Instructions

248187 Rupture Disk Assembly Kit

309969C

Install in Electric Reactor™ heater inlet manifold or in Hydraulic Reactor pump to prevent overpressurization.

Important Safety Instructions
Read all warnings and instructions in your Reactor manual. Save those instructions.

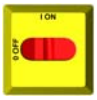
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Electric Reactor Kit Installation

NOTE: To convert earlier style electric Reactor heaters that do not have rupture disk assemblies, order two kits.

Disassembly

1. Turn main power OFF 

. Disconnect power supply.

2. Relieve pressure, see Reactor operation manual.



Read warnings in Reactor repair manual. To avoid severe burns, wait for heaters and fluid to cool before installing kit.

3. Wait for heaters and fluid to cool.

4. Remove back heater cover (C). See FIG. 1.

NOTE: Use dropcloth or rags to protect Reactor and surrounding area from spills.

5. Remove old parts.

   a. *If replacing an existing rupture disk assembly (D),* remove old assembly from heater inlet manifold (M). See FIG. 2.

   b. *If converting heaters that do not have an existing rupture disk assembly (D),* remove plugs from locations A and B shown in FIG. 2, using a 3/8 allen wrench.

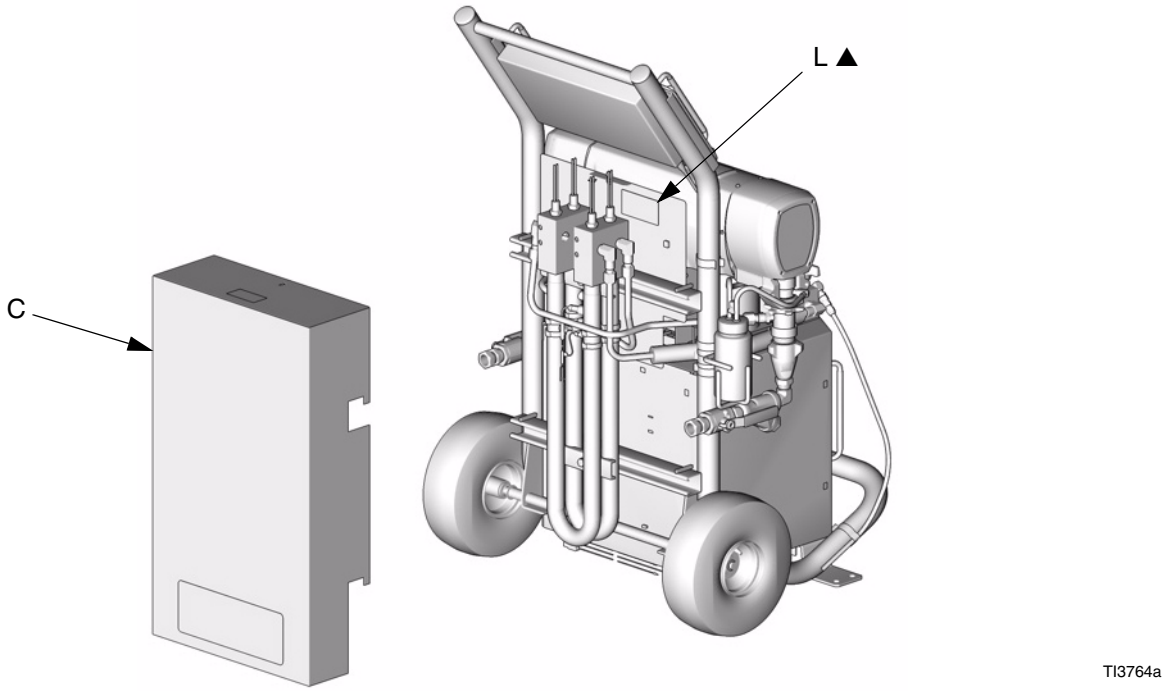


FIG. 1. Rear Heater Cover and 171001 Warning Label

Assembly

Using a wrench on the rupture disk red housing can cause damage, resulting in a lower rupture pressure. To tighten the rupture disk assembly (D), use a wrench on the hex. Do not use a wrench on the red housing.

1. Apply pipe sealant and PTFE tape to rupture disk assembly (D) threads. See FIG. 2. Install as shown for applicable heater. Exhaust hole must be at bottom, angled slightly toward outside of heater compartment.

