

FITTING INSTRUCTIONS

Relay Patch Loom - NHWA01RPL



Fitting Time: 15 Minutes Approx.

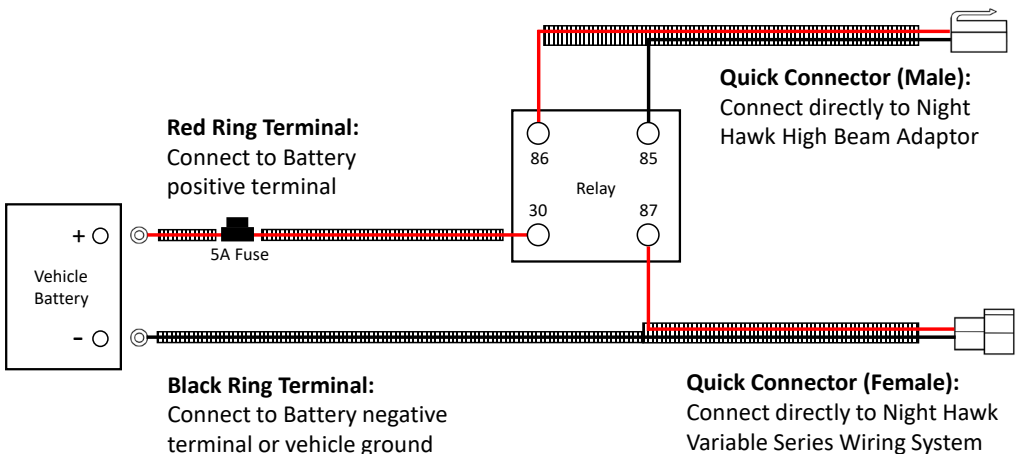
This Relay Patch Loom is designed to be inserted in between the vehicles high beam signal and the Night Hawk Variable Series wiring system to solve intermittent operating issues when installing Variable Series lights into vehicles which use a Pulse Width Modulated (PWM) signal on the high beam circuit of the headlights. Some known vehicles that might display intermittent issues include 2011 onwards Ford Ranger's, VW Amarok's and Jeep Wrangler's, however other vehicles may also be affected. It is always recommended to check if the fault is present before installing this patch loom to avoid unnecessary installations.

This patch loom is designed to be plug and play with our range of Night Hawk High Beam Adaptors. Refer to the wiring diagram below for connection details.

Wiring Diagram

*For use on 12VDC vehicles only

*It is recommended to remove the negative battery cable from the vehicle battery during installation of wiring looms.



If using this loom without a Night Hawk High Beam Adaptor, the Male Quick Connector can be cut off and the red wire (+) and black wire (-) can be connected into the high beam circuit as follows:

For positively switched vehicles

Connect the red trigger wire to the positive (+) side of the high beam circuit; commonly the positive (+) high beam switching wire at the headlight or the high beam fuse in the fuse box. Connect the black trigger wire to the negative (-) side of the high beam circuit; commonly an earth connection at the head lamp or on the body of the vehicle.

For negatively switched vehicles

Connect the red trigger wire to the positive (+) side of the high beam circuit; commonly a constant positive (+) wire at the headlight or positive (+) terminal of vehicles battery. Connect the black trigger wire to the negative (-) side of the high beam circuit; commonly the negative (-) high beam switching wire at the headlight.