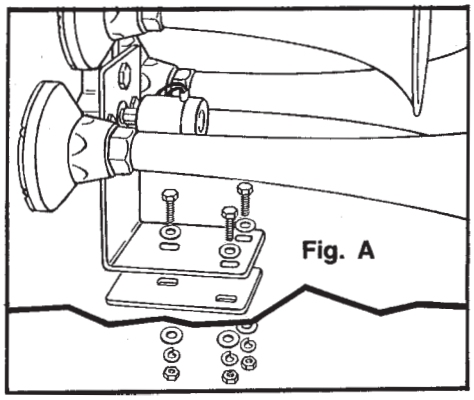
INSTALLATION INSTRUCTIONS
For Models 837, 847, 850 & 887 Train Horns

Your purchase of a Wolo Train Horn is the perfect choice to complement your vehicle. Wolo's products are manufactured with the finest materials. Each horn is tested to insure it meets all manufacturing specifications, before it is packaged.

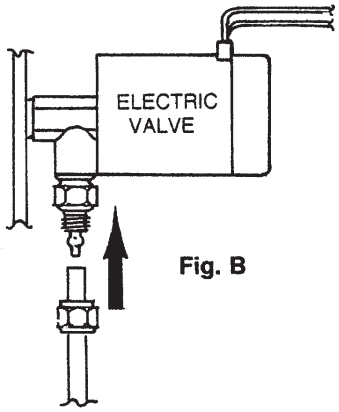
HORN INSTALLATION (Fig. A)

1. Locate a mounting location that is a solid metal surface such as the vehicle's frame or chassis to help prevent excessive vibration, which could damage the horn. **IMPORTANT:** Do not mount horn on fender well or flexible material. For best results, the front of the horn should be unobstructed so that the sound can carry straight ahead.
2. Use the base of the horn as a template, mark the hole locations and drill 5/16" holes.
3. Place the gasket between the mounting surface and the base of the horn.
4. Secure the horn with the hardware provided and tighten evenly.



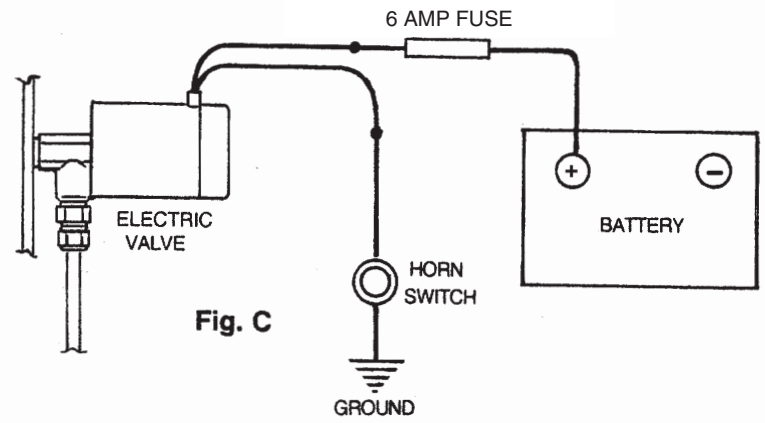
HOSE INSTALLATION (Fig. B)

5. Using the 1/4" plastic hose provided, cut to size to connect the tank to the horn's electric solenoid valve. Place the brass nut onto the hose. Push the hose onto the tank's male fitting. tighten the brass nut onto outlet fitting. **CAUTION:** Do not over tighten brass nut.
6. Place the brass nut onto the end of the air hose. Push the tube onto the male inlet fitting located on the electric solenoid valve.
7. Thread brass nut onto the inlet fitting and tighten. **CAUTION:** Do not over tighten brass nut.
8. Connect the other end of the hose to the vehicle's on-board air tank. Make sure that the on-board air system has no pressure before attempting to connect hose to tank. **IMPORTANT: NEVER INSTALL THE HORN TO A AIR TANK THAT CONTROLS THE AIR BRAKES OR ANY OTHER CRITICAL OPERATING SYSTEM.**



ELECTRIC VALVE WIRING (Fig. C)

9. Connect one (1) wire from the electric valve to the positive (+) battery terminal, alternator, etc. Always protect this circuit with a six (6) amp fuse (not included).
10. Connect the other wire of the electric solenoid valve to the horn switch.
11. Connect the horn switch's other terminal to ground, any metal body bolt that is clean of paint and rust.



Installation Instructions for
Model 860-RT AIR TANK

Your purchase of a Wolo air storage tank is a perfect choice to power your high-pressure air horns, tools and accessories. The Wolo name, with more than thirty years of experience, is your guarantee of a superior product.

TANK INSTALLATION (Fig. 1):

1. The mounting location for the tank should be easily reachable so that the tank can be periodically serviced, draining condensation, water from the petcock located on the bottom of the tank.
2. Use the tank's mounting bracket as a template; mark the hole locations and drill to size 15/32". Secure tank with hardware provided.

