following steps below.
 - A. Use a 8mm and 10mm socket and wrench to remove the stock inner fender well bolts.
 - B. Remove the plastic rivets. You can cut these off or drill them out if you do not have a plastic rivet removal tool.
 - C. Remove the stock inner fender liner at this time. (**Note:** If you plan to keep the factory fender flares you can purchase and install replacement plastic rivets to fill the hole locations on the fenders where the inner liner was previously riveted in position.)

Installation Instructions (Continued)

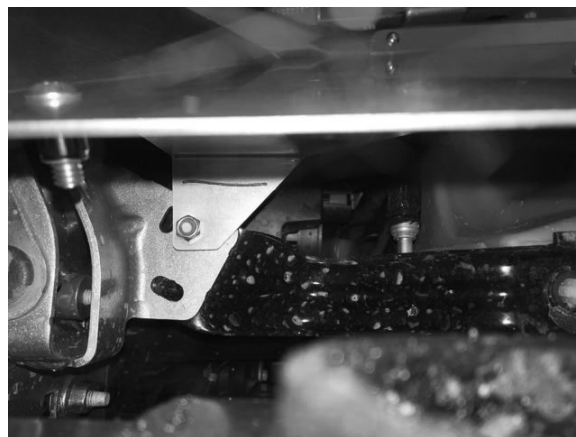
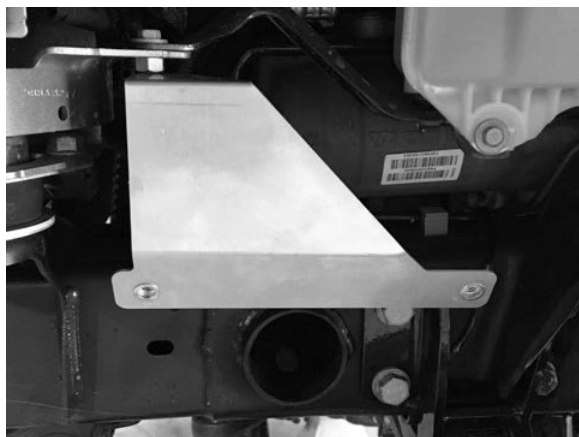
Note: Save all factory components and hardware for reuse, unless noted.

2. Install the Rusty's Front Inner Fenders (JL/JT) Driver Side Rear Panel by completing the following steps below. (**Note:** The following steps will be listed for the Driver Side of the vehicle and the Passenger Side will be installed in the same manner.)
 - A. Align the Rusty's Front Inner Fenders (JL/JT) Driver Side Rear Panel by aligning the top edge behind the fender. Pay attention to make sure that the wiring harness passes through the cut out in the panel.
 - B. Align the two lower bolt hole location in the Rusty's Front Inner Fenders (JL/JT) Driver Side Rear Panel with the two factory hole locations in the fender (2 Small Tabs) and loosely install the supplied 1/4"-20 x 1" Length Button Head Cap Screw (Qty:2) and 1/4"-20 Serrated Flange Nut (Qty:2) at this time by accessing from the back side of the rear panel. (**Note:** Make sure to allow for a small amount of movement in order to complete the remaining installation steps.)



Installation Instructions (Continued)

3. Install the Rusty's Front Inner Fenders (JL/JT) Driver Side Mounting Bracket by completing the following steps below.
 - A. Remove the factory bolt located above the front body mount and replace using the supplied M6 x 1.00mm x 35mm Length Hex Head Cap Screw (Qty:1) as shown below. Tighten the bolt fully at this time.
 - B. Install the Rusty's Front Inner Fenders (JL/JT) Driver Side Mounting Bracket as shown in the image below then install the supplied M6 x 12mm O.D. Flat Washer (Qty:1) and M6 x 1.00mm Hex Lock Nut (Qty:1). (**Note:** Make sure to leave the nut slightly loose to allow you to rotate the mounting bracket at this time.)



4. Install the Rusty's Front Inner Fenders (JL/JT) Driver Side Front Panel by completing the following steps below.
 - A. Position and align the Rusty's Front Inner Fenders (JL/JT) Driver Side Front Panel with the Rusty's Front Inner Fenders (JL/JT) Driver Side Rear Panel installed during step #2, install the supplied 1/4"-20 x 3/4" Length Button Head Cap Screw (Qty:2) to secure the two panels to one another.
 - B. Position and align the Rusty's Front Inner Fenders (JL/JT) Driver Side Front Panel with the Rusty's Front Inner Fenders (JL/JT) Driver Side Mounting bracket installed during step #2, install the supplied 1/4"-20 x 3/4" Length Button Head Cap Screw (Qty:2) to secure the parts to one another.



Installation Instructions (Continued)

- C. With the Rusty's Front Inner Fenders (JL/JT) Driver Side Front Panel mounted into position, use a permanent marker to mark the three hole locations along surface where the front panel meets the upper portion of the fender.
- D. Once the hole locations have been marked remove the front panel.
- E. Center punch and drill the three marked hole locations using a 25/64" drill.
- F. Install the supplied 1/4"-20 Knurled Threaded Nut Insert (Qty:3) into the three hole location drilled in the previous step with the supplied 1/4"-20 UNC Manual Threaded Insert Installation Tool (Qty:1). (**Note:** When using the manual thread insert tool make sure to use the provide instructions. We also recommend to keep the threads of the thread insert tool lubricated in order to maximize tool life.)



5. Reinstall the Rusty's Front Inner Fenders (JL/JT) Driver Side Front Panel by completing the following steps below.
 - A. Position and align the Rusty's Front Inner Fenders (JL/JT) Driver Side Front Panel with the Rusty's Front Inner Fenders (JL/JT) Driver Side Rear Panel installed during step #2, install the supplied 1/4"-20 x 3/4" Length Button Head Cap Screw (Qty:2) to secure the two panels to one another.
 - B. Position and align the Rusty's Front Inner Fenders (JL/JT) Driver Side Front Panel with the Rusty's Front Inner Fenders (JL/JT) Driver Side Mounting bracket installed during step #2, install the supplied 1/4"-20 x 3/4" Length Button Head Cap Screw (Qty:2) to secure the parts to one another.
 - C. Install the supplied 1/4"-20 x 3/4" Length Button Head Cap Screw (Qty:3) to secure the top edge of the Rusty's Front Inner Fenders (JL/JT) Driver Side Front Panel along surface where the front panel meets the upper portion of the fender.
 - D. Fully tighten all hardware at this time.

Installation Instructions (Continued)

6. Repeat steps 1-5 on the passenger side of the vehicle at this time.
7. Installation is now complete!

WARNING

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