



THE AUTOMOTIVE LIGHTING BENCHMARK

## 2009-14 FORD F-150 XB LED TAIL LIGHTS INSTALL GUIDE

**WARNING:** By reading this document, you agree it is only to be used as an educational guide. Morimoto Lighting nor its dealers make guarantees on any finished results, nor are they to be held responsible for any damage, misuse, or personal injuries. If you are unable to clearly understand and adapt the information below, professional installation is recommended.

### PACKAGE CONTENTS



2X TAIL LIGHT ASSEMBLIES

### TOOLS REQUIRED

8MM SOCKET OR WRENCH  
ZIP TIES

**IMPORTANT:** If your vehicle is equipped with anything but OEM turn signals (full assemblies, LED bulbs, or otherwise) in the headlights or elsewhere: You may experience a hyper flash and/or problems with the sequential signal setting on these tail lights. This is not a defect in the tail light, and caused by un-matched impedance with your original vehicle settings.

# INSTALLATION PROCESS

1. Lower the tailgate. Remove the two (2) 8mm bolts from the tail lights (Image #1). Pull the tail light out to remove it. (Image #2).



Image #1



Image #2

2. Disconnect the OEM connectors (Image #3) by pressing the release tabs then sliding the connectors off the sockets (Image #4).

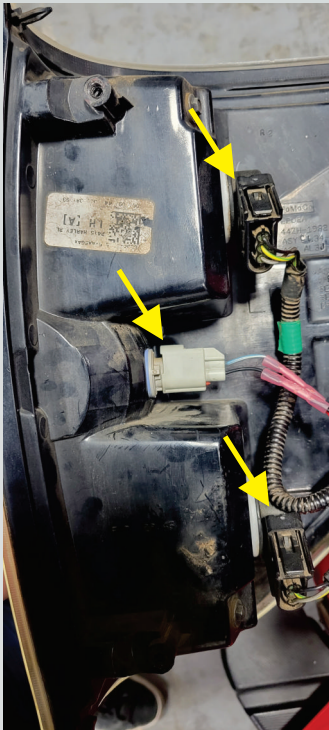


Image #3

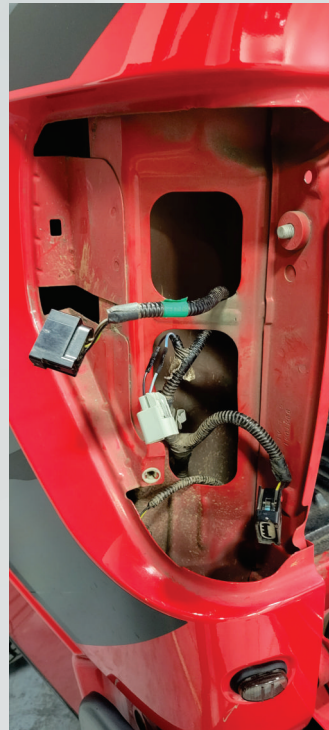


Image #4

3. Relocate the upper factory harness on the truck from the upper cavity (Image #5) to the lower cavity (Image #6).

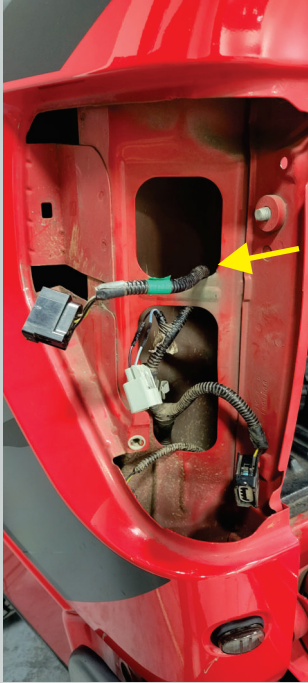


