



POWERMAX™ DIRECT FIT PERFORMANCE TURBOCHARGERS

Application: Stage 1 & 2 TURBO UPGRADE FOR VW / Audi 2.0L TSI 2014+

Part Number: Stage 1 898199-5001W | Stage 2 898200-5001W

Garrett PowerMax™ turbocharger upgrades for the Volkswagen and Audi 2.0L TSI engine platform is engineered to increase engine performance while maintaining OEM installation specifications. Stage 1 (485 BHP*) and Stage 2 (600 BHP*) upgrades maximize efficiency and air flow compared to the OEM turbocharger. High temperature, Mar-M alloy turbine wheel and twin scroll stainless steel turbine housings are rated for up to 1050° C. These turbochargers are fully assembled with a calibrated electronic actuator and ancillary components for direct OEM fitment.

**Please refer to the legal notice on page 82 before purchasing this product.*

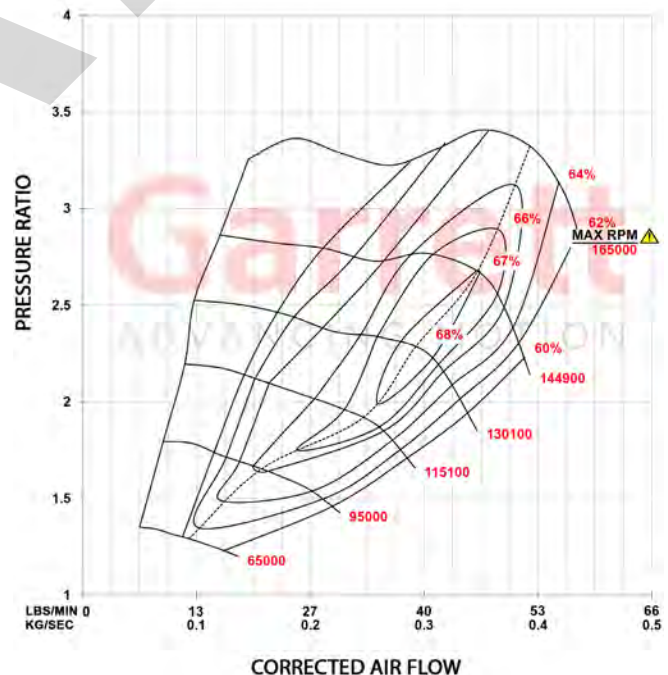
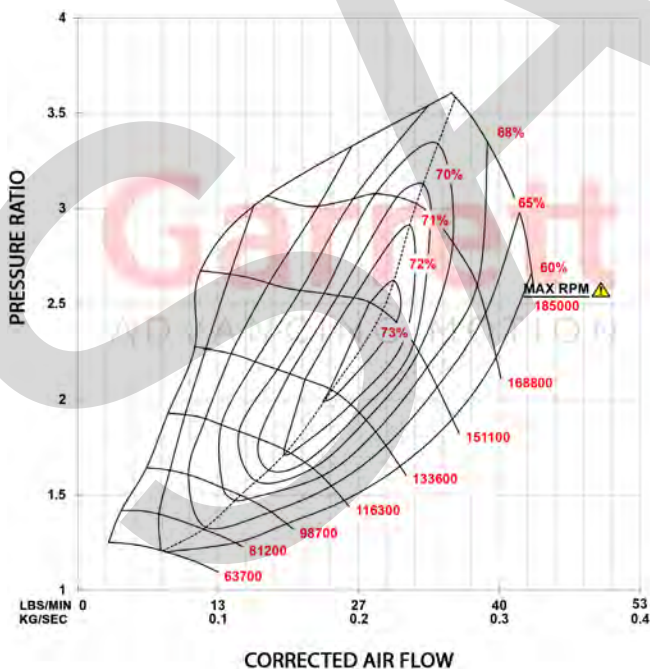
Part Number	Stage	Power	Model	Comp Ind	Comp Exd	Turb Ind	Turb Exd
898199-5001W	Stage 1	485HP 362kW	GT2260S	47mm	60mm	50mm	45mm
898200-5001W	Stage 2	600HP 447kW	G25-660	54mm	67mm	54mm	49mm

Stage 1 Features:

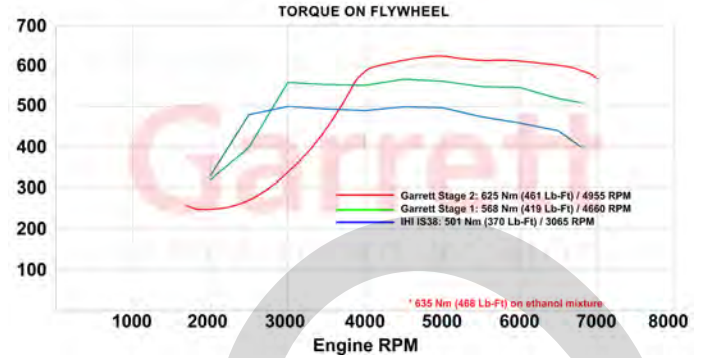
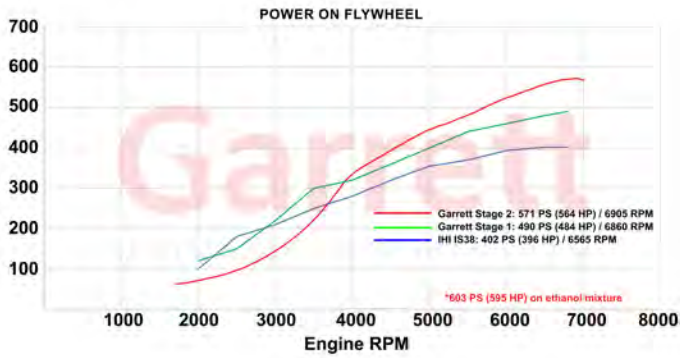
- Direct-fit stage 1 with 485HP | 362kW (flywheel) power capability (on-vehicle results)*
- Complete assembly with electronic actuator
- +17% compressor flow compared to IS38 turbo (stock Golf R)
- GTX Gen II compressor aerodynamics
- Mar-M alloy turbine wheel and twin scroll stainless steel turbine housing rated up to 1050° C
- Latest generation of journal bearing rotating group with 360° reinforced thrust bearing

