

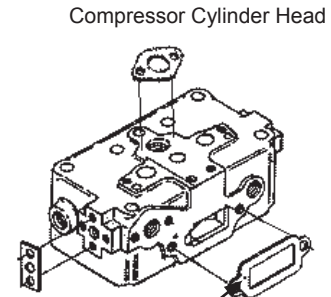
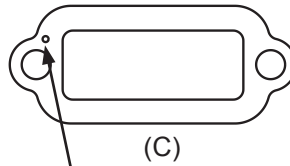
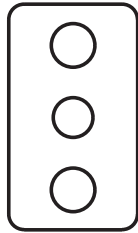
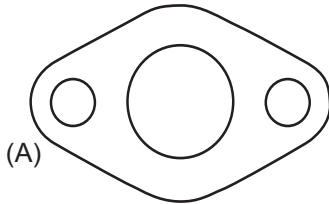


Installation Instructions

Bendix® Tu-Flo® 550™ and 750™ Compressor Kit

KIT
PC. No. 5017333

KIT CONTENTS



Description

Quantity Key

Discharge Fitting Gasket 1 (A)

Governor Gasket 1 (B)

Air Strainer Gasket 1 (C)

Note: Small hole in gasket (not used in all applications) is oriented in the upper left of the gasket and, where used, aligns with small hole in cylinder head.

INTRODUCTION

These instructions cover the replacement of naturally-aspirated Bendix® Tu-Flo® 550™ and 750™ compressors.

Read and understand these instructions before beginning work on the vehicle.

SAFE MAINTENANCE PRACTICES

WARNING! 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. Always wear safety glasses. Where specifically directed, the parking brakes may have to be released, and/or spring brakes caged, and this will require that the vehicle be prevented from moving by other means for the duration of these tests/procedures.
2. Stop the engine and remove 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.
3. 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.
4. 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 an AD-IS® air dryer system or a dryer reservoir module, be sure to drain the purge reservoir.
5. Following the vehicle manufacturer's recommended

procedures, deactivate the electrical system in a manner that safely removes all electrical power from the vehicle.

6. Never exceed manufacturer's recommended pressures.
7. 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.
8. Use only genuine Bendix® replacement parts, components and kits. Replacement hardware, tubing, hose, fittings, etc. must be of equivalent size, type and strength as original equipment and be designed specifically for such applications and systems.
9. 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.
10. Prior to returning the vehicle to service, make certain all components and systems are restored to their proper operating condition.
11. For vehicles with Antilock 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.

INSTALLATION

1. Clean the engine (where necessary) to remove all road grime etc., from the installation area.
2. Inspect all hardware components before re-using. Replace as necessary.
3. Torque all gaskets to 175-225 in. lbs. Either side of the gasket can face the compressor.

OPERATION AND LEAKAGE TEST

LEAKAGE TEST

Run engine and inspect for any leakage at the coolant or lubricating oil fittings. Repair as necessary.

With the engine running, lower air system pressure to 60 psi and apply a soap solution around the cylinder head.

Air fittings are permitted leakage of a one inch bubble in one minute.