



Protecting Your Adventure Lifestyle

## LED Light Wiring Information

1. 4" Round Stop/Turn/Tail LED Light – Includes a 3 wire plug in connector with pigtail wires.  
**Ground (-)** = White; **Turn/Stop (+)** = Red; **Running Light (+)** = Black
  
2. We recommend the use of our 2905 Load Resistor kit for eliminating the ‘fast blinker’ issue when using the 4" LED tail lights. **Do not install the load resistor kit on any light circuit that has a constant “ON” such as a running/parking light.** The constant voltage to the resistors will create excessive heat, however it is safe to use on turn/stop light circuits.
  
3. 2" Clear back-up LED light or amber turn signal LED light – Each light will include a two wire plug in connector. **Note:** Although the lights are marked with positive (+) and negative (-) terminals, the plugs are reversible. The LEDs are polarity sensitive, so if you connect them and one or both do not illuminate, turn the plug(s) around 180°. You will not damage the LEDs if they are plugged in backwards... they simply will not light up. **Ground (-)** = White; **Positive (+)** = Brown

### 88-95 YJ Wrangler Specific:

1. Remove both stock tail light housings and clip the wires. Strip back the insulation and follow the wire connection chart below. If the wire colors do not match the chart, utilize a voltage test light or voltmeter to locate the correct wires.

YJ Wires	4" LED Light Wires
White (+) = Running Light Power	Black (+) = Running Light
Green/black(+) = Turn Signal/Brake Power	Red (+) = Turn/Stop Light
YJ tail lights ground through the housing to the tub. Locate a suitable screw or bolt within the tub and run a length of wire from a ring terminal for the ground.	White (-) = Ground

YJ Wires	2" LED Light Wires
White/Black (+) = Reverse Power	Brown (+) = Positive
Black (-) = Ground (May be connected to the same ground as the 4" LED)	White (-) = Ground

### 97-06 TJ Wrangler Specific:

2. Remove both stock tail light housings and clip the wires. Strip back the insulation and follow the wire connection chart below. If the wire colors do not match the chart, utilize a voltage test light or voltmeter to locate the correct wires.

TJ Wires	4" LED Light Wires
Black/Yellow (+) = Running Light Power	Black (+) = Running Light
Green/Red (driver side) / Brown/Red (pass side)(+) = Turn Signal/Brake Power	Red (+) = Turn/Stop Light
TJ tail lights ground through the housing to the tub. Locate a suitable screw or bolt within the tub and run a length of wire from a ring terminal for the ground.	White (-) = Ground



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<b>TJ Wires</b>	<b>2" LED Light Wires</b>
Violet/Black (+) = Reverse Power	Brown (+) = Positive
Black (-) = Ground (May be connected to the same ground as the 4" LED)	White (-) = Ground

**07-15 JK Wrangler Specific:**

1. Remove both stock tail light housings, twist the black bulb mounts out and cut off them off of the OEM plug as shown below. Strip back the insulation on the five wires coming out of the plug.



2. Connect your LED light wires to this plug. See following chart for the wires to join. If the wire colors do not match the chart, utilize a voltage test light or voltmeter to locate the correct wires.

<b>JK Wires</b>	<b>4" Tail Light Wires</b>
Purple/White (+) = Running Light Power	Black (+) = Running Light
Black (-) = Ground	White (-) = Ground
Yellow/White (+) = Turn Signal/Brake Power	Red (+) = Turn/Stop Light

<b>JK Wires</b>	<b>2" Reverse Light Wires</b>
Green/White (+) = Reverse Power	Brown (+) = Positive
Black (-) = Ground	White (-) = Ground

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