



Assembly Instructions

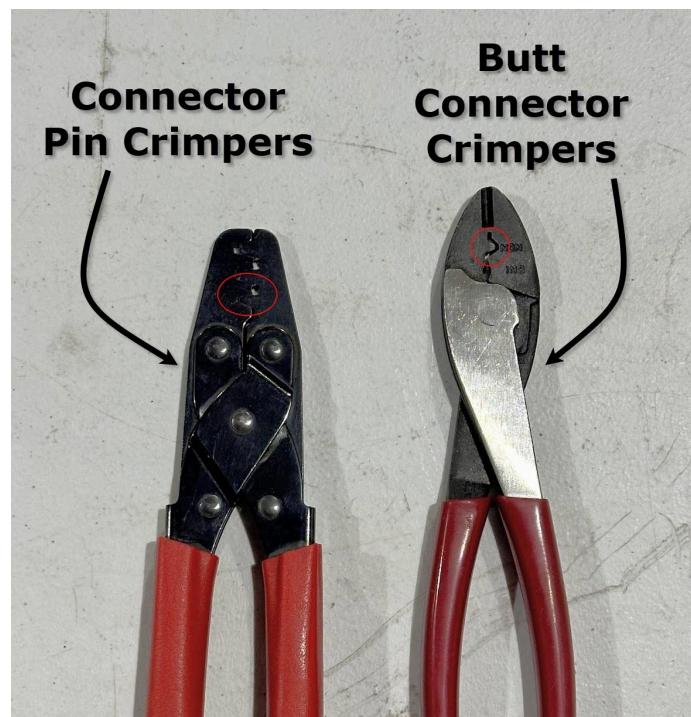
JL LICENSE LIGHT HARNESS (JL-1651)

****Please read these instructions thoroughly before starting this project. Collect all tools/components before beginning this process.****

Tools Required:

- Tape Measure
- Wire Cutters
- Wire Strippers
- Wire Crimpers - Connector Pins

****Below is an image showing the difference in crimpers used for this assembly. Circled are the parts of the crimpers that will be used for each instance.****



JL License Light Harness - (JL-1651) - Qty: 1

**** This harness is for use with the JL License Plate Relocation Bracket whether purchased with or without the Backup Camera Relocation Bracket ****

Components Needed:

***These are the bulk components you'll need, their quantities will be specified in the assembly steps. ***

- License Lights (CMP-1004)
- Male Connectors (CMP-1011)
- Female Pins (CMP-1012)

1) Cut License Light pigtail to length, and pull quantities of components as noted below.

****If making multiples, go ahead and cut/pull the appropriate number of components***

- License Light: **17" overall x1 (Including light)**
- Male Connector: **1**
- Female Pins: **2**

2) On the opposite end of the light, separate the two wires about $\frac{3}{4}$ " back on each end.

3) Strip insulation from both wires about $\frac{3}{16}$ " back.

4) After twisting exposed wires, crimp a Female Pin on each wire using Pin Crimpers. *Make sure pins are all oriented the same way so you don't have to twist the wire to install them into the connector. Note before/after crimping in Diagrams 1&2.*

