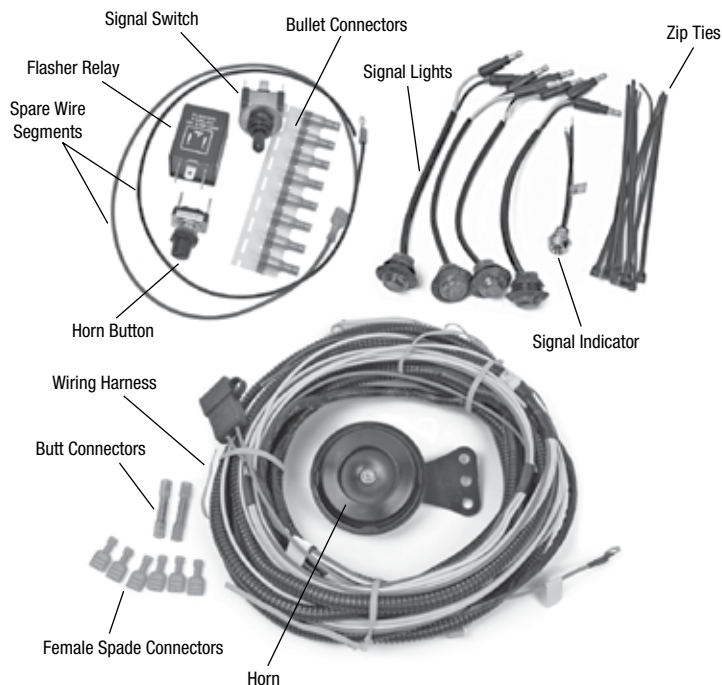


FULL SIZE UTV UNIVERSAL TURN SIGNAL / HORN KIT (15950)

As illustrated below, this kit consists of:

Signal Lights	Qty: 4	Wiring Harness	Qty: 1
Signal Indicator	Qty: 1	Bullet Connectors	Qty: 8
Signal Switch	Qty: 1	Butt Connectors	Qty: 2
Horn Button	Qty: 1	1/4 #20 x 1 3/4 Bolt	Qty: 1 (not pictured)
Horn	Qty: 1	1/4 #20 Nylock Nut	Qty: 1 (not pictured)
Spade Connectors	Qty: 6	1/4 Flat Washer	Qty: 1 (not pictured)
Flasher Relay	Qty: 1	Pushpins	Qty: 7 (not pictured)
Zip Ties	Qty: 10	Spare Wire Segments	Qty: 3 (2 pictured)

TOOLS REQUIRED	Wire crimper	3/4" Allen Wrench
8 mm socket	Drill Bits (15/32 & 7/16)	1/2" Wrench
Wire snips	Hole saw (3/4 inch)	Electrical Tape



NOTE A LANDmaster LM400 with a steel bed and rear fenders was used for the creation of these instructions. As this is a universal kit, final placement of the signal lights, horn and controls is at the discretion of the end user. In addition, some wiring / connector modifications may be required. These instructions are merely guidelines.

Procedure:

- To facilitate the installation of the under hood components of this kit, it is recommended that you remove the pushpins that hold the hood to the dash, the 1/2" bolts that hold the hood to the brush bars and lift up as shown in figure 1 (**NOTE: Unplug the headlight wiring harnesses before lifting up hood**). To remove the pushpins it is necessary to cut the tops off using a pair of wire snips as shown below. It is also recommended that the center console be removed to run the wiring to the rear lights and be kept safely out of the way as shown in figure 2.

