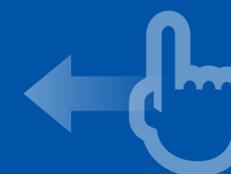


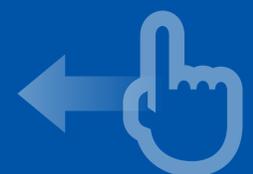
# VG Turbocharger for GD Engines



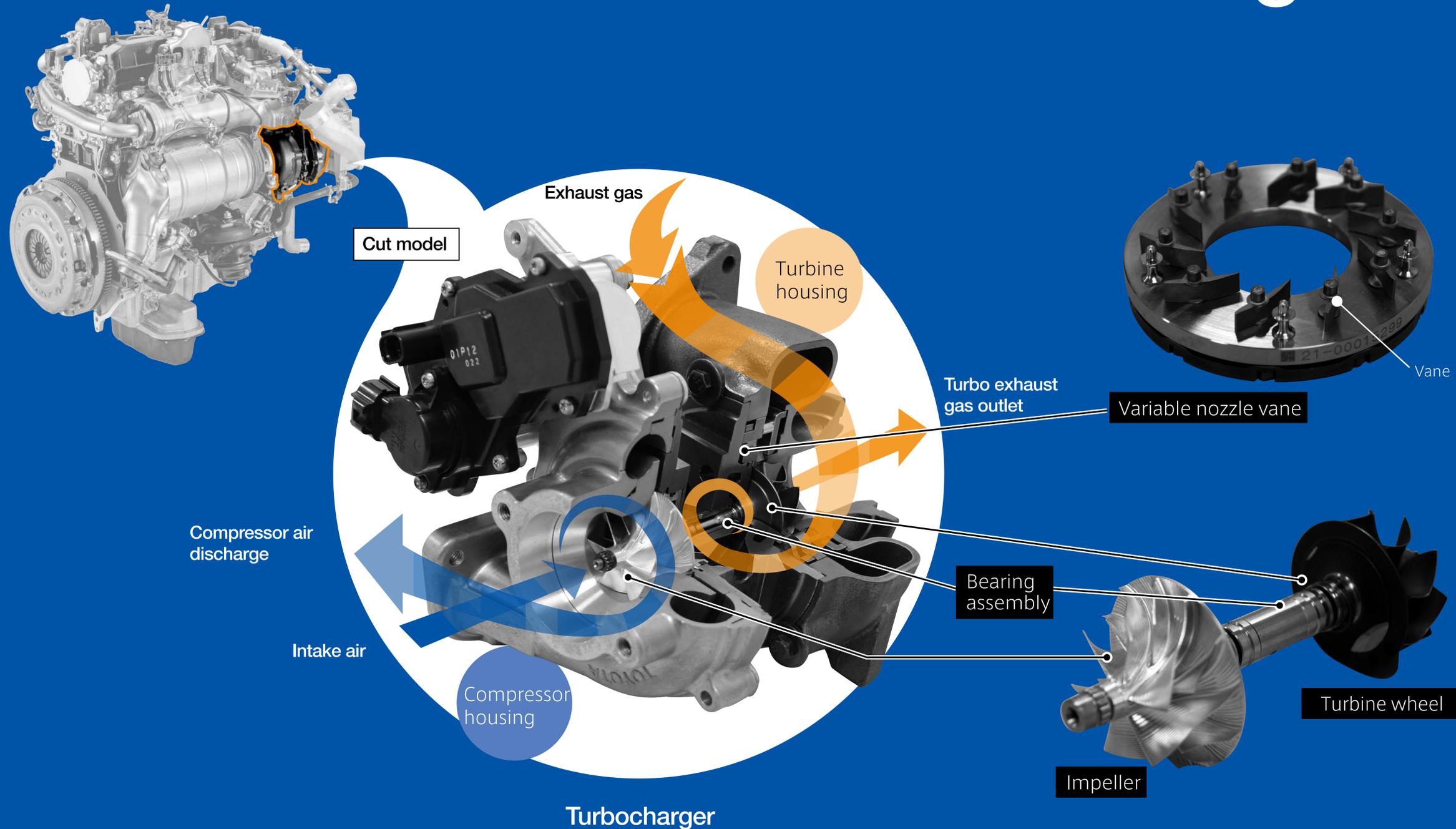


- A turbocharger model optimized for GD engines developed by an experienced engine manufacturer.
- Wide range turbo-charging through the use of the variable nozzle.

