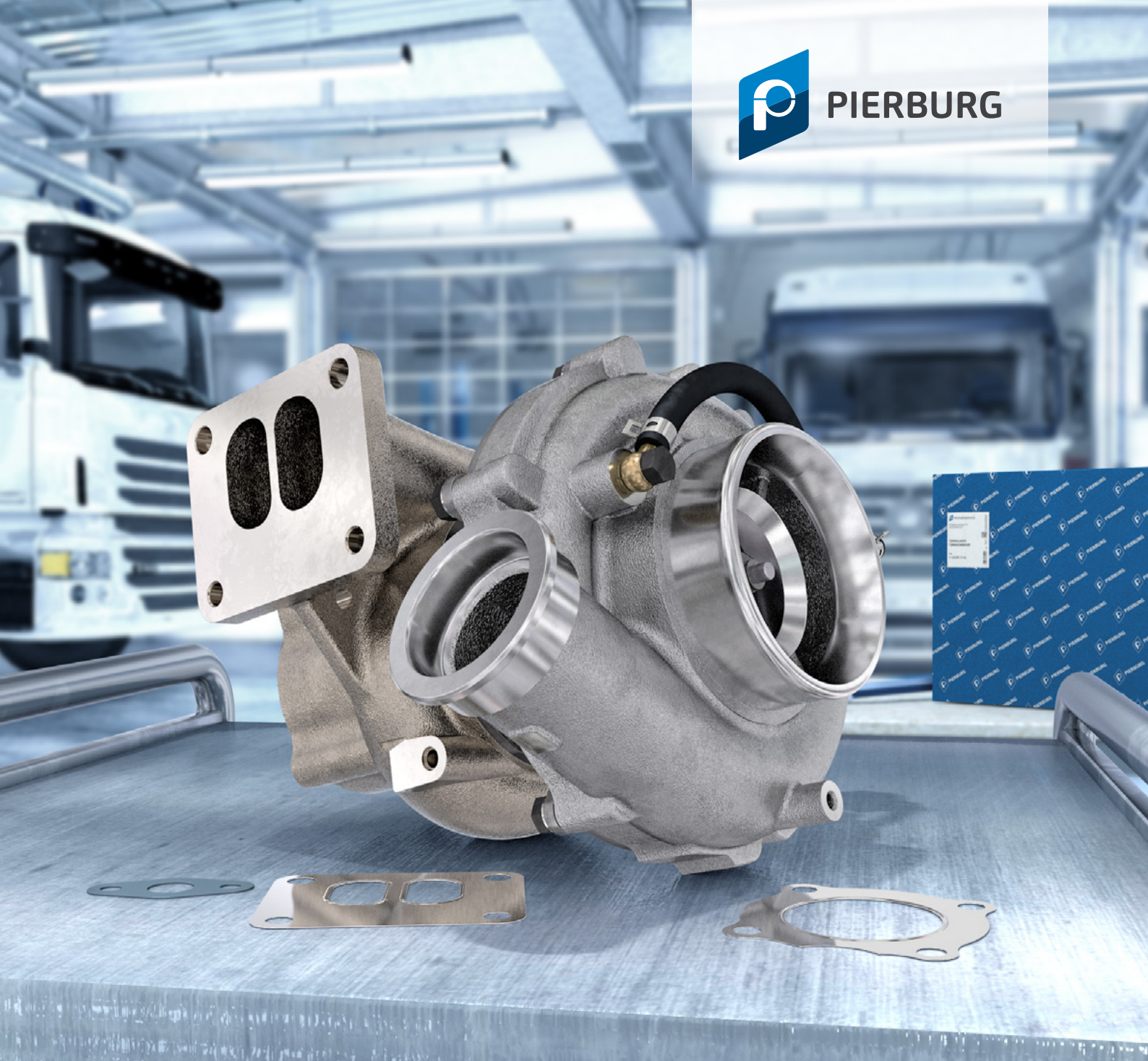




PIERBURG



PRODUCT **RANGE**

TURBOCHARGER FOR UTILITY VEHICLES

BOOST PRESSURE AND POWER ON THE ROAD

Spare parts. Anywhere. Anytime.



MOTORSERVICE

PIERBURG TURBOCHARGERS FOR THE HEAVY-DUTY SECTOR

Motorservice is expanding its product range by adding Pierburg turbochargers for utility vehicles. A defective turbocharger means downtime – and downtime costs money. We ensure that your utility vehicles get back on the road as quickly as possible. Our OEM-quality spare parts ensure maximum performance with minimum fuel consumption.

Turbochargers in utility vehicles, in particular, have to deliver top performance every day. Extreme heat, dust and continuous load put a strain on the material. This is why Motorservice places its trust in uncompromising production quality. Our range offers you new turbochargers for utility vehicles as well as a complete range of accessories from a single source.

We know that every minute counts, both in the workshop and on the road. To make the replacement process as efficient as possible, tailor-made gasket sets for each turbocharger are standard; these ensure that the system runs absolutely reliably and tightly from the very first moment.

Pierburg thus offers a solution that combines high-quality with economic efficiency, particularly for the repair of older vehicles. A unique laser marking on the housing ensures safety and makes every genuine part clearly recognisable.

