



INSTALLATION MANUAL

00774

K1-1962-1964 BEETLE (Sedan) WIRING HARNESS

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

IMPORTANT!

Common problems with wiring issues are bad grounds. Be sure grounds are exposed to bare metal and remove any type of paint from mounting locations. Also be sure ground strap is good from transmission to pan as that may cause charging issues and dash warning lights.

This wiring harness fits 1962-1964 Beetle sedans only. It is designed for 6 volt but can be used on a 12 volt system. Some modifications will need to be made to harness such as for 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. 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 and secure with black electrical tape 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 it is getting stuck find the cause. Use care when pulling as it may cause damage to body panels.

2. Dome light harness. INSTALL DOME LIGHT HARNESS FIRST!

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. Connect single black wire to switched terminal marked "B" on the fuse box and #54 on the wiper motor. Brown wires will route behind dash and connect to the designated door switches. Connect power and ground wire at dome light.

3. Installation of new main 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.

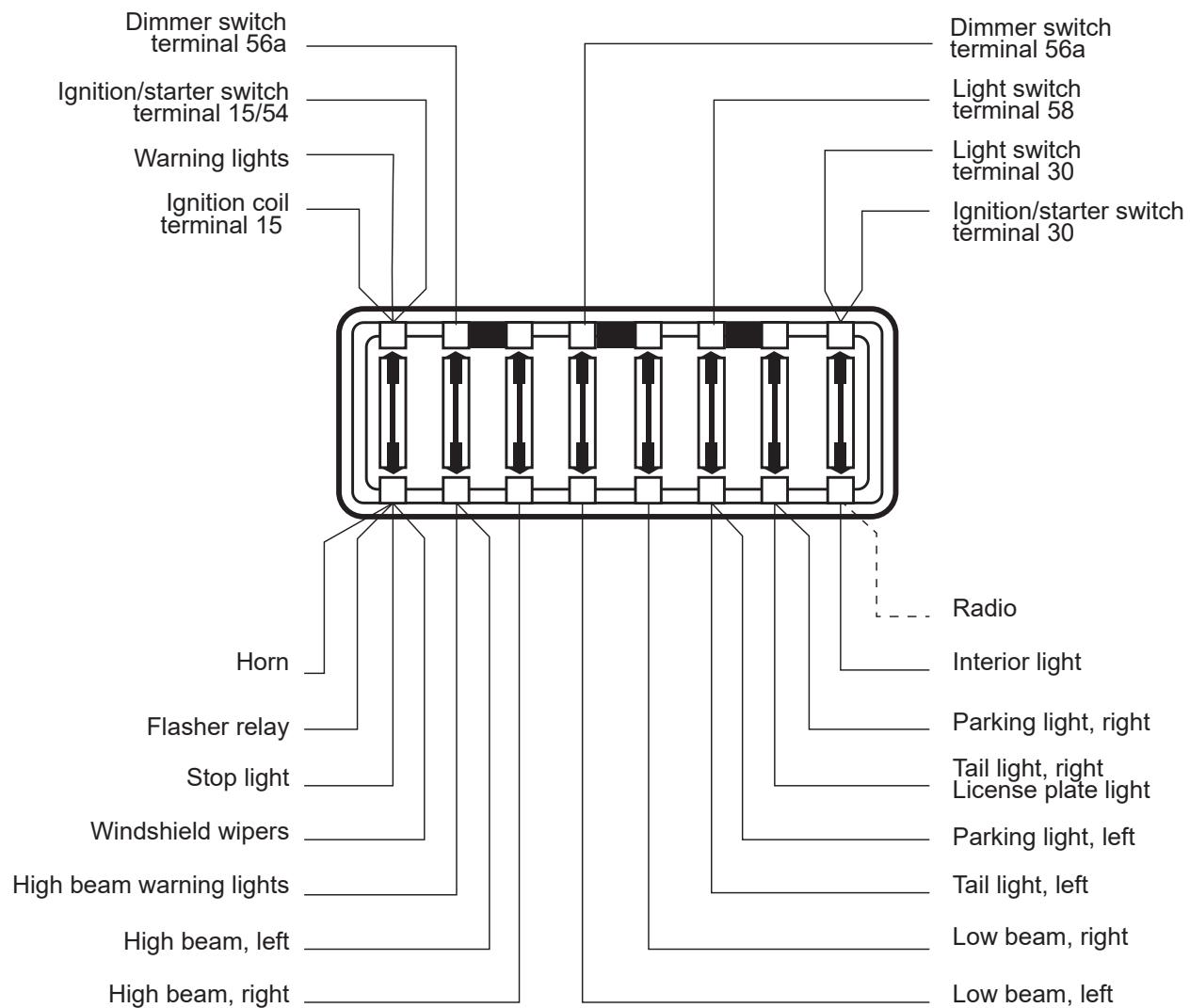
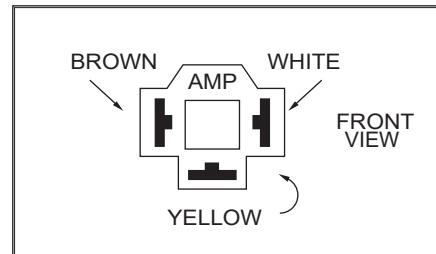
4. Left headlight harness

