

Installation Instructions for VW Mk IV Headlight Leveler Wiring Kit

As always, when working on an automotive electrical system, use caution while making connections to the battery. Make sure that you have all security codes or keys that you will need to restore operation after the battery is reconnected. Follow all standard safety precautions regarding the airbag system to prevent triggering the airbag light or firing the airbag when reconnecting the battery. Begin this procedure at your own risk. If in doubt, have the installation done by an automotive technician.

This wiring kit requires that you have European code headlights with leveling motors installed and a leveler control rheostat. If your motors are not installed, you must first install them and connect them to the 3-wire plug inside your ecode headlights. Your wiring kit will connect to both headlight plugs, ground, and the leveler rheostat. You will need to begin by disconnecting the negative battery terminal. Note that the harness has four branches: right headlight, left headlight, ground, and rheostat (or switch). Lay the harness out under the hood with the right and left branches within reach of the headlights. The SWITCH branch will need to be fed through a hole in the firewall. Select a location at an existing grommet to feed these two wires through to the interior.

Inside the car, remove the panel above the driver's footwell to gain access to the wire as you feed it in. Pull the wires to the area of the headlight switch and rheostat. It may help to remove the headlight switch for better access and view. Now remove your dimmer switch and unplug it. The kit includes a plug-n-play adapter harness for the dimmer switch. Connect your dimmer plug to the mating connector on the adapter harness. Connect the two short wires on that harness to the two wires that you brought through the firewall. Now connect the 6-port plug to the back of the leveler rheostat and install the rheostat into the dash. Wait until later to finish under the dash. You may need to feed the wire in either direction through the firewall to balance the slack in the wires.

Under the hood, route the two headlight wires to the headlights. Unplug the headlight plugs and gain access to the back side of the plugs where wires enter. Notice the wire location numbers stamped on the plug shell. You will be connecting to pins 1, 3 & 5. If there are seals filling these holes, use needle nose pliers or similar tool to pull them out. Unlock the pins by sliding the purple locking clip out through the slot in the end of the plug. Then plug the wires in to the following holes:

Yellow- pin 1
Brown- pin 3
Gray- pin 5

Replace the locking clip and reassemble the headlight plugs. Connect the ground wire to a ground terminal on the battery or nearby grounding point. Arrange the harness to fit well under the hood and feed any extra slack from the engine compartment into the interior. Secure the harness as needed with cable ties. Go back under the dash and arrange the wires neatly and replace the access panel and headlight switch if removed. After all else is completed and you are sure it is safe, reconnect the battery.