



Turbo Charger

Installation instructions

CAUTION; Your turbocharger will fail again if you do not follow these instructions.

INSPECTION

1. Check both compressor & turbine housing for wheel rub damage, corroded or stripped treads in mounting holes & damage to the mating surfaces with cartridge/chra. Replace/rework as required
Remove and gasket material on exhaust manifold mounting flange & oil inlet flange. If any of these conditions apply, reduced performance, extensive damage & premature failure may occur.
2. Remove any foreign material/dirt in the air cleaner & ducting to compressor inlet and in the exhaust manifold / turbine inlet. Any foreign objects may cause reduced performance, extensive damage & premature is likely to occur.
3. Check oil drain & supply lines for kinking, clogging, restrictions or any other deterioration and replace & replace necessary. It is recommended that these lines are replaced.



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INSTALLATION & PRE- OILING

1. Using new gaskets/O rings, Install the turbocharger on the engine without connecting the compressor inlet & oil supply line. Secure the nuts/bolts attaching the turbocharger to exhaust manifold using the manufactures recommended settings. A high temperature lubricant is recommended on the treads. sealing and jointing compounds are not recommended.
2. Disable the ignition and crank the engine to ensure that oil flows freely though the oil inlet pipe.
3. Pre-lube the turbo with the recommended engine oil
4. Rotate the compressor wheel by hand. If there is any indication of rubbing or scraping, identify the cause & correct before starting the engine.
5. Disable the ignition & crank the engine to ensure that oil flows freely through the oil outlet hole & then connect the oil drain pipe
6. Connect the air ducting from the outlet of the air filter to the compressor inlet .
7. Start the engine & allow to idle for 3-4 minutes checking for oil or exhaust leaks & also oil pressure to build up



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