

## Making Electric Connections for Wired Retrofit Lights.

It is important that electric connections are tight and will not come loose. Loose connections can be a fire hazard. If you are not comfortable or unsure of a good connection, please consult a professional installer. M4 is not responsible for loose electric connections between the retrofit LED and RV.

We **do not** recommend **soldering** and heat shrinking connections, we recommend mechanical connectors. The reason soldering is not recommended is that soldering one end of the wire can loosen or damage the solder connection at the LED plate itself via heat transfer through the wire.

Applicable Retrofit LEDs will include two types of connections, crimps and wire nuts, in the box. Use one or the other.

**WIRE CRIMPS – Preferred method.** Wire crimps require a special crimping tool to squeeze the crimp. Inexpensive tools are available at your local auto parts or hardware store. Follow the directions with the tool. After crimping, pull firmly on the connection to ensure it is secure, if not, re-crimp. It is recommended to cover crimp connections with electrical tape as well.

**WIRE NUTS** – Require no tool. You must ensure a wire nut connection will not come loose with movement. Install the wire nut per the diagram below. After the nut is installed and tested by pulling, **you MUST cover the connection with electrical tape**, this will ensure the wire nut does not back off in time.