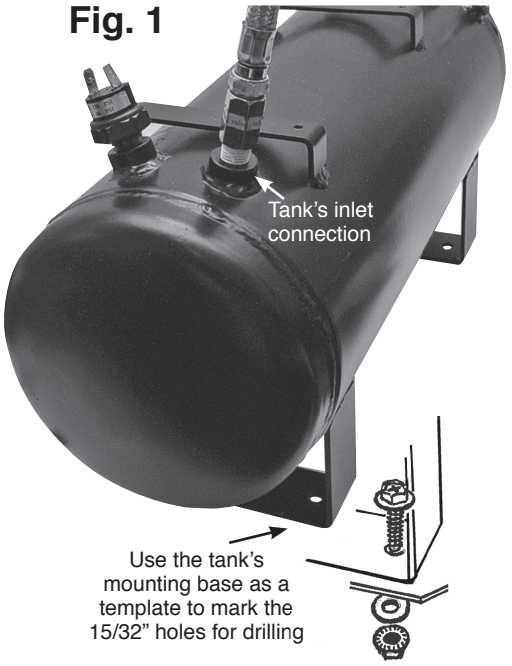
HOSE INSTALLATION: (Fig. 1 through 3)

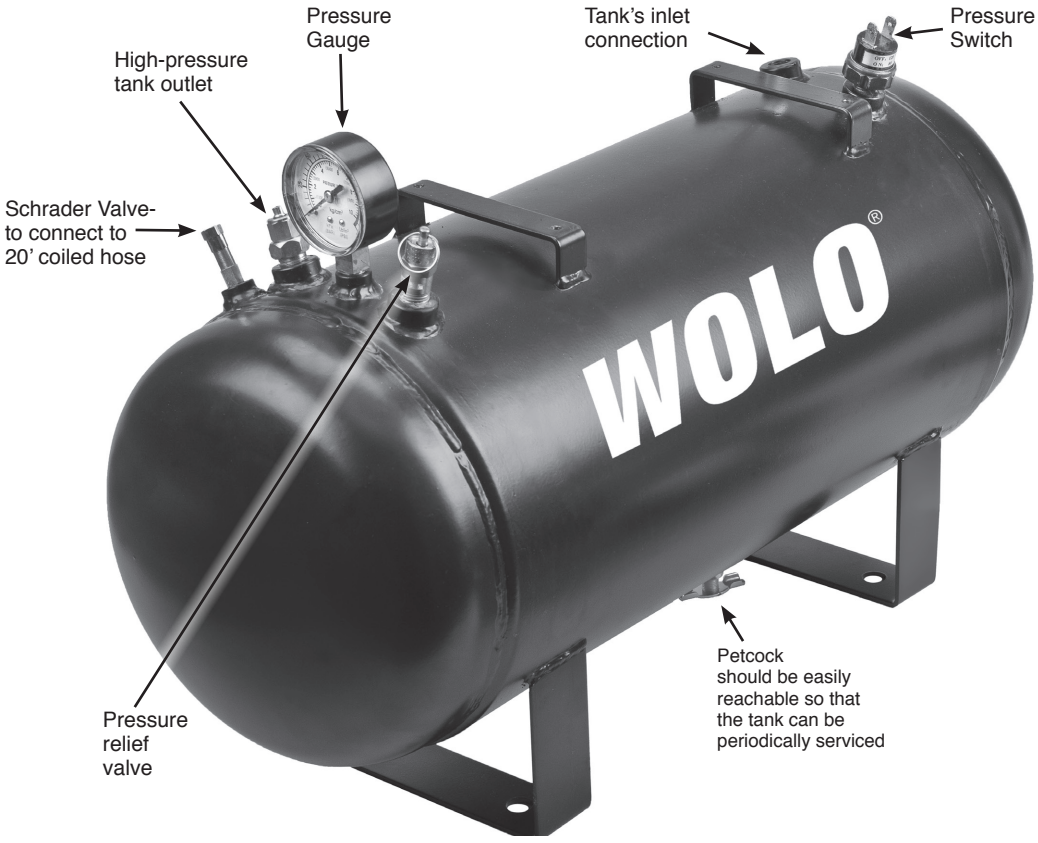
3. Connect the compressors outlet hose to tanks inlet port. (Fig. 1.) **IMPORTANT:** Make sure the threaded fitting used to connect to the inlet port of the tank is 3/8" N.P.T. (National Pipe Thread). **IMPORTANT:** The fitting being installed to the inlet port, must have the threads wrapped with Teflon® tape or coated with pipe sealant to prevent air leaks. (Fig. 2)
4. Using the1/4" O.D. high-pressure plastic hose provided, cut to size to be able to connect the tank to the inlet fitting of the accessory or valve requiring high-pressure air.
5. Place the brass nut from the tank's outlet fitting onto the high-pressure plastic hose.
6. Push the plastic hose fully onto the tanks outlet fitting and tighten the brass nut. **CAUTION:** Do not over tighten the brass nut. (Fig. 3)
7. The other end of the ¼" O.D. plastic hose is connected to the accessory or valve requiring high-pressure air.

