

# **2017-2019 OEM LED Super Duty TRUCK to 2020-2022 OEM LED Super Duty HEADLIGHTS**

## **Installation Instructions**

### **WIRING KIT CONTENTS:**

- (2) Headlight Harnesses
- (1) DRL Fuse Tap Harness (*option B noted below*)
- (1) Optional LED High Beam Bars/PODS (*external*)

**PLEASE NOTE:** The OPTIONAL high beam trigger WIRES (*one per side*) are your external high beam trigger wires, should you choose to run an EXTERNAL set of high beams (light bars, light pods – etc.) – (*this is one longer NON terminated wire per side*)

**Once your front end conversion is completed (ie. bumper, grille, supports, brackets - etc.), THIS is the final step/steps to install and set up your new 2020-2022 LED headlights**

**STEP 1**

-Layout the harness and all components to TRIPLE check you have everything.

**STEP 2**

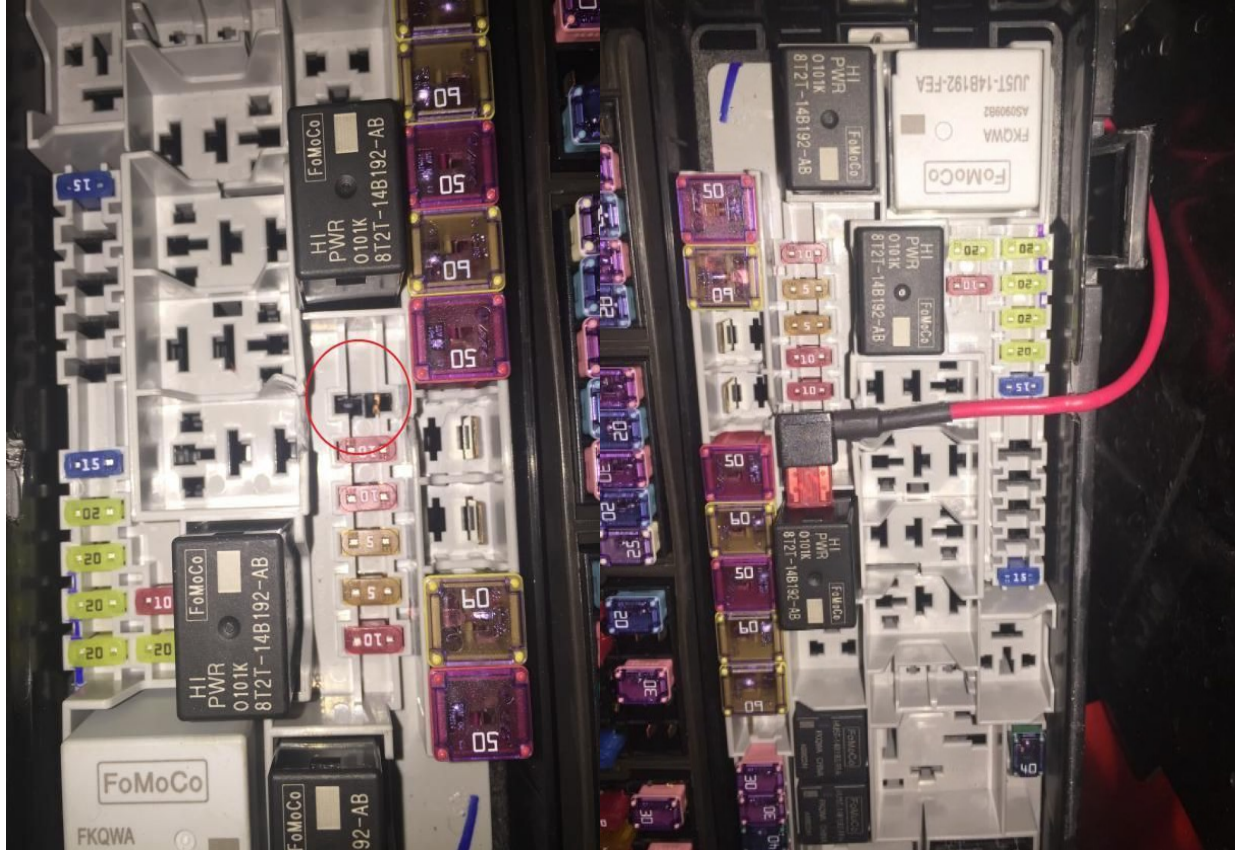
-Plug in the new LED harnesses to the truck side of the vehicle (one harness per side)

**STEP 3**

-Take out the DRL fuse tap wire harness and plug into the AMP connections coming off each side harness. Running the DRL wire across the core support for driver side connection is required.

**STEP 4**

-Run DRL harness to the fuse box located on the passenger fender well near the fire wall plug. Connect the fuse tap to FUSE 35. A notch will have to be made for the wire to run out of the fuse box. Make sure fuse tap is inserted as shown in the picture below and exiting to the FENDER side of the box.



### **STEP 5 (optional)**

-Connect the PINK/BROWN wires to an external LED high beam (*light bar, light pod - etc.*)

### **-STEP 6**

-Test headlights.

### **----- WIRE HIGH BEAM USE-----**

The 2020-2022 LED headlights have TWO built in computers each. These will NOT allow the internal high beams to work on a truck that is NOT a 2020+ built vehicle.

In order to have WORKING EXTERNAL high beams you must utilize the 12-18" BLANK wire (one per side) on whatever LED light pod or light bar you choose. We have optional ones listed on our website when ordering this kit.

If using these wires DIRECTLY to an LED light pod or light bar, please ensure total power draw PER pink wire is no more than 35watts. If you are using a high power light bar for example you MUST utilize an external relay harness with it. In this case the PINK/BROWN wire will simply trigger that harness to turn on - NOT power it.

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**PLEASE EMAIL US for support as and if needed. Please ensure these instructions are read in full and understood PRIOR to installation day.**

**SUPPORT@BLACKFLAMECUSTOMS.com**