



**BAVARIAN AUTOSPORT**

# Angel Eye Headlight Wiring Instructions

**NOTE:** This installation sheet covers the required conversion of the parking/turn signal light bulb sockets when installing the Angel Eye headlight assemblies in the 5 series (E39) 01 thru 03. These applications should have two wires going to each park/turn signal harness plug and bulb socket. If your vehicle has three wires, you are either looking at the wrong harness or you may not need to make this conversion. In this case (three wires), test fit your original park/turn bulb sockets into the new headlight assembly. If the sockets fit properly into the mounting points for the park/turn lights **DO NOT** perform this conversion.

## 5 Series

01 thru 03

### KIT NUMBERS:

E39LHL-BXXXXXX

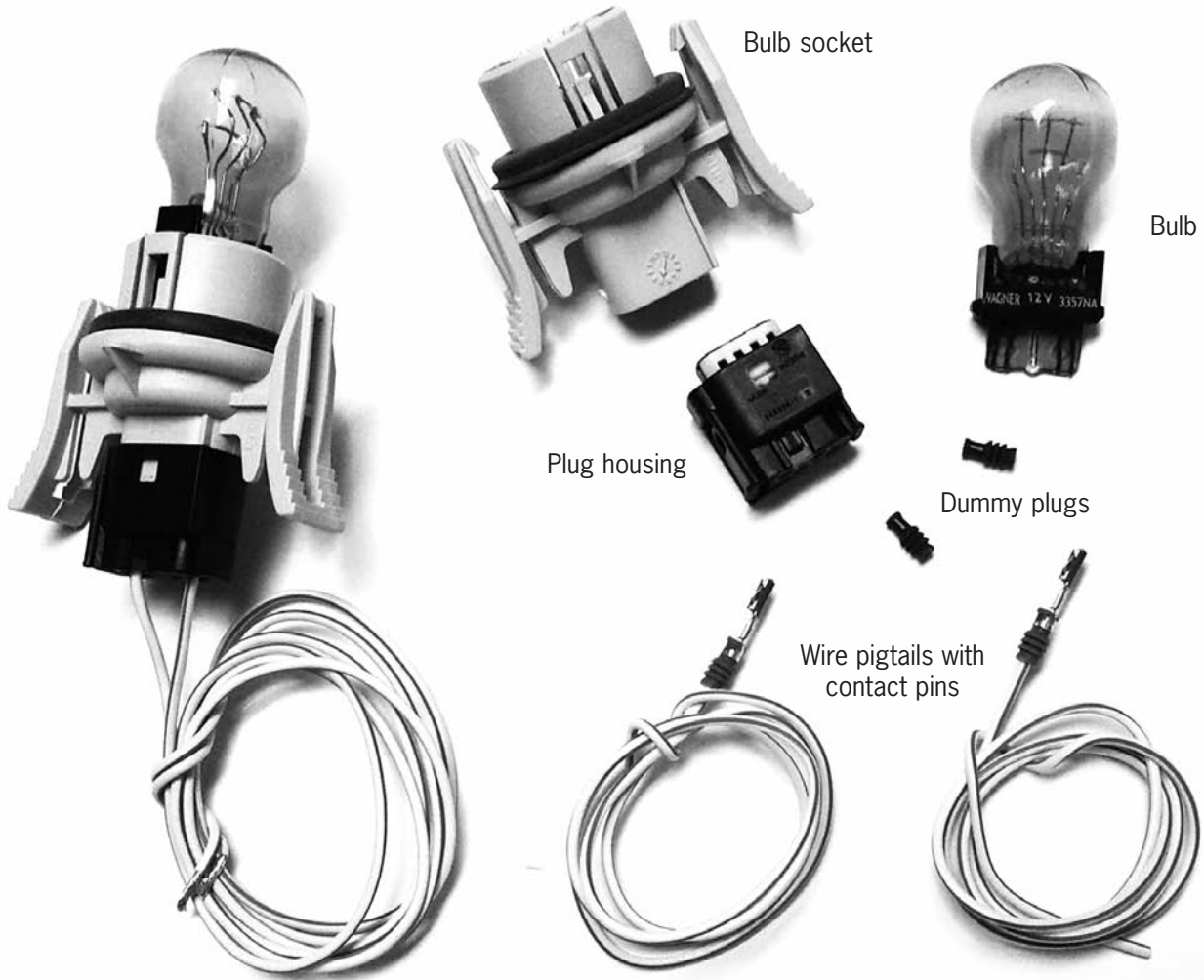
Angel Eye Headlight Kits

### PROCEDURE:

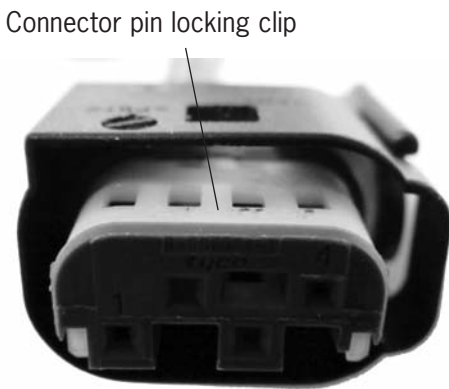
1. Assemble the new harness plug and wiring pigtails.
  - A. Arrange the parts to be assembled; bulb socket, bulb, plug housing, wire pigtails with contacts, dummy plugs. See Figure 1.
  - B. Assure that the white locking clip on the plug housing is in the unlocked, "up" position. The wire contacts will be inserted into positions 1 and 4, in the plug housing. After pins are fully inserted, push clip down to lock. Note that the wire contact pins have a small flange on one side. See Figures 2 and 3.
