Part Number: K-3591
Kit, Hose Connecting Union

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Parts List
with
Instructions

08/2001 – Rev. OR

Tronair, Inc.

1740 Eber Road
Holland, Ohio 43528-9794
USA
Telephone: (419) 866-6301 · 800-426-6301
Fax: (419) 867-0634
Web Site: www.tronair.com E-mail: mail@tronair.com

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Parts List

PART NUMBER	DESCRIPTION	QTY
N-2011-22-S	Union, 12-16	1
N-2000-08-S	Nut, 12 JIC x 37 degree	1
N-2020-09-S	Reducer, Tube End 12-8	1
N-2008-06-S	Cap, 1/2 inch	1
N-2008-10-S	Cap, 1 inch	1
V-1967	Label, Warning	1

USAGE: The external pressure and return hoses on the Hydraulic Power Unit can be joined together for bleeding air from the system and filtering the fluid.

When joining the hoses for these purposes, the INSTRUCTIONS MUST BE STRICTLY FOLLOWED.

INSTRUCTION:

1. Disconnect the hydraulic power unit from any electrical source.
2. Place the warning label (V-1967) in a highly visible area near the return sytem ball valves on the Hydraulic Power Unit.
3. Open the bypass valve on the instrument panel.
4. Remove any couplings or plugs from the hose ends. Attach the pressure hose to the return hose using the fitting(s) in this kit.
5. Fill the reservoir to the recommended level.
6. If the unit is equipped with a reservoir selector valve, place the selector valve in the Hydraulic Power Unit position.
7. If the unit is equipped with pressure and return ball valves, open the ball valves prior to starting the unit.

WARNING! Failure to open the return ball valves will cause hose or valve rupture. Property damage and personal injury can result.

8. Start the unit and slowly close the bypass valve.
   a. To bleed air from the system, adjust the flow control to the maximum flow and allow the fluid to circulate.
      i. Allow units rated from 6 GPM to 15 GPM to run approximately five (5) minutes.
      ii. Allow units rated from 20 GPM to 50 GPM to run approximately one (1) minute.
   b. To filter system fluid, set the flow at one-half to two-thirds (1/2 to 2/3) maximum flow and allow the unit to run approximately one hour. Running time can be extended if system temperatures are below 140 degrees F.

Under some conditions where a large amount of air has entered the system, the pump may not be able to draw an initial prime and will not pump. If this occurs, it may be necessary to fill the pump inlet line with fluid.