

DIODE DYNAMICS

Single Beam without Relay HID Installation Guide

TESTING YOUR KIT

Before mounting your ballasts into place and hiding the wires, test your kit. Make sure all connections are secure. Connect the negative battery terminal back to the battery and turn on your lights. Test the system with the vehicle off and with the vehicle on, started and running.

TROUBLESHOOTING

1. If one bulb does not turn on at all:
 - A. Please try switching the red and black signal wires from Ⓜ. The polarity must be correct to the factory connector.
2. If both bulbs do not turn on:
 - A. Please first re-read the guide and make sure everything is properly connected. If you have a main headlight plug, be sure it is plugged into to your headlight.
 - B. If the kit still is not working, it is very likely that your vehicle's factory wiring is not delivering enough power, and you will need a Universal HID Relay to deliver more power to the kit.

NEED MORE HELP?

Scan the QR code to link to our online troubleshooter.

You may also visit the troubleshooter on our website at www.diodedynamics.com.



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**



DIODE DYNAMICS

PERFORMANCE LIGHTING TECHNOLOGY

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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

**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 the 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. Remove the bulb from the socket.

2. Install the HID bulb: Remove the protective plastic cover from the HID bulb, being sure not to touch the glass of the bulb itself. Place the HID bulb into the headlamp socket.

**If your vehicle uses dust caps, drill a 1" hole in the dust cap in order to run the wires out of the headlight. The included grommet will be used to seal this new hole from condensation.

3. Plug in the signal wires: Take the black and red signal wires with plug connector and insert them into the headlamp power socket inside the headlight. (A) This is the plug that you previously disconnected from the factory bulb. Try to match the wire colors, so that the black signal wire lines up with the black wire in the plug (if applicable).

4. Connect the ballast: Plug the larger connector coming from the grommet into the ballast's input plug. (B) Plug the circular connectors coming from the bulb into the corresponding ballast connectors. (C)

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

