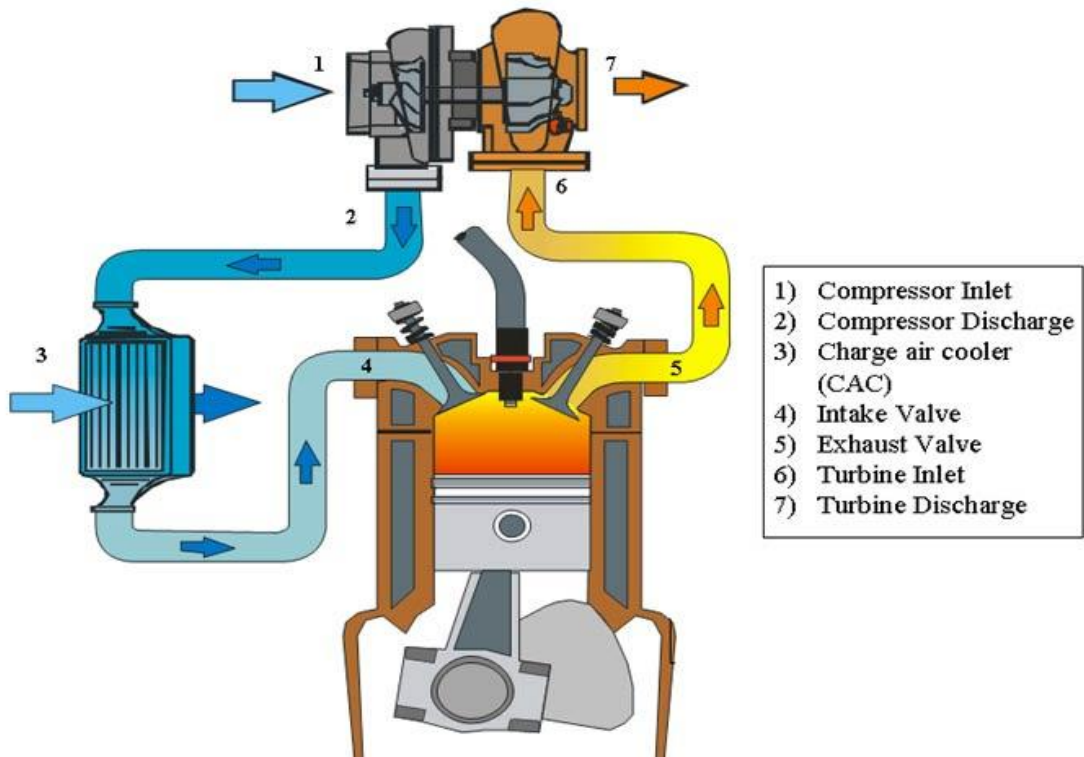
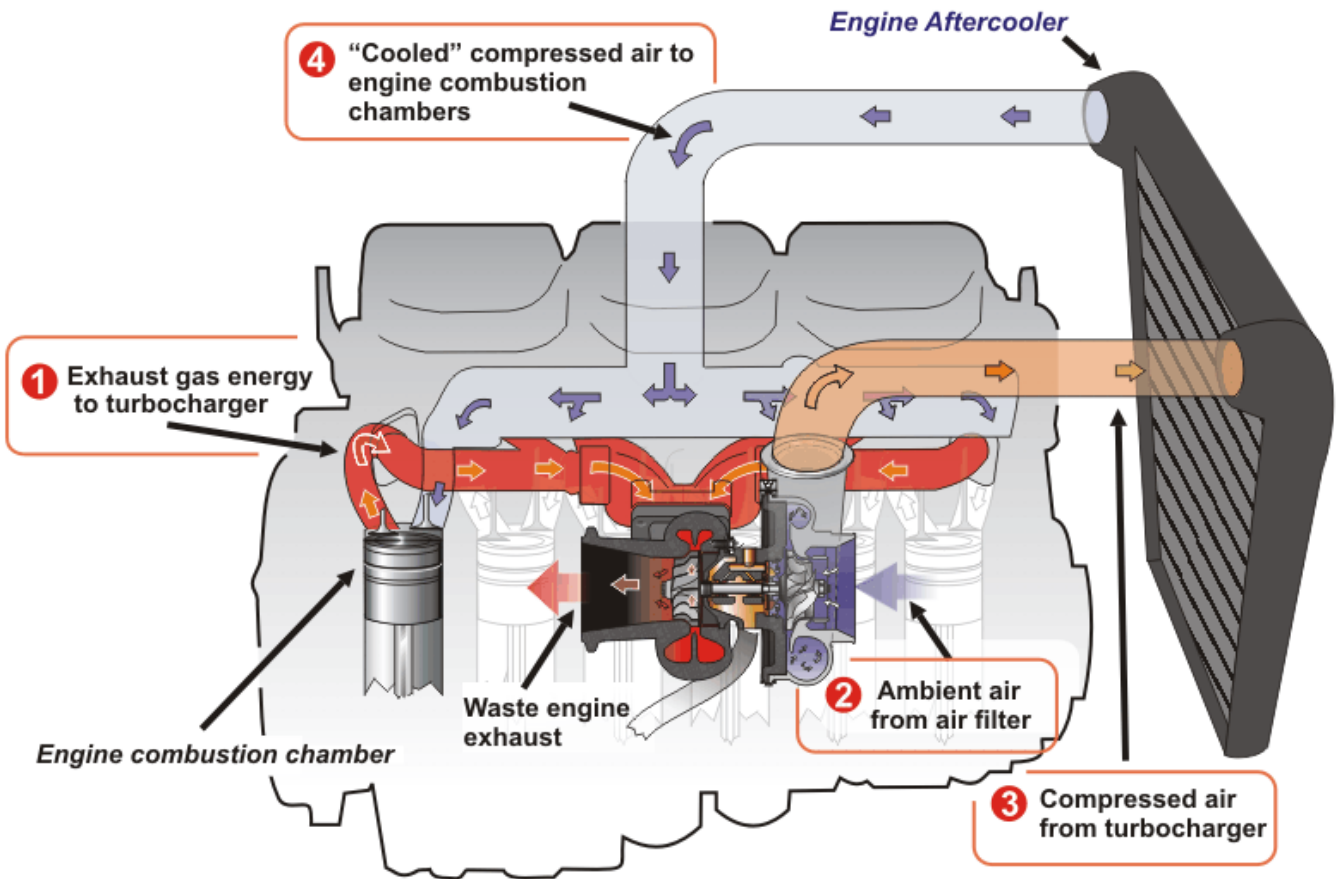


