

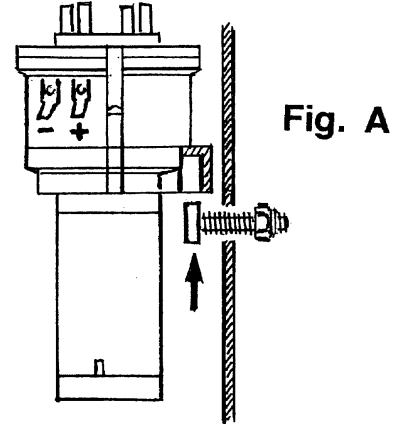


## INSTALLATION INSTRUCTIONS For Model 410 Wobbler horn

The addition of a Wolo horn kit in your vehicle will provide an extra level of sound. The Wolo name, with more than twenty years experience, is your guarantee of a superior horn product.

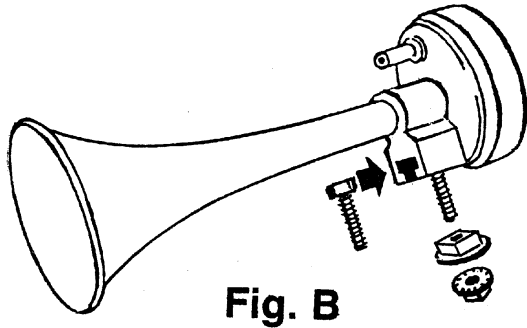
### COMPRESSOR MOUNTING: FIG. A

1. Install the compressor in the engine compartment in a dry location and safe from engine and exhaust manifold heat. To secure the compressor, drill a 3/16-inch hole. Mount compressor vertically (air outlets at the top). Install the head of the bolt into the slot on the compressor's housing and secure to the vehicle using the lock washer/nut provided.



### TRUMPET MOUNTING FIG. B

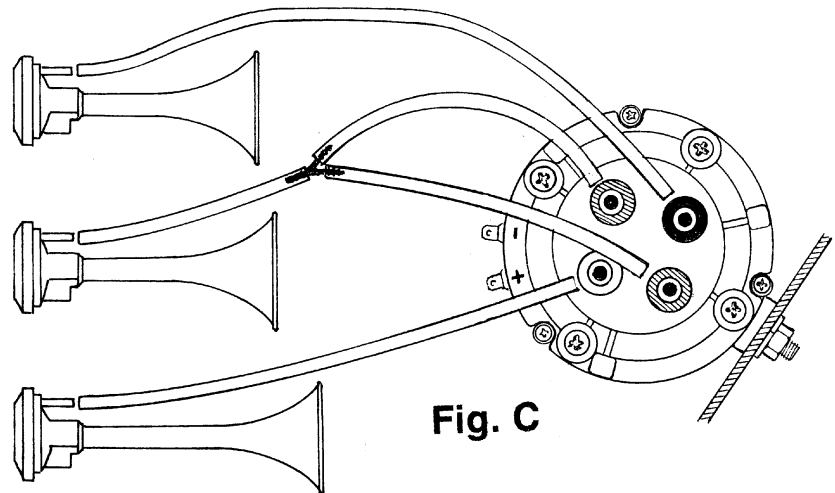
2. Position each trumpet with open end facing down, mark and drill a 1/4-inch hole for each trumpet. Secure to vehicle using the mounting hardware in order shown - spacer, lock washer/nut.



3. **IMPORTANT:** Mount trumpets with the open ends facing down. This will prevent water from entering into the trumpets and compressor. **Water damage to the horn's component parts is not covered by our factory warranty.**

### CONNECTING TUBING FIG. C

4. Using plastic air tubing included in the kit, cut to proper length and install as shown. The inlet fitting on each trumpet has a colored ring. When connecting the plastic tubing, mate with the same color ring on the compressor outlet fitting. **CAUTION:** Avoid making any kinks or sharp bends in tubing that will restrict the airflow and alter the horn's sound.



## ELECTRICAL CONNECTIONS USING VEHICLE'S FACTORY HORN SWITCH

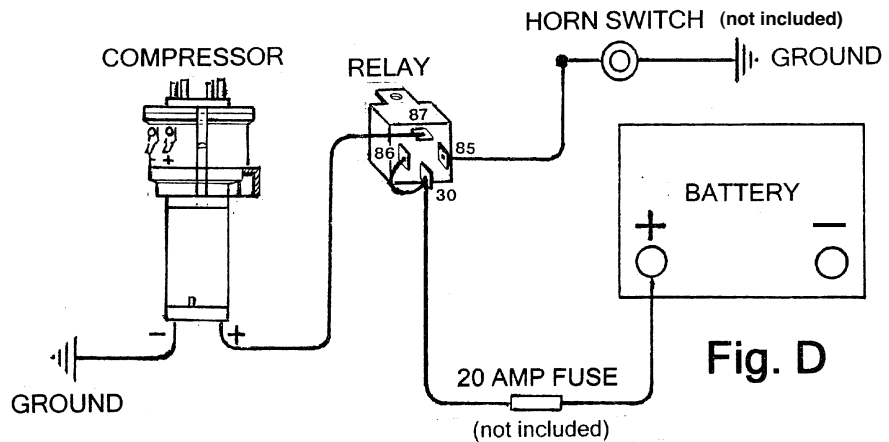
**For a vehicle with a (2) wire system:** If vehicle's factory horn has two (2) terminals, simply transfer the wires to the terminals on the bottom of the compressor. **IMPORTANT:** when testing the horns, if compressor motor turns on but the horn does not sound, reverse the wires connected at the bottom of the compressor.

**For a vehicle with a (1) wire system:** If vehicle's factory horn has one (1) terminal, simply transfer wire to the compressor's positive (+) terminal on bottom of compressor. The compressor's negative terminal is connected to any metal body ground. Connection should be free of rust or paint.

## ELECTRICAL CONNECTIONS FOR A NEW HORN BUTTON SWITCH: FIG. D

Install the relay in a dry location with the terminals facing downward near the compressor.

- A. Connect relay terminal 87 to the positive terminal at the bottom of the compressor. Use no less than a 16-gauge wire.
- B. Connect relay terminal 85 to the horn switch terminal. The other horn switch terminal is connected to ground (body of vehicle). An 18-gauge wire is suggested for this connection.
- C. Connect relay terminals 30/86 to positive (+) 12-volt battery, alternator or accessories. Use 16-gauge or heavier wire. A 20-ampere fuse is suggested to be installed as shown in Figure D.



### RECAP OF TERMINAL CONNECTIONS

- Terminals 30/86: the two (2) terminals are connected to 12-volt positive (+) using a fuse.
- Terminal 85: connect horn switch negative (-).
- Terminal 87: connect positive (+) terminal of compressor.

## TOGGLE SWITCH INSTALLATION FIG. E

The toggle switch, included in kit, will control the horn's sounds. One position for a steady three trumpet sound and the other will produce a alternating sound.

5. Mount the toggle switch in an accessible location inside the vehicle.
6. Connect one terminal of the toggle switch to ground, any body bolt in the dashboard area. Make sure the surface is clean from dirt and rust so as to make a good electrical connection.
7. Connect the other terminal of the toggle switch to the compressor's minus (-) terminal on the side of the compressor using the black wire with the insulated terminal provided.
8. Attach the red wire with the insulated terminal to the compressor's positive (+) terminal on the side of the compressor. Splice the other end of the wire to the wire that is connected on the bottom of the compressor's motor marked positive (+), as shown. **IMPORTANT:** The (+) terminal on the side must be connected only as shown in Fig. E to prevent damage to the compressor.

