

Troubleshooting: Bulb/Ballast Not Turning On

It may be useful to perform a direct battery test to determine if the problem with your HID kit has to do with a component(s) of the HID kit (bulb or ballast) or with the interface of the HID kit with the stock wiring/electrical system of your vehicle.

To do a direct battery test, the leads/pins that are connected to the stock wiring will instead be touched to the power and ground terminals of a live battery. You can mimic several on-off cycles by simply touching/removing one of the leads. Do the HIDs perform as they were when connected to the vehicle? If so, then the problem is with the HID kit. If the HID kit works fine during the direct battery test, then the problem with the HID has to do with its compatibility with the vehicle. Depending on the particulars, the solution may be to purchase a wiring harness, to check for loose connections, to purchase error code eliminators.

LOW BEAM BULBS

This can be done very easily with low beam bulbs that have metal spade connectors (pins) on the adapter wire (H1, H3, H7, 880, H16, H13 low beam, etc). For bulbs that have plastic shell connectors, either the pins/spades need to be removed from the shell (easier for some bulbs than others; generally strategy described below) or leads need to be attached to the pins/spades that can then be connected to the battery terminals.

To remove the pins from the shell connector, you'll need to insert a small screwdriver (jeweler's screw at the base of the plug where the pins barb that is flared keeps the pin from connector. Using pin to flatten the time, give a firm back of the plug. slide out.

After doing the insert the pins, carefully flare the it will catch as it's inserting the pin



Red Wire = Positive Terminal on Battery

Black Wire = Negative Terminal on battery



driver, etc) or a pick/awl pin on the side of the are protruding. There's a away from the pin that sliding out of the shell the tool, push up on the barb and at the same tug on the wire from the The wire with the pin will

direct battery test, to re-please gently and barb up a little bit so that supposed to upon re-into the plug.