



# Installation Instructions

## Stand Alone Inner Fenders

Product Number: JL2002

2018 JEEP JL

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# SAFETY

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### **Your safety and the safety of others is very important.**

- In order to help you make informed decisions about safety, we have provided installation instructions and other information.
- These instructions alert you to potential hazards that could hurt you or others.
- Please do a job safety analysis (JSA) before each task to identify potential hazards for your situation and remove/protect against them.
- You must use your own good judgment and take your time.

**Read and understand all safety precautions and instructions before installing this product.**

THIS PRODUCT IS FOR OFFROAD USE ONLY. ALL LIABILITY FOR INSTALLATION AND USE RESTS WITH THE OWNER.

**CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE.**

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## Injury hazard

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### **Failure to observe these instructions could lead to severe injury or death.**

- **Always** remove jewelry and wear eye protection.
- **Always** use extreme caution when jacking up a vehicle for work. Set emergency brake and use tire blocks. Locate and use the vehicle manufacturers designated lifting points. Use jack stands.
- **Always** use appropriate and adequate care in lifting components into place.
- **Always** insure components will remain secure during installation and operation.
- **Always** wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause serious eye injury.
- **Always** use extreme caution when drilling on a vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling and relocate any objects that may be damaged.
- **Always** use extreme caution when cutting and trimming during fitting.
- **Always** tighten all nuts and bolts securely per installation instructions.
- **Always** route electrical cables carefully. Avoid moving parts, components that become hot and rough or sharp edges.
- **Always** insulate and protect all exposed wiring and electrical terminals.
- **Always** perform regular inspections and maintenance on mounts and related hardware.



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Congratulations on your purchase of the Fab Fours inner fenders.

Your inner fender was designed in 3-D from digitized data, CNC laser cut, fabricated, and powder coated... all in the U.S.A. Enjoy the fit and finish of a fender system from Fab Fours, Inc.

**WARNING:** This product was designed to be used with the 2018 Jeep JL only.





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### TOOLS REQUIRED

- 9/16” Wrench or socket
- 7/16” Open end wrench
- 7/16” Socket
- 1/2“ Socket
- Socket wrench
- Drill
- Panel tool

Fab Fours Identification	Component Description	Qty
50160- HW	3/8"-16 x 1", HHCS , Zinc, GR8	4
50160- HW	3/8"-SAE x , Lock Washer , Zinc, GR8	4
50160- HW	3/8"-SAE x , Flat Washer , Zinc, GR8	4
50160- HW	5/16-18 X 1/2 THREAD CUTTING SCREW	2
50160- HW	17/32 Drill Bit w/ 1/2 shank HSS Silver & Deming	1
50160- HW	3/8"- x , Expandable Inset Tool , ,	1
50160- HW	.375-16 Knurled Rivet Nut	4
50160- HW	1/4"-20 x .75", HHCS , Zinc, GR8	2
50160- HW	1/4"-20 x , Hex Nut , Zinc, GR8	2
50160- HW	1/4"-SAE x , Lock Washer , Zinc, GR8	4
50160- HW	1/4"-SAE x , Flat Washer , Zinc, GR8	4



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## FACTORY VEHICLE PREP

*Note: This manual starts with the assumption that you have followed the disassembly instructions from our fender manual and have already removed your factory fenders and inner fender lining in preparation.*

1. Drill out the existing hole that is in the front body mount cup with a letter “L” drill bit. A 9/32” drill bit can also be used instead of the letter L bit.
2. Using a ratchet and 1/2” socket or driver, use the self-tapping bolt provided in the hardware kit (50160-HW) to cut the threads in the drilled pilot hole. **(Figure 1)**



Figure 1 (Driver side shown)

3. Remove the self-tapping bolt for future installation.
4. Ream out the rear existing hole in the upper chassis rail with the included 17/64” drill bit. **(Figure 2)**



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Figure 2 (Driver side shown)

5. With the expendable tool threaded into the Rivnut, insert the Rivnuts into the holes making sure they fit in far enough to flush the collar of the Rivnut to fender panel. (Figure 3)

**NOTE:** We recommend coating the knurls of the Rivnut with Loctite before installation.



Figure 3 (Driver side shown)

6. Disconnect the factory wiring harness from the chassis using a panel tool.
7. Push the wiring harness deeper into the engine compartment and, using a zip tie, secure it to the same bracket by the wiring bundle. (Figure 4)

**NOTE:** Perform this step on the passenger side only.



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Figure 4 (Passenger side shown)

8. Position the correct side inner fender into the wheel well and loosely install the two (2) 3/8"-16 hex head bolt, lock washer, and flat washer bolt stacks, provided in the hardware kit (50106-HW), into the two Rivnuts previously installed in step 4.
9. Position the rear inner fender flange behind the factory mounting tab and loosely install the one (1) 1/4"-20 bolt, flat washers, lock washer, and hex nut bolt stack provided in the hardware kit. (Figure 5)

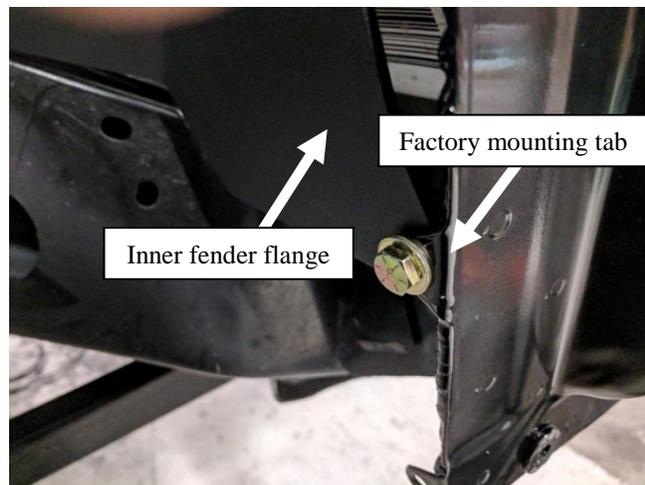


Figure 5 (Driver side shown)

10. Align the front mounting tab of the inner fender with the threaded hole previously made in the front body mount cup in step 1. (Figure 6)



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Figure 6

11. Loosely reinstall the self-tapping bolt removed in step 2. (Figure 7)



Figure 7 (Driver side shown)

12. Make sure all hardware is fully tightened.
13. Repeat the process to install the opposite side inner fender.



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#### MAINTENANCE/CARE

- Periodically check and tighten all nuts.
- Stripped, fractured, or bent bolts or nuts need to be replaced.