

















INSTALLATION MANUAL





98-9476-0

K6 1958-1959 BEETLE (Sedan) WIRING HARNESS

KIT CONTENTS:

ITEM	QTY.	DESCRIPTION	
K6-01	1	Black/white stripe turn signal switch (corresponding color) to left blinker housing.	
K6-02	1	Black/green stripe turn signal switch (corresponding color) to right blinker housing.	
K6-03	1	Taillight harness (passenger side) main harness to taillight.	
K6-04	1	Tail light harness (driver side) main harness to driver side taillight, runs under rear apron through body. (Be sure to secure with tabs or it may burn on the exhaust, if rear apron has been removed or tabs are broken, harness can be rerouted on firewall behind motor, some drilling may be necessary) some taillight bulb holders may need a separate ground soldered to the bracket and grounded to the chassis.	
K6-05	1	License plate light wire connector on taillight harness passenger side to license plate bulb holder.	
K6-06	1	Starter post to alternator post or B+ on generator.	
K6-07	1	Dome light harness.	
K6-08	1	Front harness. Thin brown wire goes to horn brush contact under dash. Do not connect headlight wires until wiring is completed. Make sure grey/black wire is connected on correct terminal on parking light bulb holder, other terminal will be ground. On headlight connector be sure to make connections properly based on color and terminal.	
K6-09	1	Main harness runs through roof cavity of body.	
K6-10	1	Wiper motor wires (brown wire-31b wiper motor to wiper switch), (black wire-54 wiper motor to wiper switch), (black/purple stripe-54d wiper motor to switch) make sure wiper motor is grounded properly.	

ITEM	QTY.	DESCRIPTION	
K6-11	1	Grey wire #58 on headlight switch to fuse box terminal marked "G" on diagram, red wire #30 on light switch to fuse box terminal marked "R"	
K6-12	1	#30 On ignition switch to fuse box terminal marked "R" on diagram.	
K6-13	1	Speedo dash light bulb holder to #58b on light switch.	
K6-14	1	Flasher terminal #15 or (49,x) to fuse box terminal marked "T" on diagram.	

ITEM	QTY.	DESCRIPTION	
K6-15	1	#K or (I, 49a) on flasher to turn signal indicator light on speedometer (if using a 3 prong flasher relay make sure terminal #31 is grounded).	
K6-16	1	Double black wires- #15 on ignition switch to fuse box terminal marked "B". Smaller wire goes to terminal #15 on very bottom of speedo.	
K6-17 to K6-23	1	Headlight sockets, body grommets, splice connectors.	
K-99	6	Extra female terminals.	

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 light issues.

This wiring harness fits 1958-1959 Beetle. 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. Fuse boxes, switches, bulb holders, etc must all be in working order.

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. K6-07 INSTALL DOME LIGHT HARNESS FIRST!

Attach rope to old dome light harness from dome light opening. Pull old harness out from front 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.

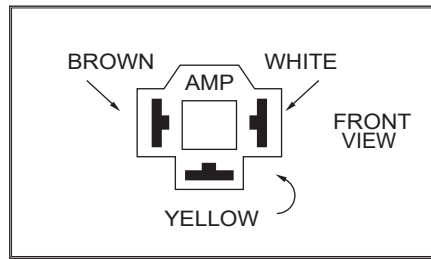
3. Installation of new harness. K6-09.

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.

