

Explore our Technologies

eBooster[®] – electrically driven compressor

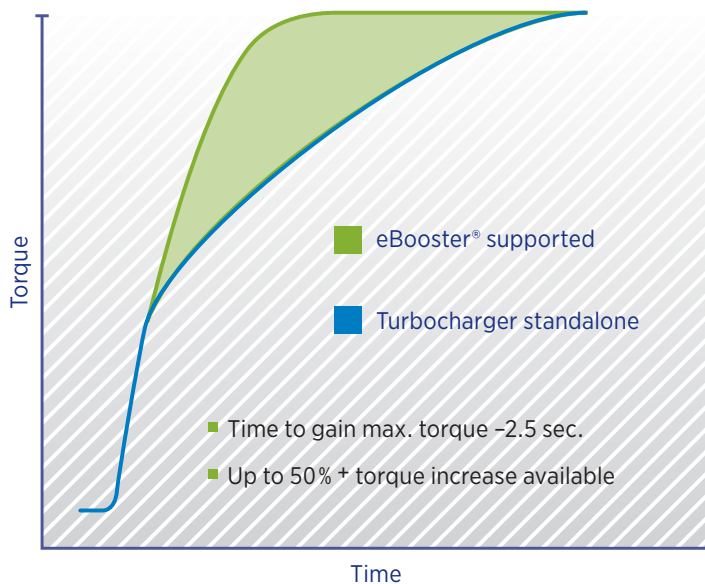
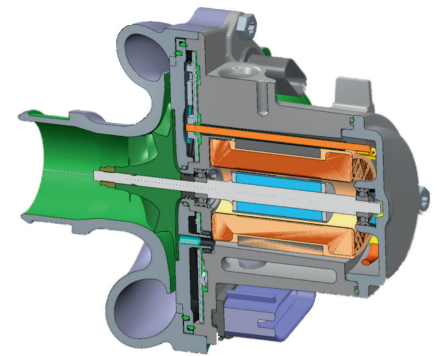
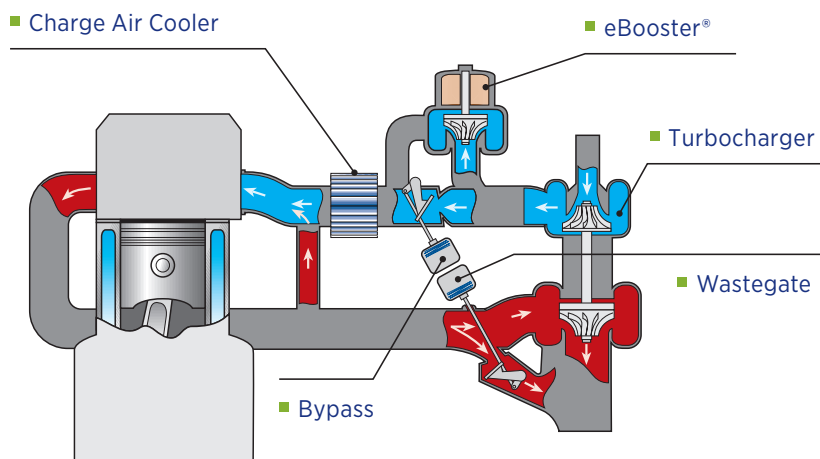
for Passenger Cars

Gamechanger for fuel-efficient gasoline and diesel engines

This electrically assisted charging system uses a flow compressor driven by an electric motor placed as a component before or after the turbocharger.

eBooster® – a fully electric compressor

In contrast to electrically assisted turbochargers, this system works with two stages, i.e. like two turbo-machines connected in series. In doing so, the pressures of the two charging units are multiplied.



Through the use of two perfectly matched flow compressors it is possible to optimally adapt the entire system to the particular purpose and expand its entire power curve.

Technical Features

- Compact design, integrated power electronics
- Bearing technology life lubricated (ball bearing)
- 12V/48V product range
- Solution for Diesel & Gasoline

System Benefits

- Enhanced transient boost response
- Reduced emission level
- Fuel consumption reduction
- Enable for further downsizing
- BorgWarner is system supplier (Turbocharger and eBooster®)

For Additional BorgWarner Information:
borgwarner.com

