

ZOOM



GENUINE TURBOCHARGERS

MAXIMIZE YOUR POWER
REDUCE YOUR MACHINE CONSUMPTION

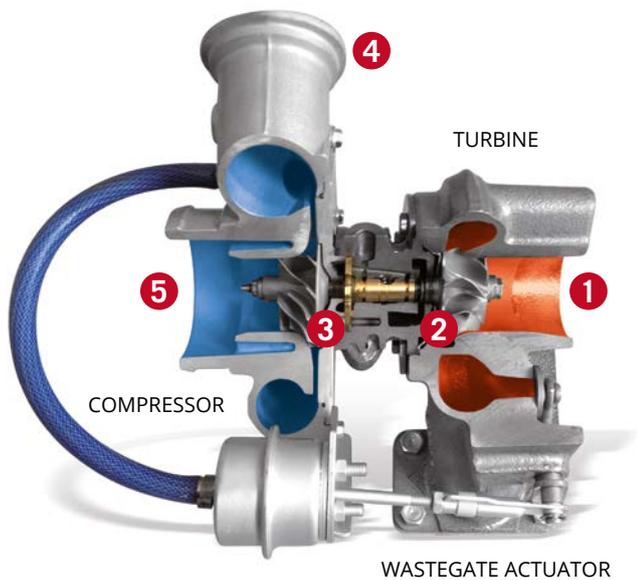
CASE IH MAKES THE DIFFERENCE.
LET'S SEE HOW.

GENUINE **PARTS**
HIGH PERFORMANCE

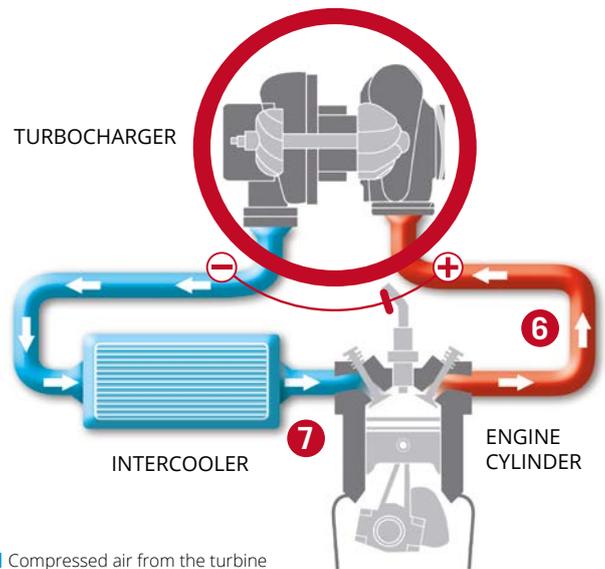
CASE IH

The key role of the turbocharger.

The turbocharger is a mean to **increase the power** of an engine.



- 1 Exhaust gas outlet
- 2 Exhaust gas turbine
- 3 Air compressor
- 4 Compressed air to engine
- 5 Fresh air inlet

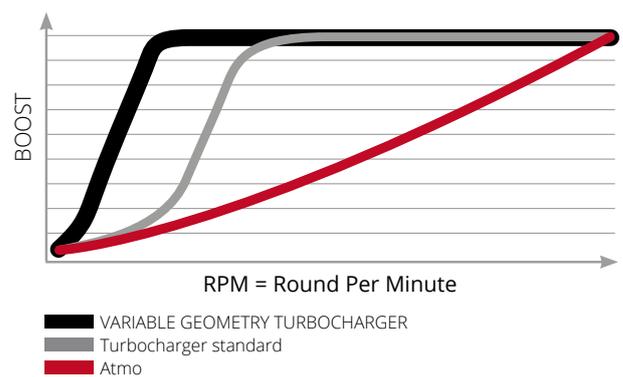


- 6 Exhaust gas activates the turbine
- 7 Compressed air increases the level of oxygen and the pressure in the combustion chamber