  - C. Position the plug housing as shown in Figure 3. Insert the contact pins into positions 1 and 4, with the flange (on the pins) pointing upward, as shown in Figure 3. Insert each pin into the housing until the silicone seal is fully seated in the housing and the pin snaps into place. When fully seated, the pin cannot be pulled out.
  - D. Insert the two silicone dummy plugs into the remaining holes in the plug housing. When complete, the assembly should look like Figure 4.
  - E. Snap the white locking clip "down", on the plug housing. See Figure 2.
2. Cut the original parking/turn signal harness plug from the vehicle harness (as noted above, make sure there are only two wires to this plug, before cutting).
3. Use the supplied in-line crimp connectors to affix the new harness plug wire pigtails to the vehicle's two wires. These connectors are intended to be heat sealed after crimping. Use a soldering iron or mini butane torch to gently heat the sleeves of the connectors (do not apply the flame or contact of a soldering iron directly to the connector or wires). This will activate the adhesive and shrink the ends of the sleeves, sealing the connections against corrosion.
4. Assemble the new bulb sockets and bulbs and install them into the headlight assemblies.
5. Plug the converted harness plugs into the new bulb sockets.



Call Toll Free: **1.800.535.2002**

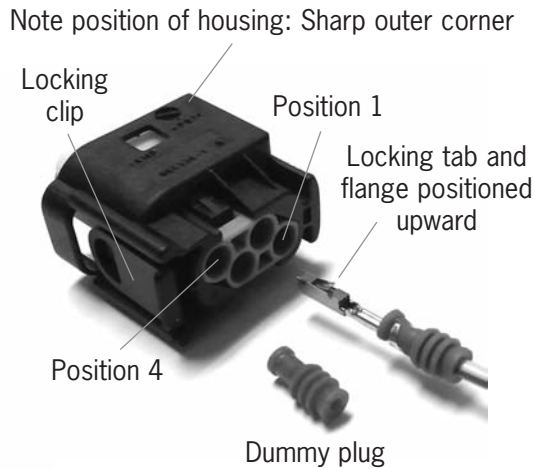


**Figure 1**

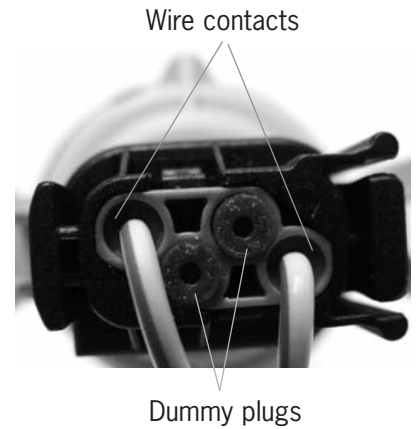


Clip is shown in locked position

**Figure 2**



**Figure 3**



**Figure 4**