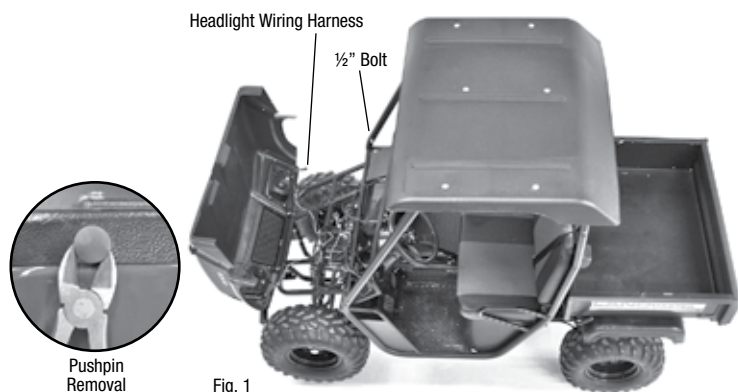


Fig. 1

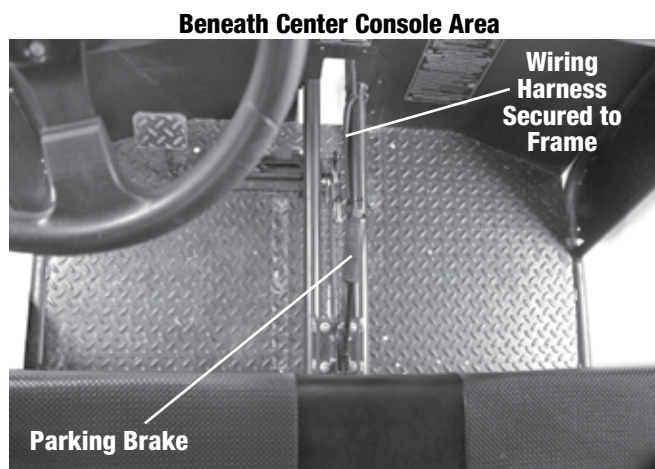


Fig. 2

- Drill a 3/4" hole with a sharp wood boring bit or hole saw for each signal light in the desired positions as shown in figures 3 & 4. Mount the signal lights into the holes by feeding the light wires through the hole and pushing the light firmly into the hole. (**NOTE: The top of the light is marked on the front of the amber lens as shown below.**)



Turn Signal Detail

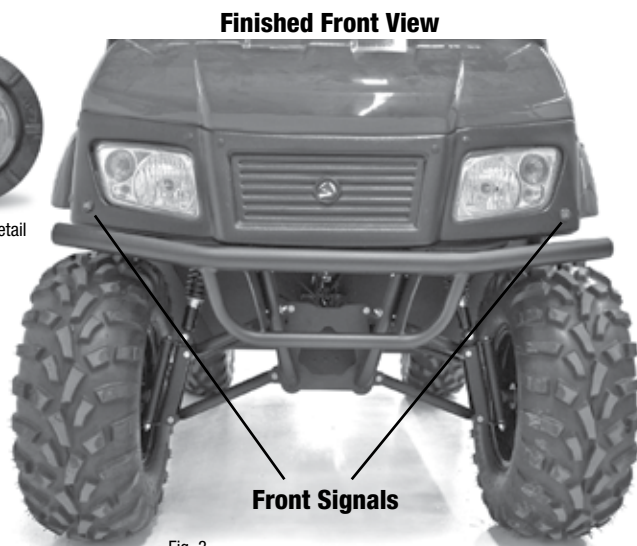


Fig. 3

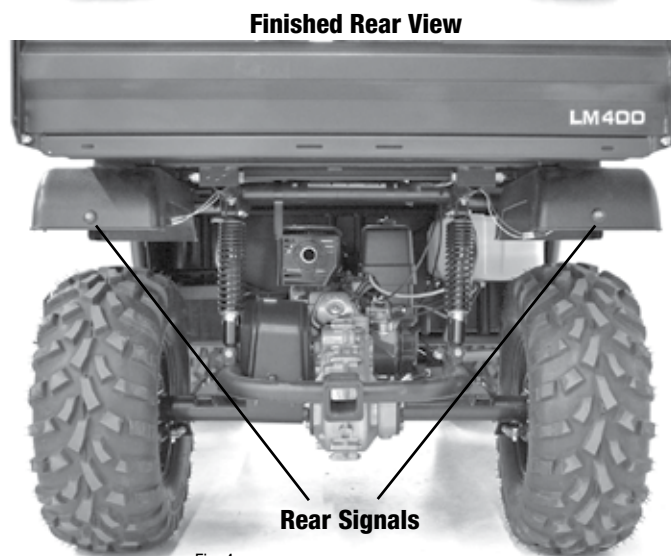


Fig. 4

- 3** See figure 12 on the back page to familiarize yourself with the proper wiring of this kit.

Beginning with the harness under the hood area, feed the **rear light harness section** (see figure 12) through the dash panel, following the path of the shifter cables, through the cab of the vehicle beneath where the center console was removed and through to the rear of the vehicle. Beginning at the rear signal lights, cut the [Green, Yellow and White wires] to the needed length, strip the ends and crimp onto the female bullet connectors. Plug the White harness wires into the White signal light wires. Plug the Green and Yellow harness wires to their appropriate signal lights as shown in figure 5.

(NOTE: It is not necessary to secure the wiring harness at this time.)