Key technology aspects:

- **Improved air compression**
By increasing the boost pressure, the efficiency of fuel combustion can be optimised and the engine performance increased.
- **State-of-the-art materials and manufacturing**
Combining high-heat-resistant alloys and the strictest manufacturing tolerances guarantees maximum stability and durability, even under extreme loads.
- **Optimum control**
Dynamic control of the boost pressure ensures ideal engine responses in a wide range of operating conditions.
- **Efficient bearing and coating technology**
Reduced friction and improved heat dissipation increase durability and reliability.

Product range

Our extensive product range includes a wide range of new turbochargers for passenger cars, utility vehicles and off-highway vehicles. In addition, we provide a wide range of accessories and spare parts for all aspects of the turbocharger – all from a single source. Pierburg specialises in the development of high-quality turbochargers that meet the demanding requirements of the market.

Pierburg quality

Pierburg is a specialist in the fields of emission control, air supply and throttle valves. Decades of experience, an innovative approach and recognised expertise in all aspects of engines give Pierburg the ideal background to systematically develop and manufacture future-oriented components, modules and systems. With Pierburg turbochargers, we offer independent workshops outstanding quality and innovation.



Your benefits at a glance:

- **Versatile product range**
High-quality turbochargers suitable for a wide range of engine types in utility vehicles and other applications.
- **Experience and expertise**
Decades of experience ensure the highest quality and reliability.
- **Production according to OE standards**
Production according to the strict stipulations of the original equipment specifications.
- **Use of genuine parts**
Use of original spare parts for maximum compatibility and performance.
- **Gasket sets included**
All Pierburg turbochargers are supplied with matching gasket sets to ensure easy installation.
- **Highest quality standard**
In-house test rigs and calibration machines guarantee consistently high quality standards.



› 4 MILLION VEHICLES

Currently 55 turbochargers
for utility vehicles



BIG SEVEN

DAF, Iveco, MAN, Mercedes-Benz,
Renault Trucks (RVI), Scania
and Volvo



OE QUALITY

1:1 replacement
of OE turbochargers



TESTED INDIVIDUALLY

Every turbocharger is tested
on state-of-the-art test rigs
during manufacture.



DURABILITY

Maximum precision for the
longest service life



REPAIR

Suitable gasket sets are available
for all Pierburg turbochargers.

We provide a comprehensive product portfolio for a wide range of engines – our utility vehicle turbochargers for the aftermarket are listed below:

Item no.	Manufacturer	OE ref. no.*	Engines
7.15107.13.0	DAF	1840579	MX 300
7.15107.01.0	Iveco	4033317	F3AE3681B STRALIS
7.15107.23.0		5801723499	F4AFE611A EUROCARGO
7.15107.24.0		3592853	F3BE0681 TRAKKER
7.15107.25.0		3596693	F3BE0681 TRAKKER
7.15107.48.0**		504205349	Daily IV 3.0 F1C
7.15107.49.0**		5801894252	F1CE3481L
7.15107.05.0		51091019225	D 0836 TGM I 18.250
7.15107.10.0		51091007538	D 2866
7.15107.11.0	51091009629	D 2066	
7.15107.15.0	3599883	D 2066 LF 0335.350	
7.15107.18.0	4032722	D 2066 TGS I 40.430	
7.15107.21.0	51091009965	D 2066 TGA 26.430	
7.15107.26.0	MAN	4033221	D 2866
7.15107.27.0		51091009896	D 2676 Series
7.15107.28.0		51091019023	D 2676 Series
7.15107.29.0		51091007970	D 2676 Series
7.15107.30.0		51091017231	D 2676 Series
7.15107.32.0		2836327	D 2866 Series
7.15107.33.0		4033216H	D 2876 Series
7.15107.34.0**		4033200	Series D 0826
7.15107.00.0	Mercedes-Benz	A0070964699	OM 541.940 Actros
7.15107.04.0		A9040966399	OM 904.909 Atego
7.15107.09.0		A906096219980	OM 906.910 Atego (only BorgWarner)
7.15107.12.0		009096019980	OM 541.974 Actros
7.15107.16.0		A4710965599	OM 471.900 Actros
7.15107.17.0		A4710965999	OM 471.900 Actros MP4
7.15107.20.0		A4700960899	OM 470.906 Actros MP4/MP5
7.15107.41.0		A0080961799	OM 942.911

All content including pictures and diagrams is subject to change. For assignment and replacement, refer to the current catalogues or systems based on TecAlliance. Names, descriptions and numbers of engines, vehicles, products, manufacturers etc. are mentioned solely for the purpose of comparison.

*The reference numbers given are for comparison purposes only and must not be used on invoices to the consumer.

