

## Spare Tire Delete Assembly and Installation Instructions

Hornblasters Spare Tire Delete Kit will allow any customer with a spare tire mount under their vehicle (ie. truck, SUV, van, etc..) the ability of removing the spare tire to easily and quickly install our kit. This kit provides the customer with not only a seriously loud train horn, but an on-board air source that has the optional ability to fill tires, use air lockers, inflate recreational equipment and run small pneumatic tools. An easy three pair wire hook-up decreases installation time by 80% and a compact design uses the space efficiently to ensure the kit fits tightly to the vehicle. Time spent under the vehicle is minimal and a typical installation can be completed in about an hour.

Directions to install the assembled Spare Tire Delete Kit below. Please follow these steps to ensure a successful installation.

- Use your factory vehicle accessories to lower your spare tire from under the vehicle.
- Remove spare tire from the vehicle.
- Carefully place the horn kit directly under the spare tire carrier. The horns should be touching the ground. (Image 1)
- Place the metal piece that held the spare tire carefully inside the oval shaped hole on top of the bracket (two options).
- Install the included bump stops to top 4 locations on the bracket. Some adjustment will be needed to fit your specific vehicle application. These bump stops can be adjusted both horizontally and vertically to allow the horn kit to be installed level in the vehicle.
- Make note of where all the wires are located for the kit. Follow instructions on page 2.
  - Three black ground wires (Compressor, Pressure switch & Valve)
  - Large red wire (Pressure switch to battery)
  - Small red wire or blue wire, depending on pressure switch used (Pressure switch to 12 volt ignition positive)
  - Small grey wire (Positive horn signal) Horn valve has two small grey wires, either can be used as positive or ground
- Carefully and slowly raise the vehicle's spare tire carrier winch and check frequently for any clearance or rubbing issues. The horn kit can face any direction, but it is recommended the opening of the horns face towards the rear.
- Make sure the horn kit is not touching any part of the exhaust or located in close proximity to a heat source. (Image 2)
- Two stainless steel safety cables were provided in the kit. Attach them to secure the horn kit to the vehicle in case there is ever a failure of your vehicle's spare tire carrier.

\*\*\*NOTE\*\*\* Due to a new bracket design, images will be reversed!

Image 1



Image 2



Assembly Instructions: \*\*\*NOTE\*\*\* Due to new bracket design images are reversed.

Assembly instructions to install your Conductor's Special train horn kit are similar to the standard instructions received with the original kit, but some special notes and fittings are important for a successful transition.

With the Spare Tire Delete upgrade kit you will receive hardware and fittings to make the installation easier, faster and more compact.

1. The rubber feet you receive are adjustable and will fit a variety of applications. Start by loosely assembling each one to the top of the spare tire fixture.
2. Mount the four black Shocker bells in the direction of your choice, the holes on both sides can accommodate both size hardware, but we suggest mounting the air inlets on the straight side.
3. Tighten the 3/8 " nut on the front of the bell and 1/2 " nut on the back.
4. Install four elbow fittings, one per bell. Use 9/16 " wrench
5. With supplied hardware install compressor facing towards the back of the bells. Install air filter/air filter relocation kit. Leave leader hose uninstalled at this time.
6. With supplied hardware install tank to bracket making sure the two side ports face down towards the horns.
7. Install the air solenoid in the slots on the bracket on the same side as the back of the horns, but do not tighten all the way. Double check to make sure the directional arrow on the electric valve is pointed towards the horns.
8. Once valve is installed in the slots, thread a 1/2 " airline fitting in the left side of the valve and a 4 way air splitter into the right side. Tighten until secure.
9. Install 90 degree 1/2 " fitting into the end of the black tank. Make sure once tight it faces the solenoid valve and is level.
10. Cut a piece of 1/2 " airline approx 5.75" in order to connect the tank to the solenoid valve. Once connected to both, tighten bolts securing the solenoid valve.
11. On the opposite end of the tank from the 90 degree 1/2 " fitting use a 1/2 " to 1/4 " brass reducer bushing to install the gauge. Or you can install the gauge on the side of the tank, using a plug for the unused port.
12. Install the drain valve and safety blow off valve on the bottom of the tank, side facing the horns.
13. The last port is on the tank facing the bracket. Install the 1/4 " Run T. The Run T needs to be installed at an angle towards the front of the bells for it to accept the leader hose of the compressor AND the pressure switch. See pictures. The pressure switch installs with an 1/8 " reducer bushing, pointing the pressure switch towards the middle of the bracket.
14. Cut four pieces of 5/16" airline approx 14" long, install from the four way splitter on the valve to each bell.

\*\* Ensure to use proper thread sealing tape with all fittings that DO NOT have PTFE Pre-applied.