Front Signal Lights Shown

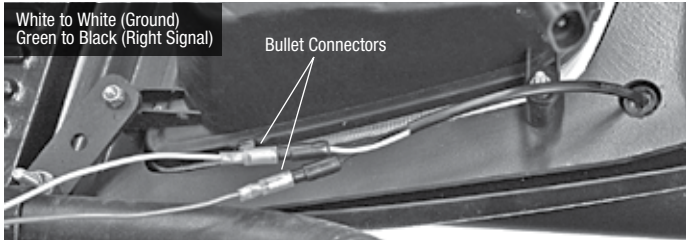


Fig. 5

Rear Signal Lights Shown

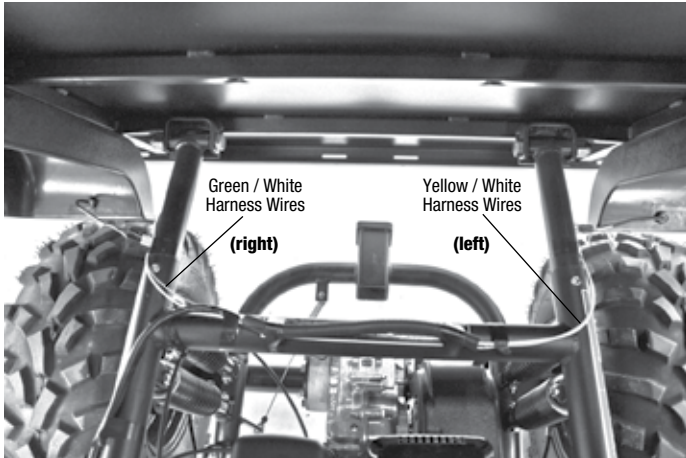


Fig. 6

- 4** Connect the front signal lights to the other end of the wiring harness in the same way as the rear lights.

Placement of Controls

- 5** Locate suitable areas for the horn button, the signal indicator and the turn signal switch in the recommended locations below. Be sure to mount the controls where they will be visible when the vehicle is being driven. Drill two 15/32" holes for the horn button and signal switch and a 7/16" hole for the signal indicator. **NOTE: Make sure to use the stainless steel washer when mounting the signal switch on a plastic area.** Mount the controls and install the rubber boots as shown in figures 7 & 9.

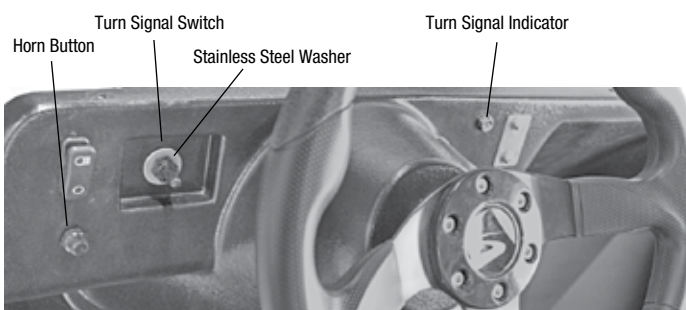


Fig. 7

Placement of Horn

- 6** Mount the horn to the frame beneath the hood of the vehicle with the 1/4 #20 bolt, washer and nylock nut provided in the recommended pre-drilled location as shown in figures 8 & 10. It may be necessary to drill a hole in the frame tubing to place the horn in another desired position. **NOTE: make sure the Red horn wire from the harness will reach where the horn will be placed.** Take the Red and White wires marked "Horn" from the harness and cut to the appropriate length being careful not to cut them too short. Strip the ends of the wires and install female spade terminals onto the ends.

