



INSTRUCTIONS

This manual contains important
warnings and information.
READ AND KEEP FOR REFERENCE.

Split Manifold Kits

Converts Husky™ 715 Diaphragm Pump to dual fluid inlet or outlet

Part No. 237-632

For Husky 715 Polypropylene Pumps

Part No. 237-633

For Husky 715 Acetal Pumps

For converting the Husky 715 Pump to a dual fluid inlet manifold, dual fluid outlet manifold, or both. See **Installation** on page 2.

NOTE: *To convert both the inlet and the outlet manifold, two kits are required.*

Installation

Pressure Relief Procedure

WARNING

PRESSURIZED EQUIPMENT HAZARD

The equipment stays pressurized until pressure is manually relieved. To reduce the risk of serious injury from pressurized fluid, accidental spray from the gun or splashing fluid, follow this procedure whenever you

- Are instructed to relieve pressure
- Stop pumping
- Check, clean, or service any system equipment
- Install or clean fluid nozzles

1. Shut off the air to the pump.
2. Open the dispensing valve, if used.
3. Open the fluid drain valve to relieve all fluid pressure. Have a container ready to catch the drainage.

Installation Procedure

See Fig. 1

1. Follow the **Pressure Relief Procedure** above.
2. Disconnect the fluid inlet and outlet lines from the pump manifolds (A1, A2).
3. Remove the clamp nuts (B) from the clamps (C), and remove the grounding strip (D).
4. Remove both of the clamps (C) from the pump (see **DETAIL A** in Fig. 1) as follows:
 - a. Work the clamp off of the rim of the diaphragm toward the center housing (E).
 - b. Pull the bolt end of the clamp between the upper manifold (A1) and the center housing (E).
 - c. Rotate the clamp so that it is at a 45-degree angle relative to the manifolds.
 - d. Pull the bolt end of the clamp between the lower manifold (A2) and the center housing.
5. Remove the fluid inlet or fluid outlet manifold (A1 or A2) that you are replacing with a split manifold (1). Keep the manifold attaching hardware (F).

NOTE: Manual 308–444 contains detailed instructions for removing and re-orienting manifolds.
6. Remove the o-rings (G) from each fluid cover (H), and replace them with the new o-rings (2) from the kit.
7. Install the split manifolds (1) with the ports facing in the desired direction. Apply thread lubricant to the screws, and torque them to 30 to 35 in-lb (3.4 to 4.0 N.m). **Do not over-torque.**
8. Re-install both of the clamps (C) as follows:
 - a. With the air valve side of the pump facing you, and with the clamp at a 45-degree angle relative to the manifolds, push the bolt end of the clamp between the lower manifold (A2) and the center housing (D).
 - b. Rotate the clamp so that it is vertical (parallel with the fluid covers).
 - NOTE:** Do not position the clamp over the rim of the diaphragm yet.
 - c. Slide the bolt end of the clamp between the upper manifold and the center housing so that the clamp bolt is on the air valve side of the center housing and pointing toward the bottom of the pump, as shown in DETAIL A in Fig. 1.
 - d. Work the clamp onto the rim of the diaphragm.
9. Install the grounding strip (D) on the clamp bolts.
10. Apply thread lubricant to the bolts, and torque the clamp nuts (B) to 75 to 85 in-lb (8.5 to 9.6 N.m).
11. Connect the fluid inlet and/or outlet lines to the manifolds securely, and resume using the pump.

- 1 Torque to 30 to 35 in-lb (3.4 to 4.0 N.m).
- 2 Torque to 75 to 85 in-lb (8.5 to 9.6 N.m).
- 3 Apply thread lubricant.
- 4 If you remove the muffler, apply PTFE tape to the threads before you re-install it.

