



# INSTALLATION GUIDE

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V101C-5/212, V103C-5/212

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## **AIR HORN INSTALLATION:**

Before installing Air Horn you will need to Choose which of the two air inlets is the most suitable for your installation. See below **Method A** or **Method B**.

**METHOD A.** (Fig. C.) Is recommended for a roof mount installation using the air hose provided, connecting to the horn's air inlet located at bottom base plate.

**METHOD B.** (Fig. D) Using the air inlet located at the front of the horn base.

**IMPORTANT:** For **method B**, before securing the horn to the vehicle, you will need to screw the provided small plug into the horn's air inlet located at the bottom base plate. Unscrew the other plug located at front of horn. Screw-in the provided reducer brass fitting, and then screw the electric air valve to the reducer fitting. To connect to the air tank, Follow the instructions as described in step 9.

1. Locate the desired area you wish to mount the air horn. For best results, the front of the horn should be unobstructed so that the horn's sound can project fully. Using horn's gasket as a template, mark hole locations and drill to size. See Fig. A.

**IMPORTANT:** For method B mounting: only drill the two-(2) side holes, (the center hole is not required).

2. Secure the horn to the vehicle using the provided hardware. Tighten screws evenly to prevent damage to the horn. See Fig. A.
 

**IMPORTANT:** Be sure to use the rubber gasket to protect against water leaks.
3. Position the front trumpet support bracket around the narrow part of the trumpet. Push the bracket forward until it is tight. Use the bracket as a template to mark the hole locations and drill to size. See Fig. B.
4. Secure the front trumpet bracket to the vehicle using the provided hardware. Tighten screws evenly to prevent damage to the horn. See Fig. B.
 

**IMPORTANT:** Be sure to use the rubber gasket to protect against water leaks.

## **CONNECTING TO AIR INLET METHOD A – (See Fig. C)**

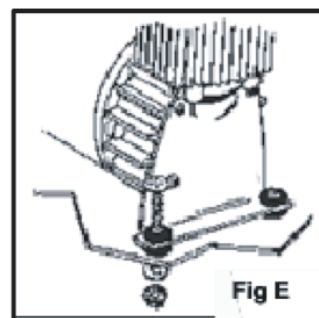
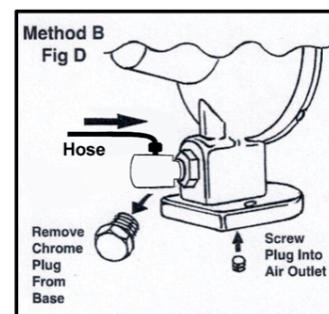
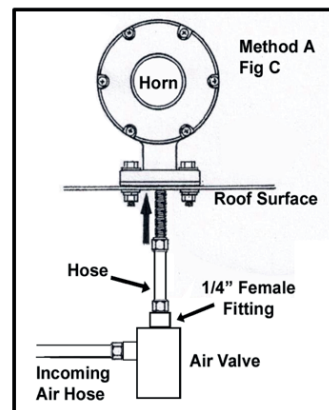
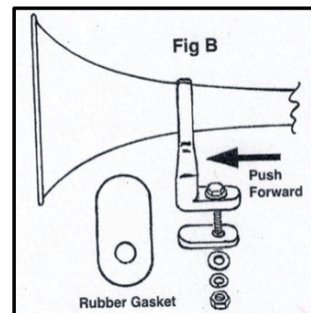
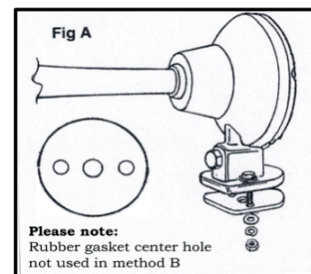
5. Screw-in the provided threaded brass tube into the horn's bottom base.
6. Apply Teflon Tape around the threads to prevent air leaks. Unscrew the compression cap from the brass tube. Insert the end of the air hose through the compression cap and the plastic Farrell. Secure the cap to the brass tube. **CAUTION:** Do not over tighten. Avoid making any kinks or sharp bends in the air hose that might abstract the airflow to the horn.
7. Thread-in the provided female compression fitting to the Electric Air Valve 1/4" male thread.
8. Connect the other end of the air hose to the threaded female compression fitting. (use the same method as described in step 6). Connect the compression fitting provided to the tank.
9. Measure the distance from the air tank to the air horn location, and cut the an air hose length to suit your needs. Connect 1 end of the air hose to the Electric Air Valve using the same method as step 6. The other air hose end should be connected to the tanks air outlet with the provided 1/8" compression fitting, using the same connection method.
 

