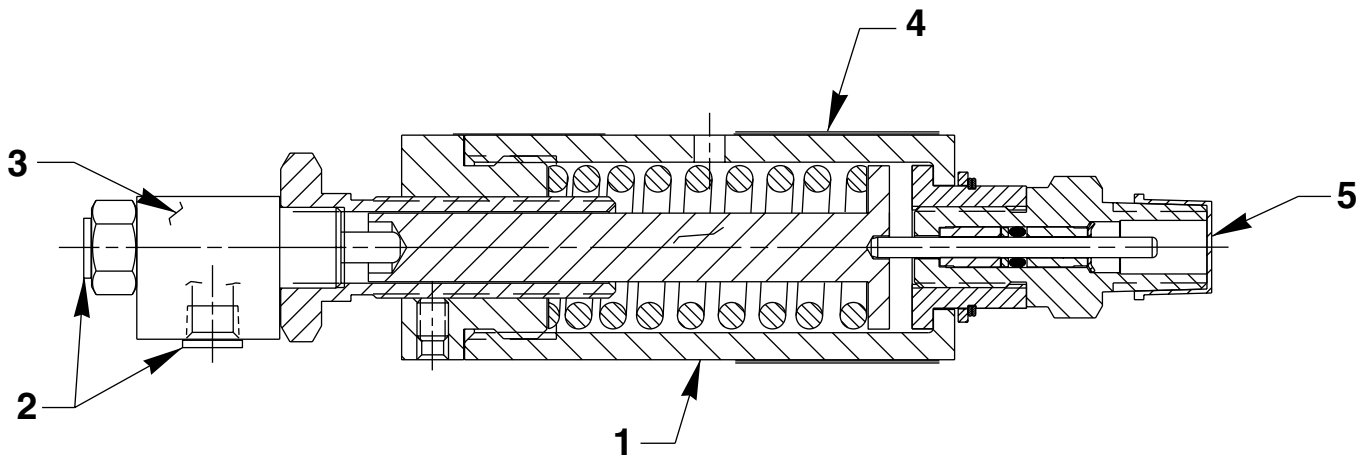


**Parts List and  
Operating Instructions for:****9641  
9643****MODEL B  
PNEUMATIC PRESSURE SWITCH****PRESSURE RANGE: 1,000 - 10,000 PSI****#9641 - Normally Closed****#9643 - Normally Open**

| Item No. | Part No. | No. Req'd | Description                                                |
|----------|----------|-----------|------------------------------------------------------------|
| 1        | 420243   | 1         | Switch Assembly                                            |
| 2        | 15697    | 2         | Caplug (1/8 NPTF)                                          |
| 3        | 350195   | 1         | Control Valve (For 9641; Note: Discard nuts & lockwashers) |
|          | 350271   | 1         | Control Valve (For 9643; Note: Discard nuts & lockwashers) |
| 4        | 202173   | 1         | Trade Name Decal                                           |
| 5        | 12545    | 1         | Caplug (1/4 NPTF)                                          |

**PARTS INCLUDED BUT NOT SHOWN****10618      1      Tee Fitting (1/4 NPTF)**

## OPERATING INSTRUCTIONS

A pneumatic switch is designed to control the pump air motor or pneumatic device at a pressure setting. The #9641 switch sends a pilot signal at a set hydraulic pressure. The #9643 switch discontinues a signal at a set hydraulic pressure.

### Pump Mounted Installation

Mount the pneumatic pressure switch to the control valve or manifold by threading the switch fitting into the port provided for a pressure gauge. A tee fitting (supplied) can be used if both a pressure switch and a gauge are required (see Figure 1). An elbow can be used to change the angle. The pressure switch can also be mounted "in-line" between the hydraulic pump and the cylinder(s).

**IMPORTANT: Connections must be sealed with a non-hardening thread sealant such as Power Team HTS6, or teflon tape. If tape is used, use only one layer, two threads back, and apply it carefully to prevent the tape from being pinched and broken off inside the pipe. Loose pieces of tape could obstruct or jam precision-fit parts.**

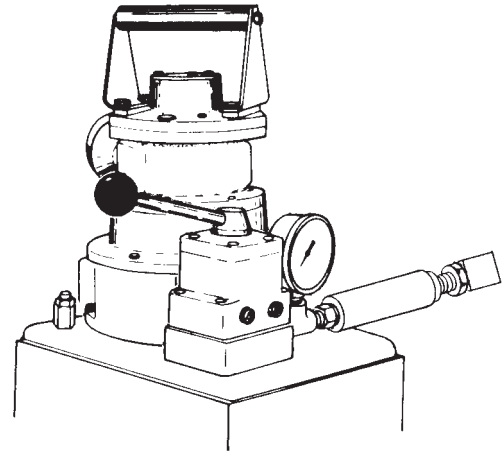


Figure 1

### Adjusting the Pressure Switch Setting

1. Loosen the set screw in the bushing of the pressure switch and turn set screw outward a couple of revolutions.
2. While holding the adjusting nut in place with a wrench and looking at the pressure switch from the control valve end, make adjustments as follows:
  - a. **To increase the pressure setting**, slowly turn the switch body clockwise.
  - b. **To decrease the pressure setting**, slowly turn the switch body counterclockwise.
3. When the desired pressure setting is reached, tighten the set screw to lock the adjusting nut in place. Torque the set screw to 30/40 in. lbs.