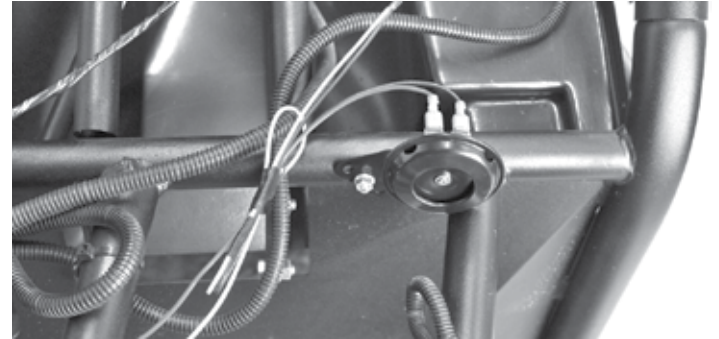


Fig. 8

Mounting of Controls

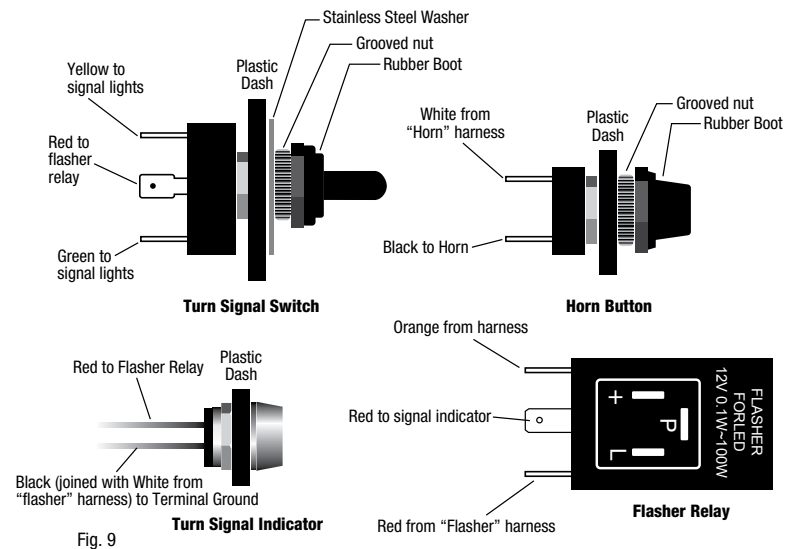


Fig. 9

Wiring

- 7** Snip off the eyelet ends and use the butt connectors to attach longer wiring to the signal indicator making sure to attach enough wire to reach to the destinations. You may have to snip off the eyelet ends of some other wires and attach the supplied female spade connectors for use with your vehicle. The Black (ground) wire from the signal indicator will need to be connected to the White (ground) wire from the harness using the .25" Female spade terminal end for 18 – 22 gauge wire. Refer to figures 10, 11 & 12 on the next 2 pages for final wiring of the kit.

Secure all wires as needed to the frame using electrical tape or zip ties as shown in figures 6 & 10.

CAUTION

Be careful to avoid moving parts, steering linkage, shift linkage, driveline parts and the exhaust system when securing the harness to the frame. Also be sure that the dump bed can still function properly when the harness is secured.

Reattach hood to the brush bars and to the dash using the provided pushpins.

