

## Why choose Melett Turbochargers?

Melett is the market leader for precision engineered turbocharger parts and is renowned for producing OE quality parts to help the turbo aftermarket produce the highest quality repairs. The same commitment to engineering excellence has been applied to produce Melett complete turbochargers, providing a cost effective alternative to a new OE turbocharger.

- + Engineered in the UK to match the OEM design
- + Manufactured to Melett quality standards
- + Built, balanced and flowed in the UK by Melett
- + Providing a solution where no repair option exists
- + Restart the repair cycle by retaining the exchange turbo

For more information on our turbo programme please visit: [www.melett.com/turbo](http://www.melett.com/turbo)  
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# ABSOLUTE ACCURACY



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**melett**  
TURBOCHARGERS

The trusted brand for the Aftermarket

# Melett Turbochargers

To further support the professional turbo repair industry, Melett's range of precision engineered turbochargers provide a quality, yet cost effective alternative to a new OE turbocharger.



## Why has Melett introduced complete turbochargers?

We continue to recognise that our customers are not able to repair every turbo requested by their customers. Certain applications are often destroyed beyond repair, good quality old core may be unavailable or very expensive and complexities with electronic actuation can mean that a repair solution is not possible. When the need arises for a new turbo, Melett Turbochargers allow the repairer to offer a premium brand turbo as an alternative to an OEM turbo.

## What applications are available?

Our aim is to produce the turbochargers our customers require and in particular turbos our customers are unable to repair. A critical part of this will be feedback from our customers and from the market, which will drive our new product development programme.

## Are REA/SREA turbochargers available?

Our range includes electronically actuated turbos. We have spent many years working closely with industry automotive experts to develop our electronically controlled actuators. There are different configurations offering analogue or digital communication to the vehicle's ECU, the digital option also uses PWM and CAN bus control interfaces.

Melett actuators have been subjected to extensive vibration, environmental, thermal cycle and electromagnetic interference testing. The Melett REA/SREA actuators are also available separately offering a robust, yet cost effective alternative to the OE product. Our actuators benefit from the original motor, a higher temperature capability and a stronger black cap, offering increased durability. We will continue to develop our range of turbochargers with REA/SREA as required by the market.

## What makes a Melett Turbocharger different?

By servicing the aftermarket, we not only benefit from analysing turbo failures we also benefit from future knowledge of the latest technologies. Combining this knowledge with expertise allows us to correct inherent design issues and also upgrade old turbo designs.

Melett Turbochargers are manufactured to Melett drawings, created by our in-house engineering team, and the majority of parts are produced on Melett owned and controlled tooling.

During the development stage, our turbochargers undergo extensive in-house and vehicle testing to assure performance and durability levels. Vehicle testing includes validating engine emissions, torque, power, transient response and fuel economy, ensuring every Melett Turbocharger matches the OE specification. Built to the strictest quality standards, all Melett Turbochargers are balanced and flowed in our dedicated UK production facility.

## Are the gaskets included?

Full fitting kits are included with each Melett Turbocharger, including stainless steel gaskets (turbine), fibre or metal-rubber gaskets (oil) and copper washers, studs and nuts, where necessary. We also offer an extensive range of competitively priced, OE quality gasket kits, covering over 3000 applications. Available to be purchased individually, the gasket kits are in stock and ready for delivery.

