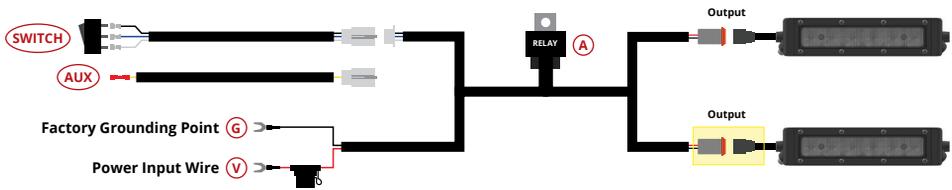


Heavy Duty 2-Pin Wiring Harness

Thank you for your purchase of this Diode Dynamics Wiring Harness. Using standard Deutsch DT style connectors, this harness can be used with our Stage Series LEDs without backlight functionality, or for other power supply needs. Basic installation instructions are included below. Please contact us if you have any questions.



1. Determine a suitable location to mount the relay, (A) near the battery or main power terminal.
2. Connect the red power input wire (V) to the positive battery/power terminal. Connect the black ground wire to the negative battery terminal or a factory grounding point. (G)
3. **METHOD ONE - Add New Switch to Vehicle.** Determine a suitable location to mount the switch in the cabin of the vehicle. Route the switch wiring to that location. This may require going through the vehicle firewall. We recommend following the path of the factory wiring harness, and unplugging the switch while routing the wires. Drill a 3/4 inch hole and mount the switch. Reconnect wires to switch. (SWITCH)

NOTE: The gold spade on the switch should be connected to the black (ground) wire.

METHOD TWO - Use OEM Upfitter/Auxiliary Switch. An extra wire pigtail is included with this harness, which should be used if you plan to control your lights with a factory-installed "OEM" switch. At the white connector, unplug the switch wires from the harness, and connect the extra pigtail here instead. Using the butt connector at the end of the pigtail, crimp the yellow wire to an OEM Auxiliary Switch wire lead. (AUX)

NOTE: Power will be drawn from the battery, so any OEM Auxiliary Switch wires can be used, regardless of amperage rating.

4. Route the output wire(s) to each LED, avoiding any moving parts or direct contact with heat sources. Plug the output connector into the LED. If you have purchased the single-output harness, you will not have a second connector.
5. Test thoroughly, and aim the LED appropriately based on use. Please check your local laws and regulations regarding aiming, installation, and restrictions for on-road use, as applicable.

This installation guide is for the following SKUs:

DD4031 Offroad Harness Single Heavy Duty

DD4045 Offroad Harness Dual Heavy Duty