



## INSTALLATION MANUAL

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00775

# 1966 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 kit fits 1996 Sedan and convertible bug only.** 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. Some grommets/wire tubes may not be included in this kit as well as some relays and switches.

#### **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 engine and from fuse box. Unfold metal clips securing harness underneath front cowl and on rear firewall. Tape up all wires on main harness in a bundle as tight as you can. Remove rear seat, driver side rear panel and remove the front driver side kick panel carpet, also the carpet on driver heater channel, 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 it is getting stuck find the cause. Use care when pulling as it may cause damage to body panels.

#### **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.

#### **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. For convertible harness will run through A pillar and along top of windshield post and out rearview mirror for dome light.

#### **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. Install front left and right turn signal harnesses. Black/white is for left side, Black/green is for right side. Connect to corresponding color wires on turn signal switch using 2 TEE connectors. Small wires from TEE connect to flasher relay Black/white to #VL, Black/green to #VR. Grey wire from fuse box marked "G" to #58 terminal for parking lights on front turn signal assemblies.

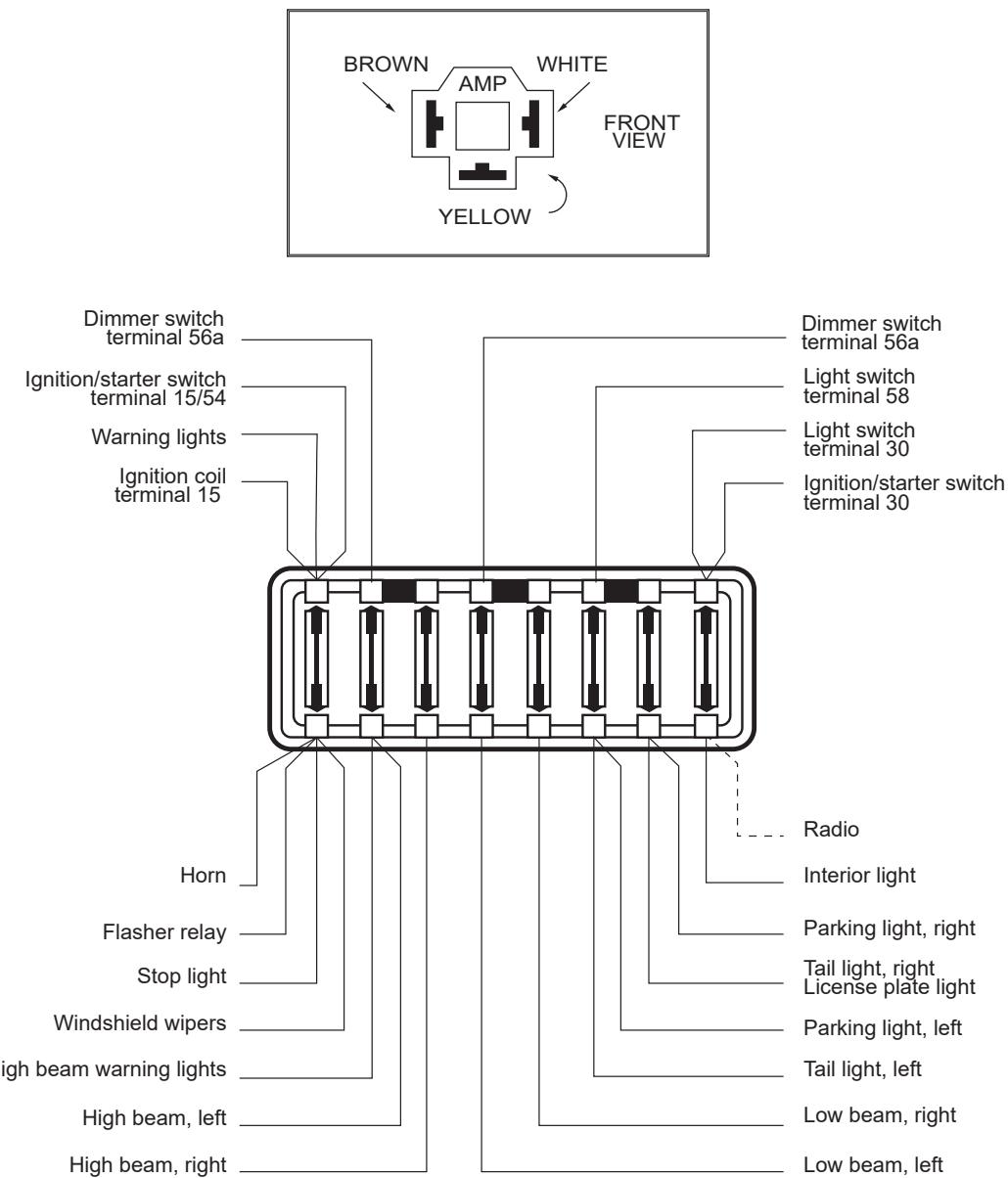
#### **5. Turnsignals.**

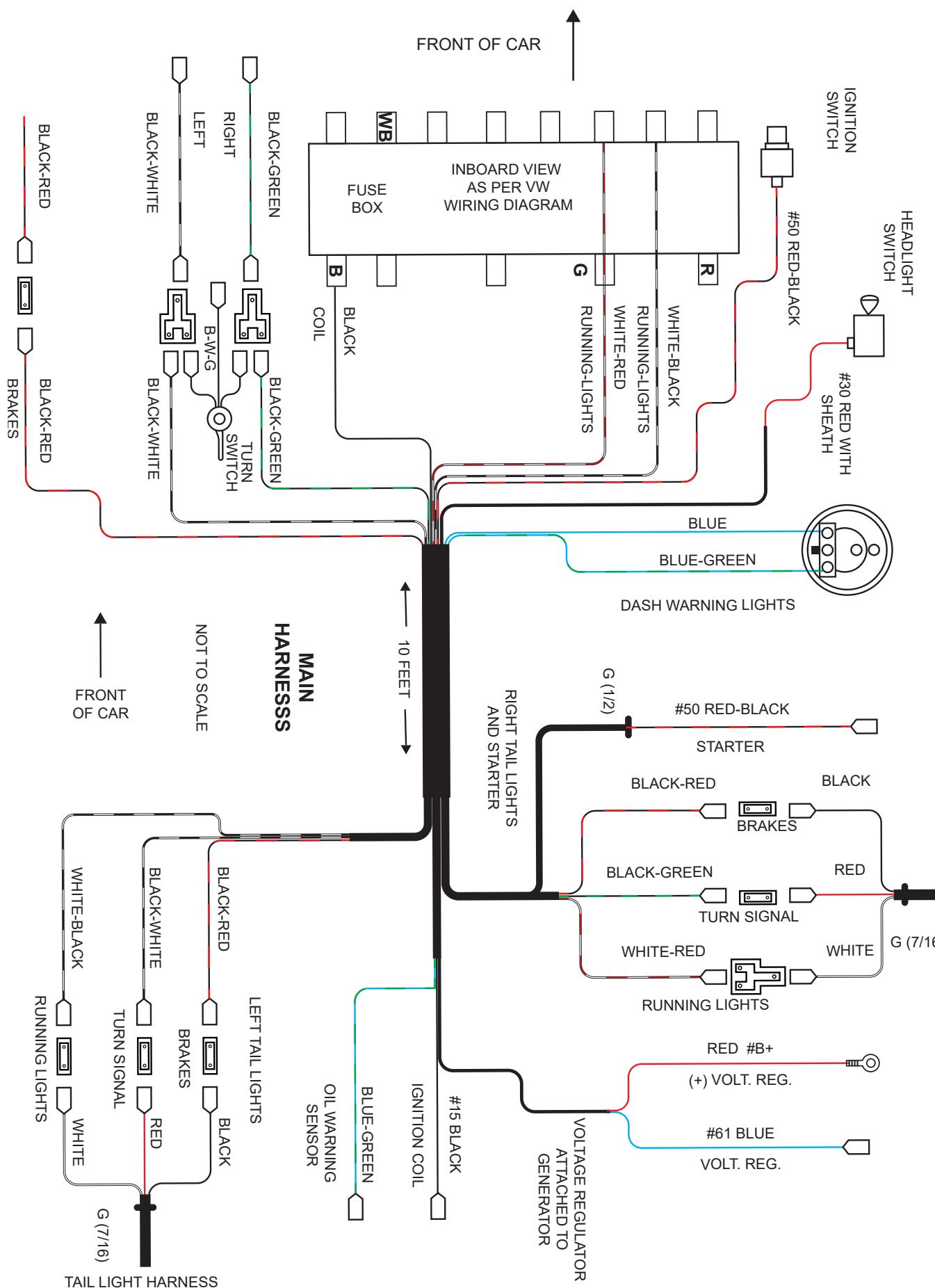
1966/1967 VWs originally came with a 9 prong flasher box relay. This box controls the emergency flasher and turn signal circuit. Flasher box must be properly ground (through mounting screw) for it to work properly. Many of the common problems can be caused by a bad flasher box. A 2 prong flasher relay can be used but with some modifications, refer to VW service manual for a 1970-74 type 1 diagram.

