

Pressure Protection Valve (PPV)

Installation Instructions



Proper Installation

1. Install pressure protection valve (PPV) to an air reservoir with the arrow on the bottom of the valve pointing air flow away from air tank reservoir, see Figure 2.
2. Use a drop of oil or Loctite to lubricate threaded connections. **DO NOT USE** a pipe compound or teflon tape as they may clog valve.
3. Position valve upright with the filter accessible for ease of replacement, see Figure 3.
4. After PPV has been installed and connected to the height control system air lines, pressurize air system with a constant air supply in excess of 85 PSIG (5.9 Bars).
5. Check all connections for air leaks.

Periodic Maintenance

Moisture and other system impurities will affect valve performance.

1. Drain all moisture from air reservoir at regular intervals.
2. Check protection valve air filter approximately every three months or when air flow is substantially reduced. The filter may need to be cleaned or replaced, see Figure 1.

Note: Use an allen wrench to remove air filter and o-ring by turning counterclockwise, see Figure 2.

Figure 1. Pressure Protection Valve:

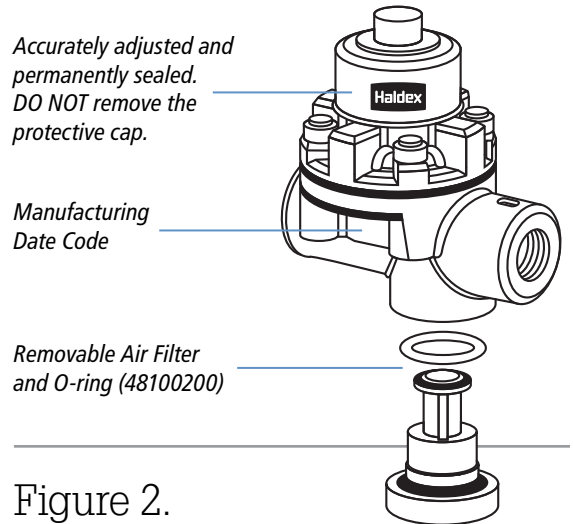


Figure 2. PPV Bottom View:

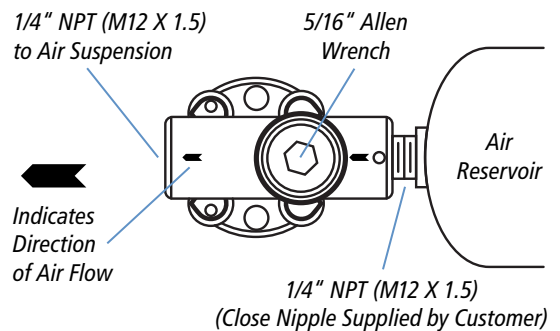
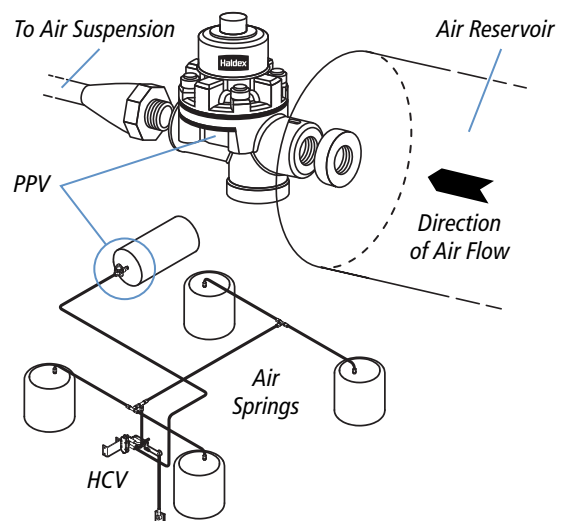


Figure 3. PPV Installed:



Operating Pressure by Part Number

Part No.	Closing Pressure (min.)	Opening Pressure (min.)
90554107 Standard	70 PSIG (4.8 Bars)	75 PSIG (5.2 Bars)
90554151 Metric	75 PSIG (5.2 Bars)	88 PSIG (6.1 Bars)

IMPORTANT: Pressure Protection Valve and Filter maintains safe air brake pressure and cleans air. Set to 70 PSIG (4.8 Bars) at factory.