HornBlasters

Don't Blow Your Temper, Blow Your Horns!

6-BELL UPGRADE
INSTALLATION MANUAL

w/ optional STDK instructions

WARNING: To ensure the longevity of your system, reading and following these instructions are recommended.

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6-BELL UPGRADE INSTALLATION GUIDE

BEFORE GETTING STARTED

Read over the entire instruction guide before you begin your installation.

KIT CONTENTS:

HU-S6-1

- 1 of #2 Shocker bell
- 1 of #3 Shocker bell
- 2 of 1/8" FNPT x 5/16” PTC elbow fittings
- 1 of 1/2" NPT x six 5/16” PTC manifold fitting
- 10 feet of 5/16” air line

HU-S6-2

- 1 of #2 Shocker bell
- 1 of #3 Shocker bell
- 2 of 1/8" FNPT x 5/16” PTC elbow fittings
- 1 of 1/2" NPT x six 5/16” PTC manifold fitting
- 10 feet of 5/16” air line
- 4 of black 6-horn extensions

Tools Needed:

- 13/16” wrench or adjustable wrench
- 9/16” wrench
- 1/2" wrench
- 3/8" wrench or socket
- Air line cutter

IMPORTANT: The air horns and connecting fittings up to the outlet of the air valve will use 5/16” air line. The air source unit will use 1/2” air line to connect to the inlet port of the air valve.
IMPORTANT: Do not make any kinks in your air line. Doing so will disrupt air flow and the damage is irreversible.
IMPORTANT: The air valve is directional and must be properly installed. There is an arrow on the brass body of the valve that shows the airflow direction, the arrow must point towards the horn. Improper installation will cause the valve to malfunction and create a constant air leak to the horns.
IMPORTANT: Overall width of the STDK will increase from 20" to 29", check for clearance prior to installation.

IMPORTANT SAFETY INSTRUCTIONS

This document provides all the necessary information to allow your HornBlasters product to be properly and safely installed. Before beginning the installation and/or operation of your new product, the installation technician and operator must read this manual completely. Important information is contained herein that could prevent serious injury or damage.

PLANNING YOUR INSTALLATION

If this isn’t the second time you’re reading the instructions, keep reading!

- Plan out the location of each component before starting your installation.
- Make sure you have enough airline and wire to install the system before beginning.
- Make sure mounting locations are secure and void of debris. The horns are ideal for mounting under the cab, along the frame rails, in front of your radiator, etc. To prevent your horns from being muffled, leave plenty of space in front of them to allow them to project (horns facing down is ideal).
- The electric valve may be mounted anywhere between the air tank and the horns but the less tubing used between the valve and horns, the sharper the blast!
- The horns should not be mounted where they will be submerged or will receive any kind of impact.

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INSTALLING YOUR 6-BELL UPGRADE

The HornBlasters 6-Bell Upgrade can be installed in conjunction with existing or new Conductor's Special horn kits, except 238A models. The guidelines for the installation of the product are written so that no matter what vehicle is being used, the installation and operation will be universal and straight forward.

Installation instructions will be given as if you already have a Conductor's special kit installed on the vehicle, as this is the most popular situation. If this is a new installation you can skip to section 398439393939.

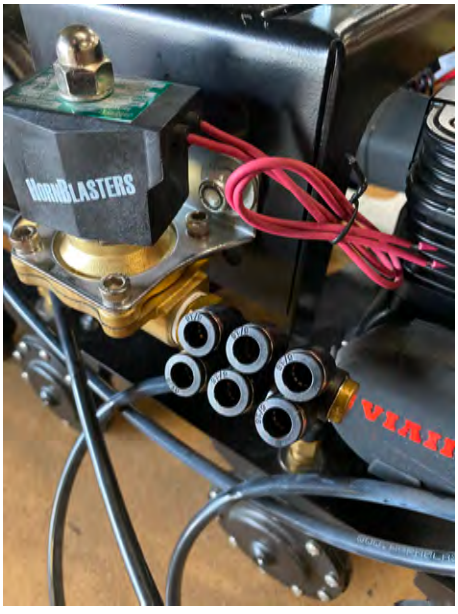
A. ALL EXISTING INSTALLATIONS:

1) Locate the air solenoid valve on the vehicle. The solenoid valve will have one large ½" air line on one side and a four way manifold fitting on the other side. The solenoid valve does not need to be removed, unwired, or unplumbed from the system to make this change, except if it is easier to access away from the vehicle.
2) Remove the four smaller pieces of black air line from the four way manifold. To release the airline, press down on the retaining collar on the fitting's opening with one hand and pull the air line out with the other hand.
3) Using a 13/16" wrench or an adjustable wrench, remove the four way manifold fitting from the solenoid valve. This part will not be reused.
4) Install the six way manifold fitting into the solenoid valve in the opening previously occupied by the four way manifold fitting. Using a 13/16" wrench or an adjustable wrench, tighten the six way manifold fitting.
5) Locate mounting locations for both of the new Shocker bells. We suggest mounting the two new bells near the existing four bells. Once the two new bells are mounted, install the elbow connectors onto each new bell using a 9/16" wrench..
6) All six pieces of 5/16" airline should be the same length. Using the included 5/16" airline, measure and cut two additional pieces of air line. Install air line into the elbow pieces by inserting firmly into the quick connect. Then route and install all six pieces of air line into the six way splitter avoiding any kinks, sharp edges, and the air compressor.

Note: Before cutting any air tubing make sure to double check your measurements. Make sure to cut equal lengths of air line to connect each horn to the manifold or the horns may sound at different times. We recommend cutting lengths with at least an extra inch per line just to be safe. Unlike compression fittings our push to connect fittings can be used multiple times. The air valve should connect to the center tting of the banjo fitting. When threading any fittings make sure to use Teon tape to prevent air leaks. The air valve may be mounted in any direction but it preferred that it is mounted vertically.

FOUR WAY MANIFOLD

SIX WAY MANIFOLD



ELBOW FITTINGS

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INSTALLING YOUR 6-BELL UPGRADE

B. SPARE TIRE DELETE KIT INSTALLATIONS

If you have an existing Spare Tire Delete Kit or are assembling a new Spare Tire Delete Kit, this section will cover additional steps needed to install four (4) support brackets and two (2) new Shocker bells.

Note: If you are assembling the STDK for the first time, you can skips steps 1-3 on the previous page. Also, Shocker bells are numbered 1,2,3, and 4. With #1 being the longest and #4 being the shortest.

1) Locate the two (2) additional bells, two (2) angled brackets, two (2) straight brackets, two (2) elbow fittings, and 5/16" air line.
2) On your STDK, start at the side with the longest bell (#1). Remove the elbow fitting with 9/16" wrench, brass nut with ½" wrench, and washer from the air inlet side. Save these items. Remove the silver nut with a ⅜" wrench and washer from the front of the bell. Save these items. Repeat with bell #2.
3) Locate extra bell #3. On the brass air inlet side, place the flat bar with three holes over the brass fitting on all three bells. Secure each bell with first a washer, followed by the brass nut. Tighten accordingly. Finish by adding elbow fittings to each bell, as shown in Fig 1.
4) Of the two angled brackets, the bracket that is closer to a 90 degree angle is used to connect the extra #3 bell to the existing #1 and #2 bells on the STDK as shown in Fig 2. Each bell uses two silver washers. Place one washer at the bottom of the stud against the bell and the second washer on top of the brackets before the nut. Tighten the nut accordingly
5) Repeat steps 2 and 3 on the other side of the STDK. This time you will locate the extra #2 bell and install it next to the #4 bell.
6) Of the two angled brackets, the bracket that is closer to a 120 degree angle is used to connect the extra #2 bell to the existing #3 and #4 bells on the STDK as shown in Fig 3. Each bell uses two silver washers. Place one washer at the bottom of the stud against the bell and the second washer on top of the brackets before the nut. Tighten the nut accordingly.
7) Now that all six bells are assembled together on the STDK, refer back to step 6 on the previous page to install your air line.

Fig 1

Fig 2

Front View

Rear View

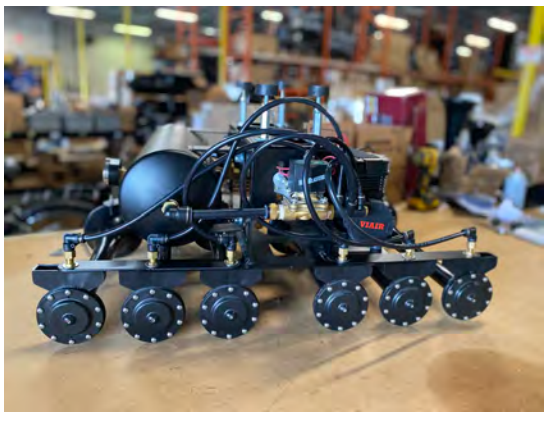

Fig 3