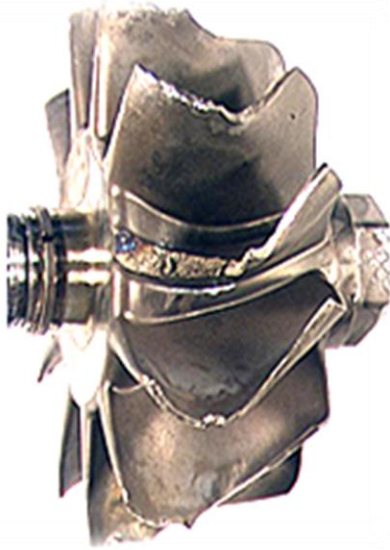


TURBOCHARGER FAILURE OVER SPEEDING

Typical Commercial Diesel Turbocharged Engine System



FAILURES DUE TO OVER SPEEDING OF TURBOCHARGER



Every turbocharger is engineered and manufactured to Operate at a specific speed based on its application. Over speeding happens when the turbocharger rotates at higher speed than its designed limits.

Over speeding can cause the turbocharger to fail and damage the turbine or compressor wheels and bearings. Over speeding turbocharger can over boost the engine which will result in serious internal component damages and/ or complete engine failure.

Causes for over speeding of turbocharger:



- Restriction in the air filter or pipe work and/or a split or detached air hose that allows incorrect amounts of air into the turbocharger.
- “Tuned” or “over fuelled” or “ECU Remapped” engine that is not to the standard specification.
- Tampering with the waste gate of the turbocharger.
- Worn out fuel injectors / nozzles.
- Signal loss to the Electronic Actuator for the waste gate or VGT control.
- Fitment of incorrect turbocharger for the application.

Preventing turbocharger failure caused by over speeding :

- ✓ Check and ensure that there are no restrictions or leakages in the air intake system.
- ✓ Check and Ensure that the waste gate or VGT linkage is operating freely.
- ✓ Check the electronic sensors and ECU are operating correctly.

Service Centers:

Palakkad
17/550(9),KTV Tower,
West Fort Road, Palakkad – 678 001
Phone : 0491 – 3260808, 3208000

Kochi
40/618, Bhagavathy Parambil Building,
Near Federal Bank, Palarivattom, Kochi – 682 025
Phone : 0848 -3114333

Kozhikode
3/165-A,Nano Building,
Major Santhosh Road, Behind Co-Op Urban Bank,
Vandipetta, West Nadakkavu, Kozhikode – 673 011
Phone : 0495 3104333

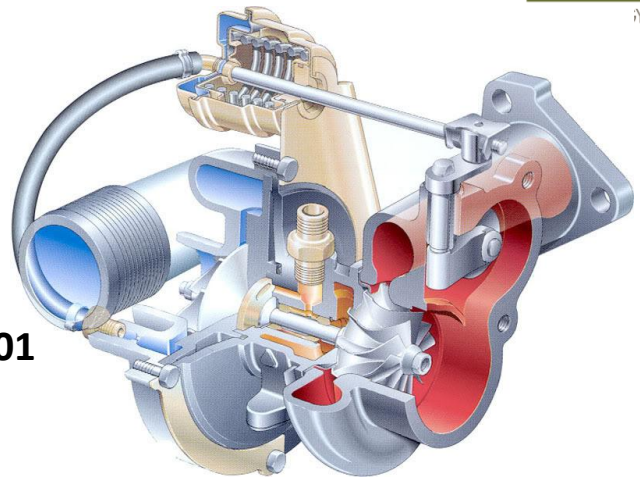
Collection Centers:

Kannur
EP III/178, EVES Arcade,
Opposite Technical High School, Thottada, Kannur – 670 007
Phone : 0497 – 3268785

Thiruvananthapuram
TC 36/1090(9), Narayan Nilayam,
Eanchakkal Junction, Vallakadavu P.O., Thiruvananthapuram – 695 008
Phone : 0471 – 3198785

Service Helpline : +91 491 3208000
Technical Assistance : +91 93491 27136

Website : www.paramountautozone.com
www.paramountgrp.net



Paramount auto **zone**

ISO 9001:2008 Certified Company



Come to us for a cleaner and greener road to the future..