



**MITSUBISHI  
TURBOCHARGER**

# ***Turbocharger upgrades***

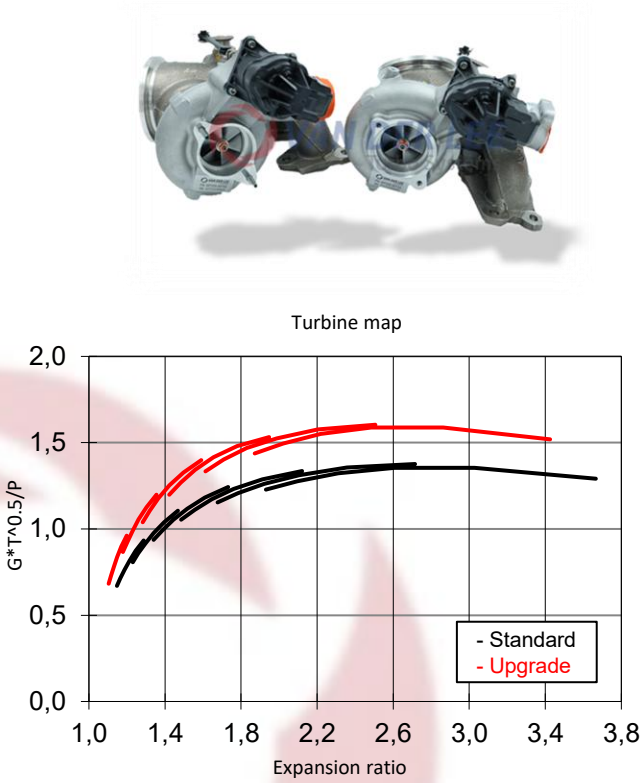
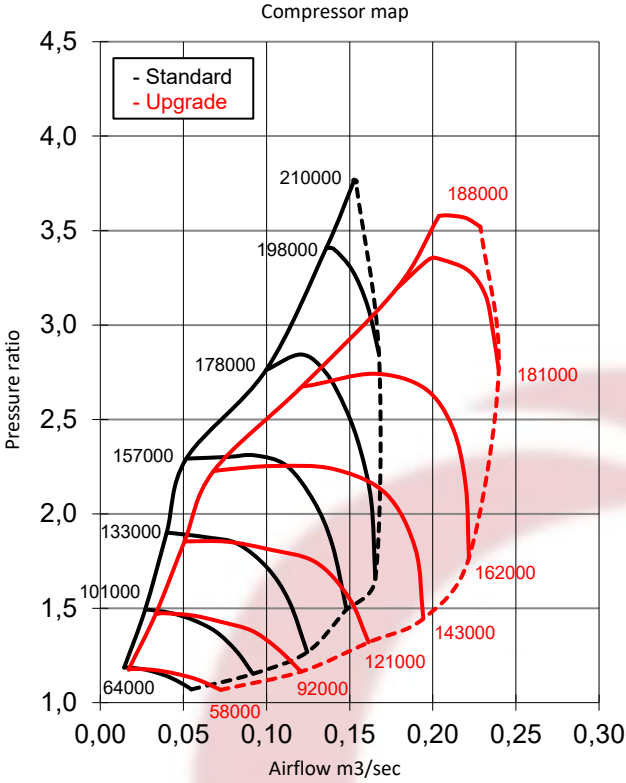
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- Performance & reliability
- Higher– flow, pressure ratio and efficiency compressor and turbine wheels
- Upgraded (thrust) bearings to accompany bigger compressor and turbine wheels
- Direct replacement, plug and play on all connections
- Future upgrades and improvements



MT335-00700 / MT335-00710



	Original	Upgrade
Compressor wheel exducer diameter	51.0mm	56.0mm
Turbine wheel inducer diameter	43.0mm	47.0mm
Bearing system	Standard	Upgrade
Compressor wheel specification	Fully Forged Machined (FFM)	Fully Forged Machined (FFM)
Turbine wheel specification	1050°C Mar-M	1050°C Mar-M
Engine output	202kW(275hp) – 363kW(493hp)	478+ kW (650+hp)



## Description

The Van Der Lee Turbo Systems upgrade turbochargers for the BMW S55 engines have an upgraded compressor and turbine wheel, along with an increased thrust capacity bearing system.

Developed as a drop-in replacement to the original turbochargers. These turbochargers will enable a power output of 650+bhp (with supporting vehicle modifications), through the application of the latest compressor and turbine aerodynamic design for increased flow and efficiency, in a small package.

These turbochargers are tested, validated and currently used on a BMW M3 GTMR, racing a full season of the 24h endurance series without failure.

This set comes standard with inlet pipes.

## Key characteristics

- 56mm forged machined, high flow compressor wheel
- 47mm 1050° C Mar-M, high flow turbine wheel
- Increased capacity thrust bearing
- High-speed VSR balanced CHRA
- 650+bhp