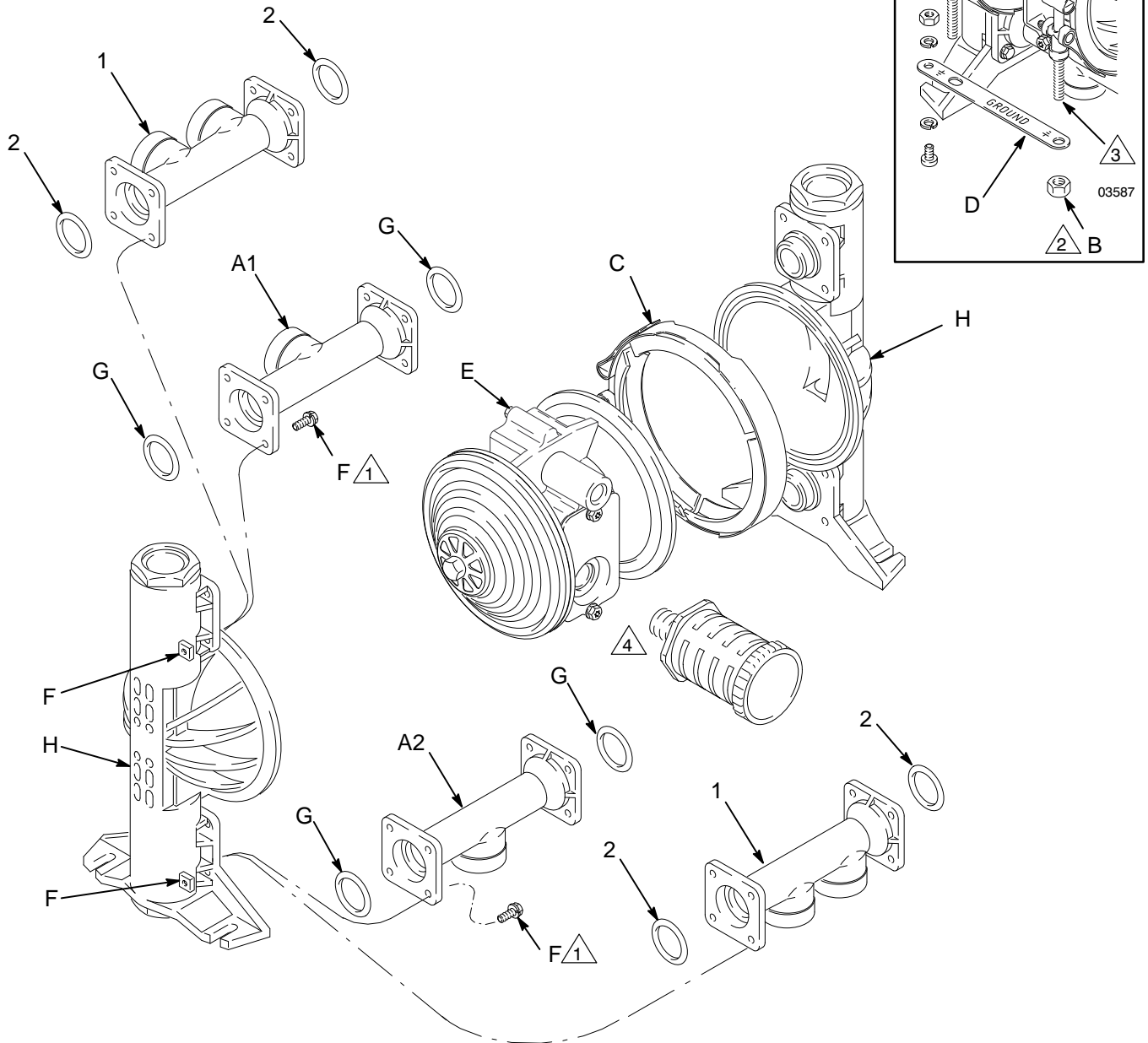


Fig. 1

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Parts

Part No. 237-632 Split Manifold Kit For Polypropylene Pumps

Ref. No.	Part No.	Description	Qty.
1	190-025	MANIFOLD, split; polypropylene	1
2	108-635	O-RING; PTFE	2

Part No. 237-633 Split Manifold Kit For Acetal Pumps

Ref. No.	Part No.	Description	Qty.
1	190-026	MANIFOLD, split; acetal	2
2	108-635	O-RING; PTFE	2

Warranty

WARRANTY

Graco warrants all equipment manufactured by it and bearing its name to be free from defects in material and workmanship on the date of sale by an authorized Graco distributor to the original purchaser for use. As purchaser's sole remedy for breach of this warranty, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment proven defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

This warranty does not cover, and Graco shall not be liable for, any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering, or substitution of non-Graco component parts. Nor shall Graco be liable for malfunction, damage or wear caused by the incompatibility with Graco equipment of structures, accessories, equipment or materials not supplied by Graco, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Graco.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claim. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor and transportation.

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