

V-Twin Mfg.
HID Bulb installation
VT. No 33-1055

This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

Note: HID Headlamps may not be street legal in your state and is intended for off road use only.

Note: Knowledge of basic wiring is essential to the successful installation of this product. Refer to the maintenance manual for the wiring diagram of your specific model motorcycle.

This HID bulb kit requires drilling a hole in the headlight bucket to route the wires supplied in this kit. Placement of the relays, ballast and additional wiring is left at the discretion of the installer, as available space will vary with each model motorcycle. In some instances you will have to cut and splice wiring to fit it into the headlight bucket.

Note: If replacing existing sealed beam a 4H replacement reflector lamp unit must be purchased separately.

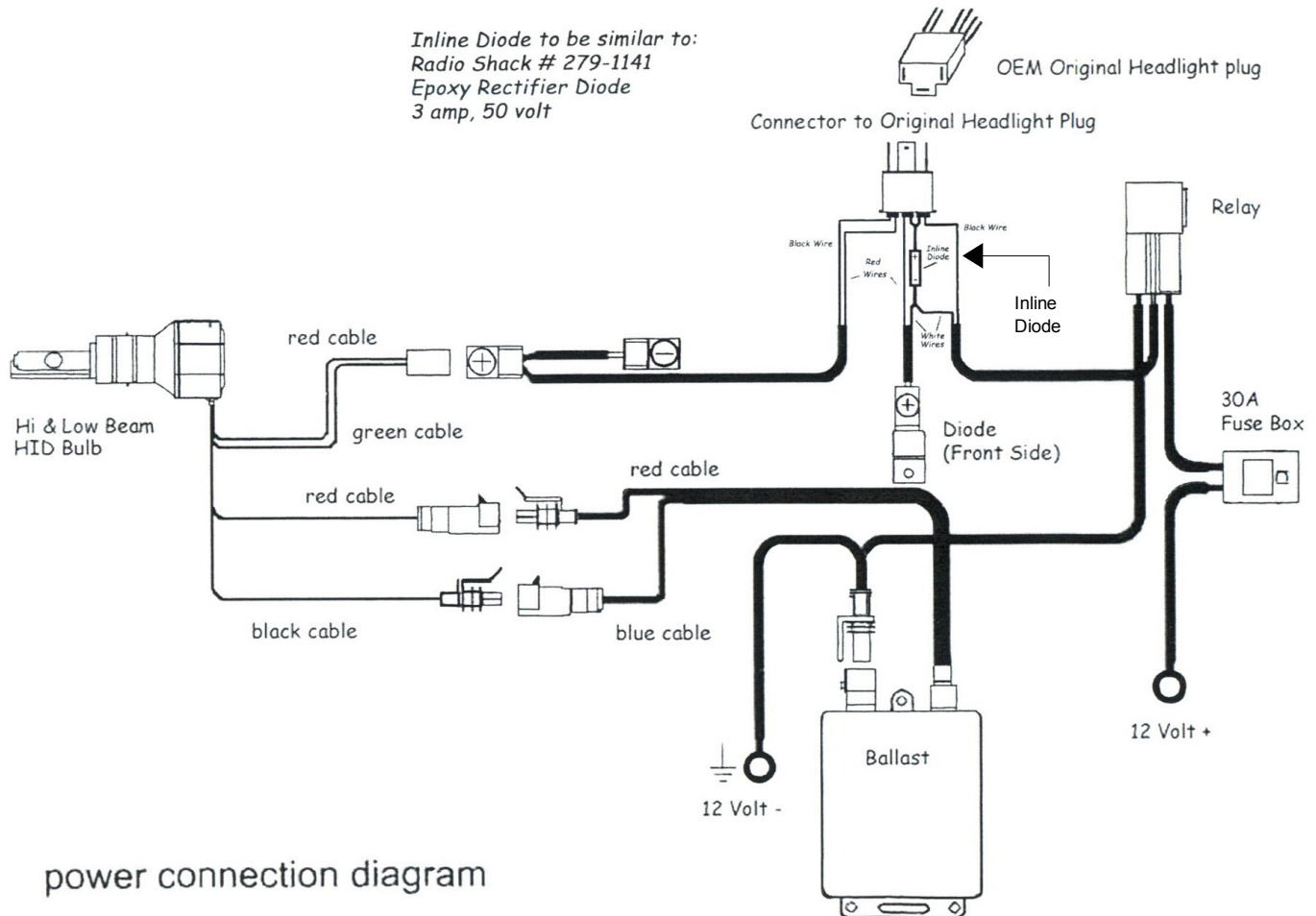
Installation Instructions:

1. Disconnect the battery.
2. Remove the OEM headlight bulb.
3. If required, drill a 7/16 hole in a suitable location of the headlight bucket to allow for the wiring. Place a grommet in the hole to protect the wiring. (not supplied).
4. Feed the headlight power cord (3 pin connector) into the headlight bucket and plug it into the OEM headlight plug.
5. Place the HID bulb into the H2 reflector lens and feed the bulb wiring through the hole in the headlight bucket. Secure the lamp assembly into the motorcycle.

Note: It will be necessary to remove the HID deflector on OEM H4 lenses with built in deflector.

6. Locate a suitable place to securely mount the relays and ballast unit.
7. Attach the ground wire (BLACK) to a suitable ground.
8. Connect the HID bulb wires and the thin (Red/Green) high/low control wire to the POSITIVE diode.
9. Connect the Ballast to the harness.
10. Route the power cord (RED) and fuse to the battery and attach it to the positive terminal.
11. In order for the passing lamps to be turned off it will be necessary to install a separate inline diode. See diagram below.
12. Reconnect the battery.

WARNING: Insure the wiring will not chafe or contact any part of the motorcycle that can damage the wiring.



power connection diagram