

## **INSTALLATION GUIDE**

DUAL TRUMPET HORN MODEL #V621K



# **INSTALLATION GUIDE**

#### TRUMPETS INSTALLATION:

- 1. Locate the desired area you wish to mount trumpets.
- (NOTE: COMPRESSORS HAVE TO BE MOUNTED CLOSE TO TRUMPETS IN A DRY INTERIOR LOCATION).
- 2. Line up mounting bracket and mark hole locations and drill to size.
- 3. Connect nylon hose to output fittings and attach mounting bracket to horn and mount at drilled holes.

#### **COMPRESSORS INSTALLATION:**

- 4. For best performance mount the compressor close to the trumpets. The compressors are not water resistant, it is important to mount them under the vehicles hood in an area that is dry.
- 5. The compressors should be mounted vertically, with its air outlet facing down.
- 6. Drill two 5/16 inch mounting holes. Using the hardware secure compressors to location.

**CAUTION:** Plastic tubing between compressor and trumpets should not have sharp bends or kinks which might stop or reduce air flow, resulting in reduced sound output.

7. Connect each hose to each compressor air outlet, as shown in the picture on page 2.

#### **COMPRESSORS INSTALLATION:**

#### 8. Electrical Connections – Using Vehicle's Factory Horn Switch

**IMPORTANT:** You are not required to use the relay supplied with the kit because the vehicle factory system already has a relay. Positive (+) wires coming out of each compressor should be spliced together. Do the same with the Negative (-) wires. As shown in the picture on page 2

**A.** For two (2) wire systems: If a vehicle's factory horn has two (2) terminals, simply transfer the wires to the compressor's terminals **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.

B. For one (1) wire systems: If a vehicle's factory horn has one (1) terminal simply transfer wire to the compressor's positive (+) terminal.
B. Using a 16-gauge wire, the compressors negative terminals are connected to any metal body bolt. A groundconnection should be free of rust and paint.

#### 9. <u>Electrical Connections-</u> For a New Horn Button Switch:

Install the relay in a dry location with the terminals facing downward near the compressor. Refer to Figure 1 for wiring

- **D.** Connect relay terminal 87 to the positive terminal at the bottom of the compressor. Use16-gauge wire or heavier.
- **E.** 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.
- F. Connect relay terminals 30/86 to positive (+) 12-volt battery, alternator or accessories. Use 16-gauge or heavier wire. A 20-ampere fuse holder (not included) should be installed as shown in the picture on page 2.

#### G. Recap of Terminal Connections for New Horn Switch:

Terminals 30/86: the two terminals are connected to 12 volt positive (+) using a fuse.

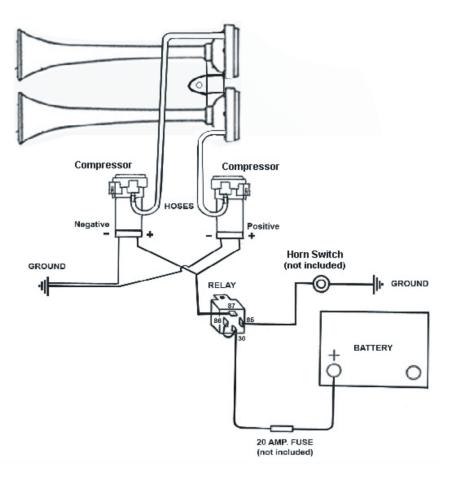
**Terminal 85:** is connected to the horn switch. The other terminal of the horn switch is connected to ground.

Terminal 87: is connected to the positive (+) terminal of the compressor.

PLEASE NOTE: IF THE HORN KEEPS BLOWING FUSES, YOU'LL NEED TO UPGRADE THE FUSE TO A 30 AMP FUSE AT THE CIRCUIT YOU CONNECTED THE HORN TO.



### HORN MODEL #V621K DUAL TRUMPETS & DUAL AIR COMPRESSORS



#### 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.