

M4 Taillight Strip LED Installation Guidelines

Please note that every installation is different, thus these guidelines cannot be vehicle specific. Some installations may require lengthening of wires, we suggest purchasing plug-in extensions from your local auto parts store when necessary. Any kit with the main strip component altered will be void the warranty. Alteration to the plug-in extensions for installation is acceptable.

KIT CONTENTS:

- **Two combined Strip Lights with adhesive backs.** Standard 4 pin flat trailer connector plus male bullet to plug reverse wire into a standard 5 pin flat trailer connector.
- **Reverse extension wire with female bullet connector** – used to tap into a reverse wire in the vehicle loom if there is no standard connector available on the vehicle.
- **Flat 4 pin trailer connector extension** – used if the standard trailer connectors are not to be used or not present.
- **5x Blue Tap Splices** – to connect extensions to a vehicle wiring loom if necessary.
- **5x Red Butt Crimp Connectors** – to connect to existing vehicle trailer prep wires if they are not already terminated but are available.
- **4 Zip Ties**

Optional Item – a 5 wire flat trailer wire to standard 7 pin trailer connector is available separately from this kit to plug the strip light combination directly into a 7 pin trailer connector (also available at local auto parts stores)

SAFETY:

- This kit requires basic 12 volt wiring. If you are not comfortable with basic 12v vehicle wiring, please consult an experience installer.
- This kit uses your vehicle trailer wiring, or taps into your vehicle wiring harness. Ensure all standard lighting on the vehicle is working properly after installation and before driving.
- This is an auxiliary light kit and not made to replace your standard lighting system, only supplement it.
- Consult your legal codes on using auxiliary lighting prior to use.
- M4 accepts no responsibility for damage or alterations during installation. If you are not comfortable with the installation or changes to be made, Stop and Return the item.

OVERVIEW:

This kit can be installed several ways depending on the vehicle, location, and desired results. We do not give vehicle specific installation instructions. The wiring uses standard trailer coloring. If plugged into a properly wired and functioning vehicle trailer plug, it will work as is. The LED strips will light half bright in Red with the vehicle running lights. The LED strips will light full bright when the brake is activated. One strip will flash full bright with the left turn signal, and one strip will flash full bright with the right turn signal. When the vehicle is put into reverse, separate bright white LED modules on the strip will activate. Vehicles with separate Amber turn signals may require an additional module.

- White Wire – Ground
- Brown Wire – Vehicle Running Lights
- Yellow Wire – Left Turn Signal and Brake Light
- Green Wire – Right Turn Signal and Brake Light
- Blue Wire – Reverse Lights

INSTALLATION GUIDELINES:

Depending on the installation, you most likely will not use all the installation accessories in the kit. These are general installation guidelines.

1. Lay the strips in a Warm Area to relax them from packing or warm them with a hair dryer or similar. Do not install them cold. When they are warm they will lay flat, and the adhesive will adhere better.
2. Determine where you will install the strips. Ensure the location gives you ample length to plug it in or reach the vehicle wiring. **DO NOT STICK IT IN PLACE AT THIS POINT.**
3. If using an existing vehicle standard trailer 7 pin or 5 pin plug, plug the strip light in and test all functions of the strips. Note 5 pin connectors are vehicles are less common, most are 4 pin. If you have a 4 pin, you will need to use the reverse wire extension and attach that to the vehicle harness.
4. Note which strip blinks with the right turn signal, and which one blinks with the left turn signal. When it comes time to stick them to the vehicle, they must go on their appropriate side.
5. If you are not using an existing vehicle trailer connector to activate the strip lights, there is a 5 pin extension included in the kit as well as two types of splice connectors. Use the appropriate connectors. Do not completely sever your vehicle harness, use the splice connectors if tapping into a harness that is leading to an existing light. Some vehicles have a “trailer ready” harness near the license plate, if you are connecting to that harness use the butt connectors. You must determine which wires to use by finding a vehicle specific wiring diagram and/or use a wire tester, we cannot assist with this. If you are unsure, consult an experienced installer. If you are unsure how to properly connect either type of wire splice, consult an experience installer or the Internet on using these items properly. Cover any spice with electrical tape after testing to keep the connection dry and clean.
6. After the wiring is finished and tested, you may install the strip lights with the attached adhesive. Clean the area thoroughly with rubbing alcohol or window cleaner. Warm the surface AND the adhesive tape for best adhesion. Peel the backing off the strip, hold it very straight, and put into place. Press firmly. Installed correctly on a clean surface, the adhesive tape is very strong. Do not remove and re-adhere it or the tape will be compromised.
7. The kit also includes optional screw in clips to better secure the strip to the vehicle if you wish. If you do not use the clips, you may consider some clear RTV sealant around the ends of the strips to help prevent lifting. The included zip ties can also be used to hold the strips, or to manage wiring.

Enjoy the added safety and functionality of your Axillary LED Strip Lights!