



# Installation Instructions

Bolt Kit  
Pc. No. 5009233

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

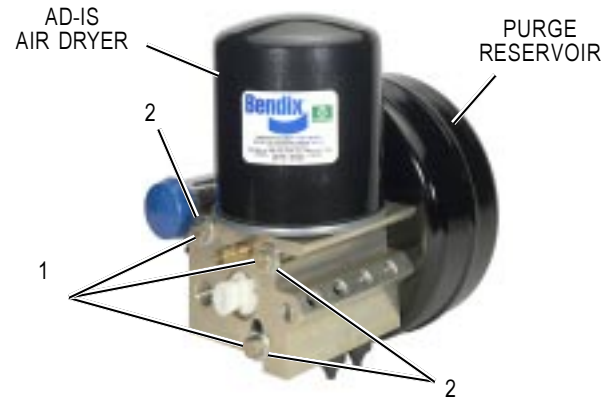
When working on or around a vehicle, the following general precautions should be observed at all times.

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.

This kit is intended for use in replacing the mounting bolts that secure the AD-IS Air Dryer to its Purge Reservoir Assembly.

## 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. (0 kPa).
3. Clean the exterior of the air dryer.



Bolt kit piece no. 5009233 contains the following:

KEY	DESCRIPTION	QTY
1	3/8 CAP SCREW	3
2	3/8 WASHER	3
3	O-RING	2

## DISASSEMBLY

### General

When servicing the AD-IS air dryer use only genuine Bendix parts. **Caution:** Always depressurize the air dryer purge reservoir, and all other reservoirs on the vehicle to 0 p.s.i. before servicing the air dryer.

1. If necessary disconnect the air lines to the air dryer. Mark the lines prior to removal for ease of reconnection.
2. While supporting the air dryer, remove the three cap screws(1) and washers(2) and discard. Remove and discard the two o-rings(3) from the air dryer body between the air dryer and purge reservoir.
3. Clean the surfaces of the air dryer and purge reservoir.

## ASSEMBLY

1. Install the two o-rings(3) on the air dryer body. O-ring grease is not required.
2. Install the three washers(2) and the three cap screws(1) into the air dryer and purge reservoir. Torque to 360-420 in-lbs.
3. If previously disconnected, reconnect all air lines.

## OPERATIONAL TEST

Before placing the vehicle in service, perform the following tests.

1. Close all reservoir drain valves.
2. Build up system pressure to governor cut-out and note that the AD-IS air dryer purges with an audible escape of air.
3. "Fan" the service brakes to reduce system air pressure to governor cut-in. Note that the system once again builds to full pressure and is followed by a purge at the AD-IS air dryer exhaust.
4. It is recommended that the total air system be tested for leakage to assure that the AD-IS air dryer will not cycle excessively.

For additional troubleshooting information see AD-IS Service Data Sheet SD-08-2418.