

# 2017+ Ford Super Duty OEM LED Headlight Conversion Wiring

This is intended as a reference guide only.  
We are NOT responsible for incorrectly installed headlight packages



With the original headlights removed, which may require bumper/grille and other vehicle components to be removed as well, ensure all of your components are ready to install.

For this setup you should have ONE Left Side LED Headlight (with LED ballast installed on the bottom), ONE Right Side LED Headlight (with LED ballast installed on the bottom), ONE Left Side Harness (drivers side) and ONE Right Side Harness (passenger side).

Start with the PASSENGER SIDE setup first as this has more plugs/connections.

When mounting any relays or brainboxes - they should have all wires/connections facing DOWN so water or moisture can not pool and seep in.

When mounting the BLUE RESISTOR boxes, these MUST be mounted to a metal surface and with AT LEAST 3-4 inches of clearance from any plastic components or wires. These get VERY warm and can melt and damage components.

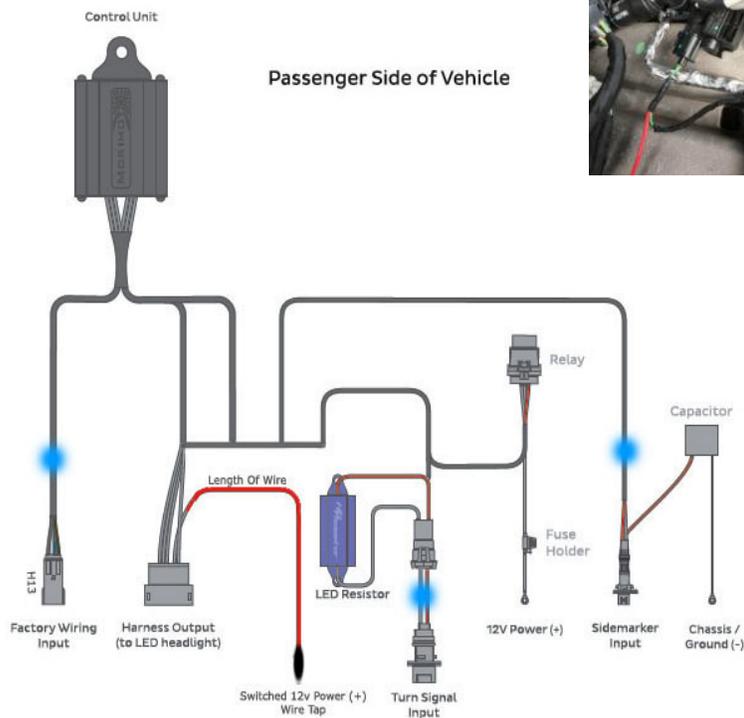
Each plug is labeled with it's corresponding connection - For example, "OEM Connection" refers to the original socket that plugged into one of the halogen headlight bulbs.

Please email with questions and if support is needed - this installation should typically take 2-3 hours with basic hand tools (excluding bumper/grille removal for access).

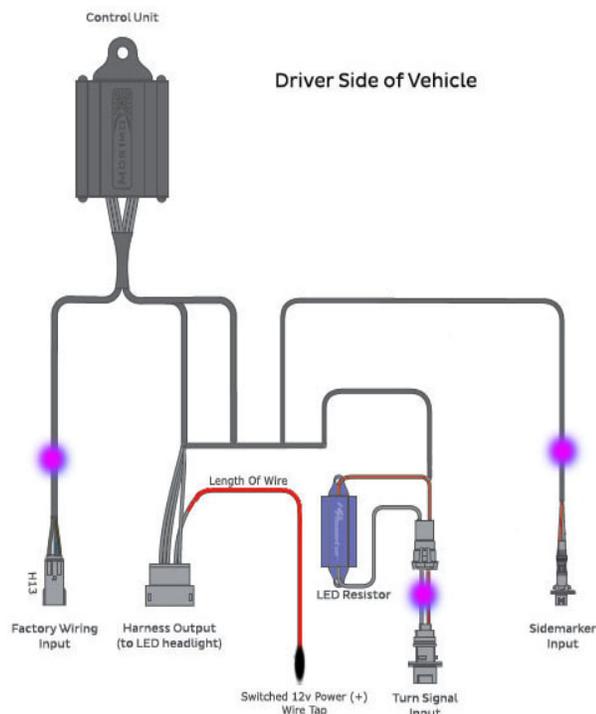
support@blackflamecustoms.com

**The ONLY wire that needs to be "tapped" into is a SWITCHED 12volt positive wire in or near the trucks fusebox (engine bay). This can be found by confirming which fuse and connected wire is HOT or ON only when the switch is in the ON position in the vehicle.**

***This wire taps into the GREEN WIRE on the EGR bypass valve on the PASSENGER side of the vehicle. Picture noted***



= These plugs are zip-tied together as a group for easier connections



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