

S285 - DATA SHEET

FORD FIESTA ST 1.5L ECOBOOST

Hybrid Turbocharger

Stage 1 - 300bhp

Stage 1 performance turbocharger upgrade for Ford Fiesta ST 1.5l EcoBoost, capable of supporting up to 300 bhp.*

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

Direct fit for a straightforward installation.



Specification

- Larger TT spec billet compressor wheel upgrade, with extended tips
- Larger TT spec high-flowing turbine wheel upgrade
- Significant modifications to compressor housing, including advanced machining for 'anti-surge ports', CNC re-profile to match upgraded compressor wheel, and bell-mouth intake tract
- Turbine housing CNC re-profiled for larger turbine wheel upgrade
- All new bearing and shaft system, designed specifically for this application
- Journal and stub shaft diameters increased for greater durability
- TT designed bespoke journal bearing
- TT designed 360° thrust bearing assembly
- Bearing housing modified for TT turbine and heatshield design
- TT designed seal plate to match compressor wheel upgrade, machined from billet
- TT designed upgraded heatshield and clamp arrangement to suit turbine wheel upgrade
- Modified compressor clamp disc to match TT seal plate
- Core assembly balanced to high speed on Turbo Technics VSR ® balancing machine
- A gasket kit is available for this unit for an additional charge



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

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S285 - Additional Information

The S285 is a beautifully well-rounded upgrade for Ford's impressive Mk8 Fiesta ST. In addition to the bespoke rotor upgrades, Turbo Technics have developed a new bearing and shaft system specifically for this application, and heavily modified the compressor housing to include 'anti-surge ports' for greater compressor stability. The result is a highly sophisticated hybrid turbocharger upgrade that feels just as refined as the original, whilst delivering performance in spades.

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 1.5l Ecoboost

Model Year(s)

2018 ON

Engine Code(s)

DRAGON

Manufacturer Part Number(s)

JA6G6K682AC



Availability and Purchase

Stock Status: Built to order

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

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