

Wiring Headlight Relay for 6V (+) Ground Cars – Relay Connections Using a Single Relay for High and Low Beam Switching

Note: Polarity may or may not matter, some relays have a diode between pins 86 & 85. Therefore the connects need to be reversed from a negative ground car. To account for a diode, use the connections shown below.

Pin 86 is normally the Trigger terminal, but with a diode it should be used as the ground connection

Pin 30 is the Power In Terminal and connects to the Battery side of the Starter Solenoid. This would have to be through a switch to that it could be used to turn the low beams off when headlights were not wanted.



Pin 87 is the Power Out Terminal to the headlight high beams.
Pin 87a is Power Out Terminal to the headlight low beams.

Pin 85 is normally the ground Terminal, but with a diode it should be used as the Trigger Terminal and connects to the cut wire from the dimmer switch.