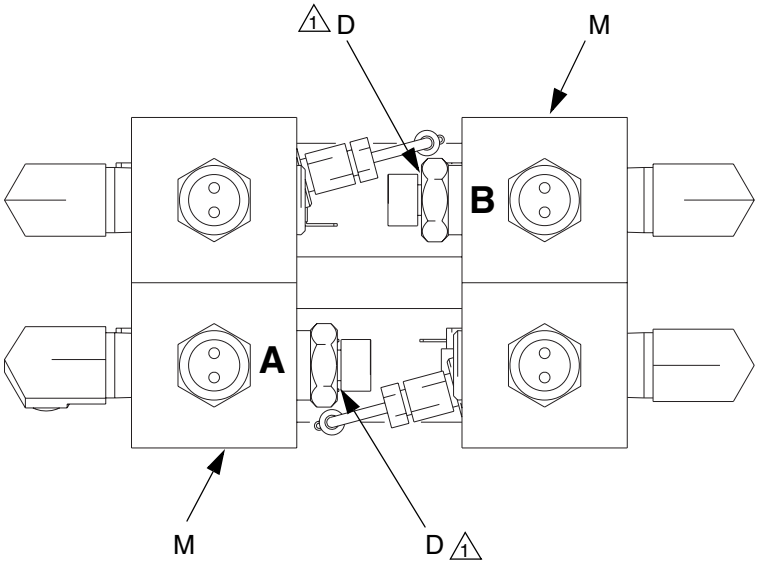
To avoid severe burns, do not operate Reactor with heater cover (C) removed.

2. Apply 171001 Warning Label (L) to front heater cover, facing rear of Reactor. See FIG. 1.

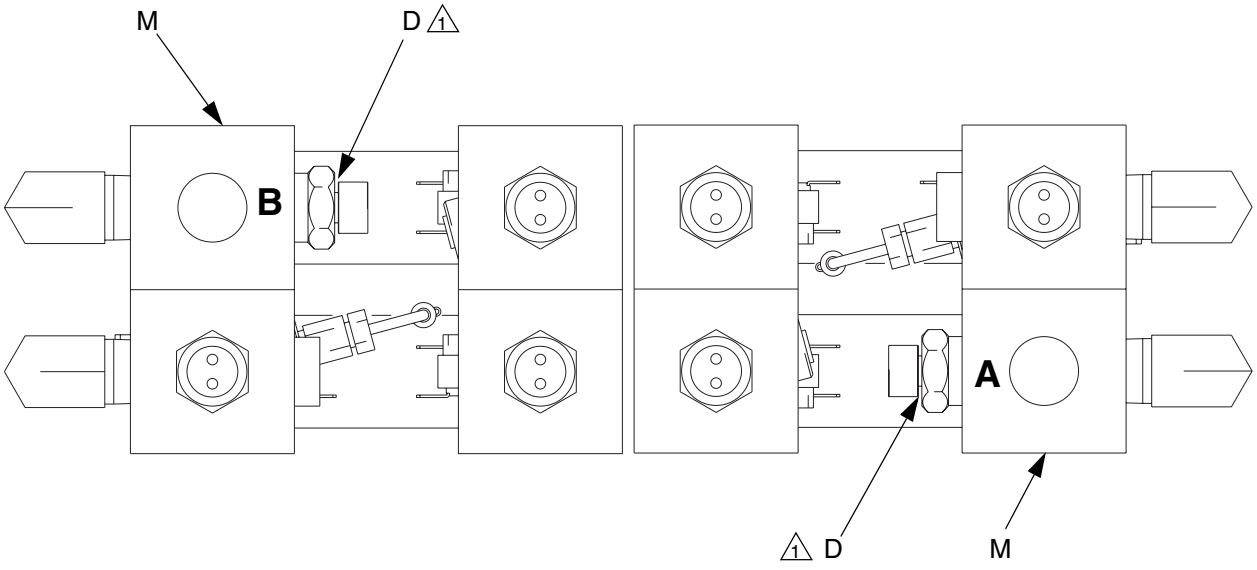
▲ *Replacement Warning labels are available at no cost.*

3. Reinstall back heater cover (C). Return Reactor to service.

1 Apply PTFE tape and thread sealant to threads.



245962 and 245975 Heaters

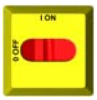


245963 Heaters

FIG. 2. Install Rupture Disk Assemblies

Hydraulic Reactor Kit Installation

Disassembly

1. Turn main power OFF 

. Disconnect power supply.
2. Relieve pressure, see Reactor operation manual.

Read warnings in Reactor repair manual. To avoid severe burns, wait for heaters and fluid to cool before installing kit.

3. Wait for pump and fluid to cool.

NOTE: Use dropcloth or rags to protect Reactor and surrounding area from spills.

