

---

---

## Pantera Electronics LED License Plate Light Installation Manual

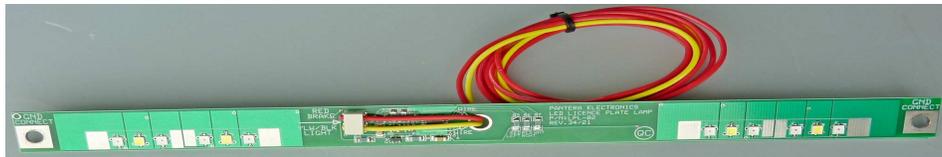
---

---

This LED conversion for the license plate provides white light for the license plate illumination and an unique built-in brake indication as well. 8 high intensity LED's are automatically turned on while the white LED's are turned off during braking conditions. This allows for greater visibility of the Pantera during braking conditions at night.

Features and Benefits:

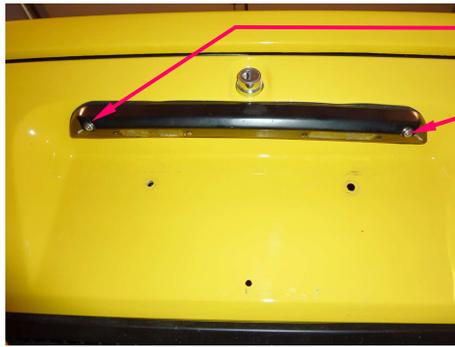
- > 4 High intensity, efficient white LED's for the license plate illumination.
- > 8 High intensity, efficient red LED's for braking indication.
- > Very low power requirement, lowers current requirement across the rear wire harness.
- > Uses the factory mounting holes and hardware.
- > Simple 2 wire factory connections to the Pantera wire harness.
- > Rugged construction, no filament to break, brilliant LED white and red light.
- > Designed specifically for the Pantera, easy installation in 30 to 40 minutes.



This is not a re-touched photo.  
This light on the floor is from the LED license plate white light.

This is not a re-touched photo.  
This light on the floor is from the LED license plate in the brake mode using red LEDs.





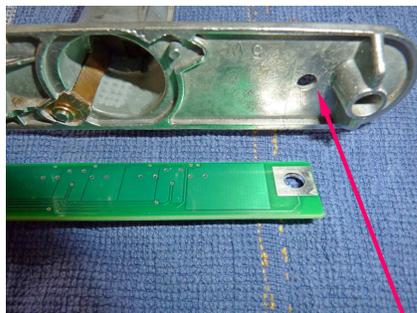
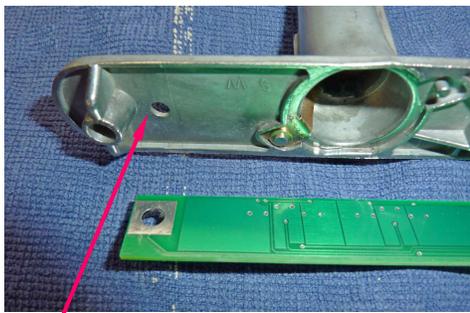
Remove (2) screws that mount the lens housing.

Remove both light bulbs.

Remove (3) screws that mount the light bulb socket bracket.

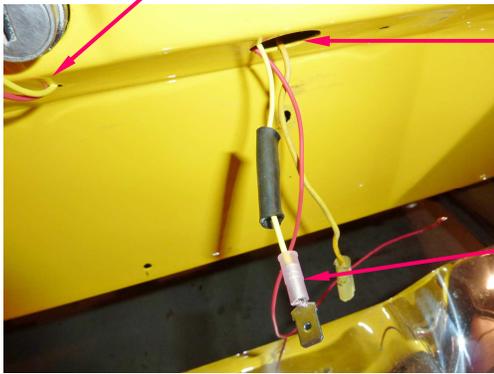
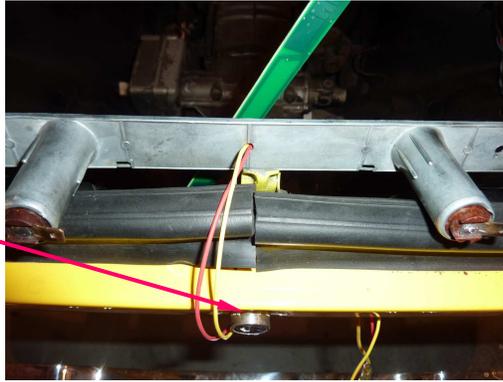