Stage 2 Features:

- Direct-fit stage 2 with 600HP | 447kW (flywheel) power capability (on-vehicle results)*
- Complete assembly with electronic actuator
- +59% compressor flow compared to IS38 turbo (stock Golf R)
- G Series compressor and turbine wheel aerodynamics
- Mar-M alloy turbine wheel and twin scroll stainless steel turbine housing rated up to 1050° C
- Latest generation of ball bearing rotating group



** Estimated Horsepower. Performance results of this product are highly dependent upon your vehicle's modifications and tuning/calibration. The horsepower numbers represented above are calculated based strictly on choke flow of the compressor map (total turbo capability), which represents the potential flywheel horsepower.



Make	Model	Year	Body & Trim	Engine	OEM Turbo
Audi	TT	2014 +	Base	2.0L L4 - Gas	IS20
Audi	TTS	2014 +	Base	2.0L L4 - Gas	IS38
Audi	A3	2015 - 18	Premium, Premium Plus, Prestige	2.0L L4 - Gas	IS20
Audi	A3 Quattro	2015 - 18	Premium, Premium Plus, Prestige	2.0L L4 - Gas	IS20
Audi	S3	2015 - 18	Premium Plus, Prestige	2.0L L4 - Gas	IS38
VW	Golf	2015	S, SE, SEL, Launch Edition	2.0L L4 - Gas	IS12
VW	Golf GTI	2015	Autobahn, S, SE	2.0L L4 - Gas	IS20
VW	Golf R	2015	Base	2.0L L4 - Gas	IS38
VW	Golf	2016	Base, S, SE, SEL	2.0L L4 - Gas	IS12
VW	Golf GTI	2016	Autobahn, S, SE	2.0L L4 - Gas	IS20
VW	Golf R	2016	Base	2.0L L4 - Gas	IS38
VW	Golf	2017	S, Wolfsburg Edition	2.0L L4 - Gas	IS12
VW	Golf Alltrack	2017	S, SE, SEL	2.0L L4 - Gas	IS12
VW	Golf GTI	2017	Autobahn, S, SE	2.0L L4 - Gas	IS20
VW	Golf R	2017	Base	2.0L L4 - Gas	IS38
VW	Golf	2018	S, SE, SEL	2.0L L4 - Gas	IS12
VW	Golf Alltrack	2018	S, SE, SEL	2.0L L4 - Gas	IS12
VW	Golf GTI	2018	Autobahn, S, SE	2.0L L4 - Gas	IS20
VW	Golf R	2018	Base	2.0L L4 - Gas	IS38
Audi	TT	2014-2018	Base	2.0L L4 - Gas	IS20
Audi	TT Quattro	2014-2018	Base	2.0L L4 - Gas	IS20
Audi	TTS Quattro	2014-2018	Base	2.0L L4 - Gas	IS38
Audi	S3	2013 - 16	Base	2.0L L4 - Gas	IS38
Audi	S3 (facelift)	2016 - 17	Base	2.0L L4 - Gas	IS38
Audi	SQ2 Quattro	2018-2020	Base	2.0L L4 - Gas	IS38
Seat	Leon Cupra	2014-2016	Base	2.0L L4 - Gas	IS20
Seat	Leon Cupra	2014-2018	280, 290	2.0L L4 - Gas	IS38
Seat	Leon Cupra (facelift)	2018-2020	290, 300, R	2.0L L4 - Gas	IS38
Cupra	Ateca	2018-2020	Base	2.0L L4 - Gas	IS38
Skoda	Octavia RS	2013-2016	Base	2.0L L4 - Gas	IS20
Skoda	Octavia RS (facelift)	2017-2020	Base	2.0L L4 - Gas	IS20
Skoda	Superb 4x4	2015-2019	Style, Ambition, SportLine	2.0L L4 - Gas	IS38
VW	Golf GTI	2013-2016	Base, Performance	2.0L L4 - Gas	IS20
VW	Golf R	2013-2016	Base	2.0L L4 - Gas	IS38
VW	Golf GTI	2016	Clubsport	2.0L L4 - Gas	IS38
VW	Golf GTI (facelift)	2017-2019	Base, Performance	2.0L L4 - Gas	IS20
VW	Golf GTI (facelift)	2019	TCR	2.0L L4 - Gas	IS38
VW	Golf R (facelift)	2017-2019	Base	2.0L L4 - Gas	IS38
VW	Passat 4MOTION	2018-2019	Base, Highline	2.0L L4 - Gas	IS38
VW	Arteon 4MOTION	2018-2020	Elegance, R-Line	2.0L L4 - Gas	IS38

OE Turbocharger Part Numbers

IS12	06K124713L
IS20	06K145874M
IS38	06K145722H

European Applications



WARNING: Maximum allowable turbocharger speed is 185krpm (Stage 1) and 165krpm (stage 2). The use of this product above max turbocharger speed is at the owner's risk, and can result in damage and premature failure. To protect the turbocharger from overspeed when operating, a speed sensor port is machined into the compressor housing for the fitment of speed sensor part numbers 781328-0003 (includes sensor and gauge), and 781328-0004 (includes speed sensor). Speed sensors sold separately.