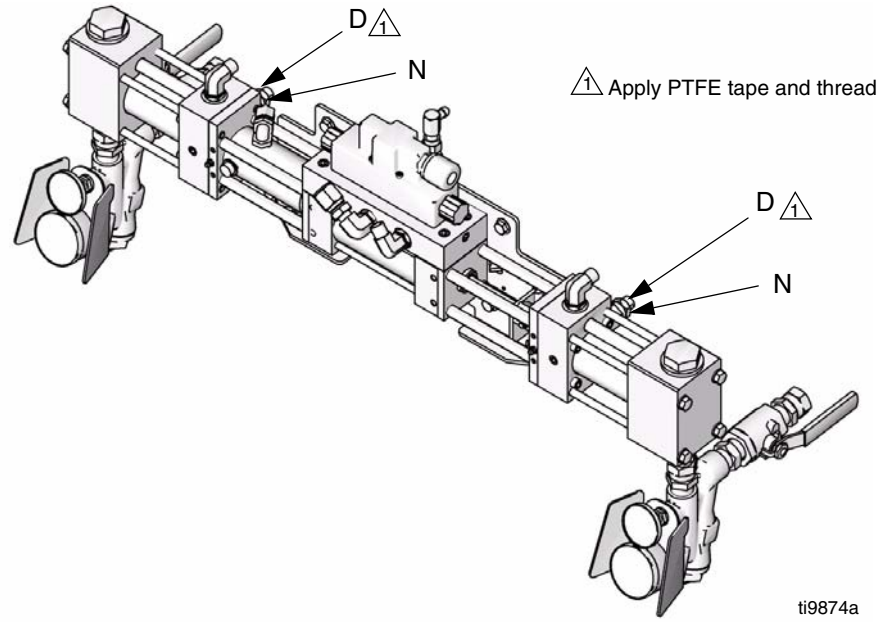
4. Remove old rupture disk assembly (D) from pump fitting (N). See FIG. 3.

Assembly

Using a wrench on the rupture disk red housing can cause damage, resulting in a lower rupture pressure. To tighten the rupture disk assembly (D), use a wrench on the hex. Do not use a wrench on the red housing.

Apply pipe sealant and PTFE tape to rupture disk assembly (D) threads. See FIG. 3. Install as shown for applicable pump. Exhaust hole must be at bottom.

Hydraulic Reactors Pumpline



Reactor H-VR Pumpline

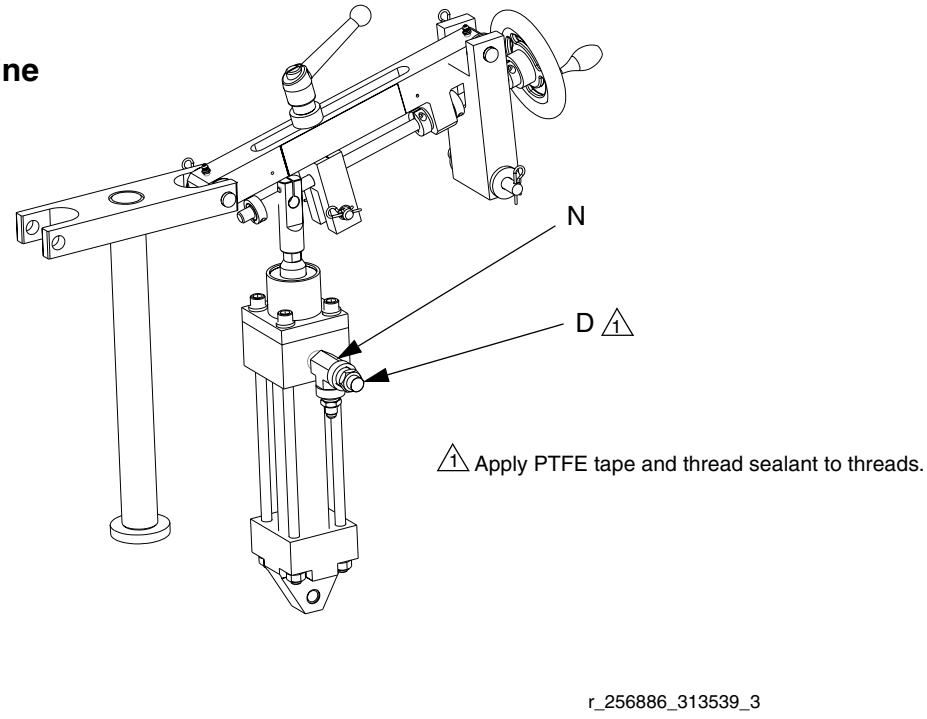


FIG. 3. Hydraulic Systems

Graco Standard Warranty

Graco warrants all equipment referenced in this document which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

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