

Installation Instructions



BENDIX® SS-2™ CUT-OFF VALVE SERVICE KIT



Figure 1 - Bendix® SS-2™ Cut-Off Valve

KIT COMPONENTS

The Bendix® SS-2™ cut-off valve service kit contains the following parts:

Description	Qty
Diaphragm	1
O-ring	1
Lubricant	1

DESCRIPTION

The SS-2 cut-off valve service kit is designed to replace the o-ring and diaphragm to keep the valve functional. This kit must be installed properly on the SS-2 cut-off valve or the valve may become damaged.

PROCEDURE

1. Remove the SS-2 cut-off valve from the vehicle to perform the replacement of the components.
2. Remove the four (4) screws of the SS-2 cut-off valve.
3. Remove the SS-2 cut-off valve cover.
4. Remove the diaphragm and o-ring.
5. Lubricate the new o-ring.
6. Install the new o-ring on to the SS-2 cut-off valve body.



WARNING

Incorrect installation of the o-ring may result in failure of the unit.

7. Install the diaphragm in the SS-2 cut-off valve body, ensuring the o-ring is not damaged during installation.
8. Secure the cover to the SS-2 cut-off valve body, using the four (4) screws. Torque the four (4) screws to 40-60 in-lbs.

GENERAL SAFETY GUIDELINES

WARNING! PLEASE READ AND FOLLOW THESE INSTRUCTIONS

TO AVOID PERSONAL INJURY OR DEATH:

When working on or around a vehicle, the following guidelines should be observed AT ALL TIMES:

- ▲ Park the vehicle on a level surface, apply the parking brakes, and always block the wheels. Always wear personal protection equipment.
- ▲ Stop the engine and remove the ignition key when working under or around the vehicle. When working in the engine compartment, the engine should be shut off and the ignition key should be removed. 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.
- ▲ 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.
- ▲ If the work is being performed on the vehicle's air brake system, or any auxiliary pressurized air systems, make certain to drain the air pressure from all reservoirs before beginning ANY work on the vehicle. If the vehicle is equipped with a Bendix® AD-IS® air dryer system, a Bendix® DRM™ dryer reservoir module, a Bendix® AD-9si®, AD-HF®, or AD-HFi™ air dryer, be sure to drain the purge reservoir.
- ▲ Following the vehicle manufacturer's recommended procedures, deactivate the electrical system in a manner that safely removes all electrical power from the vehicle.
- ▲ Never exceed manufacturer's recommended pressures.
- ▲ Never connect or disconnect a hose or line containing pressure; it may whip and/or cause hazardous airborne dust and dirt particles. Wear eye protection. Slowly open connections with care, and verify that no pressure is present. Never remove a component or plug unless you are certain all system pressure has been depleted.
- ▲ Use only genuine Bendix® brand replacement parts, components, and kits. Replacement hardware, tubing, hose, fittings, wiring, etc. must be of equivalent size, type, and strength as original equipment and be designed specifically for such applications and systems.
- ▲ Components with stripped threads or damaged parts should be replaced rather than repaired. Do not attempt repairs requiring machining or welding unless specifically stated and approved by the vehicle and component manufacturer.
- ▲ Prior to returning the vehicle to service, make certain all components and systems are restored to their proper operating condition.
- ▲ For vehicles with Automatic Traction Control (ATC), the ATC function must be disabled (ATC indicator lamp should be ON) prior to performing any vehicle maintenance where one or more wheels on a drive axle are lifted off the ground and moving.
- ▲ The power **MUST** be temporarily disconnected from the radar sensor whenever any tests **USING A DYNAMOMETER** are conducted on a vehicle equipped with a Bendix® Wingman® system.
- ▲ You should consult the vehicle manufacturer's operating and service manuals, and any related literature, in conjunction with the guidelines above.

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