



WARRANTY

Note: 12 Month/12,000 Mile warranty will be voided if the following installation guide is not followed in its entirety. We do not pay for subsequent damage.

Installing Your Turbo

- Check the operation of engine to make sure it meets manufacturer's specifications.
- Change oil, oil filter and air filter.
- Replace the oil supply line in all gasoline applications. Clean line in diesel applications.
- Do not use a thread sealer (SILICONE) on any oil line.
- Check oil drain for restrictions to flow such as kinked or deteriorated rubber sections and sharp bends. On fresh reman engines and heads flush all oil passages.
- Check for contamination and obstructions such as kinked, worn and/or plugged oil lines and oil passages. If applicable, check intercooler or after cooler for the same.
- Remove and thoroughly clean intercooler.
- Replace the air filter element. Check for flow restrictions, both intake and exhaust, including the catalytic converter.
- Check for and remove all foreign objects from the intake air tract and secure all hoses.
- Replace the oil and oil filter. Replace any crank case breather elements.
- Verify the actuator "C" clip is secure.
- Verify that the oil drain direction is vertical.
- Verify the tightness of all clamps and bolts, secure lock tabs if applicable.
- After installation, be sure to remove all tools from the engine compartment.
- Before starting the engine, disable either the fuel or ignition system to allow the engine to be cranked without starting. The engine must be cranked until normal oil pressure is developed. Once oil pressure is achieved you may start the engine.
- Repeat after all oil changes.

Common Causes of Turbo Failure

- Hot shut down. Turning the engine off prematurely without allowing sufficient time for the turbo to cool down.
- Infrequent oil, oil filter and air filter changes.
- Foreign matter and/or obstructions in the turbocharger air or oil system.
- Improper engine maintenance. Operating engine when out of tune or in need of adjustment or maintenance.
- Related engine part or engine failure. For example: a cracked head, broken or worn piston rings, blown head gasket, clogged radiator and impact damage due to accident.

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