

S264 - DATA SHEET

VAG 2.0L TFSI (EA113)

Hybrid Turbocharger

Stage 3 - 450bhp

Stage 3 performance turbocharger upgrade for VAG 2.0L TFSI (EA113) engines, capable of supporting up to 450 bhp.*

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

Direct fit for a straightforward installation on vehicles equipped with K04 turbocharger from factory (K03 vehicles will require a DV relocation kit).



Specification

- TT designed 'T36' billet compressor wheel
- Full size K16 spec turbine wheel (not cut-down to fit)
- Compressor housing CNC re-profiled to match compressor wheel, with other extensive internal modifications to improve overall compressor system efficiency and increase maximum flow
- K04 turbine housing CNC re-profiled to match turbine wheel upgrade
- Bespoke TT designed journal bearing and shaft system, to integrate K16 turbine into original K04 bearing housing
- Upgraded shaft design with K16 spec journal and stub-shaft diameters for increased durability
- Bespoke journal bearing design, with increased spacing for greater radial loading support
- TT designed 360° thrust bearing assembly
- Extensive bearing housing modifications to incorporate longer journal bearing
- Bespoke backplate machined from billet to match compressor wheel upgrade, and complement compressor housing modifications
- Bespoke heatshield clamp enables use of full size K16 turbine wheel, without compromising on heatshield clamping area
- High-precision clamp ring for accurate alignment and sealing between bespoke backplate, bearing housing, and compressor housing
- 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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S264 - Additional Information

The S264 is arguably the most extensively modified hybrid turbo upgrade that Turbo Technics have ever produced, with many components and processes additional to those found in a typical hybrid. By going the extra mile, TT engineers have been able to develop a specification that provides a significant increase in power, with a sporty, refined delivery.

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
- Front-mounted intercooler upgrade
- Full turbo-back free-flow exhaust system
- Fuel supply upgrade

Application Details

Vehicle(s)

Audi – S3
Audi – Altea/Exeo/Leon
Skoda – Octavia/Superb
Volkswagen – Golf/Scirocco

Model Year(s)

2006-2014

Engine Code(s)

CDL BHZ

Manufacturer Part Number(s)

5304-970-0064

Availability and Purchase

Stock Status: Built to order

This unit is available on exchange, or as a conversion carried out on a customer-supplied unit.

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