



Installation Instructions

KIT
PC. No. 260688

COMPRESSOR TURBOCHARGE KIT FOR MACK INLINE 6-CYLINDER ENGINE

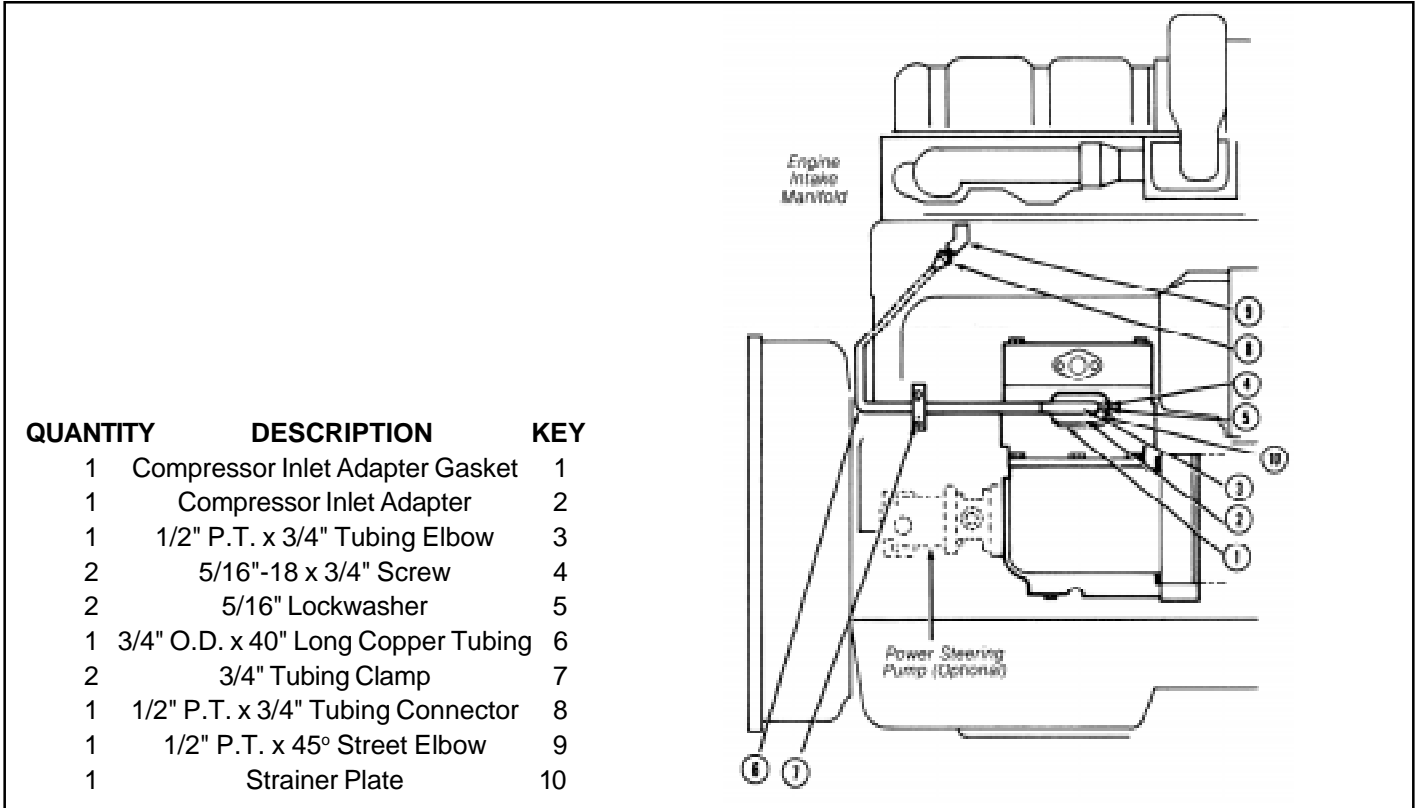


Figure 1 This kit consists of the parts listed above.

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.

COMPRESSOR TURBOCHARGE INLET KIT INSTALLATION

1. Check the bottom rear of the engine's aluminum rear intake manifold for the presence of a tapped hole. If no hole exists, remove the manifold and tap the existing boss to 1/2" NPT. Clean the metal chips out of the manifold and reinstall it on the engine. NOTE: If the engine has a sheet metal inlet manifold without a 1/2" NPT ferrule, replace the manifold with the current production aluminum version.
2. Remove and discard the existing compressor inlet fitting and hose and plug the engine air cleaner ducting.
3. Install the compressor inlet fitting on the compressor using the gasket, cap screws and lockwashers provided.
4. Install the 90° 1/2" NPT x 3/4" tubing elbow in the compressor inlet adapter and the 45° street elbow and 1/2" P.T. x 3/4" tubing connector in the tapped port of the engine intake manifold.
5. Route the 3/4" copper tubing between the engine manifold fitting and the compressor inlet fitting. Make certain not to kink the tubing where bends are necessary.
6. Secure the copper tubing to the engine using the two tubing clamps provided.