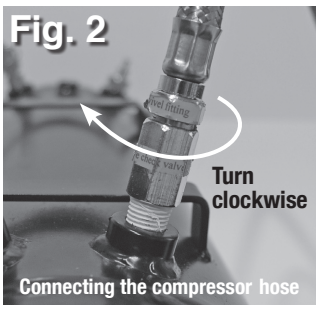
PRESSURE GAUGE INSTALLATION (FIG. 4)

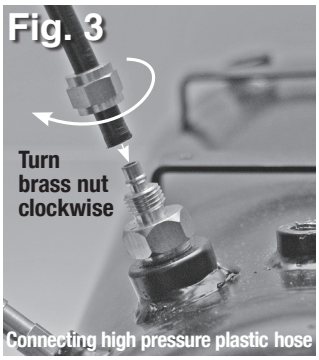
8. Install the pressure gauge to the tank by turning the gauge clockwise. **IMPORTANT:** The threads of the gauge have been wrapped with Teflon® tape to prevent air leaks, do not remove the tape. **CAUTION:** Do not over tighten the gauge when installing.

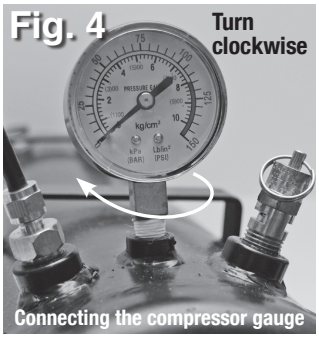
Fig. 1











WIRING TANK'S PRESSURE SWITCH: (Fig. 5 & 6):

9. The compressor's wire that is to be connected to (-) negative is connected to the pressure switch's 1/4" male terminal. **NOTE:** There is no polarity, so you can connect the compressor negative wire to either pressure switch terminal.
10. The black wire with the looped terminal (provided) is connected to ground; secure the wire's terminal to either the (-) side of vehicle's battery or under any metal body bolt. Make sure that the ground connection is free of rust and paint.
    NOTE: The compressor is now ready to be use, connect the compressors other wire to the selected power source. When the pressure in the tank drops below 80 PSI, the pressure switch will automatically turn on the compressor. When the tank pressure is approximately 120 PSI the compressor will automatically turn off. If the compressor does not shut off after 5 minutes of running time, check all air hose connections for leaks and make sure the petcock drain is fully closed. To locate an air leak use soapy water or bubble solution on each fitting, while the compressor is pumping. If leak persists after tightening fitting, remove fitting and wrap with Teflon or thread sealant and re-install fitting.

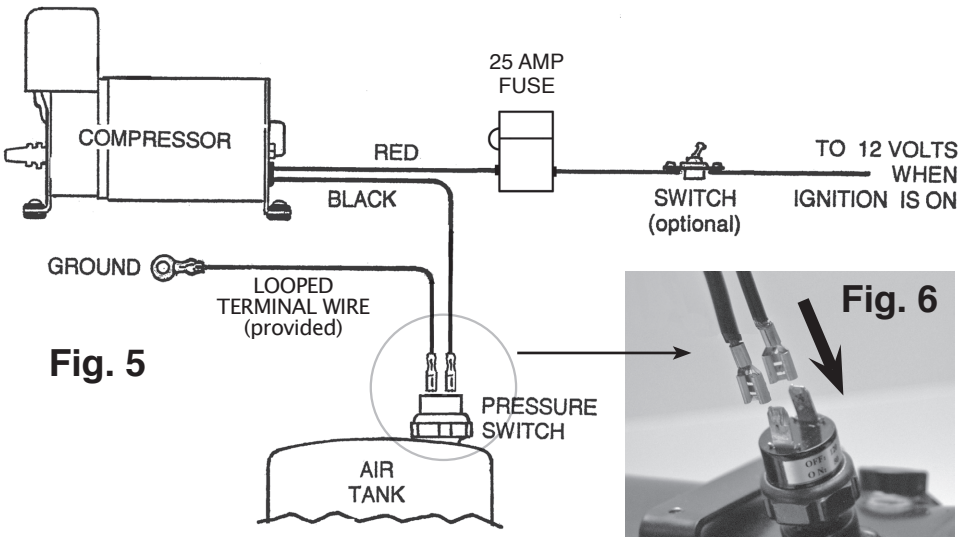


Fig. 5

The compressor's (-) negative wire and the wire provided with the loop terminal are both connected to the pressure switch terminals. There is no polarity, so either wire can be connected to either pressure switch terminal.

CAUTION: Do not touch compressor or fittings with bare hands during or immediately after usage, they will be hot.

IMPORTANT! Compressor is equipped with an internal THERMAL OVERLOAD PROTECTOR. If compressor should shut off before the tank has been filled to the pressure switch's turn off pressure, do not attempt to restart compressor. Allow compressor to cool off for approximately 40 minutes before resuming use.

TANK SPECIFICATIONS

5-Gallon
Welded steel mounting brackets
Petcock water drain
Pressure switch 80 psi. auto-on / 120 psi. off
Safety pressure relief valve rated at 150 psi.
Pressure gauge
Fitting all brass
Tank Size: L 20-1/2 in. x W 8-1/2 in. x H 10-1/2 in.