The 725-HL (7020888) dispense gun is a rugged industrial hand-operated fluid dispensing valve. The valve incorporates a quick change fluid body for fast and easy maintenance. Included with the valve are two fluid inlet fittings for 1/4" OD or 3/8" OD feed tubing and an assortment of dispensing tips.

Replacement Parts

#7016948 Tip adapter
#7020935 Sealing head with screw
#7020949 Fluid body cap with O-ring
#7020931 Fluid body
#7020929 Shaft
#7021005 Fluid body adapter
#7021000 Shaft guide with O-ring (#7020997)
#7020994 Spring retaining washer
#7020990 Diaphragm
#7021002 Push rod
#7020995 Spring
#7020986 Retaining ring
#7020988 Handle assembly

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**Operation**

1. Install the fluid fitting into the inlet port 1. Use the 1/4” fitting for low to medium viscosity fluids and the 3/8” fitting for high viscosity fluids.

2. Install the appropriate size feed tube to the inlet fitting and tighten the compression nut to secure. The position of the inlet fitting can be adjusted. Loosen the fluid body retaining nut 2, rotate the fluid body to the desired position and tighten the retaining nut.

3. Apply air pressure to the fluid reservoir. Start with a low setting of 20 psi (1.4 bar). If using an EFD fluid reservoir, refer to the User’s Guide for further instructions.

4. Install an appropriate size dispensing tip to the outlet tip adapter 3. Use large tips for high viscosity materials and small tips for low viscosity.

5. Pull the trigger to begin fluid flow. Release trigger to stop flow.

6. To achieve desired flow, change the size of the dispensing tip or adjust the reservoir fluid pressure.

**Service**

Follow the exact sequence below to service the fluid body.

1. Loosen the retaining nut ① and remove the fluid body.

2. Insert maintenance rod ② and remove fluid body cap ③.

3. Insert rod ④ through push rod hole and remove sealing head ⑤ with flat screwdriver. Remove rod ④.

4. Hold rod ② and remove the fluid body adapter ⑥ from the fluid body.

5. Insert and hold rod ④ and remove shaft ⑦ and diaphragm.

6. Clean fluid body components and replace sealing head and diaphragm if required.

7. Install diaphragm in direction shown in Figure 1. Hold rod ④ and install shaft; tighten to 15 inch pounds.

8. Apply a film of lubricant to fluid body shoulder “A”. Hold rod ② and reinstall adapter ⑥. Tighten to 10 foot pounds.

9. Insert and hold rod ④ and install sealing head; tighten to 15” pounds. Install fluid body cap ③.

10. Install fluid body onto handle, align body to desired position and tighten retaining nut ①.

**Maintenance Tools:**
- 1/8” rod (7021552)
- 1/8” NPT maintenance rod (7021079)
- 10” adjustable wrench*
- flat screwdriver*

*customer supplied