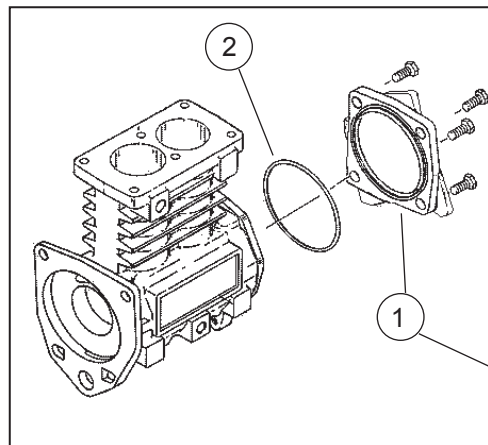


Installation Instructions



BENDIX® TU-FLO® 550 AND TU-FLO® 750 REAR ADAPTER KIT



Rear Adapter Replacement



Kit Contents

Item No.	Description	Qty.
1	Adapter	1
2	Sealing Ring	1

Figure 1 – Bendix® Tu-Flo® 550 and Tu-Flo® 750 Rear Adapter Kit

DESCRIPTION

This kit contains all of the necessary components to replace the rear adapter on Bendix® Tu-Flo® 550 and Tu-Flo® 750 compressors.

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, or a Bendix® AD-9si® 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.


DISASSEMBLY

Follow all safety precautions as outlined in the General Safety Guidelines.

1. Drain the oil from the compressor crankcase.
2. Carefully remove any vehicle components installed onto the rear adapter and retain the hardware used. Note the orientation to assist in re-assembly.
3. Remove the bolts mounting the adapter to the crankcase. Discard the rear adapter and retain the bolts for re-assembly.
4. Clean the compressor casting surface removing any residue, taking care not to scratch or gouge the surface.

ASSEMBLY

1. Apply a small amount of lithium grease to the sealing ring and install it into the channel in the new rear adapter.
2. Carefully align the rear adapter and hold in position while hand-tightening the mounting bolts. Tighten to 175-225 in-lbs. using a torque wrench.
3. Install other components removed during this procedure using vehicle or manufacturer's guides for torque values required.
4. Inspect and reconnect the oil lubrication supply to the compressor replacing the hoses and connections as needed.

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