



Hendrickson Fit Adapter Installation Instructions



Hendrickson Fit Adapter Installation Manual

Table of Contents

Pre-Installation Requirements	3
Clocking Wheels	3
HFA Hubcap Installation.....	4

Pre-Installation Requirements

Component Installation Instructions

Wheels on each wheel end (dual tires) must have the valve stems clocked approximately 180° apart for installation of airlines from the HFA hubcap to the valve stems on tires. Clocking should be done prior to installing the HFA. See Figure 1

Clocking Wheels

Clocking dual wheels is important. Proper clocking allows the inner and outer valve stems to align with the hose attachment fittings on the HFA hubcap. Wheels with 2 hand holes can be clocked so the valve stems are exactly 180° apart, but the valve stems on 5 hand holes cannot be clocked exactly 180° apart. It may be necessary to remove the outer tire and rotate it to clock wheels properly.

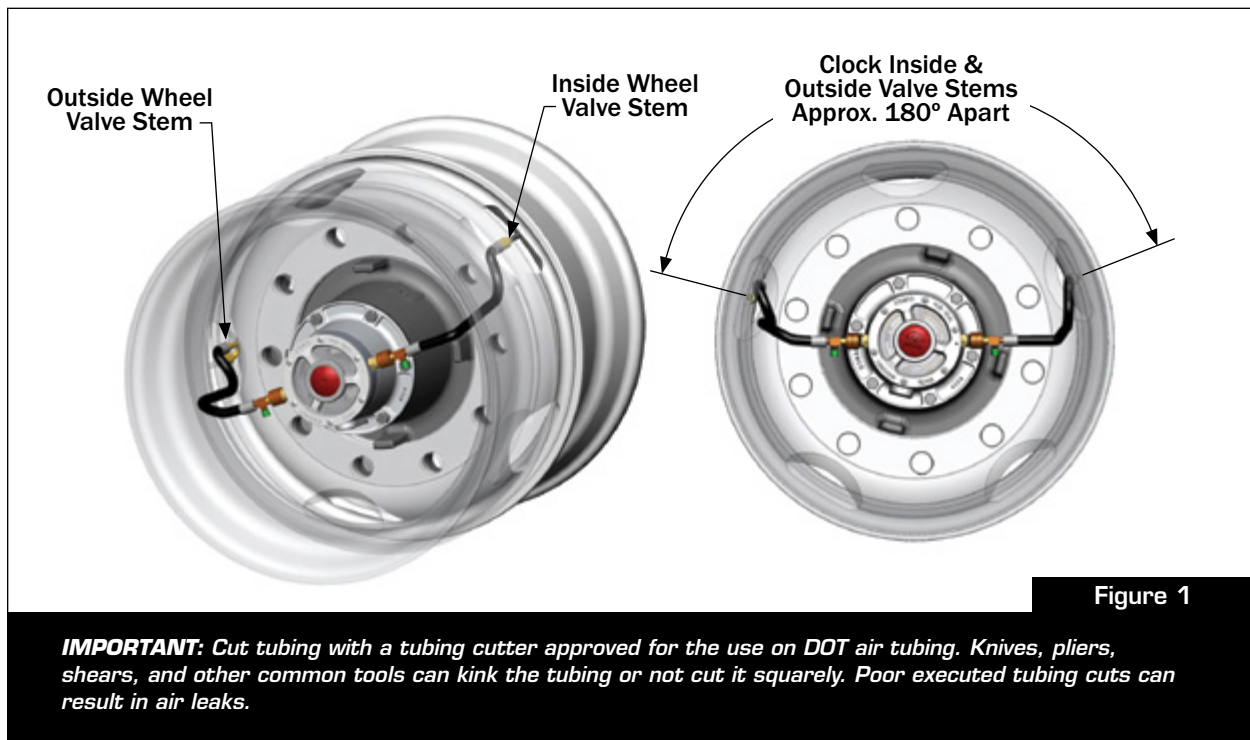
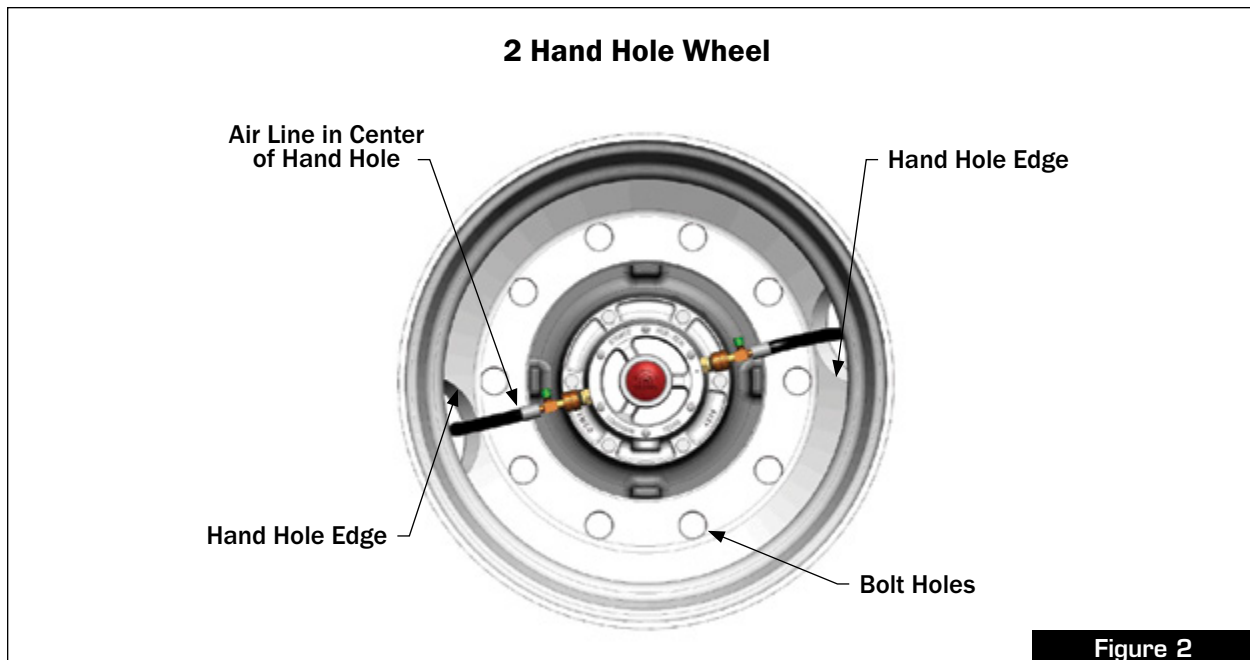


