

## how to operate VSM 900 Turn-Signal Switch

- To Signal Turns** — Move switch handle in direction of turn. Green pilot light will flash to indicate proper functioning. If pilot light does not flash, check for defective lamp or pilot bulbs before checking flasher.
- To Operate Flare** — With switch handle in neutral position, pull flare tab out. All signal lamps and red pilot light will flash for all-round vehicle protection.
- To Release Flare** — Move switch handle left or right. Tab flare will release automatically. Return switch handle to neutral position.

SYSTEM VOLTAGE	LAMPS TO BE FLASHED*	VSM FLASHER TO BE USED
12V	10	558
24V	10	558v24

\*EXCLUSIVE OF PILOT LIGHTS

### CAUTION

Power Lead must be connected to a line which is "hot" when ignition switch is off for hazard warning signal to operate when motor is not running!

### How to wire Model 905 Switch

1. Mount switch on steering column.
2. Wire turn signal and hazard warning functions as indicated for 900 Switch.
3. Disconnect ground cable from battery.
4. Wire headlight Hi/Lo beam circuit as indicated on accompanying diagram.
5. Replace ground cable to complete installation.

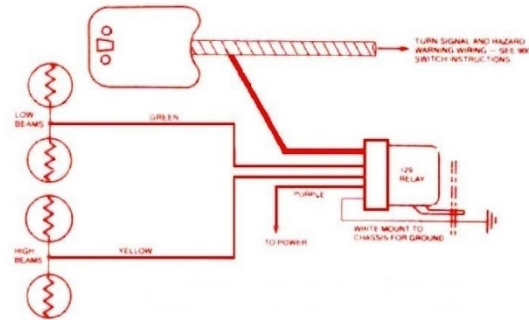
**NOTE:** USE NO. 9143 FOR REPLACEMENT HANDLE AND HI-LOW BEAM SWITCH

### How to wire Model 920 Switch

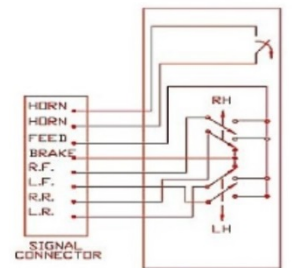
1. Mount switch on steering column.
2. Wire turn signal and hazard warning functions as indicated for 900 series Switch, remaining 2 white wires are for horn function (N/O).
3. Disconnect ground cable from battery.
4. Wire horn circuit. The normally open momentary horn switch is rated at 14VDC 4 Amp. for higher current loads use appropriate relay
5. Replace ground cable to complete installation.



**TO THE MECHANIC**  
Give this instruction sheet to the vehicle owner.



ELECTRICAL SCHEMATIC FOR 920



SCHEMATIC DIAGRAM

installation, wiring and  
operating instructions  
for



**Vehicle Safety  
Manufacturing**

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# VSM<sup>TM</sup> 900 Turn-Signal

FOR NEW INSTALLATIONS AND MAJOR CONVERSIONS  
REQUIRING A FLASHER AND FUSE-IN-LINE, ORDER VSM 9186  
FLASHER CONNECTOR ASSEMBLY, AND THE APPROPRIATE  
FLASHER.

Mounting Instructions

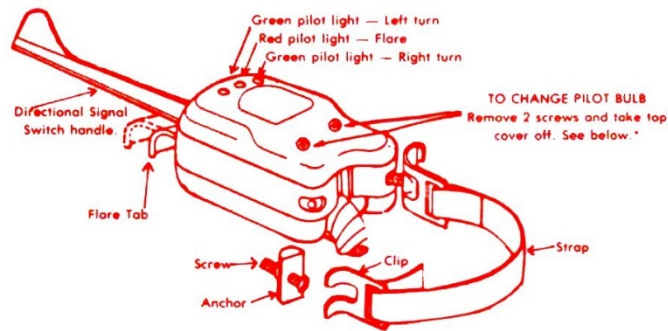
Wiring Instructions

Models VSM900 and VSM901 Switches  
Models VSM902 and VSM903 Switches  
Models VSM905, VSM910 and VSM920 Switches

Operating Instructions

## how to mount VSM 900 Turn-Signal Switch

1. Insert screws into anchors.
2. Insert assembled anchor screws into slots in switch. Do not tighten.
3. Bend strap end through and around clip. Engage clip between anchor and switch housing.
4. Hold switch against steering column in desired position and bend strap around column. Scrape point from column under strap to make ground contact.
5. Estimate strap length required and cut if necessary. Insert unbent portion of strap through other clip and assemble as in Step. 3.
6. Catch clip under anchor and tighten screws equally until switch is clamped firmly to steering column.

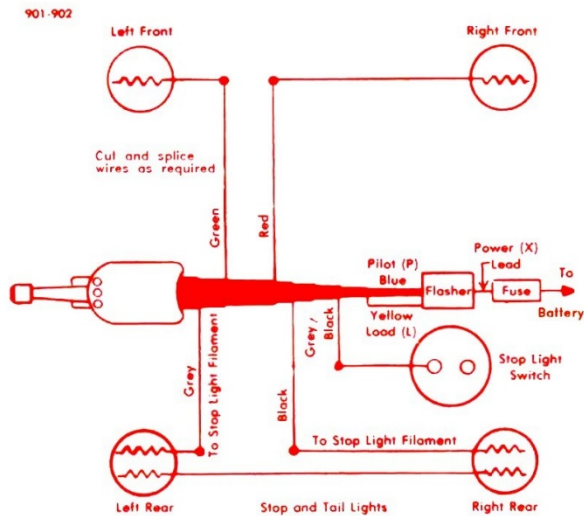


\*When cover is removed, pull Spring Clip away from handle to disengage socket and pilot bulb assembly from handle. Replace pilot bulb with #51 for 6 volt, #53 for 12 volt or #356 for 24 volt service. Re-engage pilot bulb assembly back into handle. Do not try to test pilot bulb until after switch is reassembled and grounded.  
Replace flashers as follows: 6v, No. 181; for 12v, 558; for 24v, 558v24.

## how to wire VSM 900, VSM 901, VSM 910 Switch

1. Mount switch on steering column as shown above.
2. Remove flasher during wiring. Replace flasher only after wiring is completed and checked.
3. Wire as indicated in accompanying diagram.
4. Tape ends of unused wires to prevent shorts.
5. Replace flasher to complete installation.

**NOTE: FLASHER AND FLASHER CONNECTOR ARE NOT INCLUDED WITH SWITCHES. USE VSM 9186 CONNECTOR ASSEMBLY WHEN REQUIRED.**



## how to wire VSM 902 and VSM 903 Switch

1. Mount switch on steering column as shown above.
2. Remove flasher from harness during wiring. Replace after wiring has been completed and checked.
3. Wire as indicated in accompanying diagram.
4. Replace flasher to complete installation.

**NOTE FLASHER AND FLASHER CONNECTOR ARE NOT INCLUDED WITH SWITCHES. USE VSM 9186 CONNECTOR ASSEMBLY WHEN REQUIRED.**