Final Wiring of components

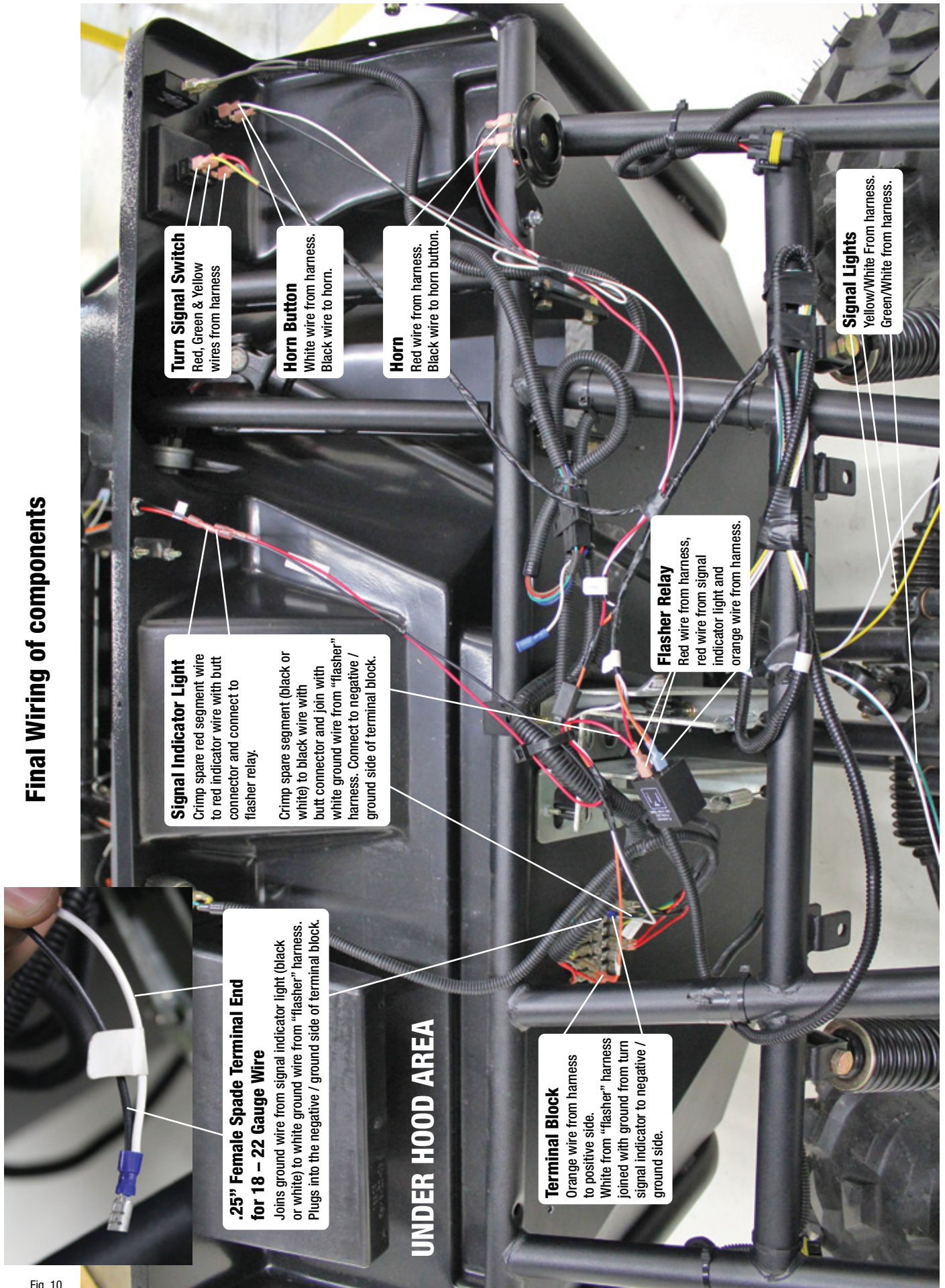
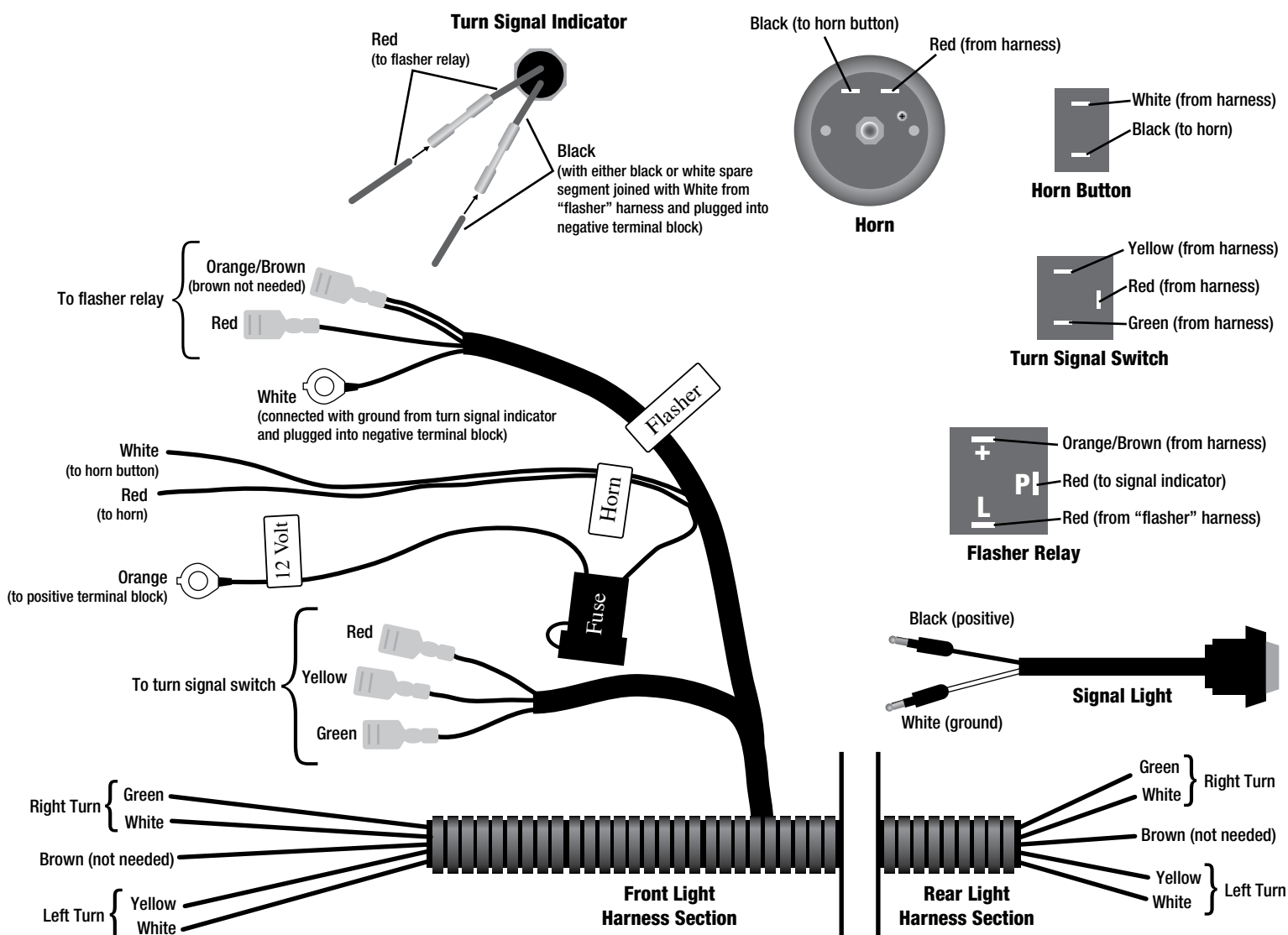