**Coming soon



Item no.	Manufacturer	OE ref. no.*	Engines
7.15107.50.0**	Mercedes-Benz	A9040962399	OM904 Series
7.15107.51.0**		A9040965699	OM904 Series
7.15107.52.0**		A9040969199	OM904 Series
7.15107.53.0**		A9040967399	OM904 Series
7.15107.54.0**		A9240962199	OM924 Series
7.15107.55.0**		817210-5001S	OM906 Series
7.15107.56.0**		A0060967399	OM501 Series
7.15107.57.0**		TBD	OM501 Series
7.15107.59.0**		A0080968199	OM457 Series
7.15107.60.0**		A0080967799	OM457 Series
7.15107.61.0**		A008096509980	OM 457.937 Axor
7.15107.03.0	Scania	3597730	DSC 12.05
7.15107.07.0		2328179	DC 13.107
7.15107.08.0		1423038	DSC 12.05
7.15107.19.0		2057668	DC 13.114 F Series 360
7.15107.22.0		2260316	DC 13.14
7.15107.37.0		0574370	DC 16.024
7.15107.14.0		8112637	D12 A340 FH 12/340
7.15107.39.0		5322447	DXi 11 Series
7.15107.40.0	Volvo	3776572	MD11 Series
7.15107.42.0		850005950	MD13 Series
7.15107.43.0		22479213	MD13 Series
7.15107.44.0		4031173H	FMX500/520
7.15107.45.0		4044319D	MD13
7.15107.47.0**		850006130	DC16
7.15107.64.0**		22880308	MP8, MD13, D13

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**Coming soon

MECHATRONICS FROM PIERBURG –

TAILOR-MADE OFFER, WIDE MARKET COVERAGE



TURBO SPEED SENSORS

Precise speed measurement

The turbo speed sensors detect the exact speed of the compressor impeller or rotor shaft and protect turbochargers from overrevving. In addition, the boost pressure is regulated more quickly and more precisely, allowing optimum use of the engine power depending on the driving situation.



REGULATING THROTTLES

Optimum air flow control

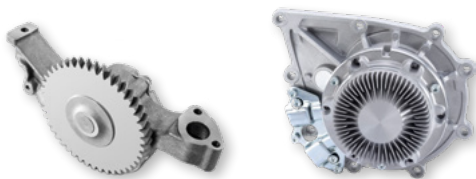
The regulating throttles on a diesel engine creates a vacuum in the intake air system. This vacuum is required to increase and control the exhaust gas recirculation rate. They are also an essential component for regenerating the diesel particulate filter.



NITROGEN OXIDE (NOx) SENSORS

Reducing harmful nitrogen oxides

But high operating temperatures and aggressive exhaust gases make high demands of NOx sensors. NOx sensors are installed as standard in utility vehicles that conform to Euro VI or higher. This is why Motorservice is offering NOx sensors on the aftermarket from its sister company Pierburg, with the reliable quality you associate with original manufacturers.



OIL AND WATER PUMPS

Perfect lubricant and coolant supply

Pierburg develops and supplies oil and water pumps to all leading engine manufacturers and has numerous patents. Building on this know-how, Motorservice offers pumps for a multitude of utility vehicle applications. Benefit from this experience at a fair price/performance ratio.



WATER CIRCULATING PUMPS

Flexible, independent helpers with high temperature resistance

Pierburg water circulating pumps are characterised by a low weight and high media and temperature resistance. They are used wherever cooling or heating functions have to be carried out independently from the engine speed, e.g. auxiliary heating or cooling turbochargers

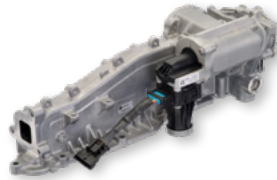
OUR MECHATRONICS IN OE QUALITY HAVE PROVEN THEMSELVES MILLIONS OF TIMES OVER ACROSS THE GLOBE.



EXHAUST GAS FLAPS

Reduce pollutants

Exhaust gas flaps are an important element in modern engines for emission control. They support exhaust gas recirculation, thermal management of the SCR catalytic converters, DPF regeneration and the engine brake. Motorservice's product range includes pneumatic and electric exhaust gas flaps.



EXHAUST GAS RECIRCULATION

For clean combustion

Almost no modern vehicle manages without exhaust gas recirculation. With its EGR valves, modules, coolers and cooler modules, Motorservice covers a wide range of products. The corrosion- and temperature-resistant materials ensure lasting function under the harshest conditions.



EXHAUST GAS SENSORS

Reliable and robust sensor technology

High operating temperatures and aggressive exhaust gases place high demands on various products, such as NOx, exhaust gas temperature, exhaust gas pressure or differential pressure sensors. Choose products from the specialist.



WHEEL SPEED AND TPMS SENSORS

Safe on the road

Wheel speed sensors are among the most important sensors in a vehicle. Their signal serves as an input variable for safety and comfort systems, such as the anti-lock braking system (ABS), electronic stability control (ESC), traction control system (TCS) or in the tyre pressure monitoring system (TPMS).



OIL PRESSURE SENSORS

Optimum and safe engine performance

The oil pressure sensor continuously measures the oil pressure in the engine and sends the information to the engine control unit. The sensor thereby ensures a sufficient oil supply and prevents consequential damage.



SOLENOID VALVES

Small components with a big impact

Solenoid valves are important components for switching and controlling as well as for implementing comfort and safety functions. Place your trust in the OE quality from the market leader Pierburg.

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