



INSTRUCTIONS

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

First choice when quality counts.™

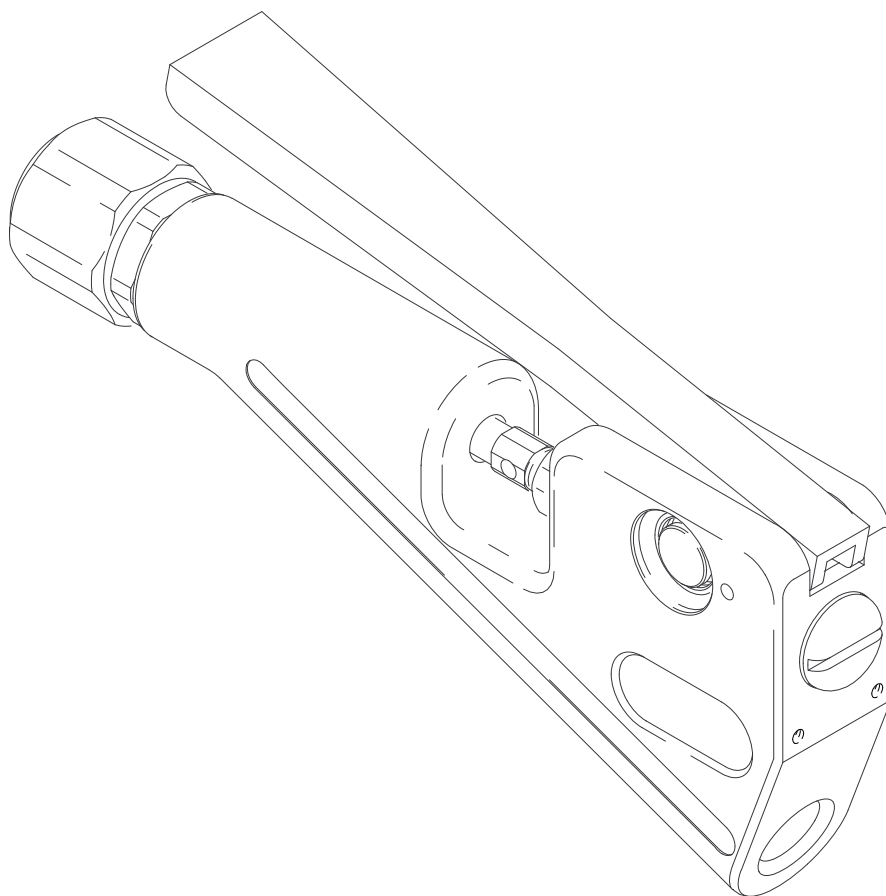
Ultra-Lite™ In-Line Flow Gun Repair Kit

Part No. 240-206

For Part No. 240-199 Ultra-Lite In-Line Flow Gun, with Ball End Needle

Part No. 240-207

For Part No. 240-200 Ultra-Lite In-Line Flow Gun, with Tapered Needle



7903A

Installation

Pressure Relief Procedure

⚠ WARNING

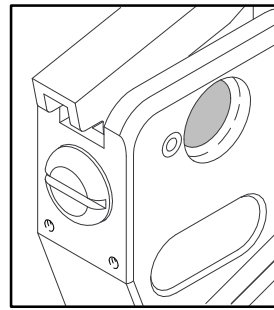


INJECTION HAZARD

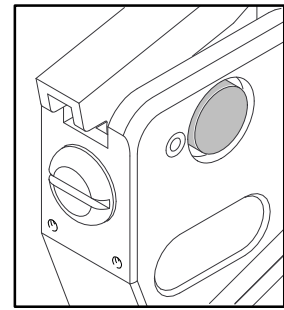
The system pressure must be manually relieved to prevent the system from starting or dispensing accidentally. Fluid under high pressure can be injected through the skin and cause serious injury. To reduce the risk of an injury from injection, splashing fluid, or moving parts, follow the **Pressure Relief Procedure** whenever you:

- are instructed to relieve the pressure,
- stop dispensing,
- check or service any of the system equipment,
- or install or clean the nozzle.

1. Fully release the gun trigger. Press the red button to lock the trigger safety. See Fig. 1.
2. Shut off the fluid supply pump.
3. Hold a metal part of the gun firmly to the side of a grounded metal pail. Press the silver button to unlock the trigger safety. Trigger the gun to relieve pressure.
4. Open the pump drain valve to help relieve pressure in the pump, hose, and gun. Triggering the gun to relieve pressure may not be sufficient. Have a container ready to catch the drainage.
5. Leave the drain valve open until you are ready to dispense again.
6. Fully release the gun trigger and lock the trigger safety.



**Trigger Safety
Locked**



**Trigger Safety
Unlocked**

Fig. 1

Disassembly

1. **Relieve the pressure.**
 2. Disconnect the gun from the hose.
 3. Unscrew the nozzle nut (C) and nozzle (not shown) from the seat (5). See Fig. 2.
 4. Unlock the trigger safety (B).
 5. Depress the trigger (D) and remove the seat (5) from the gun.
- ### **⚠ CAUTION**
- Failure to depress the trigger while removing the seat may damage the needle.
6. Loosen the hexnut (E) on the needle (2) while holding the adjustment screw (A) with a screwdriver.
 7. Unscrew the needle (2) by turning the adjustment screw (A) until the needle is unthreaded.
 8. Remove the hexnut (E) and remove the needle (2) through the front of the gun.

