



**MITSUBISHI  
TURBOCHARGER**

# ***Turbocharger upgrades***

03-09-2025



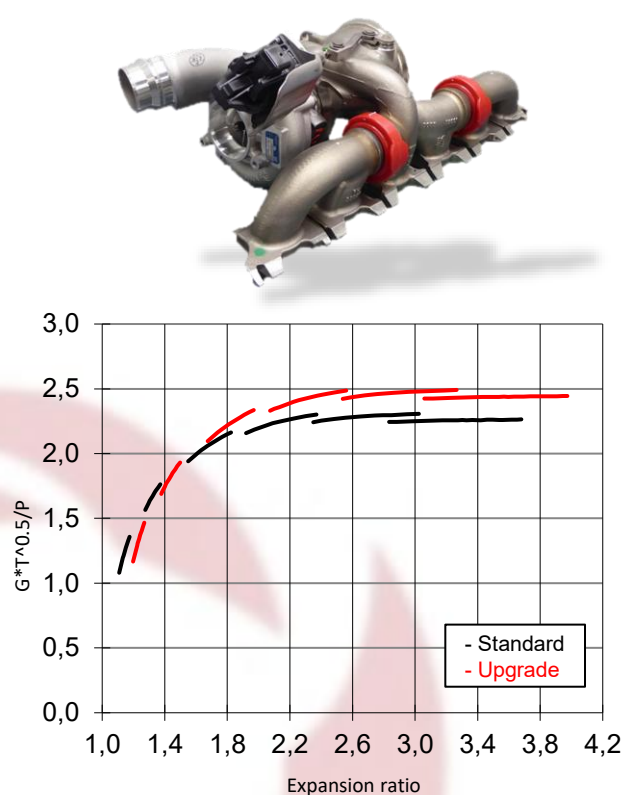
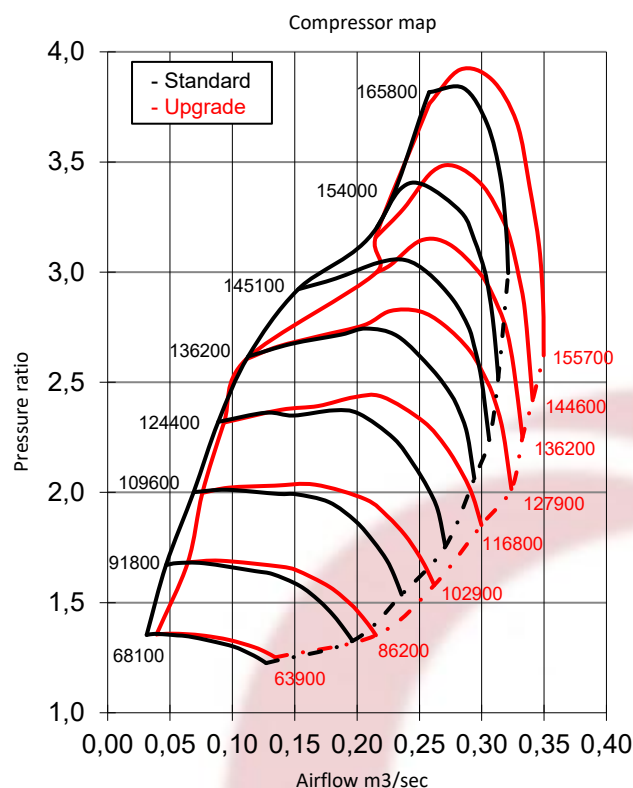
- Performance & reliability
- Higher– flow, pressure ratio and efficiency compressor and turbine wheels
- Upgraded (thrust) bearings to accompany bigger compressor and turbine wheels
- Direct replacement, plug and play on all connections
- Future upgrades and improvements



# BMW B58 (GEN 2)



BW003-01000



	Original	Upgrade
Compressor wheel exducer diameter	63.0mm	67.0mm
Turbine wheel inducer diameter	55.0mm	57.0mm
Bearing system	Standard	Standard
Compressor wheel specification	Fully Forged Machined (FFM)	Fully Forged Machined (FFM)
Turbine wheel specification	1050°C Mar-M	1050°C Mar-M
Engine output	237kW (322hp) – 276kW (375hp)	441+ kW (600+hp)



## Description

The Van Der Lee Turbo Systems upgrade turbochargers for BMW B58 (gen 2) engines have an upgraded compressor and turbine wheel.

Developed as a drop-in replacement to the original turbochargers, these turbochargers will enable a reliable power output of 600+bhp (with supporting vehicle modifications), with an unrivalled transient response and time to torque performance through application of the latest compressor and turbine aerodynamic design for increased flow and efficiency, in a small package.

This turbocharger only uses OEM quality components to guarantee its reliability.

This turbocharger comes standard with an original BMW pipe connection.

## Key characteristics

- 67mm forged machined, high flow compressor wheel
- 57mm 1050° C Mar-M, high flow turbine wheel
- High-speed VSR balanced CHRA
- 600+bhp

