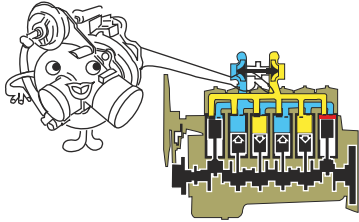




THANKS

WHERE AM I FITTED ?

I am fitted on the engine exhaust manifold.



WHAT DO I DO !?!

I am an air pump driven by otherwise wasted engine exhaust gas energy. I supply pressurised air to the engine. Because of excess air availability, more fuel can be burnt and fuel can be burnt completely. This will have the following benefits:

▶ Engine will develop more power & torque



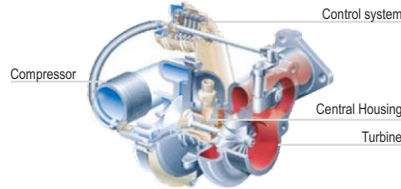
▶ Lower engine exhaust emissions



▶ Lower fuel consumption



SO I AM IMPORTANT, RIGHT!



HOW DO I WORK !?!

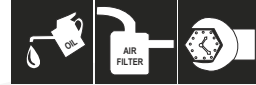
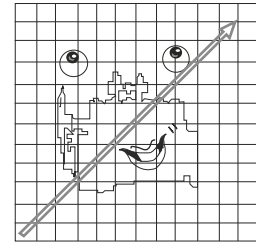
I am made of three sections:

a) Turbine b) Compressor c) Central housing

Turbine uses the engine exhaust gases for rotating the turbine wheel, this in turn rotates the compressor wheel as both are mounted on the same shaft.

Compressor draws in air, compresses it & supplies to engine at higher pressure. Central housing mainly consists of bearing and sealing systems to support the rotating parts for their proper functioning.

WHAT IS GOOD FOR ME?



Clean engine oil (correct oil pressure, oil quality & oil change interval) & Clean air (recommended air filter & its change period).

Ensure that you follow the service schedule recommended by the vehicle manufacturer.

WHAT IS UNIQUE ABOUT ME ! ? !

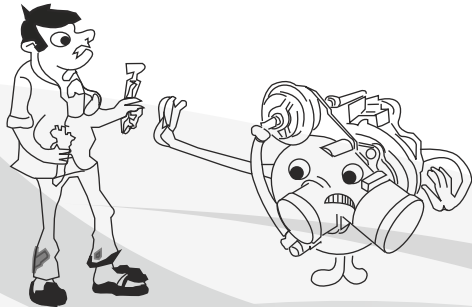
The turbine wheel assembly rotates at speeds in excess of 1,50,000 RPM and the exhaust gas & air entering travels at SONIC speeds. The clearances in the rotating parts are extremely small (0.016 mm).

WHERE TO GET HELP ! ?

Please contact the dealer workshop (OR) TEL authorised service centers. For more information visit www.turboenergy.co.in.

PLEASE AVOID UNAUTHORISED PERSONS

Service by untrained persons can lead to failure of turbocharger and possible engine failure.



HERE I GO TO
WORK, ENJOY
SAFE DRIVING...
BYE



Hello! I am your
TURBOCHARGER
Can, I Explain About Myself!!!

Hello! I am your
TURBOCHARGER
Can, I Explain About Myself!!!

Hello! I am your
TURBOCHARGER
Can, I Explain About Myself!!!