# Turbocharger



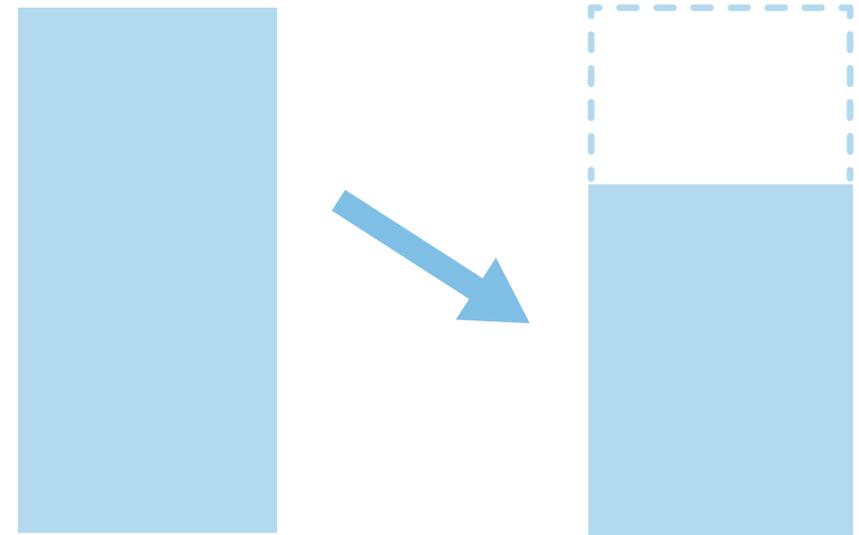
# Mechanism of turbocharger



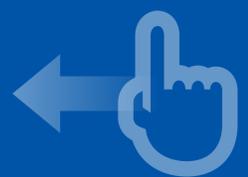
# 300

%

# smaller design



- Approx. 30% smaller design compared with the conventional turbochargers allows easier installation.



