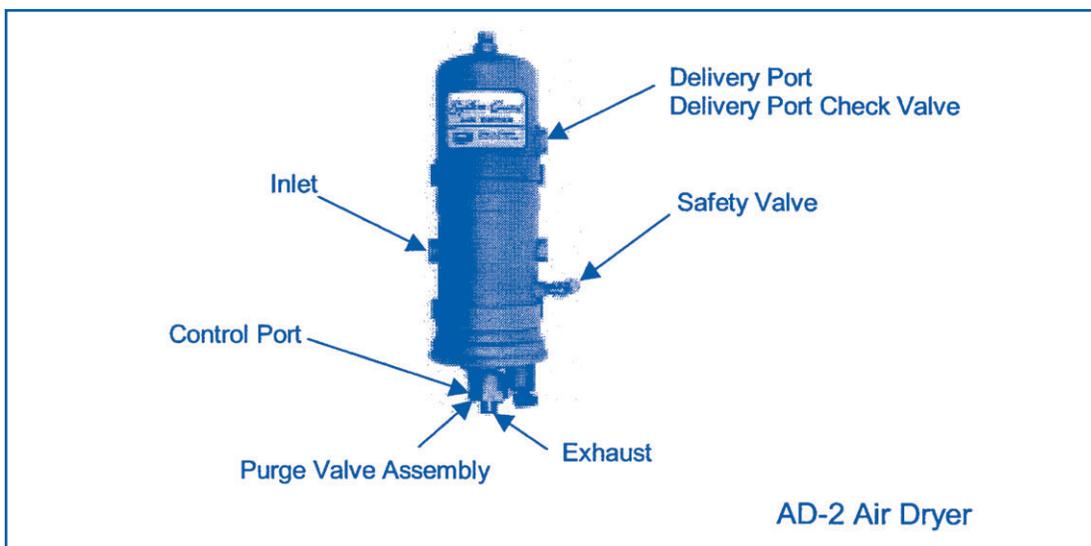


## AD-2 Air Dryer Servicing

Caution: Before servicing an AD-2 Air Dryer on a vehicle or before removing an AD-2 Air Dryer from a vehicle, the following procedure must be followed. Failure to do so may allow air pressure to be trapped in the upper body of the air dryer and could result in personal injury during servicing.

Please note the following changes (**indicated by bold type**) in the general precaution notes for AD-2 Air Dryers.



1. Park the vehicle on a level surface, apply the parking brake, and always block the wheels.
- 2. Run the engine until the air dryer discharges, then turn the engine off.**
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 a manner that removes all electrical power from the vehicle.
- 5. Disconnect the heater wire from the end cover.**
- 6. Disconnect the control line from the control port of the air dryer.**

- 7. Remove the delivery port fitting to allow the trapped air to escape to atmosphere. Loosen the delivery check valve to relieve any air trapped above the desiccant cartridge assembly.**
- 8. Remove any exhaust silencers or the exhaust check valve from the base of the air dryer. Using a two (2) inch socket, loosen the purge valve assembly and allow any trapped air to escape. Slowly unscrew the purge valve and remove it.**
9. 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.
10. 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.
11. Never exceed recommended pressures and always wear safety glasses.
12. Do not attempt to install, remove, disassemble 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.
13. 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.
14. 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.
15. Prior to returning the vehicle to service, make certain all components and systems are restored to their proper operating condition.