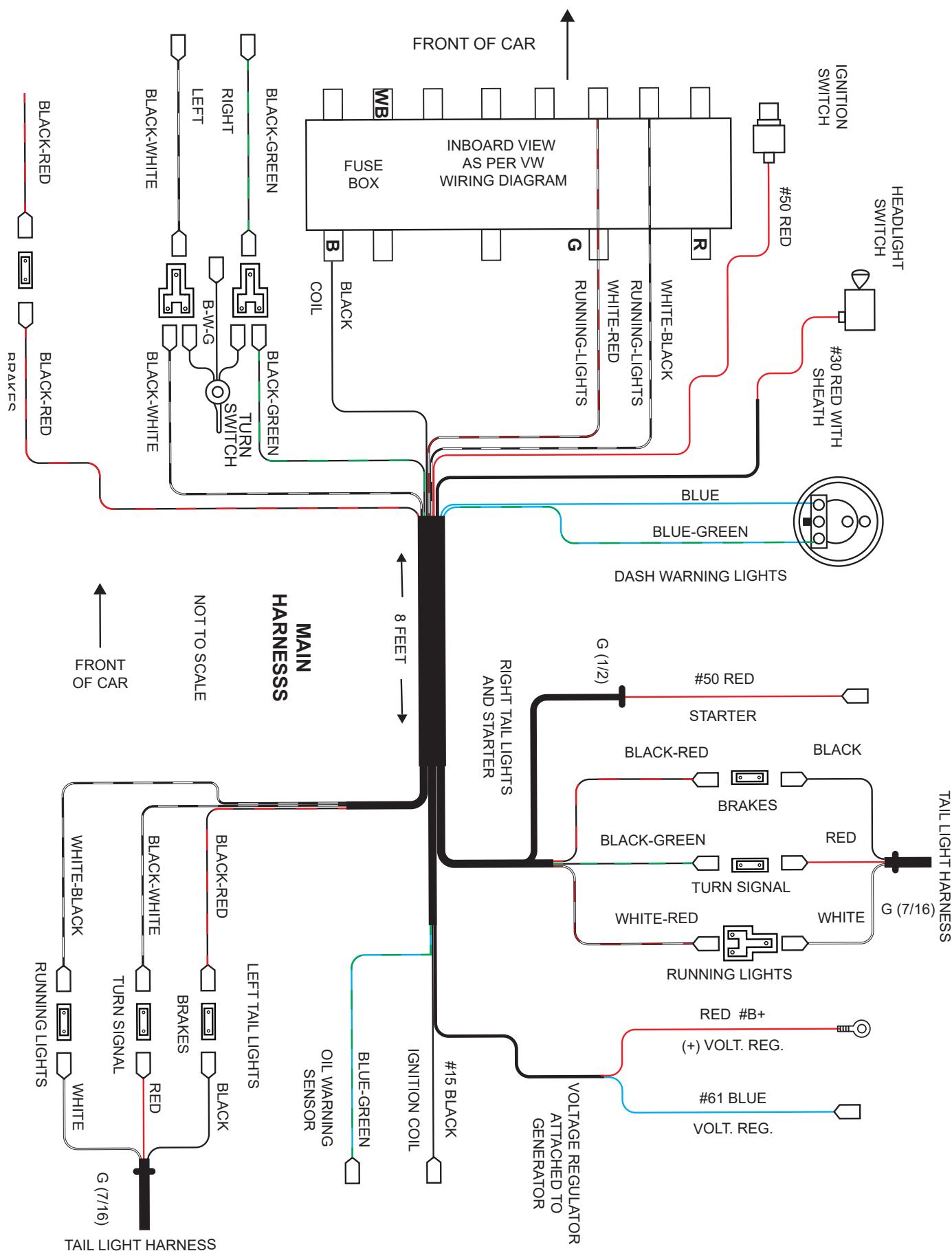
Remove old harness and make note of which way wires are routed. Install new harness and feed the floor dimmer switch wires and brake switch wires through grommet. Connect dimmer switch wires to dimmer switch, white to 56a, white/black stripe to 56, yellow to 56b. Connect top wires yellow to top of fuse box marked "Y". Thicker white wire to top of fuse box marked "W", white/black stripe wire will connect to #56 on headlight switch. Brake switch (black/red stripe) and horn wires will run through front firewall and connect to 2 prong brake switch on master cylinder (order does not matter). Other end of black/red stripe and black yellow stripe wire by fuse box will connect at bottom terminal marked "B" on fuse box. The second black/red stripe wire will connect to same color wire from main harness using a splice connector. Next horn wires black/yellow stripe and brown will follow body along driver side under gas tank and be supported by tabs and connect wires to horn. Connect Brown ground wire with eyelet to body using sheet metal screw. After all wires are ran through the grommets and fender make wire connections on headlight terminals supplied and follow diagram below.