# Turbocharger

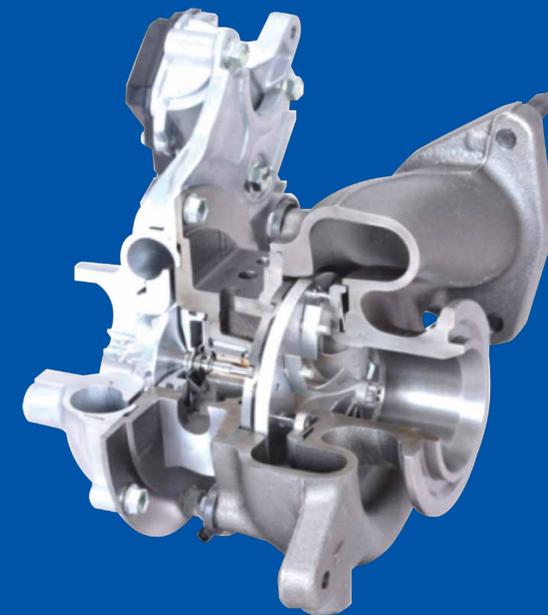


# 500%

improvement  
in responses



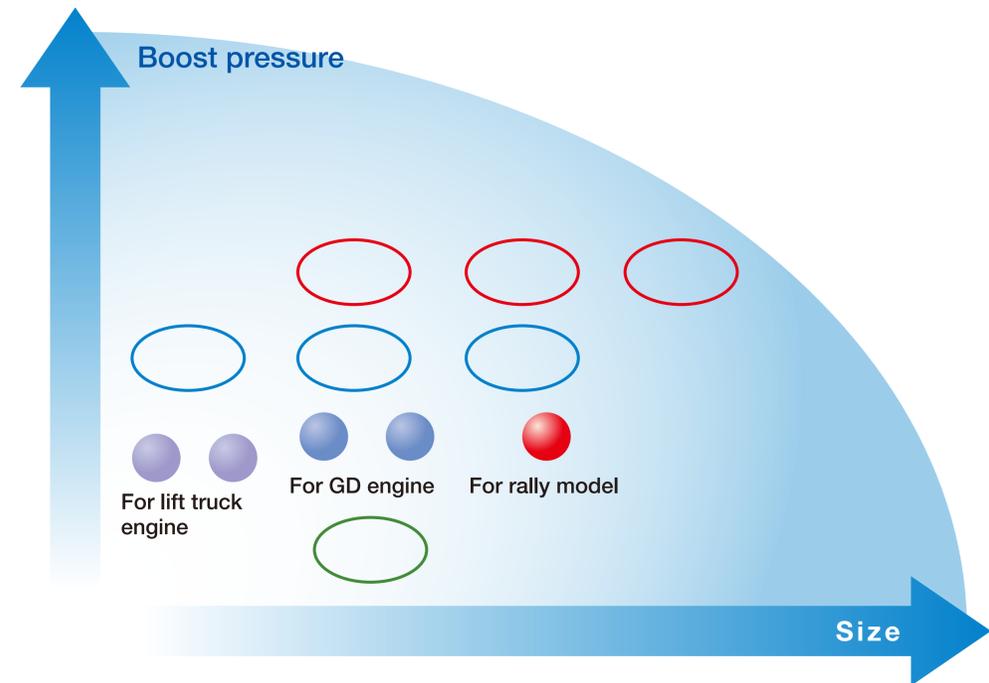
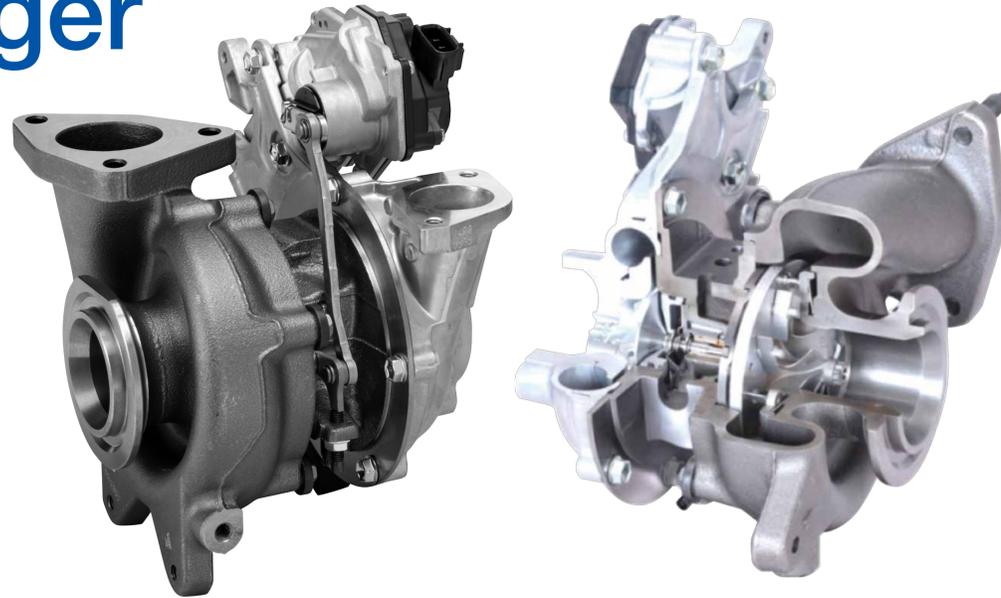
- The compact and optimized aerodynamics design realizes approx. 50% improvement in transient responses compared with the conventional turbochargers.



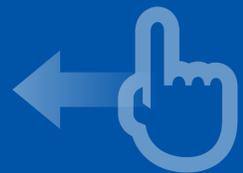
# Turbocharger



# Line up of Toyota Industries turbocharger



- Expanding product range in size and performance according to the engine needs and the market trend.





# Turbocharger Specifications

		1GD	2GD
Turbocharger name		CT8DV	CT7DV
Compressor impeller	method	Full machining	Full machining
	Inlet diameter [mm]	36	32
	Outlet diameter [mm]	48	45
Turbine wheel	Blade shape	Fullback	Fullback
	Inlet diameter [mm]	42	38
	Outlet diameter [mm]	38	35
Variable nozzle vane (VN)	Drive system	Electrically operated	Electrically operated
	Vane support mechanism	Double-sided support	Double-sided support

※It is not specification of rally model.



# Turbocharger

