



18-20 JEEP WRANGLER JL/JLU

FRONT FENDER INSTALLATION INSTRUCTIONS

JLFNDFX1, JLFNDFX2

Thanks for purchasing a Reaper Off-Road fender set for your 18+ Jeep Wrangler JL. Our team has worked to ensure that this product is the premium in performance, quality, and fitment. We are proud to say that this product will enhance the look and off-road performance of your vehicle. We encourage you to read through the following steps, and check the included Bill of Materials before beginning. Please follow these steps to ensure that your installation goes as planned.

Our products are specifically designed with ease of installation in mind. However, if you are uncomfortable with the following instructions please seek professional assistance. Reaper Off-Road will not be held liable for harm or injury to yourself or your vehicle during installation or use of this product.



Recommended Tool List

- Plastic rivet removal tool
- Metric socket set
- Inch socket set
- Ratchet
- Open-end wrench set
- Drill/driver
- 25/64" drill bit
- Rivet nut installation tool
- Weatherproof VHB tape (not required)





R1005
V02 - 1.5.21



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DISASSEMBLY

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1. Remove 4 mounting bolts inside the fender liner - 10mm socket
2. Remove 1 plastic rivet at the front side of the fender liner.
3. The entire fender flare and liner can be removed in one piece. Work your way around the fender, pulling it out of the mounting clips.
4. Once the fender is free from the vehicle, unplug the wire harness at the 6 pin connector.
5. Use a removal tool to remove any clips that remain on the vehicle.
6. Remove the fender vent trim ring.
7. Remove the fender vent by carefully undoing the clips.
8. Clean the mounting surface and prepare for installation.
9. The OEM mounting tabs are not used for assembly. Our fenders are designed to fit without removing the OEM mounting tabs. If you choose to remove them for a cleaner look, do this before continuing on.



Detail 1: Remove (4) bolts around inside of liner.



Detail 4: Unplug wire harness.



Detail 7: Remove fender vent trim.

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ASSEMBLY

10. Drill the mounting holes to 25/64". The fender panel is thin, be sure to keep the drill as straight as possible. The 4th hole from the front (circled) is not used and does not require drilling. The 8th hole (boxed) does not require drilling if installing with Reaper fender liners.
11. Check the drilled holes for any burrs, inside and out. Deburr as needed.
12. Install the rivet nuts (E) using an installation tool. Make sure the rivet nut is kept straight as it is installed. If the body panel is distorted it will be more difficult to align the mounting bolts. The 8th hole (boxed) does not require a rivet nut if installing with Reaper fender liners.
13. The logo backing plate can be customized to the color of your choice or left as is. If you would like to paint or powder coat the plate, do so before continuing.
14. Align the accent plate to the back side of the fender. We recommend using a VHB tape to keep the plate in place.
15. Peel and stick the provided edge trim along the outside of the fender as shown. Avoid blocking the holes.
16. Install each fender to the vehicle using the 1/4" bolts (A), washers (B), and lock washers (C).
17. See additional instructions R1005a for light wiring instructions.

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Detail 10: Drill holes to size. Unused hole circled.



Detail 14: Edge trim installed

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18. Install the light assemblies into each fender and secure with the provided hardware.
19. Plug the light harness into the factory connector.
20. Loop clamps (G) are supplied for securing the wire harness to the mounting bolts. You can also choose to secure the wiring with zip ties (not provided).

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Detail 18: Light assembly installed into fender.



Detail 21: Loop clamps used to secure wiring.



Installation complete

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