

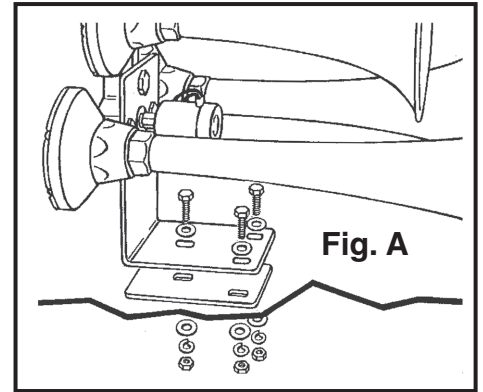
INSTALLATION INSTRUCTIONS

For 12-Volt Train Horns - Models 837, 847, 850, 877 & 887

Your purchase of a Wolo Train Horn is a great choice to complement your vehicle. Wolo's products are manufactured with the finest materials. Each horn is tested to ensure it meets all manufacturing specifications, before it is packaged. If you need help installing your new Wolo horn, our technicians are available to answer your questions, Monday thru Friday, 9 AM to 4 PM EST at 1-888-550-HORN (4676).

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 to a 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 to size 5/16".
3. Place the gasket between the mounting surface and the base of the horn.
4. Secure the horn with the hardware provided and tighten the bolts evenly.

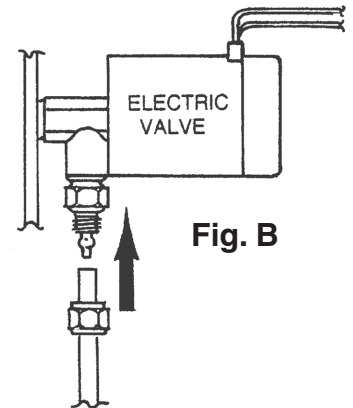


IMPORTANT: NEVER CONNECT THE HORN TO AN AIR TANK THAT CONTROLS THE VEHICLE'S AIR BRAKES OR ANY OTHER CRITICAL OPERATING SYSTEM.

IMPORTANT: MAKE SURE THAT THE ON-BOARD AIR SYSTEM'S TANK IS DRAINED OF ALL AIR AND THERE IS NO PRESSURE REMAINING IN THE AIR LINES, BEFORE ATTEMPTING TO MAKE ANY AIR LINE CONNECTIONS.

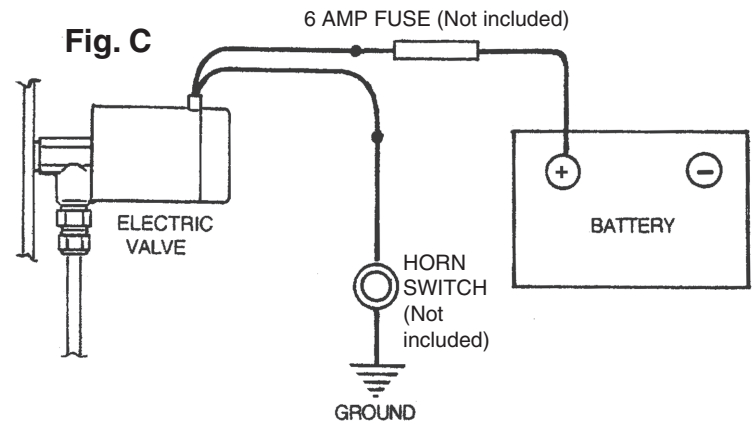
HOSE INSTALLATION (Fig. B)

5. Using the 1/4" plastic high-pressure hose provided, cut to size so to connect the horn's solenoid valve to the tank or air supply.
6. Slide a brass nut onto the hose, push the hose onto solenoid valve's male inlet fitting. Secure the hose to the solenoid valve using the brass nut. **CAUTION:** Do not over tighten the brass nut.
7. Connect the other end of the 1/4" high pressure hose to the auxiliary air tank or air supply.



WIRING ELECTRIC SOLENIOD VALVE (Fig. C)

8. **WARNING:** Failure to wire the electric solenoid valve correctly could result in permanent damage to the valve, the vehicle's electrical system and/or cause a fire. Any deviation to the electrical specifications is at the installers/user's risk. **IMPORTANT:** Disconnect the vehicles battery before beginning any wiring. **IMPORTANT:** The solenoid wire that is connected to +12-volts must have a 6-amp inline fuse (not included) connected at the point of the +12-volt power source, such as the fuse block, the vehicle's battery or any +12-volt power source which is rated by vehicle's manufacturer capable of handling 6-amps. The fuse should never be more than ten (10) inches from the power source. If the wires of the electric solenoid need to be lengthened, use 18 gauge or heavier wire. The electric valve is a low current device, to operate this product at peak performance make sure all connections are clean of paint, rust and corrosion and firmly secured.
9. One (1) wire from the electric solenoid valve is connected to positive +12-volts, such as the vehicle's battery, alternator, etc. Always protect this circuit with a six (6)-amp fuse (not included).
10. The electric solenoid valve's other wire is connected to a horn switch (not included).
11. Connect the horn switch's other terminal to ground, any metal body bolt that is clean of paint and rust.
12. To prevent shorts make sure all wire connections are properly insulated.
13. Make sure all wires are securely fastened to vehicle using plastic wire ties or electrical tape (not included). **WARNING:** Carefully inspect the interior driver's area to make sure the electric solenoid wires or the vehicle's electrical system wires are not interfering with the operation of vehicle's controls; air bags, accelerator, brake, clutch pedals and etc.
14. Reconnect the vehicle's battery. Installation is complete.



Always use ear protection when sounding horn.

Warranty

Wolo Manufacturing Corporation (“Wolo”) warranties to the original purchaser, for three months from the date of purchase, that this product is free from defects in workmanship and materials. If there is such a proven defect, Wolo, at its option, will either repair or replace the item free of charge, if it is returned to Wolo within three months from the date of purchase together with proof of purchase as described below. Wolo reserves the right to inspect any defect prior to settling any warranty claim by repair or replacement. This warranty is limited as above provided and Wolo will not be responsible for fire or other casualty or accident, due to neglect, abuse, abnormal use, modifications, faulty installation of this product, or natural causes.

ANY EXPRESSED WARRANTY NOT PROVIDED HEREIN IS EXCLUDED AND DISCLAIMED. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY LIMITED TO A TERM OF THREE (3) MONTHS. UNDER NO CIRCUMSTANCES SHALL WOLO BE LIABLE TO PURCHASER OR ANY OTHER PERSON FOR ANY SPECIAL OR CONSEQUENTIAL DAMAGES, WHETHER ARISING OUT OF BREACH OF WARRANTY OR OTHERWISE.

To obtain warranty service, return the product prepaid, and include the original bill of sale showing the date of purchase. Provide with the return a brief description of the problem. Also, include with the return a check or money order in the amount of \$20.00 to cover return shipping. Mail to:

Wolo Manufacturing Corp.
One Saxwood Street, Deer Park, NY 11729
Attn: Warranty Service
E-mail: tech@wolo-mfg.com