



## INSTALLATION MANUAL

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00755

# K5-1965 BEETLE (Sedan and Convertible) WIRING HARNESS

**Please read this installation manual completely before you begin the installation.**

### **IMPORTANT!**

*Common problems with wiring issues is bad grounds. Be sure grounds are exposed to bare metal and remove any type of paint from mounting locations. Also make sure transmission to frame ground strap is present and in good shape.*

**This wiring harness fits 1965 sedan and convertible.** Although this harness is designed for 6 volt it can be used for 12 volt no problem. Some modifications will need to be made to harness such as a Alternator, stereo, or any additional equipment. Some basic electrical knowledge is recommended for installation. Be sure to gain knowledge of old harness connections before removing it and familiarize yourself with such connections. Taking pictures of fuse box, switches, and connections may help with the installation.

### **1. Removal of old harness.**

Disconnect negative battery terminal from battery. Be sure to disconnect wires under seat and at starter. Remove headlights, taillight bulb holders, front blinkers and disconnect wires from their terminals. Disconnect wires on motor and from fuse box. Unfold metal clips securing harness underneath front cowl. Tape up all wires on main harness in a bundle as tight as you can. Remove rear seat and driver side rear panel, you may also need to remove the front driver side kick panel carpet. Harness is now ready to be removed. You may need to remove some insulation from body cavity. Grab a fish tape or guide rope and wrap the bundle of wires from main harness around fish tape/rope and tape together from front of car. Make sure main harness is completely disconnected from the front of the vehicle. Now gently pull harness from rear of vehicle. If it feels like its getting stuck find the cause. Use care when pulling as if it its putting pressure on roof panel it may cause damage to roof panel.

### **2. Installation of new harness.**

Once old harness is out of body, the fish tape/rope should have ends hanging out the front and the back. Using electrical tape, tape new harness to back piece of rope/fish tape and carefully pull new harness through from rear of the body. Some lubricant such as dish or bar soap or silicone spray may help. **DO NOT FORCE!!**After main harness is installed in body secure the front of harness by bending tab back over underneath cowl. Proceed to follow the wiring diagrams.

### **3. Dome light harness.**

Attach rope to dome light harness from dome light opening. Pull harness out from front window cowl making sure rope stays attached. Attach new harness to rope and pull new harness back through "A" pillar through dome light opening. For dome light to operate properly door switches must be in good shape and have proper grounding.

### **4. Taillight, blinker and license plate harness.**

Replace taillight harnesses that run through body and fenders, connect proper wires to terminals as per diagram. License plate harness will run along tabs on decklid, be sure to keep wire away from fan and possibly zip tie it away from it. Connect to license plate light housing and passenger side running light white (white/red stripe) with "Y" connector.

### **5. Headlight Harnesses.**

Disconnect and remove left front harness which also includes horn, hi/lo beam switch wires and brake switch wires under gas tank, be sure to disconnect those as well. Install new harness with supplied grommets and feed wires through grommet and cavity of body. Some type of lubricant such as silicone spray might be need. Make connections as per wiring diagram. Remove right side headlight harness and replace with new one. Once headlight wires are inside headlight buckets, proceed to push female terminals into 3 prong connector in the correct order as per diagram. Be certain grey wire going to parking lights in headlight buckets are connected to correct terminal on bottom of bulb holder. Originally this circuit wasn't fused from the factory but this kit is fused. It may be possible to connect ground terminal of bulb holder to body if ground is poor.

***\*Installation should be complete. All light bulbs, fuses, switches, relays should be in working order. Before connecting battery double check all connections and make sure grounds are properly grounded. Test lights first, then check accessories.***









