

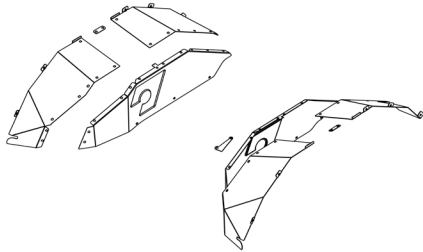


**ARTEC INDUSTRIES
JL ALUMINUM
REAR INNER FENDERS**

Thank you for your purchase of our rear JL inner fender-ers.

**Bill of Materials
JL5111**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	JL5111-3	JL Rear Inner Fender Driver Real Panel	1
2	JL5111-2	JL Rear Inner Fender Driver Front Panel	1
3	JL5111-1	JL Rear Inner Fender Driver Main Panel	1
4	JL5111-7	JL Rear Inner Fender Nut Strip	2
5	JL5111-6	JL Rear Inner Fender Passenger Rear Panel	1
6	JL5111-4	JL Rear Inner Fender Passenger Main Panel	1
7	JL5111-5	JL Rear Inner Fender Passenger Front Panel	1
9	JL5111-8	JL Rear Inner Fenders Drill Template	1
10	HW0093	1/4"-20 x .3125" Button Head Cap Screw - Zinc	28
11	HW0092	1/4"-20 x .50" Button Head Cap Screw - Zinc	10
12	HW0062	1/4"-20 x .750" Button Head Cap Screw - Zinc	6
13	HW0018	1/4"-20 Nylon Insert Hex Lock Nut Zinc	6
14	HW0033	1/4" USS (Type A Wide) Flat Washer Zinc	6



**TYPICAL INSTALL
TIME: 1.0 hour**

REQUIRED TOOLS

- Power Drill
- 7/16" Wrench
- 5/32" Allen
- 1/4" & 1/8" Drill Bit
- 7/16" Socket

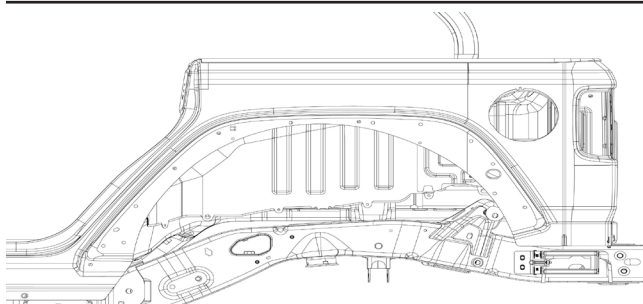
STEP 1. Unpack contents of shipment. Make sure that all of the parts required are included with your kit. If any items are missing, and packaging is damaged, report it to the shipping company driver, **KEEP ALL ORIGINAL PACKAGING.**

STEP 2. First start by parking the vehicle on level ground and secure the front tires with chocks. Next raise the rear tires off the ground, secure with jack stands and remove the rear tires. This will provide more room for accessing the fenderwell but is not necessary. Next we will remove the 7 plastic clips holding the inner fender in place. Just cut them and then push them out later. Once the clips are removed you can drill the 8 plastic rivets on the flare. This will allow you to remove the inner fender.

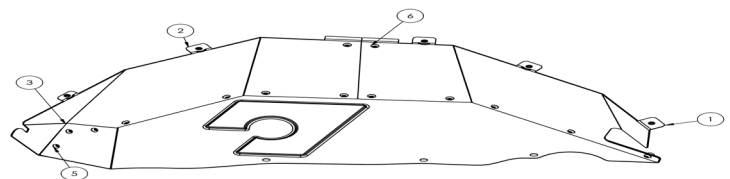


STEP 3. Now that you have removed the plastic inner fenders you can start removing the fender flares. Some of the clips can be accessed from the back side, pinch them and remove one by one. To completely remove the flare abruptly pull the flare and the remaining clips will pop out.

