

OVERSPEEDING

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What is overspeeding	Overspeeding is a term used when a turbo is operating well above its normal operating limits. If there are any leaks, cracks or poor seals between the compressor and the engine, the turbo will have to work much harder than it should to deliver the required air levels to the engine.	
Signs of overspeeding	 The 'orange peel' effect Inducer blade damage Partial loss of blades Burst wheel Fatigue fractures of blades 	Orange peel' effect on compressor wheels
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Preventing turbo failure caused by overspeeding:

- The turbocharger must always be left in the original state
- The turbocharger may only be installed in the specified vehicles
- Check there are no restrictions or leaks in the air intake pipe work
- Ensure the wastegate or VNT linkage is operating freely and is properly calibrated
- Check the electronic sensors and ECU are operating correctly
- Avoid remaps chipping or over-fuelling

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