

TURBO FAILURE: OIL CONTAMINATED

- Turbochargers are very precision and reliable: less than 1% of turbochargers fail due to manufacturing defect.
- 90% of turbo failures are because of problems with foreign object damage, oil starvation, or oil contamination.
- Before you fit a new turbo, find out what caused the first turbo fail or you may risk the replacement unit fail again by the same reason.

What causes contaminated oil?

- A blocked, damaged or poor quality oil filter.
- High carbon build-up in the engine. This can rapidly contaminate even new oil.
- Accidental contamination of new oil during servicing.
- A malfunctioning oil filter bypass valve.
- Engine wear, leaving swarf deposits in the oil.
- Oil that has degraded due to excessive temperatures or extended service intervals

Preventing turbo failure caused by contaminated oil

- Always use fresh oil and new oil filters as recommended by the engine manufacturer when fitting a new turbo.
- Ensure the oil is the correct grade for the engine.
- Clean or replace oil inlet pipes to eliminate any carbon deposits or sludge that could enter the turbo or restrict oil flow to the bearings

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