

JENBACHER®

GAS ENGINES SERIES 4



Increase the reliability of your Series 4 gas engine with our PowerUP spare parts. Our product line for Series 4 has been carefully developed and expanded. Our products are characterized by long service life, easy maintenance, and high reliability. Our products are continuously developed and improved by our engineers.



PowerUP Piston

suitable for Jenbacher® Series 4



Description

- The high-quality PowerUP piston in the 4 series was developed to improve maintenance work and the cost-effectiveness of overhauls.
- State-of-the-art materials and workmanship offer maximum mechanical strength and reliability in operation.
- Together with our expert partners, we are able to provide special solutions for customized compression ratios on request.



Compatibility

- Can be combined with OEM pistons for maximum flexibility
- Available as a complete piston with rings and pins
- Available for all common compression ratios
- Customized compression ratios available on request

PowerUP Spark Plugs

suitable for Jenbacher® Series 4



Description

- Suitable for Jenbacher® engines of the 4 series
- Mechanical strength during operation and effective heat dissipation are key factors for spark plugs. Our spark plugs have an ideal heat range, thereby increasing the service life and availability of your engine.



Advantages

- Can be operated up to NOx 250 mg/Nm³
- No readjustment required



Compatibility

- Plug-and-Play-Design, no readjustment of ignition timing or boost pressure required
- Available for natural gas and biogas, special approval also available for other types of gas

PowerUP Maintenance parts suitable for Jenbacher® Series 4



Description

- PowerUP covers the entire product range for scheduled and unscheduled maintenance.
- All products for daily operation, such as filters and seals, as well as parts for minor and major overhauls, such as bearings, starters, liners, valves, and actuators, are carefully selected and specified to the highest quality standards.



Availability

- With a stock of over 100,000 items and a storage area of more than 500 m², we can supply you with all the parts you need for daily operations in the shortest possible time.
- Our sales team responds immediately to inquiries and sources items from our well-connected global supply chain if they are not in stock.

PowerUP Blow-by-Filter

suitable for Jenbacher® Series 4



Description

- Our Blow-by-Filter significantly reduces contamination of turbochargers, intercoolers, and combustion chambers, thereby improving the service life and reliability of the entire gas engine.
- Blow-by-Filter with a very long service life



Reliability

- Expected service life of up to 30,000 operating hours
- Guaranteed oil separation rate of 99.98%
- No thermal insulation required
- Compact and vibration-resistant filter design
- Easy to install and maintenance-free



Compatibility

- Plug-and-Play-Design for easy, direct replacement of the filter unit on all Series 4 engines
- Retrofit kits for special designs offer compatibility with all Series 4 engines

PowerUP Cylinder Head Overhaul suitable for Jenbacher® Series 4



Description

- PowerUP offers all necessary spare parts for proper overhaul of Series 4 cylinder heads.
- In addition, PowerUP offers condition-based overhaul of your used cylinder heads by our highly qualified personnel, including complete inspection, reworking of all relevant surfaces, and inspection and replacement or overhaul of critical wear parts.



Advantages

- Cost-effective alternative to replacing the entire cylinder head
- Expected service life of up to 40,000 operating hours
- Reduced valve wear thanks to high-quality valves and seat rings
- Highest reliability standards thanks to crack testing and comprehensive inspection by experts
- Highest cleanliness standards thanks to in-house vacuum washing process



Availability

- Valves, seat rings, springs, and guides are always available from PowerUP

Long-term Supply Agreements (LTSA)

PowerUP offers long-term supply agreements (LTSAs) for maximum flexibility through a strategic combination of parts, repairs, and field service at discounted fixed costs for the term of the agreement. With an LTSA, you have preferential access to the PowerUP parts inventory, field service resources, and technical expertise.

- Jointly defined requirements list
- The annual volume is assumed based on the requirements list
- Special LTSA discounts are granted depending on the order volume
- At the end of each year, the volume is reviewed and an LTSA discount (credit note) is issued.
- This LTSA discount is offset against future LTSA orders

PowerUP Long-term Supply Agreements (LTSA)	Standard service contract based on operating hours
Invoicing takes place at the time the order is placed without any pre-financing costs.	Invoicing is based on operating hours. Payable from the first operating hour. Extensive and costly maintenance work.
Flexible scope of delivery. Parts can be added to or removed from the LTSA at any time with little or no impact.	Fixed scope of delivery. It is not possible to change the scope of delivery, as a removed part has already been partially paid for in advance (invoicing via OPH). This advance payment will be forfeited!
LTSA can be easily adapted to new technologies with, for example, longer service life.	Poor adaptability (billing per operating hour).
No exclusivity.	Strict exclusivity, even for parts where better prices/technologies are available on the market.

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About us

The global collaboration of our team enables us to bring our holistic solution portfolio to life for the benefit of our customers and partners. With our customized service offerings, our customers benefit from higher availability, performance, and efficiency.

Driven by efficiency



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