



BAVARIAN AUTOSPORT

E46 Taillight Plug Repair Kit Assembly Instructions

NOTE: This instruction sheet covers the basic assembly and installation of the E46 (3 series 99 thru 05) taillight plug repair kit. This kit is to repair the common burned terminal contacts in the taillight harness plug. This kit will typically be used in conjunction with a new taillight bulb holder assembly, as the contact pins in the bulb holder will also likely be burned.

NOTE: Various E46 models may have either a 6-pin connector plug or an 8-pin plug. Verify that you have the correct kit before beginning the installation. One kit repairs one taillight.

3 Series

PARTS LIST:

99 thru 05	12 52 7 519 KIT	8-pin kit (Figure 1)
	61 13 8 369 KIT	6-pin kit (Figure 2)

PROCEDURE:

1. Assemble the new harness plug and wiring pigtails.
 - A) Insert the contact pins into the plug housing. Note that the contact pins for the 8-pin kit have locking tabs on both sides (Figure 3). The contact pins for the 6-pin kit have locking tabs on one side of the pin (Figure 4). Insert the contact pins into the plug housing.
 1. For the 8-pin plug housing, the contact pins can be inserted without any care to note the orientation of the locking tabs since the pins have tabs on both sides. Simply insert the pins until they snap and lock (Figure 5).
 2. For the 6-pin plug housing, the pins should be inserted with the locking tabs pointing to the side of the plug that has the white locking clip. Insert all of the contact pins and then snap the locking clip down to lock the pins in place (Figure 6).
2. Note the positions of each of the colored wires in the original plug housing. Cut the original plug housing from the wiring harness. Leave a couple inches (or more) of wire connected to the plug housing so that you know which wires are connected to which terminals on the new plug and pigtails.
3. Using the supplied in-line crimp connections, connect each of the new wiring pigtails to the original wiring (using the old plug housing and cut-off wires as a guide to positioning). After crimping the connectors, use a soldering iron or mini butane torch to gently heat the sleeves of the connectors (do not apply the flame or contacts of a soldering iron directly to the connector or wires). This will activate the adhesive and shrink the sleeves, sealing the connections against corrosion.





Figure 1



Figure 2



Figure 3



Figure 4

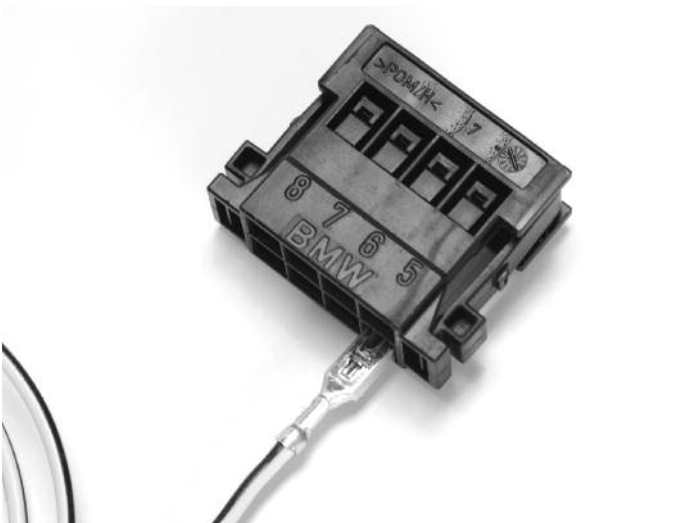


Figure 5

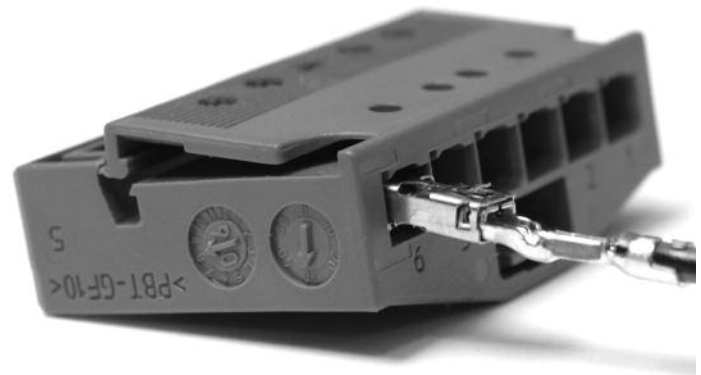


Figure 6