

# DIODE DYNAMICS

PERFORMANCE LIGHTING TECHNOLOGY

## BiXenon HID Installation Guide

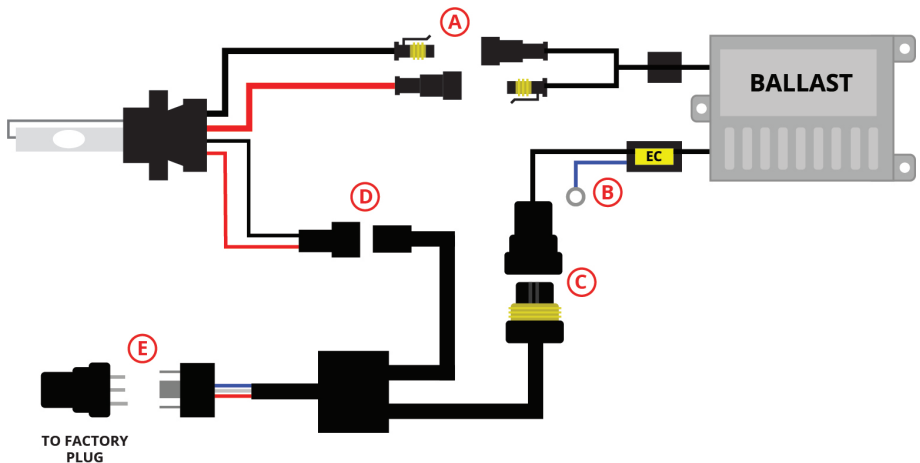
**READ FIRST:** Turn vehicle completely off before beginning installation. Disconnect the negative battery terminal for safety. Please refer to your vehicle's owner's manual for specific instructions on headlight removal. These instructions serve only as a guide and Diode Dynamics is not responsible for any damage or loss caused by installation. By installing these products, the user acknowledges and agrees to be responsible for any risk and damage caused. Our warranty is only applied with proper installation of the items, as described, and does not cover installation error.

**What's included:** two ballasts, two HID bulbs, 3M mounting pads for the ballasts, two bixenon adapters

**3 YEAR**  
WARRANTY

**Tools Needed:** socket wrench, 1" drill bit to drill a hole in your dustcaps (if applicable)

**Estimated Time:** 60-120 minutes



**1. Remove factory bulb:** Reference your vehicle's manual for instructions on accessing the bulb. You may need to remove a dust cap from the back of the light assembly. Unplug the factory connector from the back of the bulb. Then remove the bulb from the socket.

**2. Install HID bulb:** Remove the protective cover from the HID bulb, being sure not to touch the glass of the bulb itself. Place the HID bulb into the headlamp socket, and securely mount it in the socket.

*See back for further instructions.*

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**3. Connect the ballast to the bulb:** Plug the circular connectors coming from the bulb into the corresponding ballast connectors **(A)**.

**\*\*Optional:** If radio interference exists after installing kit, connect the blue wire from the ballast to a ground point on the chassis **(B)**.

**4. Connect the ballasts to the bixenon adapter:**

Connect the bixenon adapter power output to the ballast input connector **(C)**. Then plug the remaining black plug on the bulb to the corresponding plug on the bixenon adapter **(D)**.

**5. Connect the bixenon adapters to the socket:**

Connect the bixenon adapter to the factory socket **(E)**. Repeat the above steps for the other side of the vehicle.

## TESTING YOUR KIT

Before you mount your ballasts into place and hide the wires, test your kit. Make sure all connections are secure. Test the system with the vehicle off, and with the vehicle on, started and running.

## TROUBLESHOOTING

**1. If both bulbs do not turn on:**

Check the pin configuration on the bixenon adapters. Each of the configurable pins on the bixenon adapters **(E)** corresponds to high, low, and ground wires and must be matched up correctly in order for the bulb to function as intended. Test these out in the socket to determine the correct configuration. Switch the combinations of the three pins in the socket using a small screwdriver or paperclip until the correct combination has been determined.

**2. If one bulb does not turn on:**

Try switching components to the opposite side to determine whether any single component is defective.

**3. If you experience flickering or any bulb out errors:**

This is the result of a non-standard electrical system in your vehicle. Please contact Diode Dynamics directly for assistance.

Please contact **Diode Dynamics** should you have any questions about the installation or wiring process, at **314-205-3033** (9a-5p CST) or **contact@diodedynamics.com**.

Visit **www.diodedynamics.com** to find more products for any vehicle.

**100% SATISFACTION  
GUARANTEE**

**3 YEAR  
WARRANTY**

