

S276 - DATA SHEET

VAG 2.0L TSI/TFSI (EA888 GEN3)

Hybrid Turbocharger

Stage 1 - 480bhp

Stage 1 performance turbocharger upgrade for VAG 2.0L TSI/TFSI (EA888 Gen3) engines, capable of supporting up to 480 bhp.*

Designed, developed and manufactured in-house at Turbo Technics.

Direct fit for a straightforward installation.

Specification

- TT designed T36 billet compressor wheel
- Bespoke TT designed turbine wheel, small trim for increased response
- Compressor housing CNC re-profiled for upgraded compressor wheel, including increased inlet bore diameter to match TT inlet adapter
- Standard turbine housing profile retained to aid response
- Bespoke TT designed bearing pack and shaft system upgrade, for reliability under increased loading
- Journal and stub shaft diameters increased
- Bespoke TT designed journal bearing
- TT designed reinforced 360° thrust bearing assembly, with pressure-fed thrust pads
- TT designed bearing housing, cast and machined to suit bespoke bearing pack design
- TT designed billet backplate upgrade, sized to match T36 compressor wheel
- TT designed heatshield to match bearing housing and turbine wheel upgrade, machined from solid stainless steel
- Upgraded high spec turbine oil seal
- Core assembly balanced to high speed on Turbo Technics VSR® balancing machine



Please contact us for current lead times and prices on 01604 705050 or email enquiries@turbotechnics.com

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S276 - Additional Information

The S276 (sometimes referred to as 'V3') is a significant upgrade over the stock IS38 turbocharger, despite being labelled as a 'stage 1' upgrade. Although the standard turbo has been known to reach peak figures as high as 420bhp, it is well known that its reliability is severely compromised above 380bhp. The S276 offers far greater durability right up to its maximum rating of 480bhp, thanks to a bearing and shaft design taken from our larger upgrades, that have proved reliable at much higher power levels. To top it all off, the drivability is largely uncompromised, with some even reporting they find the S276 MORE responsive than the stock turbo under certain conditions.

Supporting Modifications

*Effective operation of the turbo will require the following supporting modifications as a minimum:

- Engine management re-map
- Induction kit or suitable intake upgrade (TT intake hose upgrade recommended)
- Front-mounted intercooler upgrade
- Free-flowing downpipe upgrade (de-cat or sports-cat)

Application Details

Vehicle(s)

Audi – S3
Seat – Leon
Skoda – Octavia/Superb
Volkswagen – Golf

Model Year(s)

2012-2020

Engine Code(s)

CJXC

Manufacturer Part Number(s)

IS38 IHI MQB TURBO



Availability and Purchase

Stock Status: Built to order

This unit is available as a conversion carried out on a customer-supplied unit only.

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