STEP 4. Cleanse the wheel well while you can access it, also pop out any clips that you cut in step 2. You are now ready to install your inner fenders. We find it easier to loosely assembly the inner fender assemblies on a work bench prior to installing them. Use the shortest bolts to assembly the inner fender. **DO NOT TIGHTEN**

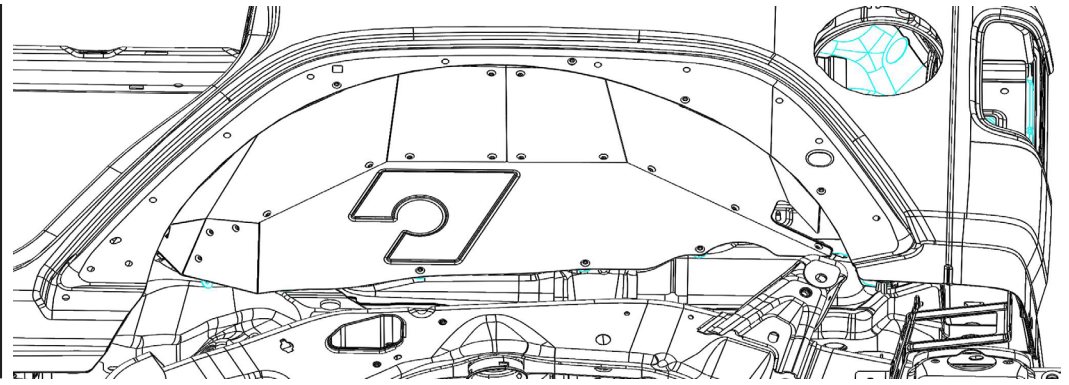


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	JL5111-3	JL Rear Inner Fender Driver Real Panel	1
2	JL5111-2	JL Rear Inner Fender Driver Front Panel	1
3	JL5111-1	JL Rear Inner Fender Driver Main Panel	1
4	JL5111-7	JL Rear Inner Fender Nut Strip	1
6	HW0093	1/4"-20 X .3125" Button Head Socket Cap Screw - ZINC	14

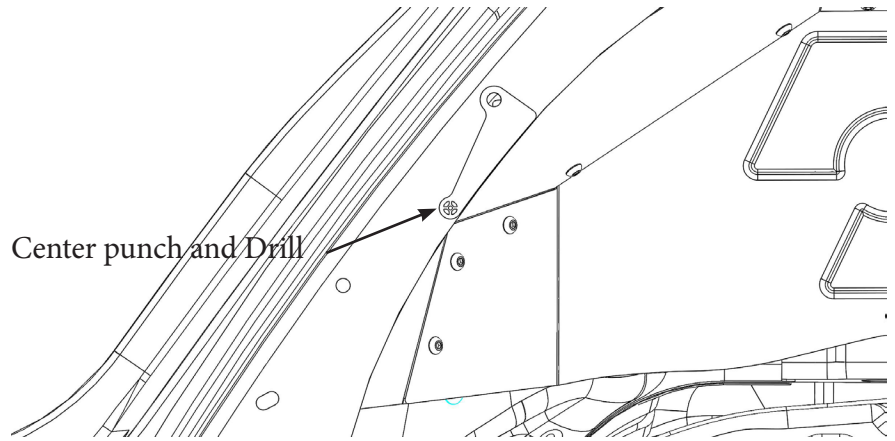


NOTE: THIS KIT INVOLVES VEHICLE MODIFICATION AND MECHANICAL SKILLS. IF YOU ARE NOT CONFIDENT IN YOUR SKILLS, CONTACT A PROFESSIONAL INSTALLER.

STEP 5. The inner fender assemblies can be inserted by first angling the back portion up and into the wheel well. Next pop the rest of the inner fender into the wheel well. Next install the hardware loosely using existing holes in the jeep.



STEP 6. There is an optional mounting location on the front of the inner fender. If you choose to utilize this we have provided a drilling template. Place the template as shown and center punch the location. Drill using a 1/4" drill bit. Touch up the paint after drilling to prevent corrosion. You can now loosely install the hardware using the .5" long button heads. Also install the (3) .750" bolts holding the main panel to the jeep, make sure to use the provided spacers between the jeep and the new liner.



STEP 7. Start by tightening all the hardware, the bolts that dont use lock nuts we recommend using blue loc-tight to ensure these never vibrate loose. Steps 3-7 can be repeated to install the passenger side inner fender as well. Next you can reinstall your fender flares to finish the installation. We recommend buying the optional rivet nut hardware instead of using your factory plastic clips.

**Artec Industries, LLC is not responsible or liable for improper installation of this kit. Use common sense when installing.

NOTE: THIS KIT INVOLVES VEHICLE MODIFICATION AND MECHANICAL SKILLS. IF YOU ARE NOT CONFIDENT IN YOUR SKILLS, CONTACT A PROFESSIONAL INSTALLER.