Image #5

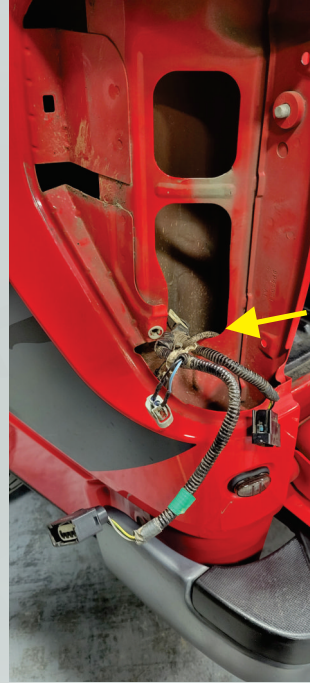


Image #6

4. Plug in all loose connectors from vehicle (Image #7) into tail lights (Image #8).

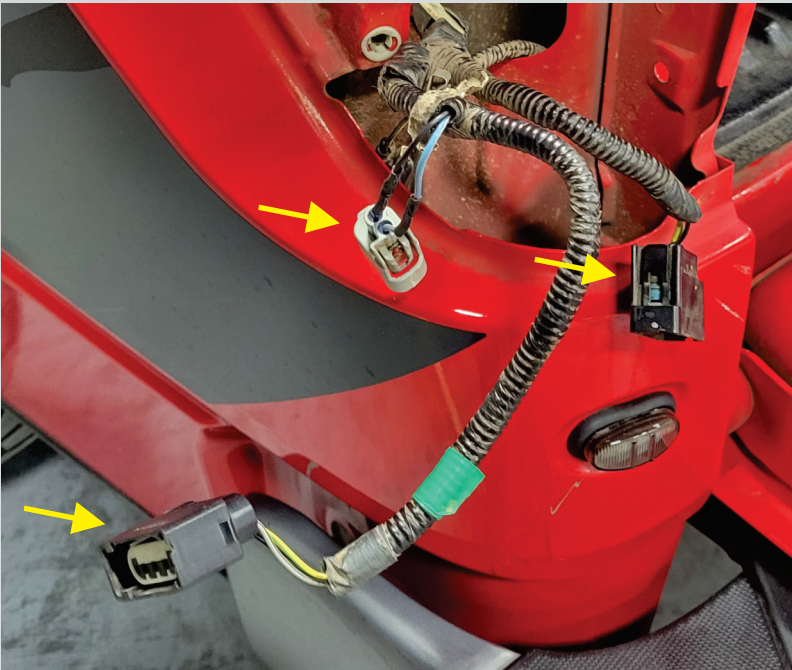


Image #7

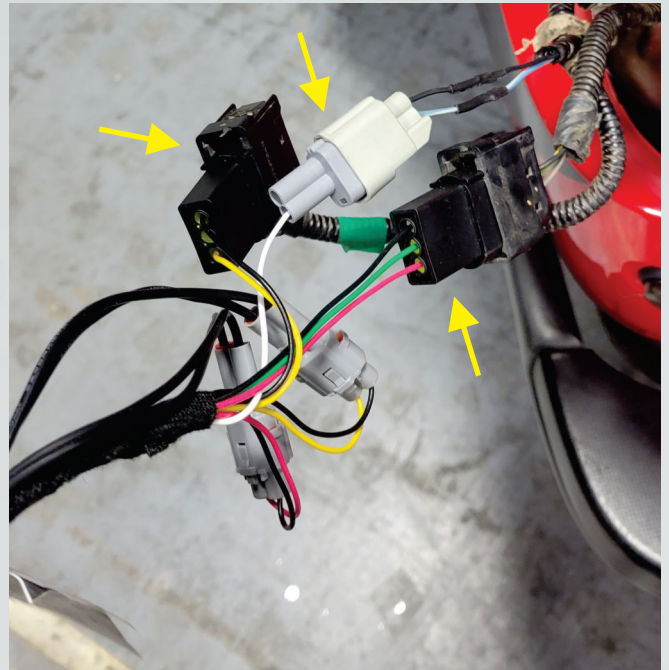


Image #8

5. Locate the upper load resistor connector on tail light (Image #9) and unplug it (Image #10). Route load resistor connector into upper tail light cavity and reconnect within lower tail light cavity (Image #11).



Image #9

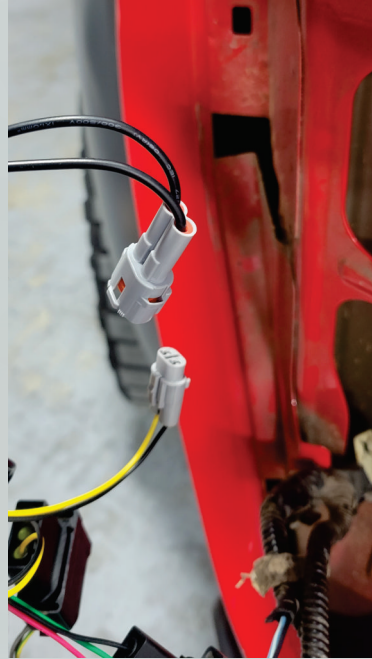


Image #10



Image #11

6. Install the tail light on to the truck. Reinstall the factory 8mm bolts and hand tighten.

7. Repeat steps 1-6 on the other side of the truck.

8. For steps on installing the optional Boost Bar, see page 5.

9. Turn on the truck and go through all modes to confirm the tail lights function properly.

10. Enjoy your new Morimoto XB LED Tail Lights!

-END-

## BOOST BAR INSTALLATION INSTRUCTIONS

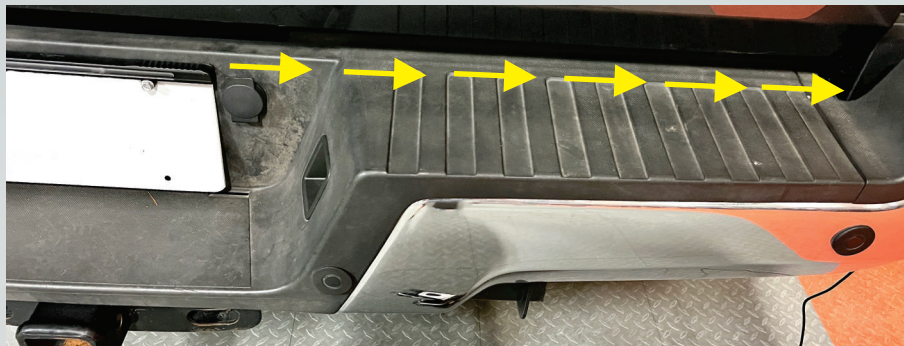
1. Remove your license plate. Bolt in the boost bar to the license plate holes. Mark on the bumper where the wiring should route through it.



2. Drill a 1/4in hole in your bumper. Pass the wiring through. Reinstall your license plate with the Boost Bar.



3. Route the wiring behind the bumper, towards the right light (Passenger Side), along the top and secure using zip ties.



4. Run the wiring up through the tail light cavity and plug into the right Morimoto tail light. Secure wiring with zip ties.

