Garrett

ADVANCING MOTION

POWERMAX



DIRECT-FIT.
MAXIMUM POWER.

2014 - 2024 BMW | MINI 2.0L B48

SUPPORTS UP TO 380 BHP | 283 KW

DIRECT-FIT INSTALLATION

Retains the original mounting points and connecitons

PROVEN PERFORMANCE

Improved airflow, power potential and throttle response

TRUSTED ENGINEERING

Meets or exceeds OEM design standards



WHY CHOOSE GARRETT POWERMAX

Built on more than 70 years of turbocharging innovation, the Garrett PowerMax range delivers meaningful performance gains without the complexity of custom turbo systems, bringing trusted engineering to everyday upgrades.

Designed to meet or exceed OEM standards, PowerMax turbos improve airflow, unlock greater power potential, and sharpen throttle response across a wide range of applications, from rugged diesel 4x4s to high-performance gasoline engines.

With a true direct-fit design, PowerMax turbos replace factory units using original mounting points and connections. OEM-style components and calibrated electronics ensure straightforward installation while delivering stronger torque, quicker response, and enhanced performance without compromising durability or reliability.

FLOW INCREASE	POWER CAPABILITY	INSTALLATION	OEM QUALITY
+15%	380 BHP	DIRECT-FIT	ENGINEERING
vs OEM	283 kW	No Fabrication Required	Long-Term Performance

KEY PRODUCT FEATURES & BENEFITS

EASY INSTALLATION & INTEGRATION

Direct-fit, bolt-on performance upgrade with calibrated actuator for hassle-free installation

PROVEN PERFORMANCE GAINS

+15% compressor flow compared to the OEM turbochargers to support up to 380 BHP | 283 kW

OEM-LEVEL QUALITY

Engineered to OEM standards for durability, reliability, and long-term performance



AI-generated visualization. Final product appearance may vary from the images displayed.

APPLICATION DATA

TURBOCHARGER DATA

Kit Part Number	Power	Turbo Model	Comp Inducer	Comp Exducer	Turb Inducer	Turb Exducer
954358-5001S	380 BHP 283 kW	MGT2056	46mm	56mm	51mm	42mm

VEHICLE APPLICATION DATA

Year	Region	Make	Model	Trim	Engine
2014–2021	Global	BMW	2 Series Active Tourer (F45)	220i	2.0L B48 Turbo I4
2014–2024			2 Series Gran Tourer (F46)		
2019-2024			1 Series (F40)	120i	
2015–2022			X1 (F48)	sDrive20i / xDrive20i	
2018–2023			X2 (F39)		
2014–2024		MINI	Hardtop 4-Door (F55)	Cooper S	
			Hardtop 2-Door (F56)		
2016–2024			Convertible (F57)		
			Countryman (F60)	Cooper S / Cooper S ALL4	
2019–2024			Clubman (F54)	Cooper S	2.0L B48TU Turbo I4

PART NUMBER CROSS REFERENCE

OEM Part Numbers	Garrett OES
8631901-05	852606-5005S
8631901-08	852606-5013S
8631901-09	852606-5015S
9845811-01	894019-5001S
9845811-02	894019-5002S
9845811-03	894019-5003S
9845811-04	894019-5004S
9845811-06	894019-5006S
9845811-07	919437-5001S

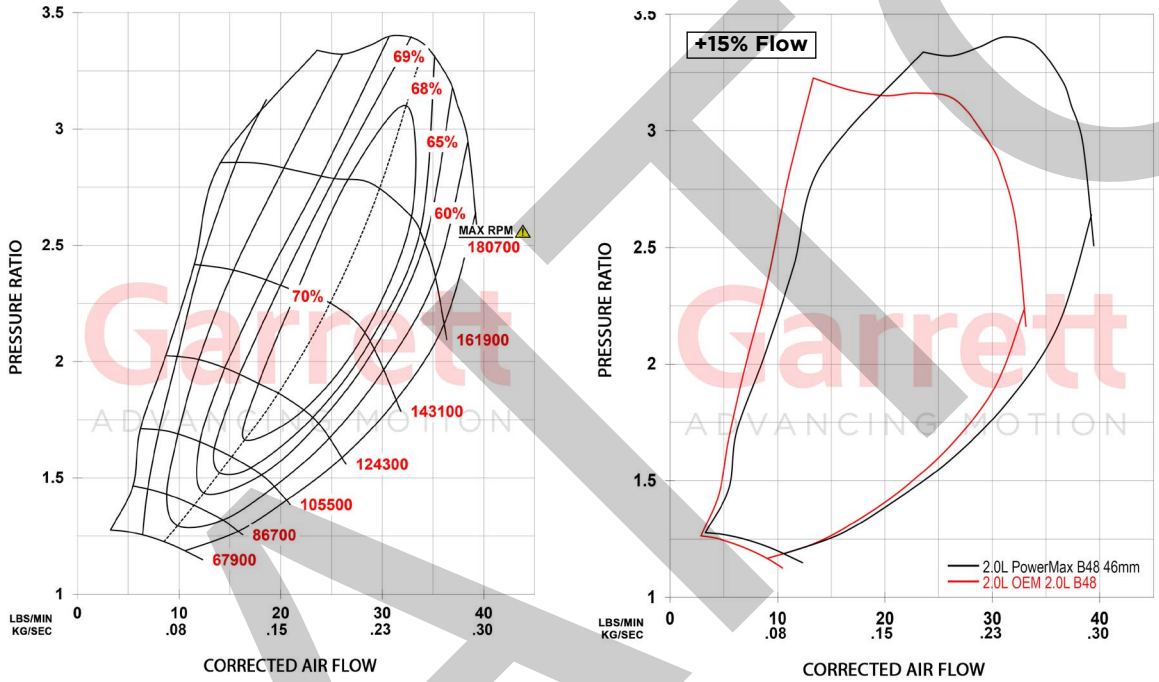
SAMPLE

COMPRESSOR PERFORMANCE

+15% compressor flow compared to the OEM turbocharger can support up to 380 BHP | 283 kW. The horsepower capability referenced for this product is based on laboratory compressor flow testing and represents the total performance capability of the turbocharger itself. Actual performance results will vary depending on vehicle configuration, supporting modifications, and ECU tuning or calibration.

The compressor map overlay illustrates the airflow and pressure ratio differences between the OEM and PowerMax products. In key operating regions, the PowerMax compressor provides increased airflow capability at comparable pressure ratios, expanding the usable operating range and supporting higher horsepower potential where engine demand allows. To fully realize these gains, ECU calibration is necessary to optimize performance when upgrading a turbocharger.

Compressor Map



⚠**WARNING** The use of this product above max turbocharger speed of 180.7K RPM is at the owner's risk, and can result in damage and premature failure.

GENUINE GARRETT PRODUCTS
Trust in the quality, performance, and reliability of authentic Garrett products.

EXPERT TECHNICAL SUPPORT
Access knowledgeable specialists ready to help with product selection and fitment.

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