

LitePLATE™

Installation Document

Off Road Only

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This document is intended to aid in installation of LitePLATE™ in combination with a quick removable mounting bracket such as the Rock Hard 4x4 Parts spare tire mounting bracket.

If you are mounting this on a Wrangler JK, we have a specific manual for the wiring on that model on our website at www.offroadonly.com. Simply search for PL-6 and there will be a link in the product description to the manual.

Parts in kit:

- LitePLATE™ License plate light with weather pack connector installed
- 6 ft harness with weather pack connector installed
- 3 solder seal connectors

Tools needed to install will vary by application, minimum tools needed:

- Wire cutter
- Wire Stripper
- Heat gun (High heat hair dryer may work)
- Utility knife or other sharp knife



Assembly

1. Position license plate and LitePLATE™ bracket together.
2. Mount license plate and LitePLATE™ using 1/4" fasteners. (Not included with the LitePLATE™ kit).
3. Route the wire as needed along the tire carrier or to what ever you mounted the bracket on, make sure to leave loops where the carrier opens or other areas that may require more wire during operation. Restrain wire to carrier as necessary. Fish the wire from the bottom of the tub up through the hole in the tub where the lights are mounted. Splice in wire as appropriate.
4. When wiring the LitePLATE™ in the center of the vehicle, you may use the red LED's as a 3rd brake light, but to do this you must tie the brake circuit ONLY to the red LED's, not the turn signal/brake light combination signal you will get at the taillight. If the Jeep has a factory 3rd brake light assembly, use the wires on the Passenger side of the vehicle for splicing in the LitePLATE™ wires.

Wiring color code:

On the LitePLATE™, the wiring is color coded as follows:

Tail / License plate light ----- Green
Brake ----- Red
Ground ----- Black

JK wiring harness can be found in the passenger side corner

- A. Green ----- White/Violet
- B. Red ----- White/Brown
- C. Black ----- Black

On the connector the wire code should match the following:

Terminal A	Tail	Green
Terminal B	Ground	Black
Terminal C	Brake	Red

On the harness end to splice in, the harness is as follows:

Tail	Green
Ground	Black
Brake	Red