Installation

Reassembly

1. Apply grease to the needle (2) o-rings. See Fig. 2.
2. Put the needle (2) in the gun, screwing the hexnut (E) on the needle as it is going in.
3. Start threading the adjustment screw (A) until it engages the threads of the needle (2). Continue threading until the trigger (D) raises 1/2 in. (13 mm).
4. Grease the threads of the seat (5) and the gasket (10).
5. Press the trigger (D) and install the gasket (10) and seat (5).
6. Lift the trigger (3) and lock the trigger safety.
7. Trigger adjustment:
 - a. Turn the adjustment screw (A) clockwise until the trigger (D) travels as far up as possible.
 - b. Turn the adjustment screw (A) counterclockwise until the trigger (D) stops falling, then turn an additional 1/8 turn.
 - c. Tighten the hexnut (E) against the adjustment screw (A). Hold the adjustment screw (A) to prevent it from turning. Torque the hexnut to 18–22 in-lb (2.03–2.46 N•m).
 - d. Test the trigger safety (B) to ensure that it operates properly. If the trigger safety does not operate properly, loosen the hexnut (E) and return to step 7a.
8. Screw the nozzle nut (C) and nozzle (not shown) back onto the front of the gun.

Parts

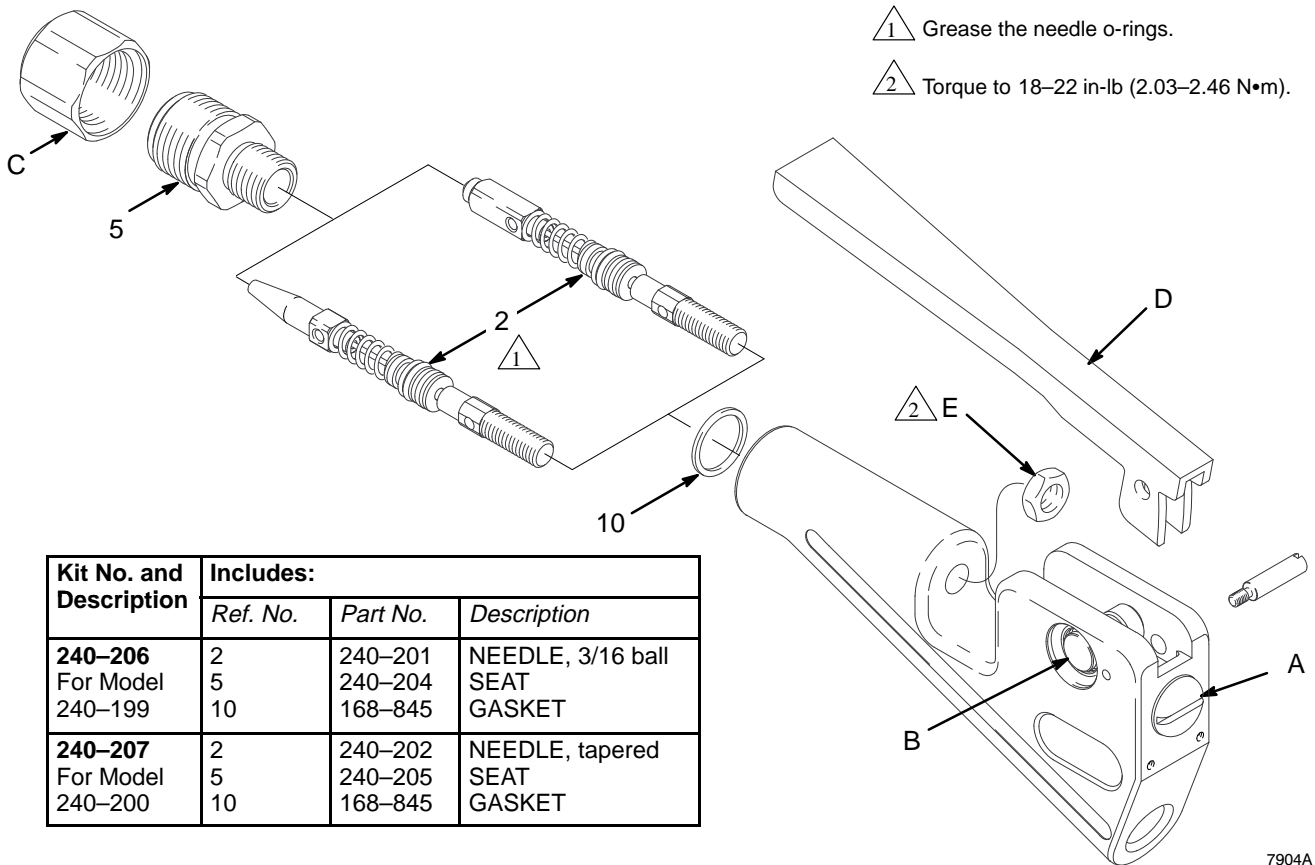


Fig. 2

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Graco warrants all equipment manufactured by Graco 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. 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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