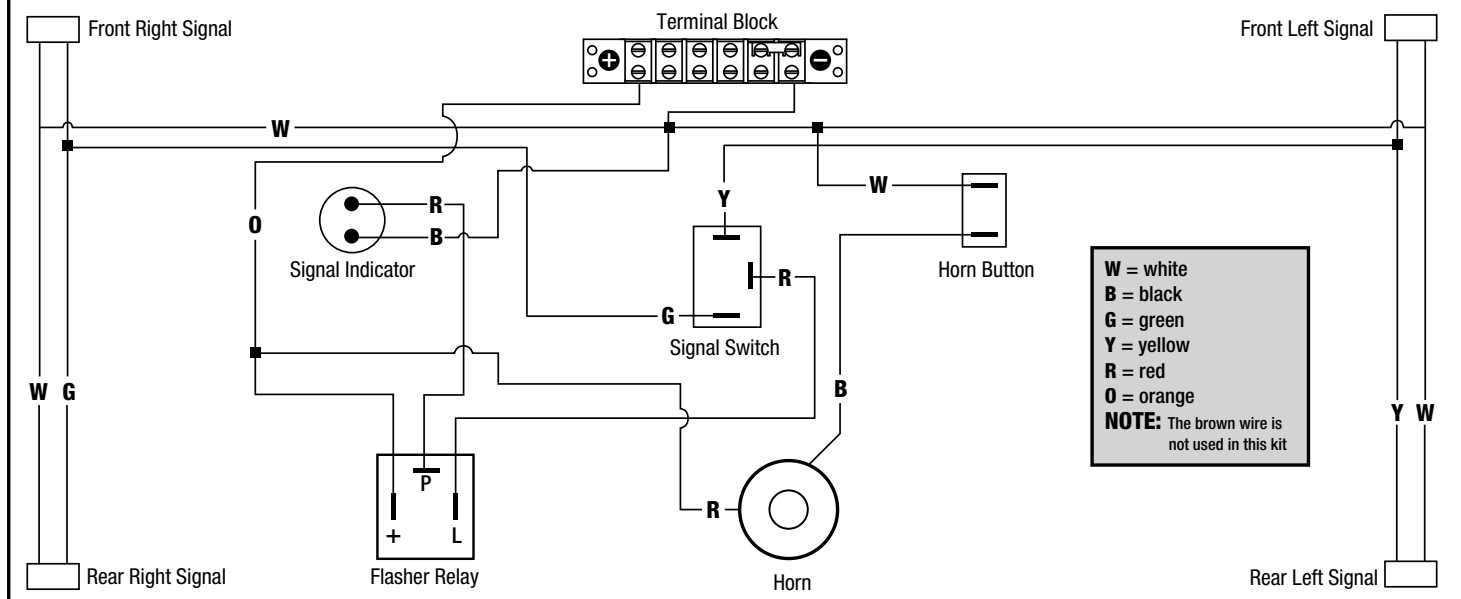


Fig. 10

Wiring Diagram Fig. 11



Wiring Harness / Control components Fig. 12