

## Pneumatic Hook-Up

Remote release may be accomplished with the 6016-60D ESV Manual/Pneumatic Remote Release Kit.

### 6016-60D Kit

#### Manual/Pneumatic Installation

1. Close the ESV (handle parallel to the pipe). See Figure 1.
2. Remove the latch bolt by turning counterclockwise. Discard Manual Cable Remote Release Kit. See Figure 3.
3. Apply Loctite 271® thread locking compound to bolt threads. Use a 3/8 allen head wrench to assemble into the top hole of the mounting arm and seats firmly against body.
4. Attach the remote air source to the cylinder end with appropriate supply of tubing and valving. A regulated air supply of 40 to 80 psig to the cylinder is required for proper operation.
5. Test the Manual/Pneumatic Remote Release Kit and ESV operation. Rotate handle counterclockwise to open valve. Handle must quickly “snap” closed when:
  - a. air pressure is exhausted from the cylinder.
  - b. the handle is pushed closed from the open position.

NOTE: All open ESVs attached to the Manual/Pneumatic Remote Release Kit system must properly close when air pressure is exhausted from the system. Remote release controls must quickly exhaust pressure from the supply line to close emergency valves.

## Optional 7609-50 Motion Release Cable

With either the cable or pneumatic remote release hook-ups, it is possible to connect an additional cable from the operating handle to the truck along the transfer hose(s). This cable would close the valve as the hose(s) is stretched (driver does not disconnect) beyond a pre-selected limit. The hook-up does not affect the normal operation of the valve.

### Motion Release Cable Installation

See Figure 1

1. Connect a suitable release cable such as stainless steel aircraft cable to a standard “S” hook. Attach the “S” hook to the latch assembly.
2. The cable should run through the bulkhead just below and to the side of the pipe. The cable should be in line with the operating lever. See Figure 2.
3. Leave enough slack in the cable to allow the valve lever to move freely but not close during normal hose movement or hook-up.
4. Run the cable along the hose. Tape or secure it to the hose. Fasten the cable securely to the “truck” end hose connection. When the hose stretches more than the amount of slack left in the cable, the tightening cable will close the ESV.

**Figure 3**  
**6024 ESV with 6016-60D Release Kit**