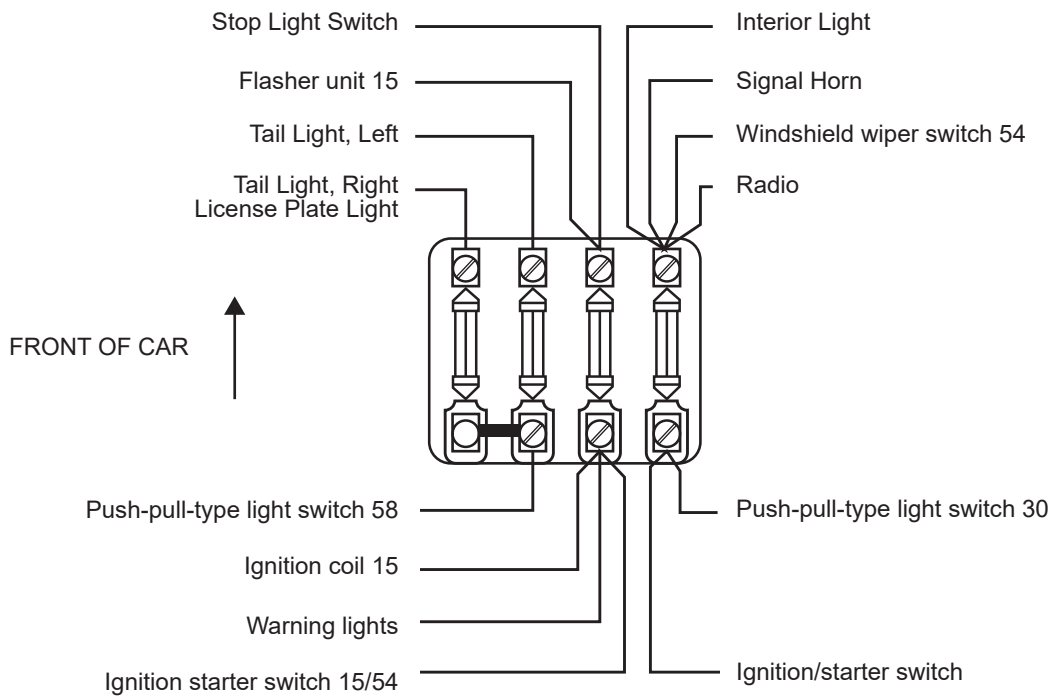
4. Headlight harness. K6-08.

Remove old harness, be sure to disconnect horn, brake switch wires and hi/lo beam switch wires. Install new harness, route brake switch, and hi/lo beam wires through firewall. Be sure to replace grommets that are supplied. Route passenger headlight wires along bottom of spare tire well and headlight wires through headlight tubes, connect wires to headlight connector. Be sure to connect grey wire for parking light on bottom of headlight to proper terminal (filament side). Follow diagram and make proper connections.

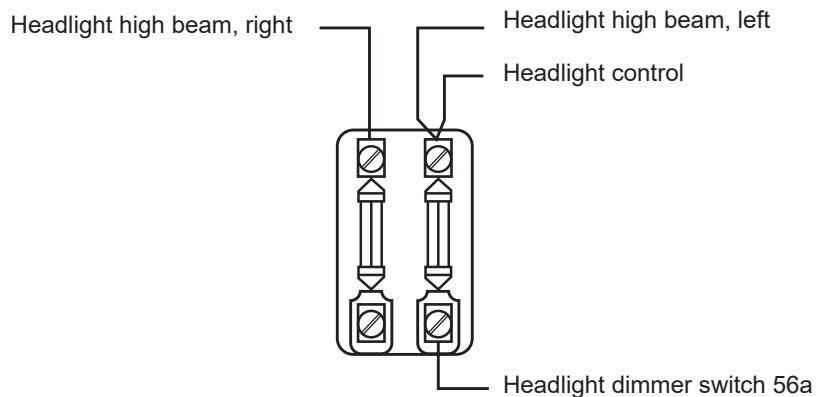
***Installation should be complete. All light bulbs, fuses, switches, relays should be in working order. Before connecting battery double check all connections and make sure grounds are properly grounded. Test lights first, then check accessories.**

