

## MODEL 730 INSTALLATION INSTRUCTIONS

### Installing the VX6003 Heavy Duty Solenoid Valve:

You must remove the center trumpet on the Model 730 to gain enough room to spin the heavy duty solenoid valve into place. The trumpet is installed securely. To get the best grip on the trumpet, use both hands and grip the outsides of the largest part of the horn bell, turning counter clockwise.



#### Note:

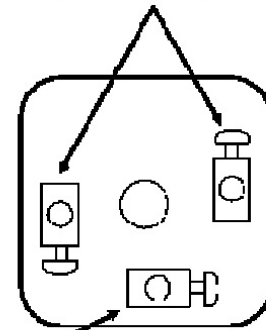
The direction of the arrow on valve body indicates the direction of air flow. The arrow must face the horn base and manifold for proper flow direction and operation. Once installed, your valve assembly should look like the image to the left.

Please take into consideration, the orientation of the valve body as well as the wiring housing which should be to one side of the center trumpet for clearance.

### Wiring the VX6003 Heavy Duty Solenoid Valve:

1. The solenoid has a removable housing that prevents dust and moisture from entering the coils and causing damage. Remove the Philips screw that secures the housing to the body and slide the plastic housing off to expose the screw terminals.
2. Follow wiring instructions below depending on how you want to activate your Solenoid (Button vs. Regular Steering Wheel). Run all wire connections through the housing to protect the solenoid.
3. After wire connections are made, replace the plastic housing and Philips screw. Make sure the housing is sitting securely inside the gasket against the body of the solenoid.  
The solenoid valve can be operated either by your vehicle's existing horn switch, or with an independent pushbutton switch (not included).

Connect to -12v or ground  
(interchangeable)



Do not use

# MODEL 730 **THE DEMON™**

## **To wire to your existing switch:**

1. Determine polarity of your horn switch. In most vehicles, the horn switch sends a negative signal. To confirm, connect one probe from an ohm meter to the horn wire in the vehicle and the other to ground. Your meter should read zero ohms. This would indicate a negative horn circuit. If your meter does not read zero ohms, test for voltage between the horn wire and ground. +12 volts would indicate a positive horn circuit.

**NEVER use a test light when probing in the steering column. Accidentally probing the air bag wire could deploy the air bag.**

2. Once you have determined the polarity of your horn circuit, connect one screw terminal of the solenoid (see diagram) to the horn wire.

Negative Circuit: Connect the remaining screw terminal from the solenoid to a constant 12 volt source.

Positive Circuit: If your horn circuit is positive, connect the remaining screw terminal to ground.

## **To wire to a Momentary Push Button:**

1. Connect one screw terminal of the solenoid to a +12 volt power source. It is recommended that you use a 5-amp fuse between the solenoid & power source.
2. Connect the remaining screw terminal to one side of the switch.  
Connect the other side of the switch to ground

## **Mounting the 730 Demon™**

Use the supplied mounting hardware to securely attach the horns to the vehicle. Model 730 Demon™ Train horns can be separated from their base, allowing many more installation options. Note: extra air line is required but not supplied for separate installation of the horns. Whenever possible, mount the 730 with the trumpets angled downwards to allow them to drain using gravity. This will prolong the life of your horns and keep them from collecting debris.

## **Use your OAR LOCKS!**

Model 730 comes with three oar locks, which must be used when the train horn is mounted horizontally. They will keep the very large trumpets of the 730 from moving, which may cause damage. Bolt each down securely once they are positioned for the best possible support of each trumpet.