Figure 1

IMPORTANT: Cut tubing with a tubing cutter approved for the use on DOT air tubing. Knives, pliers, shears, and other common tools can kink the tubing or not cut it squarely. Poor executed tubing cuts can result in air leaks.

Hubcap Installation



Dual wheels with 2 hand holes, or aluminum wheels with small round valve stem clearance holes require a second alignment procedure to ensure the hoses will not touch the wheel. To ensure perfect alignment between the hose attachment fittings on the hubcap and valve stems, the wheels may need to be rotated one stud clockwise or counterclockwise. See Figure 2.

HFA Hubcap Installation

- 1.) Attach the STEMCO nut locking tool (831-0613) to the hubcap as shown in See Figure 3.
- 2.) Optionally: Screw the Retaining Nut (831-0616) onto the threaded stud.
- 3.) Install the hubcap gasket loosely onto the hub.
- 4.) Hold the axle hose fitting in one hand and turn the hubcap with the other hand until the fitting is snug. Do not let fitting spin inside the axle hose.
- 5.) Using the Torque Wrench Adapter tool (831-0615); slide the tool onto the flats of the axle hose. Hold the torque wrench firmly and turn the hubcap until the wrench "clicks over". Torque wrench should be set at 50 lb-in.
- 6.) Remove the nut locking tool from the hubcap.
- 7.) Align hubcap so that hoses can be clocked 180° apart. If oil is to be added, make sure the fill port is between 10:00 and 2:00 o'clock.
- 8.) Install all hubcap bolts and snug them down until hubcap is flush against the hub. Use a torque wrench to tighten bolts down in star pattern to 12-16 ft-lbs. See Figure 5.
- 9.) Finally, attach the inner and outer hoses, if a dual tire, or a single hose if it is a SuperSingle. See Figure 2.



Hubcap Installation

Torque wrench adapter installed on a 'snapover' torque wrench, set to 50 lb-in.



Figure 4



Figure 5

Warranty Information

All warranty returns may be sent to:

STEMCO
300 Industrial Blvd.
Longview, TX 75691
Attn: Warranty Dept.

CERTIFICATIONS

This unit complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC FCC ID: SRA-8200000

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. Users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

Should you need any additional assistance with any problems or issues please contact STEMCO Customer Service at (800) 527-8492.

This product meets the applicable Industry Canada technical specifications/Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada.

IC: 7413A-8200000



STEMCO - USA
P.O. Box 1989
Longview, TX 75606-1989
(903) 758-9981 • 1-800-527-8492
FAX: 1-800-874-4297
www.stemco.com

STEMCO - CANADA
5650 Timberlea Blvd. Unit B
Mississauga, ON L4W 4M6
(905) 206-9922 • 877-232-9111
FAX: 877-244-4555

STEMCO and Aeris are all registered trademarks of STEMCO LP © 2015
P/N 01-571-8303
REV A: 5/22/15