Diagram 1

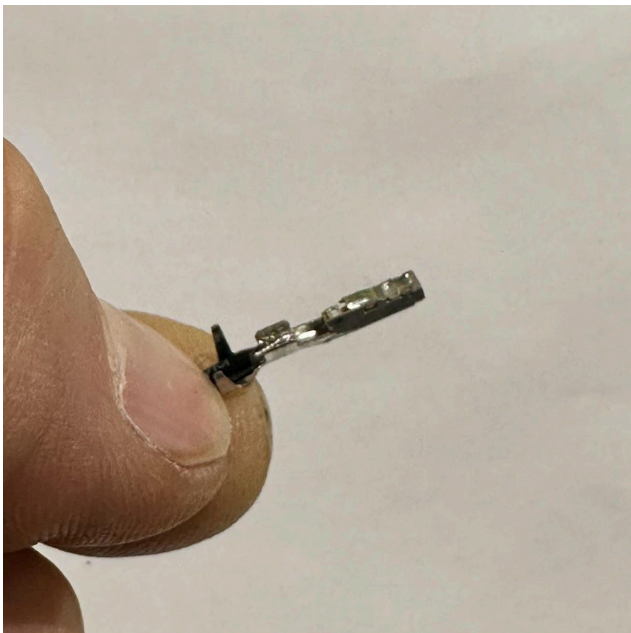
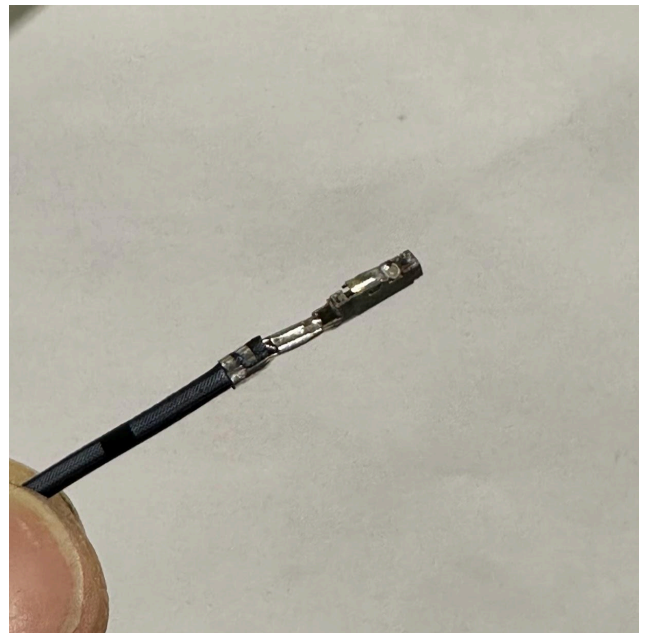
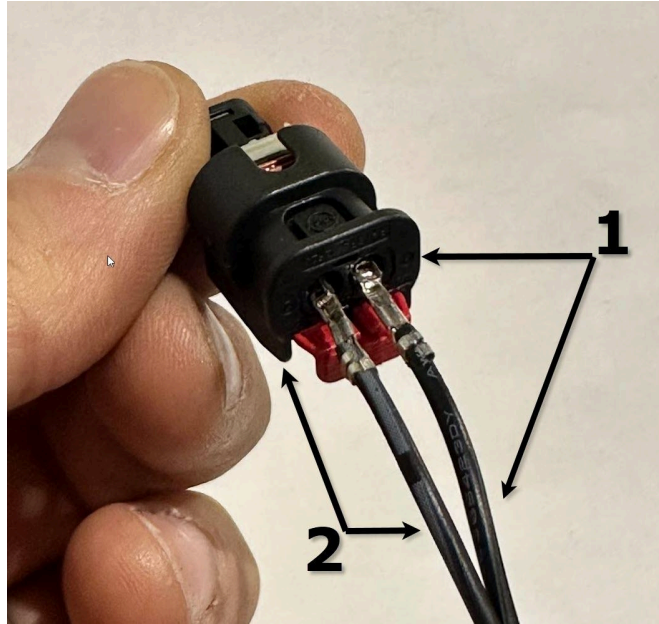


Diagram 2



- 5) Install (1) Male Connector. The Solid Black wire will go into position 1 and the Black wire the white stripes will go into position 2. See Diagram 3. *Note connector/pin orientation if you can't read the numbers on the end of the connector. Listen for an audible "click" from each wire to ensure they're fully seated. Perform a "tug test" to ensure pins are actually seated.*

Diagram 3



- 6) After installing the connector, and the pins are fully seated, engage the pin lock by pushing the white pin lock toward the center of the connector until seated. See Diagram 4.

Diagram 4



Diagram 5



- 7) Coil the pigtail as shown in Diagram 5, and you're done!
Note - Image shows old version with loom, new ones will not have wire loom installed.

