

# S270 - DATA SHEET

## FORD FIESTA ST 1.6L ECOBOOST

### Hybrid Turbocharger

### Stage 1 - 300bhp

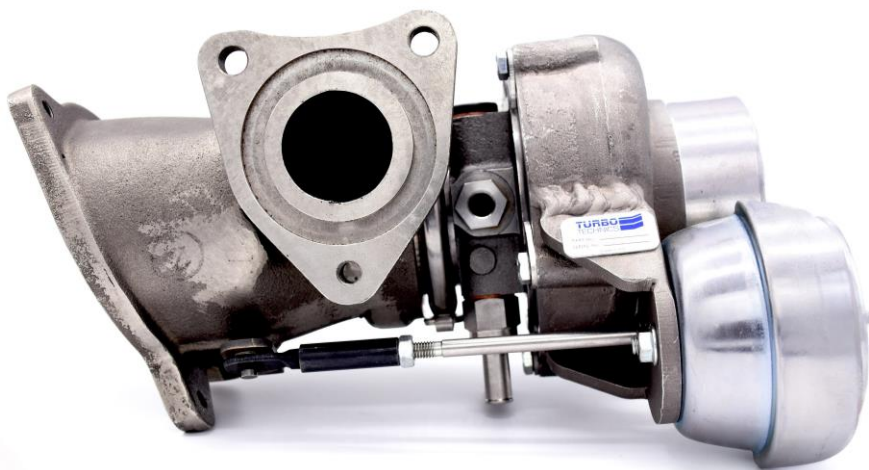
Stage 1 performance turbocharger upgrade for Ford Fiesta ST 1.6l EcoBoost, capable of supporting up to 300 bhp.\*

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

Direct fit with included fitting kit for a straightforward installation.

### Specification

- TT spec large trim K03 billet compressor wheel
- Large trim K03 turbine wheel upgrade
- TT designed compressor housing, with improved internal geometry, increased volute size, and bell-mouth inlet
- Turbine housing CNC reprofiled for upgraded K03 turbine wheel and bearing housing
- K03/K04 journal bearing and shaft system upgrade, for increased durability
- K04 journal bearing with superior oil-feed system
- TT designed 360° thrust bearing assembly
- Bespoke K03 bearing housing upgrade, customised for K04 journal bearing system
- K03 backplate to suit compressor wheel and TT comp housing
- Core assembly balanced to high speed on Turbo Technics VSR ® balancing machine
- Fitting kit includes upgraded intake and boost hoses, upgraded 'hot-side' boost pipe, remote DV mount, replacement water lines, clips, fittings, gaskets, and exhaust studs and nuts



Please contact us for current lead times and prices on 01604 705050 or email [enquiries@turbotechnics.com](mailto:enquiries@turbotechnics.com)

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## S270 - Additional Information

The S270 (previously known as S242) is Turbo Technics' original fast road upgrade for the Mk7 Fiesta ST, but even this first stage of upgrade carries a big spec for an "entry level" hybrid turbo. The stock KP39 supercore is ditched in favour of a higher flowing (and significantly more reliable) TT spec K03 core assembly and larger TT compressor housing. With the re-profiled stock turbifne housing keeping lag to a minimum, the punchy S270 delivers class-leading mid-range performance, and peak power delivery that easily rivals other entry-level competitors.

### 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

### Application Details

#### Vehicle(s)

Ford Fiesta ST 1.6l Ecoboost

#### Model Year(s)

2012-2017

#### Engine Code(s)

JTJA

#### Manufacturer Part Number(s)

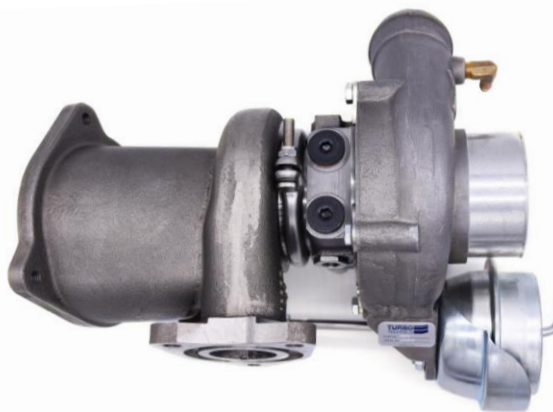
5303-970-0131

### 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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