

248187 Rupture Disk Assembly Kit


309969 Rev.A

INSTALL IN ELECTRIC REACTOR™ HEATER INLET MANIFOLD, TO PREVENT OVERPRESSURIZATION



To convert earlier style heaters which 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.



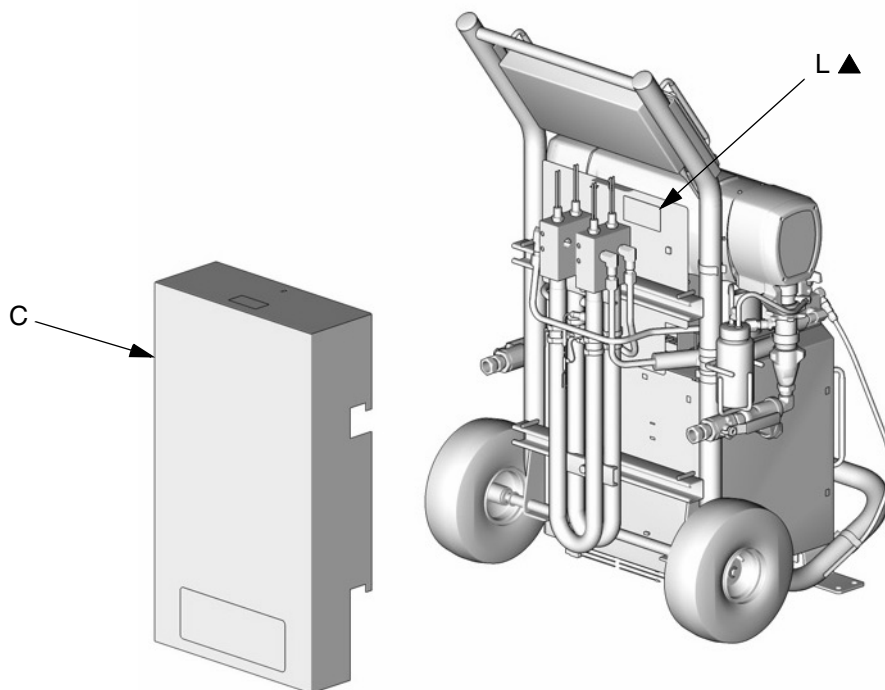
WARNING



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.
-  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 which 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.

PROVEN QUALITY. LEADING TECHNOLOGY.




TI3764a

FIG. 1. Rear Heater Cover and 171001 Warning Label

Assembly


WARNING



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.

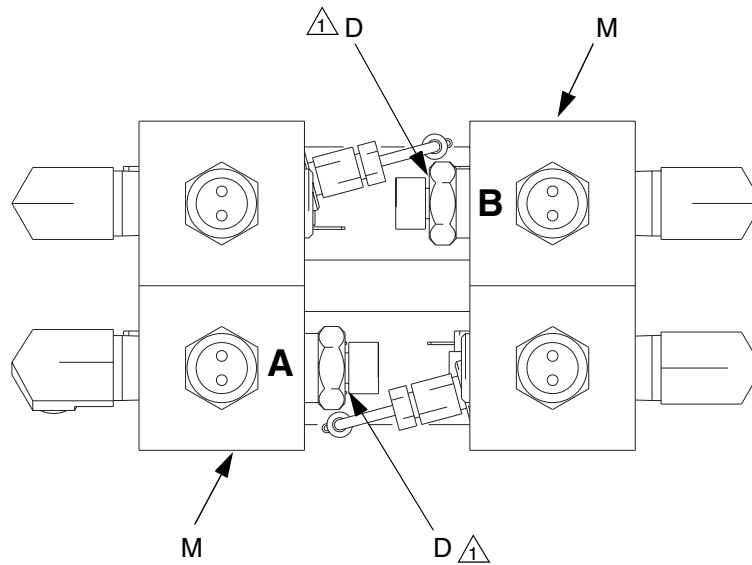
WARNING



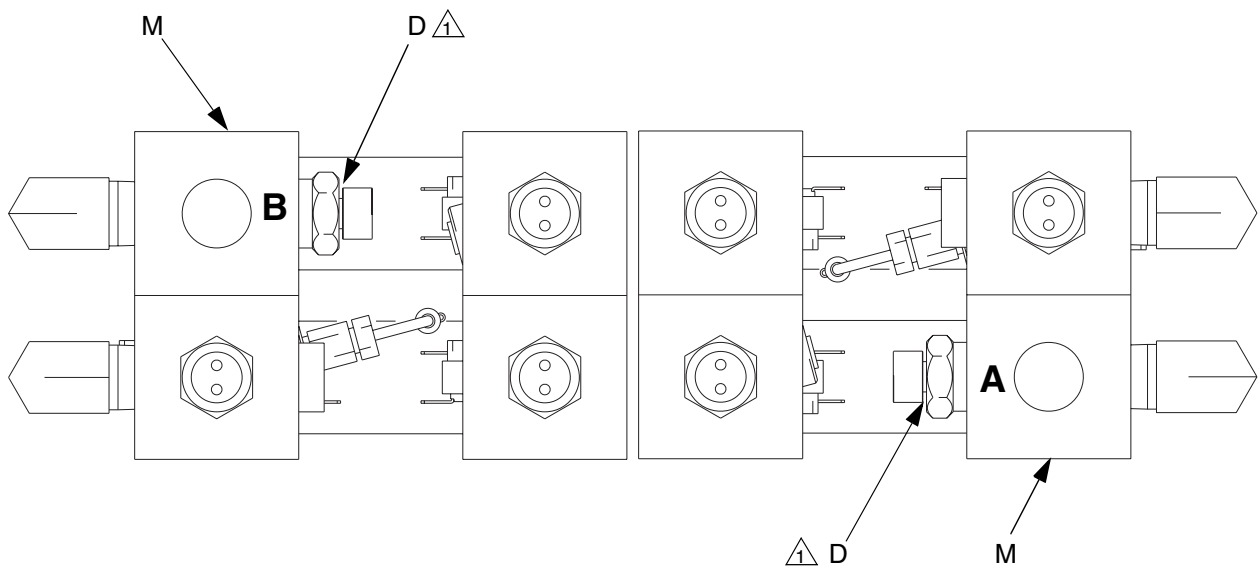
To avoid severe burns, do not operate Reactor with heater cover (C) removed.

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.

 Apply PTFE tape and thread sealant to threads.



245962 and 245975 Heaters



245963 Heaters

FIG. 2. Install Rupture Disk Assemblies

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