



•5801 Pleasant Valley Rd  
•Platteville, WI 53818  
•Phone: (608) 348-4880  
•Web: <http://4xinnovations.com>  
•Email: [Adam@4xinnovations.com](mailto:Adam@4xinnovations.com)

## License Plate Light Wiring Kit Install

Congratulations on purchasing your new 4x Innovations License Plate Wiring Kit. Included in this manual are package contents, and installation guide. This document consists of a guide and is not an absolute instruction manual. Professional installation and attention to details is required for best finished results. If you have any questions please call us at 1-608-348-4880.

### Package Contents:

1 x 4ft Wire	2 x wire tap
2 x non insulated butt connectors	2 x insulated blade terminal
1 x piece of shrink wrap	1 x length of stretch wrap

### Caution:

1. This installation should be performed by a qualified professional.
2. Always wear proper Personal Protective Equipment, including but not limited to Closed Toed or Safety Shoes, Safety Glasses, Hearing Protection, Face Shield, and Gloves.
3. Always have a fire extinguisher in reach while working in and around your vehicle. Interior panels are made from vinyl and other plastics which burn VERY easily; under carriages can be covered in oil and road grime which also burns easily.
4. Working around vehicles is inherently dangerous. You and the installer are responsible for your actions. Take general care while working on a vehicle.

### List of Required Tools:

Wire Strippers	Terminal Crimp
Utility Knife	Dielectric Grease
Heat Source (ie. Heat Gun, Lighter, Torch, ect.)	Zip Ties

### Install

1. Using a 10mm socket, remove the Brake Light housing assembly by removing the two bolts located inside the tailgate opening.
2. Pop the light out by pushing it toward the outside of the vehicle
3. Fill the wire taps with dielectric grease as shown in figure 2.
4. Locate the white and black wires and the solid green wire and close the wire taps over the top of them gently squeezing with a pliers to ensure good contact.



Figure 1 - Tail light bolts



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5. Crimp the spade terminals to the wire and fill the end of the spade terminal full of dielectric grease.
6. Route the wire through the loom, hook the positive lead to the green wire and the negative to the white and black, and replace the tail light.
7. Run the wire down to the swing out, and then out to the license plate mount using zip ties to secure the loom.
8. Insert the bolt lights through your license plate and then through the mounting bracket. Tighten them down.
9. Slide the shrink wrap over the wire groups and crimp the negatives and positives together and then crimp the truck side of the harness to that.
10. Heat the shrink wrap with a heat source until it is fully settled. (for added corrosion protection place hot glue on the joint before sliding the shrink wrap over)



Figure 2 - Quick Tap



Figure 3 - Wire colors

Congratulations You're done!