

The new turbochargers from Continental.

Powerful boosters for increased engine performance with fewer emissions.



Original
spare parts

Less is more – this is essentially the goal of modern turbochargers. Through extremely efficient exhaust gas utilization, they ensure that ever smaller engines achieve higher performance with less fuel. **Downsizing saves weight and emissions** and significantly improves responsiveness and drivability throughout the speed range. This makes driving even more fun and is kinder to the environment. As a provider of innovative turbocharger technologies, Continental has been ensuring reliable and contemporary driving comfort since 2011.

How turbochargers work:

The exhaust gases from the engine drive a turbine, which is connected to a compressor by a shaft. The turbine converts the thermal energy of the hot exhaust gases into drive energy for the compressor. As a result, ambient air is drawn in, compressed and fed into the engine via an intercooler. In this way, the compressor increases the fresh air supply and consequently the combustion performance of the engine. A wastegate actuator reliably regulates the charging pressure over the entire operating range.

Original quality makes the difference.

Continental's continuously growing range of high-performance turbochargers is the perfect choice for the aftermarket. Only original parts offer exactly **the same quality as in the new vehicle**, convince users with consistently optimal engine performance and ensure compliance with all applicable emission standards. During assembly, the quality of an original turbocharger shows its very practical side, because the **1:1 precise fit** guarantees a quick and easy replacement.

Turbochargers from Continental have been mass-produced since 2011 and are always the premium choice for **leading first-class drive technology**. More and more major manufacturers rely on the high efficiency of turbochargers, and this has also been officially confirmed again and again. Engines with our turbochargers have already received the **International Engine of the Year award** several times.

New ideas are what drive us.

Continental has been using the most cutting-edge and efficient turbocharger technology for years. For example, one pioneering innovation is the **water-cooled turbine housing made of aluminum**, which was developed in cooperation with the BMW Group. It's almost 30% lighter than conventional turbine housings and offers clear system advantages plus maximum torque, consumption and emissions efficiency:

- › The housing surface stays cooler, eliminating the need for heat protection of adjacent components.
- › The catalytic converter is heated very quickly by the electric wastegate actuator, and at the same time subjected to a lower thermal load thanks to the cooling of the exhaust gas flow.
- › This significantly increases the service life of the turbocharger.

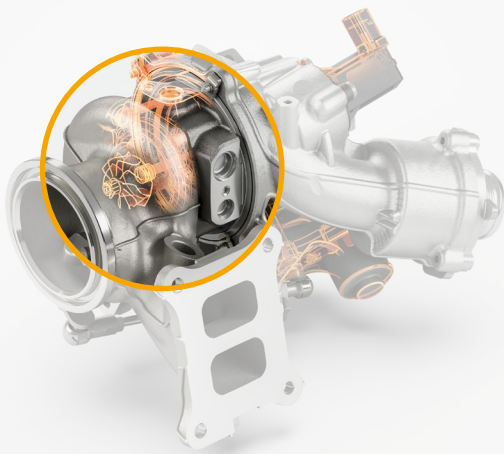
Another milestone is the **RAAX™ turbine technology**. It first went into series production in the Audi A3 and accelerates the response time to torque by over 20%:

- › Due to the novel turbine design, the exhaust gas does not flow in at right angles, but from a radial-axial direction.
- › This modified airflow, in conjunction with significantly smaller turbine blades, reduces the mass moment of inertia by around 40%.
- › The charging pressure builds up much faster and reduces emissions by up to 3%.

What the label says is exactly what you get.

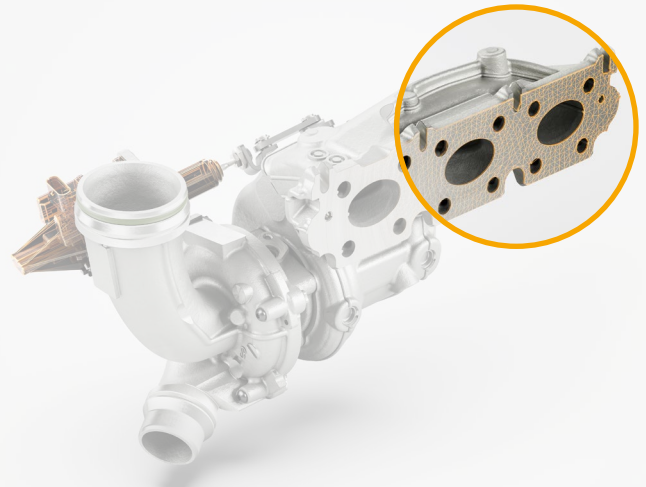
Even Continental's packaging quality is always first-class. The packaging offers optimal protection against drops and impacts, and its design convinces the eye with clear orientation and a **special technology for anti-counterfeiting**. A two-stage security label **with tesa PrioSpot® and MAPP code** enables original Continental products to be identified beyond doubt at any time. Each package is sealed with a quality seal. A QR code on the product label also takes you to the online catalog which has more product information.

Innovative RAAX™ design



The novel turbine design with radial axial air flow significantly shortens reaction times.

Water-cooled aluminum housing



Water cooling enables the use of the lightweight material aluminum and makes the turbine housing almost 30% lighter and significantly more durable.

An overview of all Continental turbocharger models can be found on our website at:

[www.continental-aftermarket.com/
turbochargers](http://www.continental-aftermarket.com/turbochargers)



Our authorized distributors offer you perfect service and support for all Continental turbocharger models. You can find a list of all our partners here:

[www.continental-aftermarket.com/
turbocharger-specialists](http://www.continental-aftermarket.com/turbocharger-specialists)



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