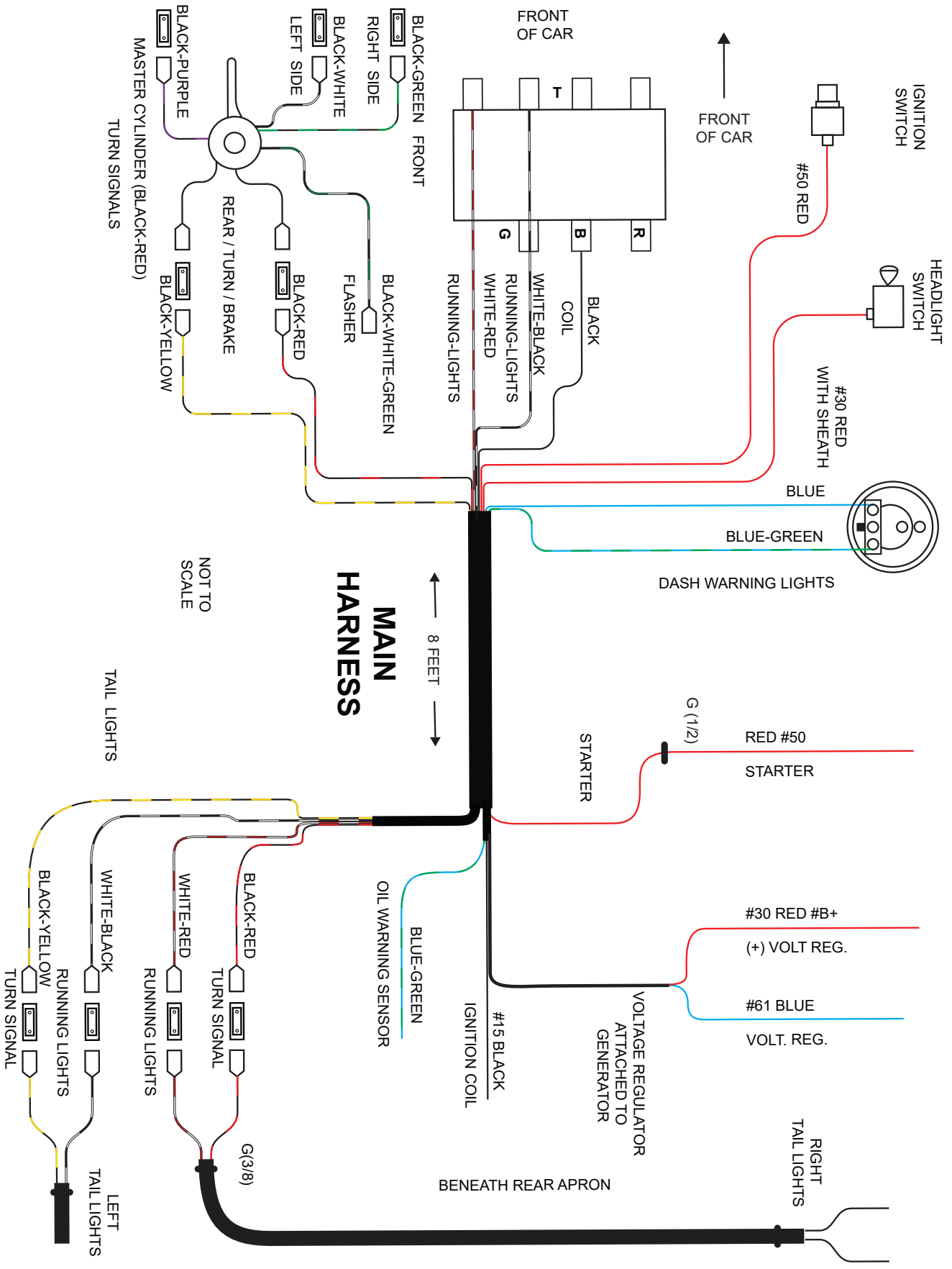


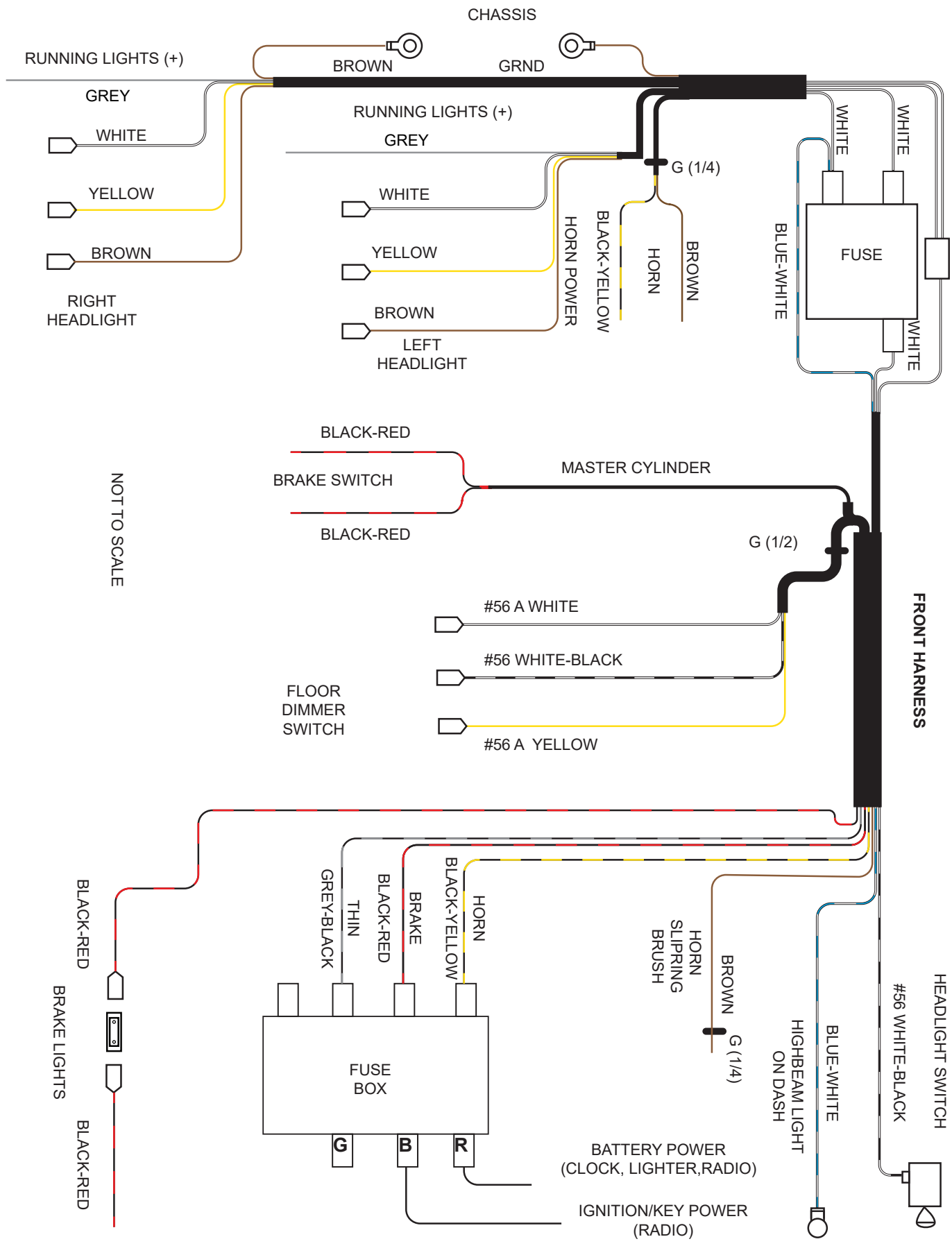
Fuse box on the back of the instrument panel