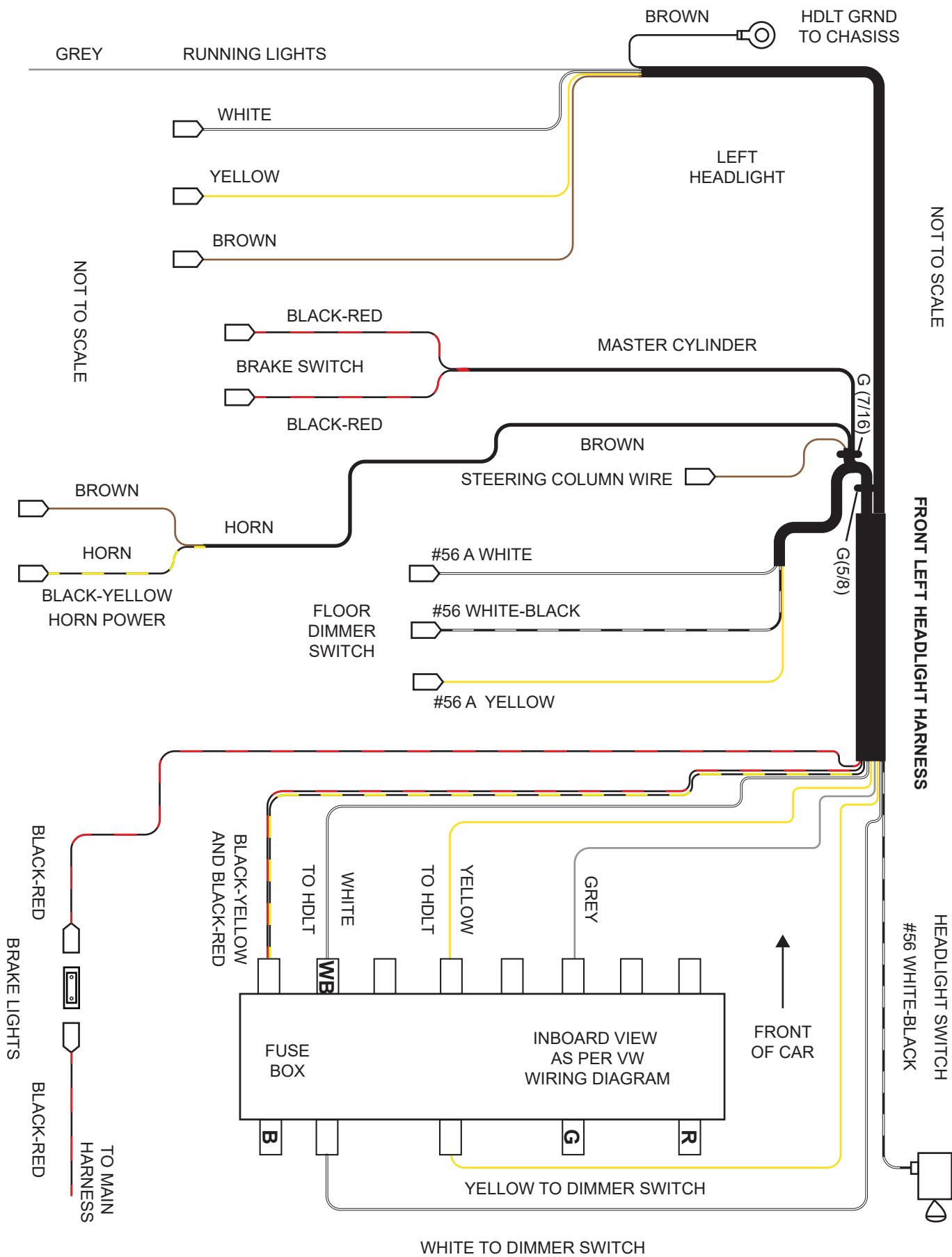
5. Right headlight harness

Run the right headlight harness from the fuse box to the right of the fuel tank and into right front quarter panel. Connections are the same as the left headlight. Yellow wire to "Y" on fuse box, White wire to "W" on fuse box, and gray wire to "G" on fuse box. Make sure gray wire is connected to correct terminal on bottom bulb holder.

**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.*







**FRONT RIGHT HEADLIGHT HARNES
AND DOME LIGHT HARNES**

