



18-20 JEEP WRANGLER JL/JLU

FRONT FENDER WIRING 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 in order to wire your lights for our recommended functions. By following these instructions your lights will function in the following way:

Modpod - Low / High Beam running light

Modpod Mini - Switchback, white running light to amber turn signal

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/Items List

- Electrical Tape
- Heat Shrink
- 17mm Open End Wrench
- Wire Strippers
- Pliers / Crimpers





R1005a
V03 - 4.19.22



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WIRING

1. Unscrew the rear cap of each light in order to install stud mounting.
2. Screw on provided Stud Mount onto each light.
3. Place a spacer onto the Modpod Mini and insert the Modpod and the Modpod Mini into the bracket. The front faces should line up close to flush at this point.

Note: Left and Right side fenders will have opposite light mounting orientations, we recommend you dry fit the lights into the bracket and install bracket onto the fender to ensure fitment before continuing

4. Once the lights are in the bracket, place a washer and a nut on the backside of each stud. Tighten and secure the lights using your 17mm open end wrench.
5. Using your wire strippers, strip the black protective coating in order to show the three wires inside.

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PAGE 2



Detail 2: Replace factory rear cap with replacement stud mount cap.



Detail 3: Place a spacer on the inside of the Modpod Mini before placing into bracket.

R1005a
V03 - 4.19.22

Note: The following step will vary depending upon factory fender lighting (Halogen vs LED).

For OEM Halogen

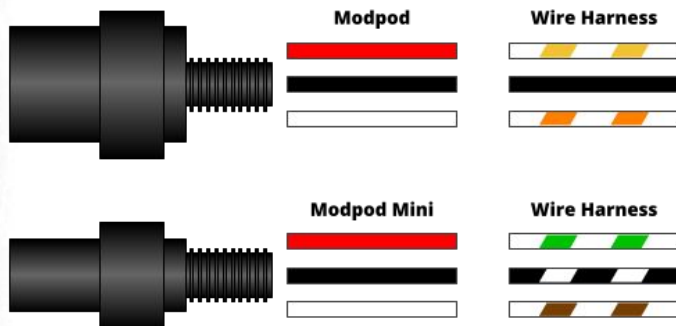
- 6A.** Use your preferred wiring method (ie. Soldering, crimp connectors, etc.) to splice the Modpod and Mini Modpod wires to your included wiring harness as listed below:

Modpod (Large Light)

Red ----- White / Yellow
Black ----- Black
White ----- White / Orange

Modpod Mini (Small Light)

Red ----- White / Green
Black ----- Black / White
White ----- White / Brown



For OEM LED

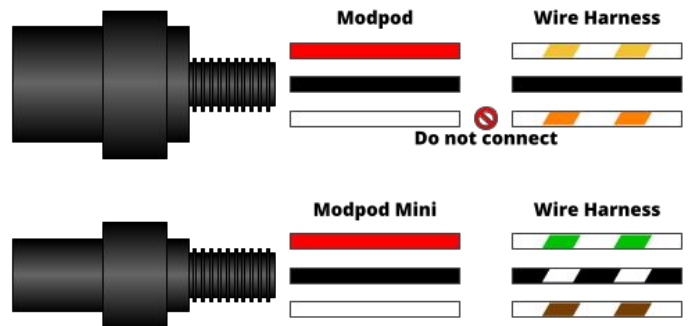
- 6B.** Use your preferred wiring method (ie. Soldering, crimp connectors, etc.) to splice the Modpod and Mini Modpod wires to your included wiring harness as listed below:

Modpod (Large Light)

Red ----- White / Yellow
Black ----- Black
White ----- Do not connect

Modpod Mini (Small Light)

Red ----- White / Green
Black ----- Black / White
White ----- White / Brown



- 7.** After attaching the lights to your wiring harness plug the harness into your Jeep's factory harness to ensure the lights are all functioning as they should. You may need to start the vehicle to enable all light functions.
- 8.** Once all of your lighting is working as it should, please refer back to R1005 instructions to continue installation.

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