



TURBO WARRANTY GUIDELINES

Installation Guidelines

Proper installation is crucial to a long turbocharger life. Improper installation and maintenance can result in a short life of a turbo.

In order to reduce the risk of premature turbo failure, all customers purchasing a turbo from **Westrac Ltd** must read and understand the following installation guidelines:

Before fitting the turbo, please check and clean the following parts (and/or replace if necessary):

- Check oil pump (oil pressure),
- Check and clean oil strainer to prevent residual carbon.
- Check exhaust system and clean any blockages,
- Check and clean oil sump,
- Check and clean the DPF system (If equipped),
- Check and clean intercooler,
- Check and clean turbo oil lines and banjo bolts,
- Check wastegate actuator wiring (If equipped).
- **Clean Intercooler**
- **Clean air intake system (includes all intake hoses)**
- **Change air filter.**
- **Change the engine oil and oil filter.**
- **Ensure oil level is above minimum.**

Fit the turbo and test the oil flow of your engine.

Important: Be sure the oil level is above minimum level before testing:

Install the turbo to the engine with oil return pipe off;

- Align the bearing housing to where the oil drain is pointing down within 30 degrees, tighten all clamps.
- **Crank engine until oil drains out of the oil drain on the turbo.**
- Use a long oil line; attach one end to the oil drain line, and the other into a container to catch draining oil,
- Start your engine for 60s then power off;
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Important: There should be at least 0.3L oil in the container;

Repeat the test to confirm the flow is right and stable.

Note: We highly recommended that a professional mechanic or turbo technician installs any new turbo purchased.

- **Warranty does not include any damage caused by foreign objects.**
- **Warranty can only be granted if there are no signs of improper installation.**

Turbos come with a forty-five (45) day's Warranty, under the General Warranty Policy, **ONLY** if turbo Warranty Guidelines are followed. **All items in red indicate steps that can NOT be missed or skipped in any case.**