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Savvy Off Road's new LED Taillights are the most innovative and have the least exposed surface area of any stock Jeep Wrangler (1989-2006) lights available.

This new design is made of machined 6061-T6 aluminum stock that is formed to bolt in to the existing mounting holes. No cutting of the tub. Bright brake, turn signal, driving, side marker, backup LEDs and reflectors make up this kit. They are DOT compliant. The Savvy design is trail tough and the many LEDs build redundancy into the lighting.

Installation is as easy as unscrewing the existing lens and housing. Then splicing your existing stock plug with the below color scheme. The solid white wires should be attached directly to the Savvy Housing. You will notice the bare aluminum countersunk mounting holes on the anodized models (anodized finish does not conduct electricity.) Should no lights come on remove more of the coated from the countersink hole to get a better ground.

We are testing a couple of different crimp splice kits. I'm hoping for a little feedback.

To splice:

1. Cut off existing plug from the stock tail light housing (leave 4" of working room)
2. Cut and strip wires 3/8"
3. Crimp both sides Figure 1
4. Heat shrink tube until it is snug on the wires (don't melt it!) Figure 2
5. Completed splice



Figure 1. Slide on heat shrink tube before you twist and crimp the wires.

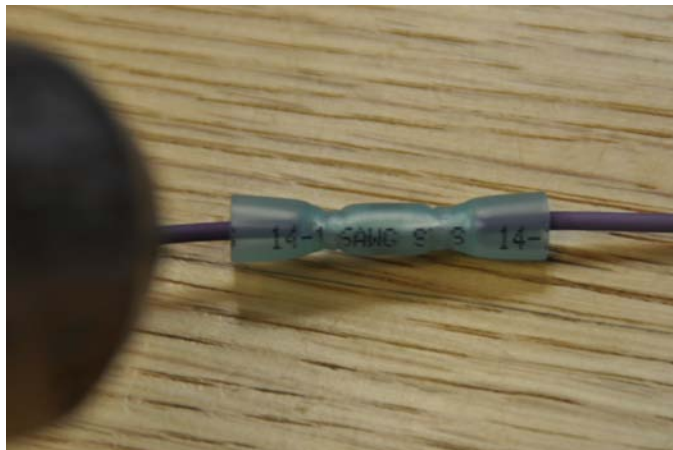


Figure 2. Use a heat gun or other heat source to reduce the tube to make a water proof seal.



Figure 3: Complete heat shrink splice

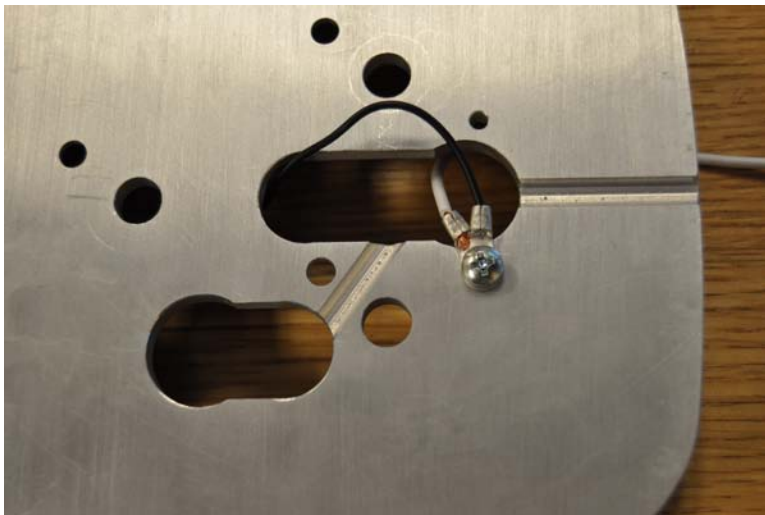


Figure 4: Housing Ground Lug – Use for tail, marker and license plate lights

The LED Light and Side Marker Wiring is as follows:

LED Light

Jeep Wrangler 2000-2006

- |                       |   |
|-----------------------|---|
| • White = Ground      | Attach to Ground Lug on Housing                               |
| • Green = Backup      | Purple/Black Stripe or White/Green Stripe                     |
| • Red = Brake/Turn    | Green/Red Stripe (left side) or Brown/Red Stripe (right side) |
| • Brown = Driving     | Black/Yellow Stripe or White/Yellow Stripe                    |
| • Black = Side Marker | Attach to Housing (use eye crimp)                             |
| • Red = Side Marker   | Black/Yellow Stripe or White/Yellow Stripe                    |

Parts List (some of the parts may already be installed)

- 2 - Savvy LED lenses
- 2 - Savvy Side marker lenses (installed in housing)
- 2 - Savvy machined housings
- 8 - Black Phillips pan head machine screws (fasten lenses to the housing)
- 6 - SS Countersunk Phillips screws (mount housings to the tub)
- 6 - Heat shrink crimp butt splices
- 4 - Crimp on Eye Connector #8 (attach to back of housing for ground)
- 2 - Pan head Phillips 8 x 1/4" (attach ground lug and side marker white wire to housing)