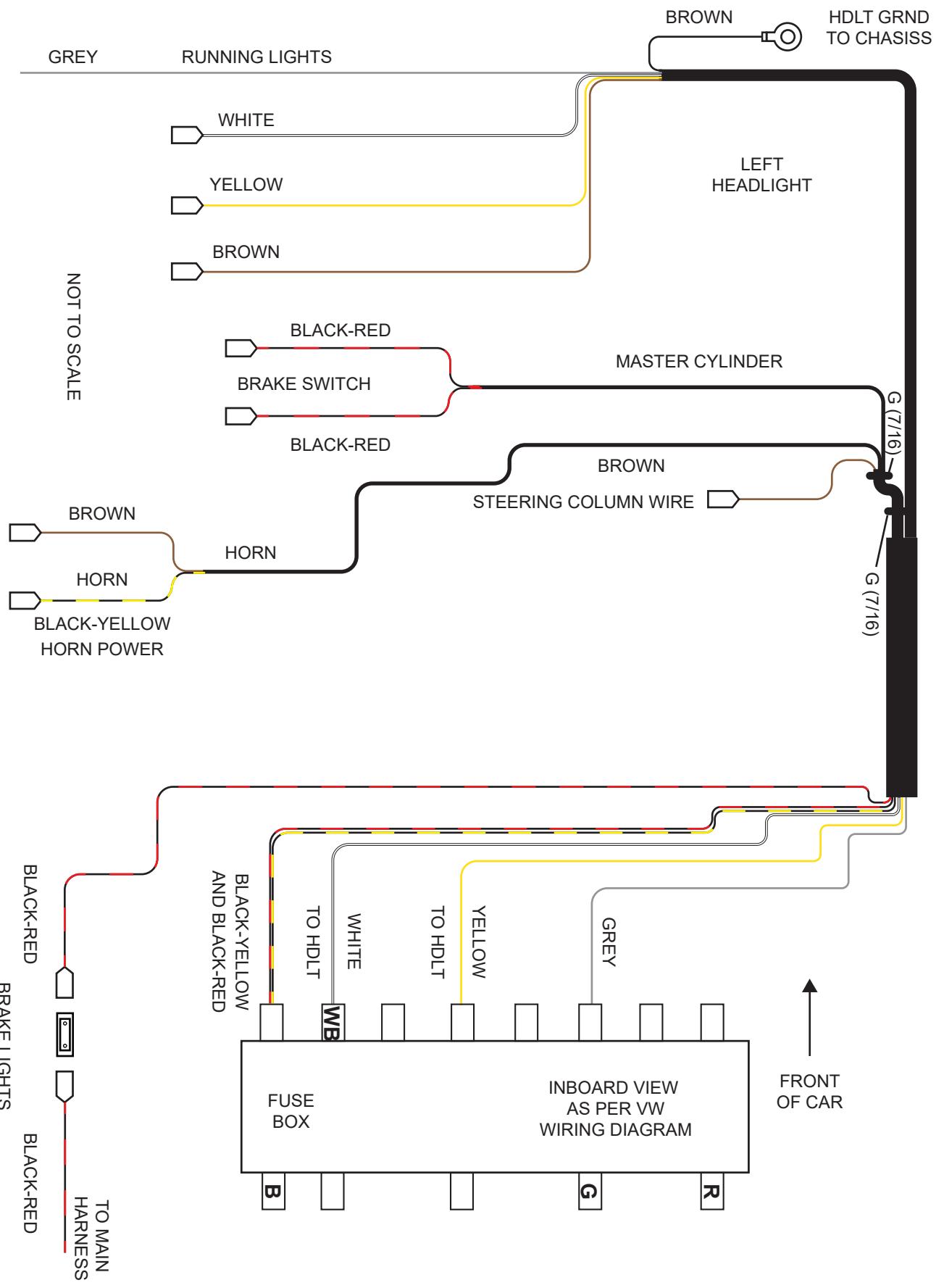
## 6.- Headlight Harnesses.

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**\*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 HARNESS

