



Installation Instructions

PuraGuard DL
Maintenance Kit
5010773

PURAGUARD™ DL SYSTEM FILTER

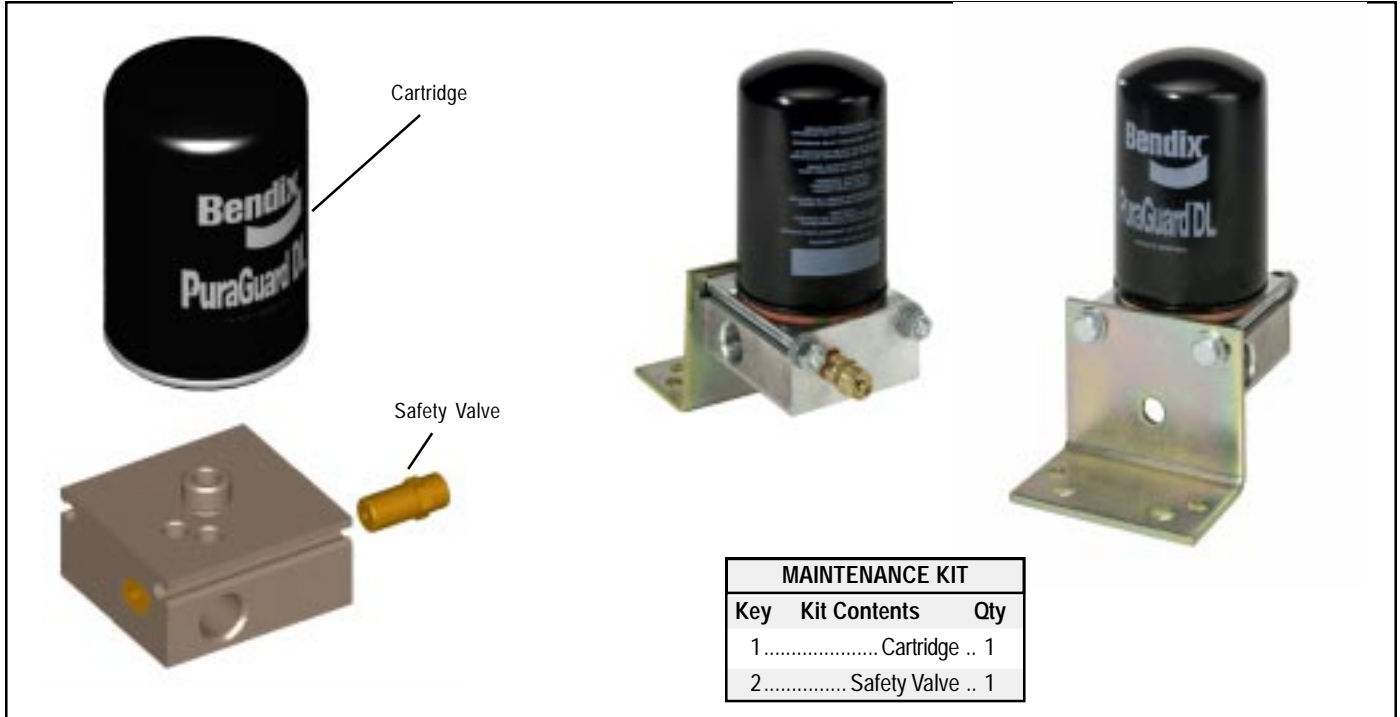


FIGURE 1 - MAINTENANCE KITS

IMPORTANT! PLEASE READ AND FOLLOW THESE INSTRUCTIONS TO AVOID PERSONAL INJURY OR DEATH:

When working on or around a vehicle, the following general precautions should be observed at all times.

1. Park the vehicle on a level surface, apply the parking brakes, and always block the wheels.
2. Stop the engine when working around the vehicle.
3. If the vehicle is equipped with air brakes, make certain to drain the air pressure from all reservoirs before beginning ANY work on the vehicle.
4. Following the vehicle manufacturer's recommended procedures, deactivate the electrical system in manner that removes all electrical power from the vehicle.
5. When working in the engine compartment the engine should be shut off. Where circumstances require that the engine be in operation, **EXTREME CAUTION** should be used to prevent personal injury resulting from contact with moving, rotating, leaking, heated, or electrically charged components.
6. Never connect or disconnect a hose or line containing pressure; it may whip. Never remove a component or plug unless you are certain all system pressure has been depleted.

7. Never exceed recommended pressures and always wear safety glasses.
8. Do not attempt to install, remove, disassemble or assemble a component until you have read and thoroughly understand the recommended procedures. Use only the proper tools and observe all precautions pertaining to use of those tools.
9. Use only genuine Bendix replacement parts, components, and kits. Replacement hardware, tubing, hose, fittings, etc. should be of equivalent size, type, and strength as original equipment and be designed specifically for such applications and systems.
10. Components with stripped threads or damaged parts should be replaced rather than repaired. Repairs requiring machining or welding should not be attempted unless specifically approved and stated by the vehicle or component manufacturer.
11. Prior to returning the vehicle to service, make certain all components and systems are restored to their proper operating condition.

For further maintenance information see Service Data Sheet SD-08-187A.

VEHICLE PREPARATION

1. Park the vehicle on a level surface and prevent movement by means other than the brakes.
2. Drain all reservoirs to 0 p.s.i.

DISASSEMBLY AND CLEANING (see Figure 1)

1. Unscrew the spin on cartridge from the PuraGuard DL. If necessary, use a strap wrench to assist this process.
2. Remove and discard the safety valve.

If only installing the maintenance kit go to *Inspection* section below.

INSPECTION

1. Inspect the PuraGuard DL body for carbon build up.
2. Clean all carbon out of the body.

ASSEMBLY (see Figure 1)

1. Install the replacement safety valve into the body. Torque to 275 inch-lbs. Rotate the safety valve (by tightening) to position the exhaust hole down toward the ground and away from the cartridge.
2. Screw the replacement cartridge onto the body until the sealing ring meets the body. Torque to 84-108 inch pounds or tighten an additional 270°.

OPERATIONAL TEST

Build the air system to governor cut-out. Shut off the engine. Using a soap solution, check all hoses and fittings leading to and from the PuraGuard DL for leakage and integrity. Repair any excessive leaks - exceeding a 1 inch bubble in 5 seconds - before restoring vehicle to service.

