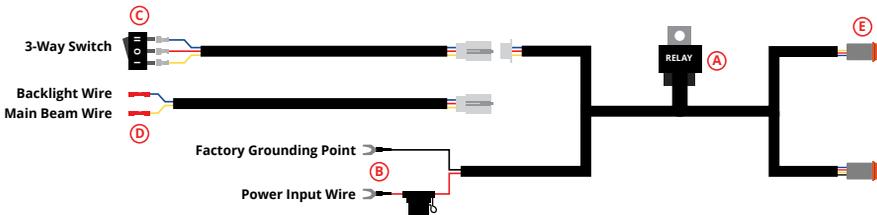


Heavy Duty 4-Pin Wiring Harness

Thank you for your purchase of this Diode Dynamics Wiring Harness. Using Deutsch style connectors, this harness is intended to be used with Stage Series LEDs with backlight functionality. **This harness should not be used on a 24V system.**

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 to the positive battery/power terminal. Connect the black ground wire to the negative battery terminal or a factory grounding point. (B)
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, with the red wire in the center position. (C)

METHOD TWO - Use OEM Upfitter/Auxiliary Switches. An extra wire pigtail is included with this harness, which should be used if you plan to control your lights with factory-installed "OEM" switches. At the white connector, unplug the switch wires from the harness, and connect the extra pigtail here instead. Using the butt connectors at the end of the pigtail, crimp the yellow wire and blue wire to OEM Auxiliary Switch wire leads. The yellow wire will activate the main LED power, and the blue wire will activate the backlight LED power. (D)

NOTE: The main LED 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. (E)
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:

DD4093 Heavy Duty Dual Output 4-pin Wiring Harness
DD4104 Heavy Duty Single Output 4-pin Wiring Harness

DD4123 Ultra Heavy Duty Single Output 4-pin Wiring Harness
DD4124 Ultra Heavy Duty Dual Output 4-pin Wiring Harness