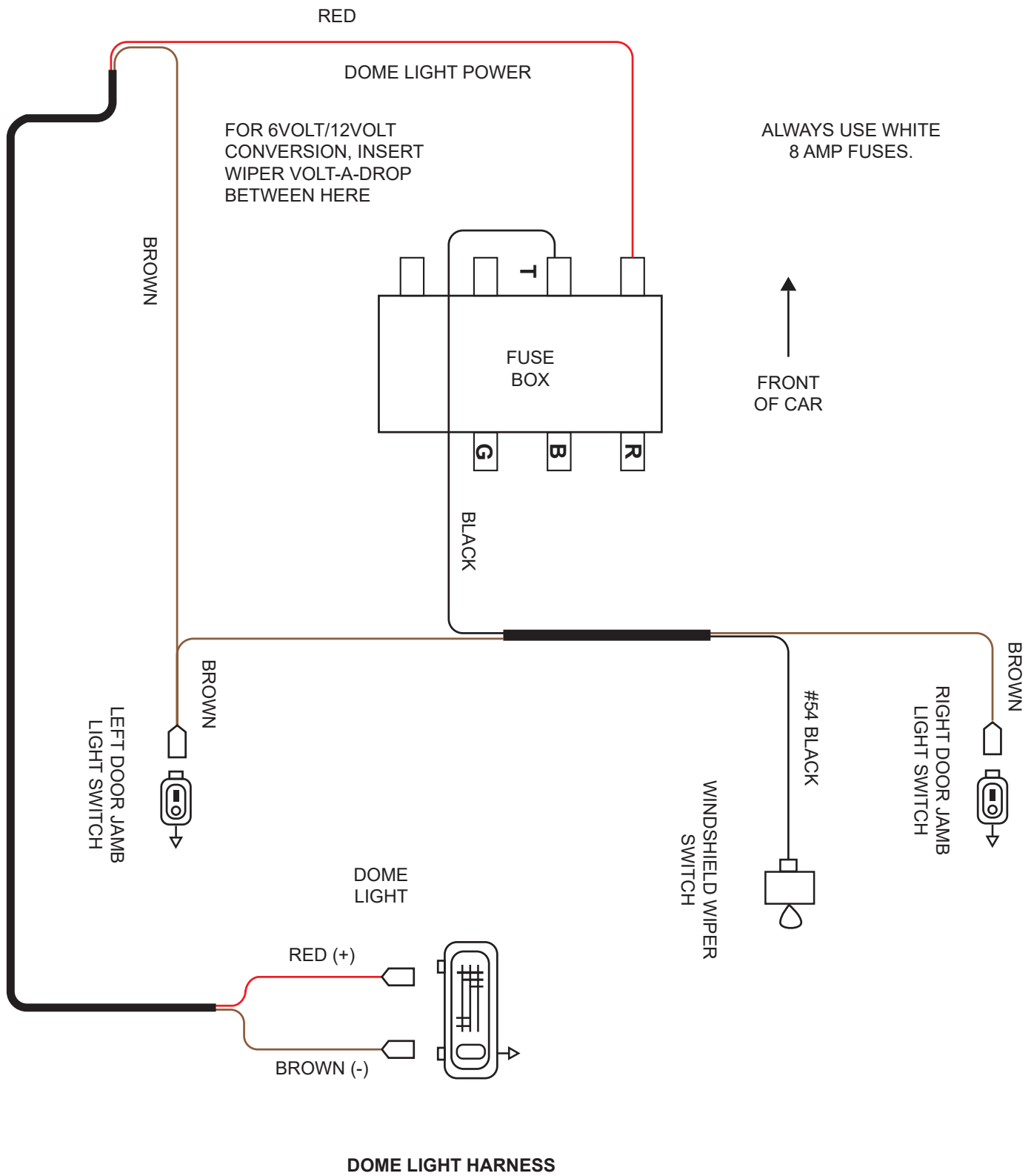
Fuse box adjacent to the fuel tank

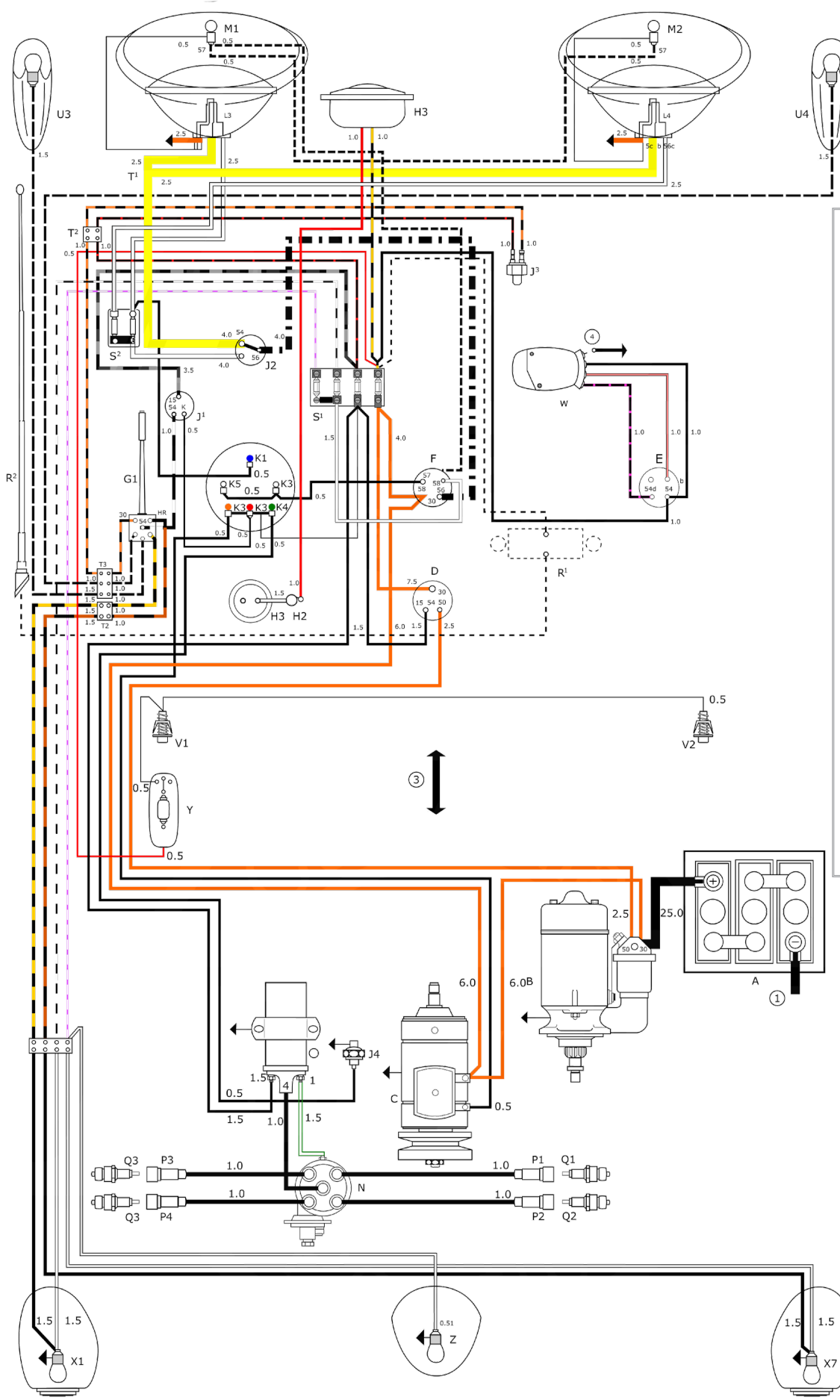






NOT TO SCALE





- A Battery
- B Starter
- C Generator / Regulator
- D Ignition Starter Switch
- E Windshield Wiper Switch
- F Light Switch & Instrument Panel Lighting
- G Direction Indicator Switch
- H1 Horn Button
- H2 Horn Brush
- H3 Horn
- J2 Headlight Dimmer Switch
- J3 Stop Light Switch
- J4 Oil Pressure Switch
- K1 High Beam Indicator Light
- K2 Generator Control Light
- K3 Direction Indicator Control Light
- K4 Oil Pressure Warning Light
- K5 Speedometer Light
- L1 Bi Filament Bulb for Headlight, Light
- L2 Bi Filament Bulb for Headlight, Right
- M1 Parking Light, Left
- M2 Parking Light, Right
- N Ignition Distributor
- O Ignition Coil
- P1 Spark Plug Connector for Cylinder 1
- P2 Spark Plug Connector for Cylinder 2
- P3 Spark Plug Connector for Cylinder 3
- P4 Spark Plug Connector for Cylinder 4
- Q1 Spark Plug for Cylinder 1
- Q2 Spark Plug for Cylinder 2
- Q3 Spark Plug for Cylinder 3
- Q4 Spark Plug for Cylinder 4
- R1
- R2
- R3
- S1 Fuse Box(four Fuses)
- S2 Fuse Box(two Fuses)
- T1 Connector, Single
- T2 Connector, Double
- T3 Connector, Triple
- U1 Direction Indicator, Left
- U2 Direction Indicator, Right
- Y1 Door Contact Switch, Left
- Y2 Door Contact Switch, Right
- W Windshield Wiper Motor(3 Connections)
- X1 Stop and Tail Light, Left
- X2 Stop and Tail Light, Right
- Y Interior Light
- Z License Plate Light