



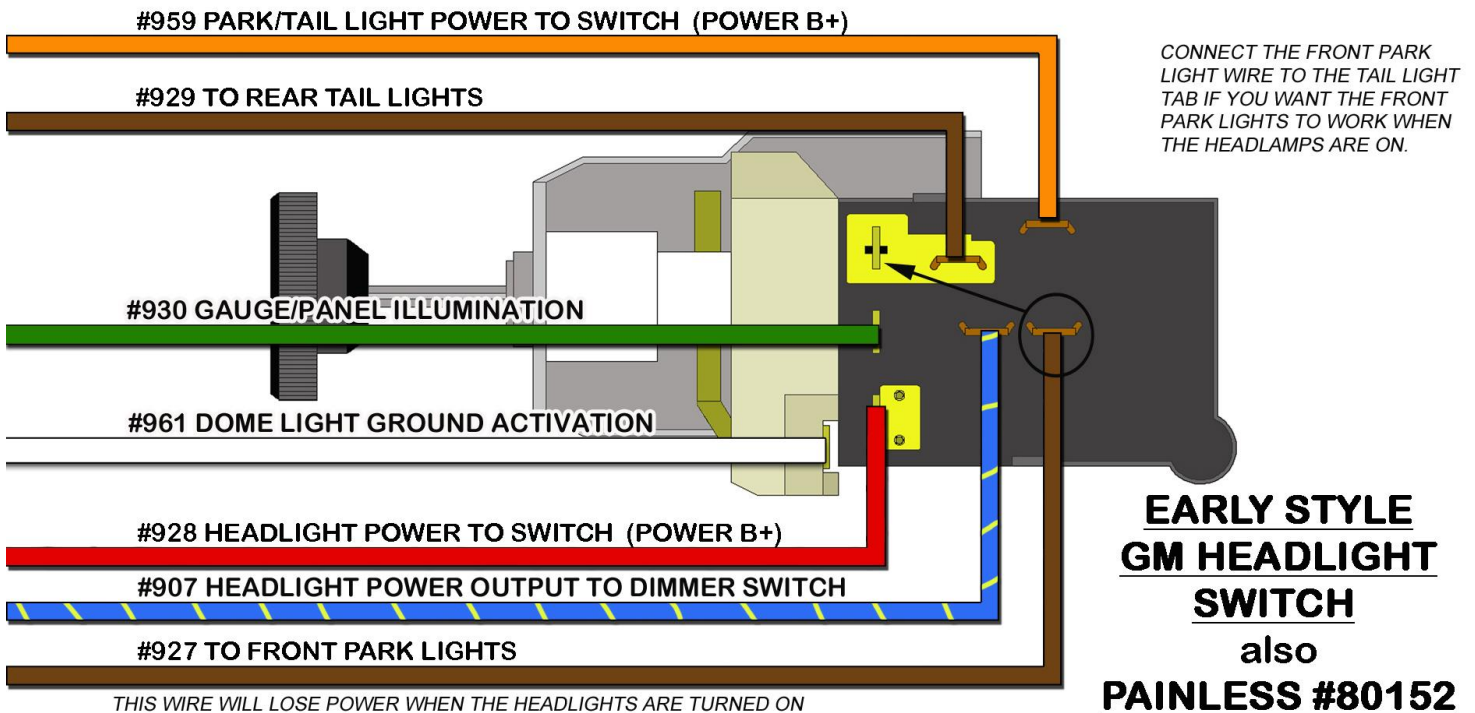
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## Part #80152

### GM Style Headlight Switch Wire Connections

Wire #959	battery power input from the fuse block
Wire #929	wire going to the tail lights
Wire #930	wire going to the dash lights
Wire #961	wire going to the dome/courtesy light ground
Wire #928	battery power input from the fuse block
Wire #907	wire going to the dimmer switch
Wire #927	wire going to the park lights

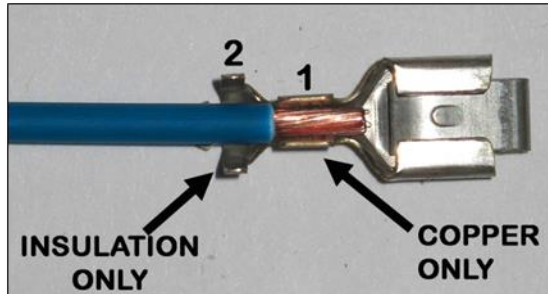
**NOTE:** When used by GM, these switches were designed to turn the front park lights OFF when the headlights are ON. Some later style switches do not have a tab where the #927 wire is showing to connect. On those switches, where the tab is omitted, or those wanting the front park lights to stay ON when the headlights are ON, connect the #927 front park light wire to the terminal next to #929 (see arrow below). Your wire colors may vary.



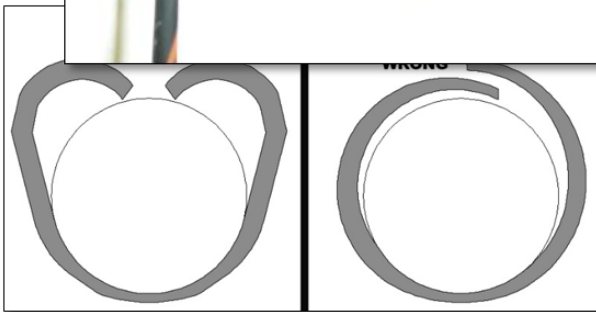
supplied with this kit. Painless offers “Jaw Crimpers,” such as those seen to the right, under Painless part #70900.



### INSTALLING FACTORY STYLE TERMINALS



2. Strap 1 crimps the exposed copper strands of the wire, while strap 2 crimps the wire insulation. Make your strip length long enough to ensure only copper strands are crimped by Strap 1 but short enough that only insulation is crimped by Strap 2. The photo to the left best demonstrates this.



- Strip about  $\frac{1}{4}$ " of insulation off of the wire.
- Insert the wire into the terminal. There are two terminal straps on the terminal. For instructional purposes, we will label them 1 and 2. Strap 1 crimps the exposed copper strands of the wire, while strap 2 crimps the wire insulation. Make your strip length long enough to ensure only copper strands are crimped by Strap 1 but short enough that only insulation is crimped by Strap 2. The photo to the left best demonstrates this.
- Using the appropriate jaw on the crimpers, crimp Strap 1. The appropriate jaw depends on the wire gauge as well as the terminal stiffness. If you are unsure which jaw to use, you can always start with the biggest and work your way down until you get a tight crimp.
- With Strap 1 crimped, move onto crimping the insulation strap: Strap 2. Place Strap 2 into the appropriate jaw of the crimpers. This jaw will be larger than the one used to crimp the first strap. Crimp down on Strap 2 making sure the strap folds down into the wire, and not overlapping itself. Refer to the drawing to the left. Overlapping could cause problems with the terminal fitting into the factory connector.

#### **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 seller's 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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