Lower the light bulb socket bracket and disconnect the wires to the light bulb sockets.



The mounting bracket must be clean and not have corrosion where the LED License plate conversion spacers mount. The reason for this is the LED License plate ground connection is accomplished through the spacers.

Fish the yellow wire from the LED License Plate Light through the center mounting hole.



Then fish it through the factory wire hole where one of the yellow wires passes through.

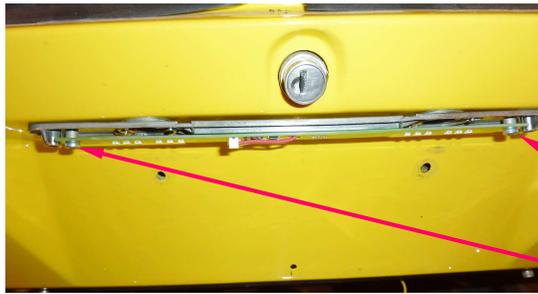
Crimp a *MALE* red quick disconnect terminal on the yellow wire.

Use a PVC sleeve or electrical tape to insulate the *MALE* red quick disconnect.



Use the factory mounting screws to assemble the LED License Plate Light board with the light bulb socket bracket and mount to the body. Use the spacers between the LED board and the factory bracket.





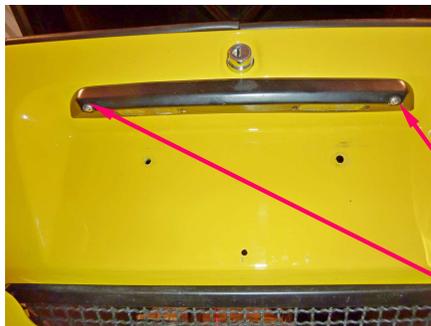
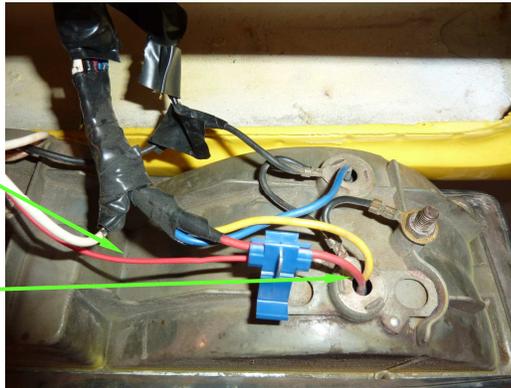
Tighten the screws feeding the wires through the hole first.

Remove 4 screws and remove the lens from one of the rear taillights.

Remove the 2 nuts that retain the taillight housing from the body and lower the taillight housing.

Find the red wire on the back of the taillight housing and connect the red wire from the LED License Plate Light to the red wire on the housing.

In the picture a 3M Scotch-Lok is used but any suitable connection can be used.



Before the lens housing is mounted turn on the parking lights to make sure the LED License Plate Light illuminates. Test the brakes to make sure the LEDs switch from white to red.

After the test, mount the lens housing using the factory hardware.

**NOTE:** It's important to keep this installation manual for future reference since revisions to this product change the contents of the installation manual.

### Disclaimer

The products from Pantera Electronics have been designed and manufactured with the best quality components known to the engineer. The installation instructions have been written to assist the owner in the proper use and installation of the products. Pantera Electronics can not be held responsible or held liable for the interpretation or incorrect implementation of the products.