Air dryer purges too often, air is normal.

**CONDITION**
Air dried pressure relief valves malfunctioning or are missing. 

**POSSIBLE CAUSE**
Air from purge valve is not properly captured by the air brake system.

**SOLUTION**
Install a pressure-controlled check valve in secondary tank as needed.

---

Air pressure in system is too high.

**CONDITION**
Air dryer is malfunctioning or not functioning properly.

**POSSIBLE CAUSE**
Air from purge valve is not properly captured by the air brake system.

**SOLUTION**
Install a pressure-controlled check valve in secondary tank as needed.

---

Air governor is malfunctioning.

**CONDITION**
Air dryer is malfunctioning or not functioning properly.

**POSSIBLE CAUSE**
Air from purge valve is not properly captured by the air brake system.

**SOLUTION**
Install a pressure-controlled check valve in secondary tank as needed.

---

Air system leaks such as compressor discharge line, intake, intake, or dryer pressure relief valves are open. 

**CONDITION**
Air dryer is malfunctioning or not functioning properly.

**POSSIBLE CAUSE**
Air from purge valve is not properly captured by the air brake system.

**SOLUTION**
Install a pressure-controlled check valve in secondary tank as needed.

---

Air dryer is malfunctioning.

**CONDITION**
Air dryer is malfunctioning or not functioning properly.

**POSSIBLE CAUSE**
Air from purge valve is not properly captured by the air brake system.

**SOLUTION**
Install a pressure-controlled check valve in secondary tank as needed.

---

Air dryers, either new or aftermarket installation, are not functioning correctly.

**CONDITION**
Air dryer is malfunctioning or not functioning properly.

**POSSIBLE CAUSE**
Air from purge valve is not properly captured by the air brake system.

**SOLUTION**
Install a pressure-controlled check valve in secondary tank as needed.

---

Air dryers, either new or aftermarket installation, are not functioning correctly.

**CONDITION**
Air dryer is malfunctioning or not functioning properly.

**POSSIBLE CAUSE**
Air from purge valve is not properly captured by the air brake system.

**SOLUTION**
Install a pressure-controlled check valve in secondary tank as needed.

---

Air pressure in system is too high.

**CONDITION**
Air dryer is malfunctioning or not functioning properly.

**POSSIBLE CAUSE**
Air from purge valve is not properly captured by the air brake system.

**SOLUTION**
Install a pressure-controlled check valve in secondary tank as needed.

---

Air system tank(s) are not losing air pressure, the problem may be elsewhere.

**CONDITION**
Air dryer is malfunctioning or not functioning properly.

**POSSIBLE CAUSE**
Air from purge valve is not properly captured by the air brake system.

**SOLUTION**
Install a pressure-controlled check valve in secondary tank as needed.

---

Air system tank(s) are not losing air pressure, the problem may be elsewhere.

**CONDITION**
Air dryer is malfunctioning or not functioning properly.

**POSSIBLE CAUSE**
Air from purge valve is not properly captured by the air brake system.

**SOLUTION**
Install a pressure-controlled check valve in secondary tank as needed.

---

Air system tank(s) are not losing air pressure, the problem may be elsewhere.

**CONDITION**
Air dryer is malfunctioning or not functioning properly.

**POSSIBLE CAUSE**
Air from purge valve is not properly captured by the air brake system.

**SOLUTION**
Install a pressure-controlled check valve in secondary tank as needed.

---

Air system tank(s) are not losing air pressure, the problem may be elsewhere.

**CONDITION**
Air dryer is malfunctioning or not functioning properly.

**POSSIBLE CAUSE**
Air from purge valve is not properly captured by the air brake system.

**SOLUTION**
Install a pressure-controlled check valve in secondary tank as needed.

---

Air system tank(s) are not losing air pressure, the problem may be elsewhere.

**CONDITION**
Air dryer is malfunctioning or not functioning properly.

**POSSIBLE CAUSE**
Air from purge valve is not properly captured by the air brake system.

**SOLUTION**
Install a pressure-controlled check valve in secondary tank as needed.
PRESSURE-CONTROLLED CHECK VALVE

Arrow must point toward reservoir which valve is guarding.

PRESSURE RELIEF VALVE

Cartridge

System Saver U, P Series and 1800UP Series have no spring in the turbo cut-off valve. When using repair kit (R950013) for those models, discard the spring.

DIAFRAGM ONLY

For all regeneration valves R950045

OUTLET CHECK VALVE

NOTE: A part number with an “S” in front of it indicates a Meritor Wabco service part number.

STANDARD COMPONENTS

- Pressure Relief Valve
- Cartridge
- Heater Kit
- Purge Valve Kit
- Outlet Check Valve Kit (same as System Saver RC Series)

‘P’ Series System Savers do not have regeneration valves. They use an external purge reservoir.

System Saver U, P Series and 1800UP Series have no spring in the turbo cut-off valve. When using repair kit (R950013) for those models, discard the spring.

Standard Components
- Pressure Relief Valve
- Cartridge
- Heater Kit
- Purge Valve Kit
- Outlet Check Valve Kit (same as System Saver RC Series)