COMPARISON OF DIFFERENT TYPES OF TURBOCHARGERS

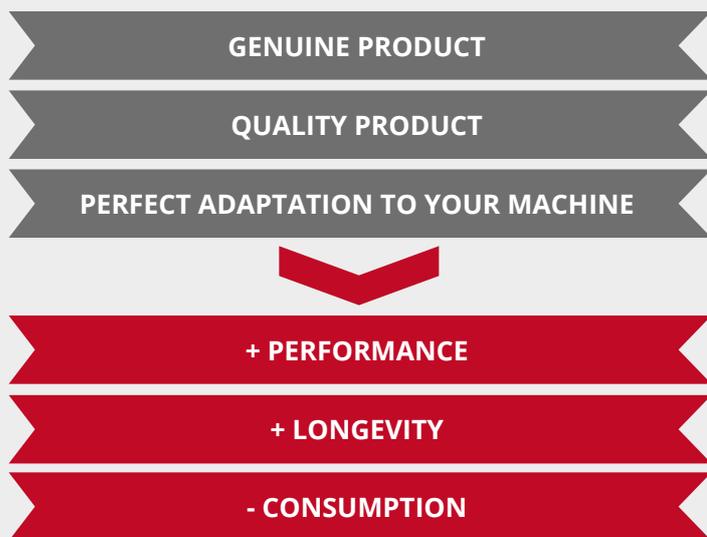
EVOLUTION: VARIABLE GEOMETRY TURBOCHARGER.

THE VGT INCREASES ENGINE PERFORMANCE ALSO AT LOW SPEED.



Why choose Genuine CASE IH turbochargers?

It is essential that the turbocharger is carefully balanced and made of special high temperature resistant materials. In fact the speed of the turbine can exceed 120.000 rpm.



The Genuine CASE IH turbocharger is carefully balanced and made of special high temperature resistant materials.



PERFORMANCE
VEHICLE POWER
MAINTAINED



LONGEVITY
THANKS TO HIGH
SPECIFICATION



FUEL
CONSUMPTION
OPTIMIZED BOOST



SECURITY
AVOID RISK OF FAILURE
AT ANY TIME UPON
INSTALLATION

GENUINE VERSUS COUNTERFEIT

ENGINE PERFORMANCE



FEATURES

Engine performance directly depends on:

- High quality of turbo response
- Optimised diesel fuel/air mix



RISK

- Excessive temperatures and low flow of exhaust gas are damaging the turbo as well as the engine

+20% ORIGINAL ENGINE PERFORMANCE
VERSUS COUNTERFEIT



MAINTENANCE COSTS



GENUINE = 4X MORE ECONOMICAL THAN COUNTERFEIT

COUNTERFEIT

SPOT THE DIFFERENCE

ITEMS	GENUINE	COUNTERFEIT
Name plate	Original supplier code + manufacturing origin	Wrong supplier code + suspicious origin
Screws	No washers	Washers



Recommendations for use

 THE ENGINE DOES NOT DELIVER ENOUGH POWER	 THE TURBOCHARGER MAKES NOISE	 BLACK OR BLUE EXHAUST GAS	 EXCESSIVE OIL ENGINE CONSUMPTION	 OIL LEAK TO THE SIDE OF: <input type="checkbox"/> air intake <input type="checkbox"/> turbine	CAUSES	RECOMMENDATIONS
✓		✓		✓	Restricted/inefficient exhaust system	Replace damaged parts as required with CASE IH Genuine replacements
✓		✓	✓	✓	Dirty engine air filter	Replace element according to CASE IH recommendations
✓	✓	✓	✓		Air leak between intake manifold and engine	Replace gaskets or tighten fasteners as required
✓	✓	✓	✓	✓	Foreign object in exhaust manifold (from engine)	Remove obstructions



At any time, easily and safely
from the CASE IH web shop

