



2501 Ludelle Street
Fort Worth, Texas 76105
817-244-6212 Phone • 817-244-4024 Fax
888-350-6588 Sales • 800-423-9696 Tech
E-mail: painless@painlessperformance.com
Web: www.painlessperformance.com

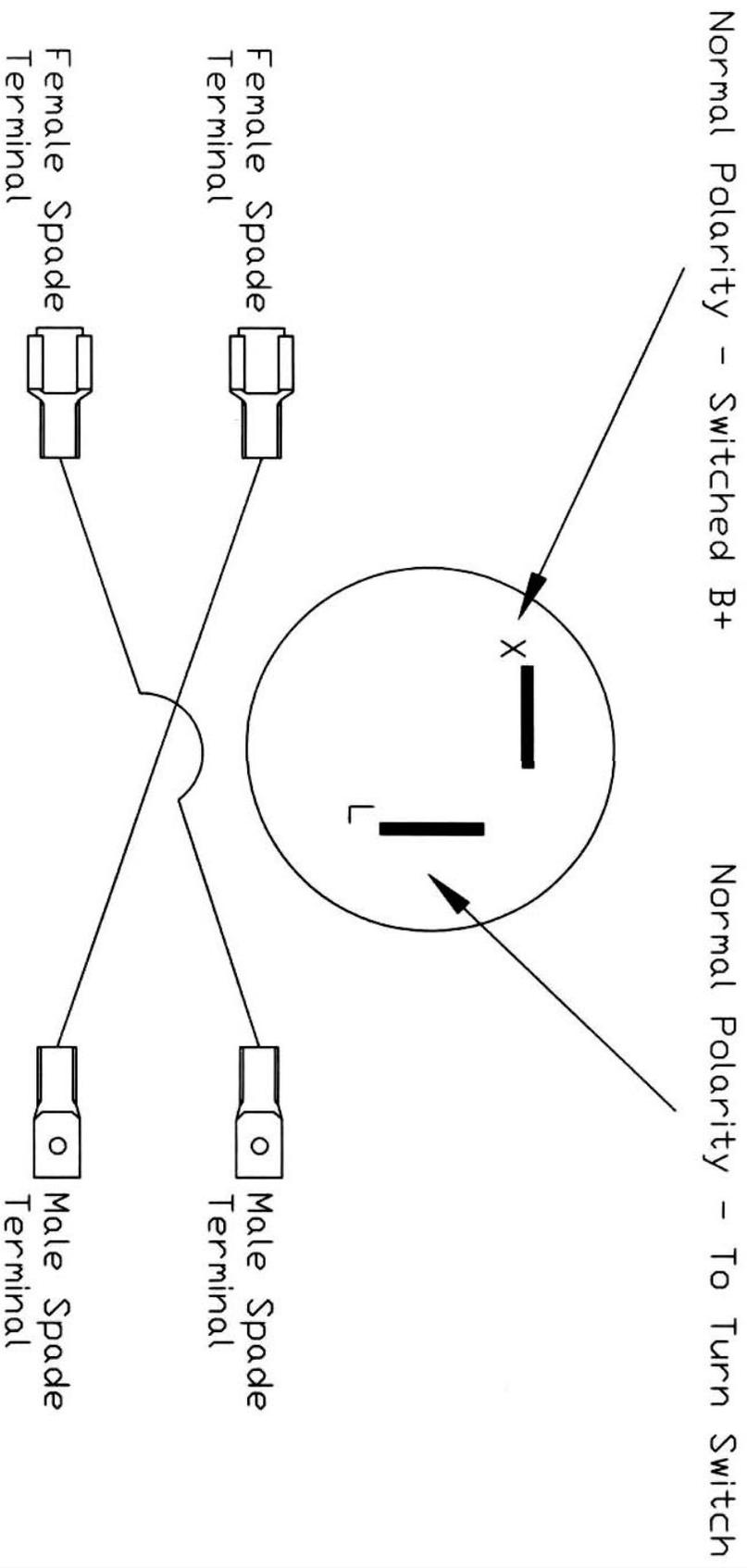
80230

No Load “L.E.D.” Flasher Installation Instructions

The 80230 flasher is designed to handle up to 25 amps of turn signal or hazard lamps. In addition to the No Load “L.E.D.” flasher, this kit contains one self-tapping screw and one star washer to connect the separate ground on the flasher.

Note: This flasher can be used with most combinations of LED lights and incandescent bulbs, as long as the total current does not exceed 25amps.

- 1 Determine which flasher in your vehicles’ fuse block is the turn signal flasher. The simplest way to do this is to turn the ignition switch to the (ON) position and then turn on the turn signals. Now reach under the dash and remove the turn signal flasher from the fuse block. If the correct flasher was removed, the turn signal indicator light on the dash will no longer be illuminated. If the hazard flasher was removed, then the turn signal indicator light will still be illuminated. Most vehicles have two separate flashers, one for the turn signals and one for the hazard lights.
- 2 Turn the ignition switch back to the off position.
- 3 Install the No Load “L.E.D.” flasher into the same position of the thermal flasher which was just removed in step one. (On some vehicles, it may be necessary to reverse the polarity of the two spade terminals on the flasher, by making two short pigtailed with one female spade terminal and one male terminal on each.) **See Illustration.**
- 4 Using the included self-tapping screw and star washer, attach the black wire coming out of the top of the flasher to a good chassis ground. The wire should be long enough to attach directly to the firewall, next to the fuse block. It may be necessary in some vehicles to extend this wire.
- 5 Test the turn signals by turning the ignition switch to the on position and applying the turn signal switch.



On some vehicles it may be necessary to build these two jumpers in order to reverse the polarity to the flasher.

Painless Performance Limited Warranty and Return Policy

Chassis harnesses and fuel injection harnesses are covered under a lifetime warranty. All other products manufactured and/or sold by Painless Performance are warranted to the original purchaser to be free from defects in material and workmanship under normal use. Painless Performance will repair or replace defective products without charge during the first 12 months from the purchase date. No products will be considered for warranty without a copy of the purchase receipt showing the sellers name, address and date of purchase. You must return the product to the dealer you purchased it from to initiate warranty procedures.

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