

## **Model LT with PUSH CABLE Installation Suggestions and Hints**

**The design of the LT PUSH Cable has the Top of the extinguisher Valve Head as a permanent part of the cable assembly. There is no adjustment to the length of the cable, but rather the cable is custom made to the nearest inch specified between 1 and 25 feet. The cable assembly is shipped separate from the filled cylinder because of the large bend radius required on the PUSH cable.**

### **1. Length Check PUSH Cable**

Roughly route the cable from the knob mounting bracket (7/16 in. dia. hole supplied by others) to the cylinder location to verify proper cable length. Avoid bends less than 6 inch radius.

**CAUTION The Valve end of the Push Cable has a spring and sharp edge plunger covered by a black rubber shipping protective boot. Make certain this is in place and avoid damage to this end during handling.**

### **2. Install Push Cable and Knob**

Starting at the knob end, disassemble the cable to separate the Bulkhead Fitting as shown in Figure 1. This involves removing the Safety Pin with Blue Flag and unthreading the finger tight fasteners. Insert Bulkhead Fitting through bracket mounting hole and slide on Washer followed by 2 Jam Nuts. Insert Push Cable Shaft in from back and thread Bulkhead Fitting into Cable Receptacle until Shaft protrudes inch. This is adjusted when the Safety Pin / Flag easily slips through the cross hole in the Bulkhead Fitting and engages the machined groove in the Shaft. Thread on the Push Knob and hold the Shaft from turning with a inch open-end wrench on the machined flats. We recommend a thread locker like Loctite 242 on the threads. Orient the word FIRE on the knob by rotating the fitting and the cable together. Secure both jam nuts

### **3. Install Top of Valve into Cylinder Header**

The charged Cylinder should have a 1/8 dia. x 1 inch long roll-pin partially installed in the side, along with a #10 set screw as shown in Figure 2. Insure that these are adjusted clear of the .750 ID of the Cylinder Header. Slide off the black protective boot from the cable and inspect the O-ring, spring and cutting edge of the Plunger for condition. Make sure that the looped safety pin, held with yellow plastic tie, is in place, then push the Top of the Valve into the cylinder header until flush. Tighten the set screw and gently tap in the 1/8 dia. roll-pin using a 1/8 drift pin and light-weight hammer.

### **4. Mount Cylinder Assembly**

Mount the cylinder loosely in its bracket / clamps. If necessary to orient Gauge, loosen set screw on swivel top and rotate, then retighten set screw. Tighten bracket clamps. With all adjustments made, break yellow plastic Tie and remove looped safety pin. Save pin for future possible cylinder/cable removal.

**WARNING The Safety Pin MUST be removed for the extinguisher to operate !**

**Refer to standard data sheet for hints on Discharge Lines, Nozzle placement, etc.**

**Figure 1**



**Figure 2**

