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Expandable Circuit Installation Instructions

Warning: The improper installation of this Expandable Circuit will void all included warranties.

This Expandable Circuit is designed to easily connect to any 12 volt vehicle accessory that is located in your fuse panel without having the need to cut and splice into any of your vehicle's existing wiring.

1. Prior to installing the Expandable Circuit, disconnect the negative side of your vehicle's battery.
2. Strip the lead power wire of the lighting kit that you are installing.
 - The lead power wire is usually red or it is black with a white strip running the length of the wire.
3. Insert the lead power wire into the open end of the butt connector that is on the red wire coming off of the Expandable Circuit.
4. Once the lead wire is inserted into the butt connector, use a crimping tool to crimp the butt connector and secure the connection.
5. Locate your fuse panel and select a fuse that does not exceed 10 amps to power your kit.
 - This may be a constant (un-switched) or an ignition (switched) 12 volt source, depending on the fuse you choose.
 - Choose a non-vital fuse source to power your kit, a couple of good examples would be your radio, cigarette lighter, or rear defroster. Others devices may also be used and acceptable, but are not listed here.
6. Be sure the fuse source that you select is consistent with the type of installation you want.
 - If you would like your kit to be powered when you turn your key then you would need to select an ignition or switched power source.
 - If you would like your kit to be powered independently from the ignition switch then you will need to select a constant or un-switched power source. **NOTE: This type of installation may drain your battery if your kit is left on and unattended. Just remember the kit will have power at all times, even when the vehicle is turned off.**
7. Remove the original fuse from the fuse panel of the device you have chosen to bridge power from.
8. Plug the removed fuse into the open fuse socket of the Expandable Circuit.
9. Replace the fuse you removed from your fuse panel by inserting the Expandable Circuit into its empty spot.
10. Once the Expandable Circuit is installed, reconnect the negative side of your battery.
 - Be sure to connect the black ground wire from your kit to a good ground source or bare metal location.

Effective 4/13/13

For Full Warranty Information Visit LEDGlow.com