

TURBO FAILURE: IMPACT DAMAGE

- 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 are the causes of impact damage?

- Nuts, bolts, washers, rags or other items left in the intake pipe during servicing.
- Broken engine components, e.g. injector tips, valves or fragments of damaged piston.
- Fragments from a previous turbocharger failure.
- Items sucked into the air intake because of a damaged, poor quality or missing air filter.
- Damaged hoses allowing small particles to enter the intake.
- Gasket material entering the intake.

Preventing turbo failure caused by contaminated oil

- Ensure all air hoses are in good condition, intact and free from blockages or loose items.
- Always use new gaskets to create perfect seals and avoid gasket breakup.
- Always fit the correct new air filter.
- Check there are no turbo or engine fragments in the system from the previous failure, before fitting the replacement.

Technical Support by:
JM TURBO TECHNOLOGY CORP.
709 S Palm Ave,
Alhambra, CA 91803
Phone: 1-626-308-2996
Fax: 1-626-236-9335

