

DIODE DYNAMICS

PERFORMANCE LIGHTING TECHNOLOGY

2015+ Ford F-150 Switchback LED Board Installation Guide

Thank you for your purchase of this unique product for your new F-150! With these modules, you will be able to improve the function of your factory-installed LED DRLs inside the headlight. They are a direct replacement for the factory LED panels, which illuminate these bars.



1. After opening the headlights, remove the white reflector with the light pipe, by removing the screws holding it in place.
2. Remove the factory LED board with aluminum heatsink by unscrewing the retaining screw, then prying off by pulling it away from the plastic tab on the light pipe. Cutting the tab will not affect the performance in any way, and is recommended for easier installation.
3. Remove the factory LED panel from the heatsink by unscrewing the two screws on the white plastic piece. Set the plastic piece aside. The LED panel will be stuck to the aluminum due to adhesive. Pry up with force on the end of the factory LED panel, and it will come apart from the metal heatsink.
4. Remove factory LED panels, by unclipping factory LED panels directly from the driver board near the turn signal.
5. Place the new LED panels into position. If possible, use the original tape to hold in place, then refasten the screws with the white plastic piece.
6. Reattach the module to the end of the light pipe. Again, this is easier if the plastic retaining tab is clipped. Screw into place.



| DD WIRE | PIN | DRIVER WIRE | PASSENGER WIRE |
|---------|-------------|--------------|----------------|
| YELLOW | TURN SIGNAL | YELLOW/BLACK | YELLOW/BLACK |
| WHITE | FAHNS | BLUE/GRAY | BLUE/GRAY |
| RED | IGN | VIOLET/WHITE | VIOLET/WHITE |
| BLACK | GROUND | BLACK/GRAY | BLACK/GRAY |

Wiring Instructions

7. First, connect the board connector to the Switchback driver output. Connect the Switchback driver input to the pigtail. Finally, tap the bare wires to the wiring harness. See Wiring Method Diagram above. **The black wire must be grounded before any function will work.**

IMPORTANT: DO NOT plug the LED panel directly into pigtail without the driver. The LEDs must be plugged into driver first to control the power.

8. Mount driver and tuck all wires. Driver should be mounted outside of headlight for serviceability, in a location away from the engine block to avoid excessive heat buildup. Test thoroughly, reseal headlight and reinstall onto vehicle.