**IMPORTANT:** Apply Teflon tape (provided) to all threaded parts of air horn kit.

## **COMPRESSOR INSTALLATION:**

10. Locate an area in the engine compartment that is dry and safe from the heat of the exhaust manifold heat. Try to mount compressor as far to the front of vehicle as possible to provide a good airflow around compressor.
 

**IMPORTANT!** Do not mount on fender well or other flexible material.
11. Using the compressors mounting brackets as a template, mark the hole locations and drill to size. Secure the compressor to the mounting surface with the hardware provided. (Fig E.)





## INSTALLATION TIP RECOMMENDATION

If you are not handy and have no ability to install this horn, we recommend having a professional to do the installation. We do not recommend a regular auto repair shop because they might not have the know how about installation of an aftermarket air horn system. Most of the time they do not even read the installation instructions and they wind up installing the components electric connections the wrong way. We do recommend any "ALARM AND STERO INSTALLTION SHOP" that has more experience, and specialize in installing air horn systems, and other accessories.

### PLEASE NOTE THE BELOW IMPORTANT INFORMATION:

Upon completion of installation:

1. We you finish installing the air horn kit we recommend checking the system for air leaks.

Start the vehicle and let the air compressor fill up air into the air tank. Depending on the supplied air pressure switch ratings it will stop the compressor at around the off rated point marked on the air pressure switch. Take a look at the air pressure gauge to verify the air pressure is around the air pressure Off ratings that is marked on the switch.

2. Fill a small container with soapy water and dump a rag into the soapy water. Using the wet rag smear the soapy water all over the connecting fittings, hoses, screwed in threads, and look for any air bubbles. If you detect any air bubbles, you'll have to repair the leak. Important: the purpose of checking for air leaks is to prevent from the air compressor to work more than the usual. When the air compressor loses air constantly, it will come on too often to recoup the air lose, and eventually get hot, burn out, and seize from operating. Also it might drain your battery if the vehicle is parked for a long period.

3. We highly recommend installing a master On/Off switch (not included), to shut off the horn system when the vehicle is not in use, or parked for the night. This will prevent from the air compressor to go on and off many times, if you have an air leak in the system. This master on/off switch can be spliced into the compressor's positive (+) wire, and it should be installed inside vehicle, in a location reachable by the driver.

4. After you checked for leaks, and you did not find any, and the compressor keeps pumping over the rated max pressure marked on the air pressure switch and does not stop. Chances are that either the air pressure switch is bad or a wrong connection of the switch. The switch should be spliced into the ground wire only as described in chapter 10. Otherwise it will not function right, or short out the system.

5. If the compressor does not come on, there might be a few issues to look at. Check for a burned fuse on the circuit you connected it to. Also check the inline fuse on the compressor's positive (+) red wire, if it burned out. If that is not the case, remove the air compressor and test it next to the vehicle's battery by connecting the red compressor wire to the positive (+) side of the battery, and connecting the black compressor wire to the negative (-) side of the battery. If the compressor comes on, then it might be something wrong with your electrical connections. They might be crossed, or the black ground wire is not grounded to a clean metal surface. The ground wire on the compressor should be connected to 1 side of the air pressure switch, and the other side of the pressure switch should be connected to ground that is clear of rust, dirt or greasy surface.

#### CAUTION:

The long fitting at the end of the braided compressor's air hose acts as a check-Valve and unscrews a part into 2 pieces. On the male and female parts there are O-Rings. Make they are in good condition.

DO NOT OVER TIGHTEN the fitting when connecting to the air tank, to avoid squashing those O-Rings. Once they loose their formation and integrity they will start leaking air, which will cause the compressor to go on and off all the time and get very hot, and eventually seize and stop the compressor from working.

FITTING SHOULD BE TIGHTEN SNUG (do not over-tighten)

**For any questions you may have you can call out tech support during business hours (eastern time) from 8:00 AM to 3:00 PM at: (786)565-9925. We will do our best to help you with any issue(s) you are having..**

#### **WARRANTY**

All "Viking Horns" products carry a warranty of six month, when properly installed and used under normal conditions, and to be free from defects in workmanship and materials from the date of the original purchaser of the product. Warranty does not cover abuse, operation in a manner inconsistent with the product's design, neglect, abnormal use, or damage resulting from exposure to the elements, any modifications or faulty installation. "Viking Horns" will fully inspect your item and if the defect is considered under warranty, we will have the option to repair, or replace the product free of charge to the original purchaser. "Viking Horns" will not be held liable for any installation charges, loss or damage of any kind incurred in the replacement or repair of any warranted product. Any return shipping charges will be paid by the end user