



PowerFlex[®] 700L Drive Cooling Loop Hose Kit

What This Kit Includes

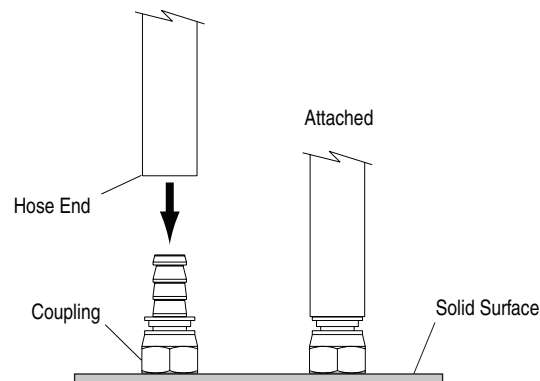
- Two hoses
- Two drive side couplings
- Two heat exchanger side couplings
- Two male 1 inch-to-1 inch elbows 37°
(only included with 20L-GHxx-A2 hose kits)

Tools That You Need

- Liquid soap
- Tightening wrench
- Backup wrench

Step 1: Attaching a Coupling to a Hose

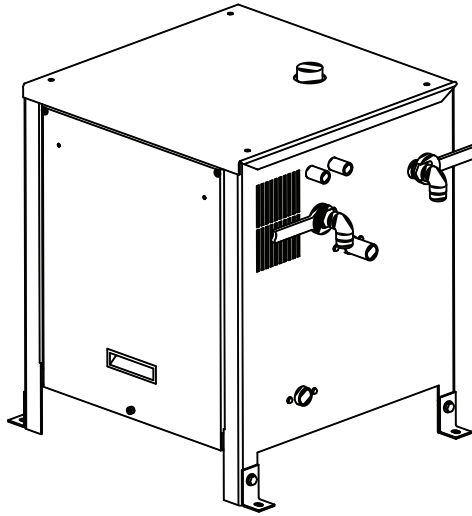
- A. Lubricate the inside of the hose end with a small amount of liquid soap.
- B. Set the coupling down on a solid surface and push the hose onto the coupling — in one firm push — until the hose end is flush against the plastic bushing. Stopping before the hose is fully on may make it difficult to push the hose completely onto the coupling.



Step 2: Connecting an Elbow to a Pipe Nipple (only 20L-GHxx-A2 Kits)

To use a 13 kW capacity PowerFlex 700L Liquid-to-Liquid Heat Exchanger (catalog number 20L-LL13K-P75A) with a PowerFlex 700L Frame 3A drive, the 20L-GHxx-A2 hose kit comes with 1-inch elbows that must be exchanged for the elbows provided with the heat exchanger.

- A. Use a 1-3/8 inch or adjustable wrench to remove the 1 inch-to-3/4 inch reducers and 3/4 inch elbows already assembled on the heat exchanger at the "TO DRIVE INLET" and "FROM DRIVE OUTLET" connections. (There is no need to use a backup wrench on the pipe nipple.)



B. Clean off any old thread sealer from inside the pipe nipples on the heat exchanger.

C. Apply PTFE (Teflon[®]) thread sealing tape or pipe thread sealant compound to threads on the 1 inch elbows supplied with the kit.

Important: Only apply tape or sealant to the NPTF end. DO NOT apply tape or sealant to the 37° flare end.

Teflon is a registered trademark of the DuPont Company.

D. Use a 1-5/16 inch or adjustable wrench to secure the 1 inch elbows to the heat exchanger at the "TO DRIVE INLET" and "FROM DRIVE OUTLET" connections. (There is no need to use a backup wrench on the pipe nipple.) The elbows should be installed in a vertical down pipeline.

Step 3: Attaching the Hoses

Please refer to the instructions in the *PowerFlex 700L Liquid-to-Liquid Heat Exchanger User Manual* (Publication 20L-UM002...) in the Chapter 1 section titled "Connecting Hoses to the Heat Exchanger."

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