



Genuine BMW Water Pumps

- **Specifically matched to every engine variant**
- **Produced to high levels of precision and quality**

Function in detail

– The water pump keeps the coolant circulating so that the absorbed heat can be dissipated by flowing through the radiator or to the heating system when needed. It is either driven by the motor via a drive belt or is electrically activated.

Benefits

Specifically matched to every engine variant

Efficiency, operating life, output and acoustics are proven through countless lab tests and on-road testing (winter and summer extreme tests). This ensures optimal performance under all operating conditions.

Processed with high precision and quality

The bearings for Genuine BMW Water Pumps are shaped according to strict quality guidelines and not just pressed in to fit. A precise fit prevents the fan from pulling the bearing out or the bearing clearance not being correct, which would cause the water pump to leak. Equally important is precise control of the maximum permissible imbalance – measured to the thousandth of a gram.

Quality assurance

Genuine BMW Water Pumps pass the most stringent quality tests. This is achieved through the use of high grade materials, guaranteeing a constantly high level of operating safety.

High operating safety even under extreme conditions

The use of high grade sealing compounds ensures reliable performance even under extreme temperature conditions (from approx. -25 °C to +150 °C). Housing and gasket are 100% functional even under these loads!

Active contribution to maintaining vehicle value

Genuine BMW Water Pumps consistently deliver high performance and long operating life under all conditions. They contribute to the reliability and durability of other components in the vehicle.

100 hour continuous test

Genuine BMW Water Pumps are tested for 100 continuous hours to check all important parameters for function and sealing. Even at an engine speed of 7,000 revolutions per minute (+/- 100 revolutions), a temperature of +100 °C (+/- 2 degrees), an intake of 85 kN/sqm (+/- 5 kN/sqm) and a discharge pressure of 215 kN/sqm (+/- 5 kN/sqm), the water pump must still be 100% fully functional and it must not exhibit a water loss greater than 12 grams!





100% return analysis

Returned failed parts are all evaluated (test stand runs and analysis through dismantling) to determine the cause of failure. Quality improvement measures are derived from the knowledge gained through this analysis and are incorporated into future production.

Advantages of Genuine BMW Water Pumps

- Specifically matched to every engine variant
- Fully functional from approx. -25 °C to +150 °C
- Processed with high precision and quality
- Long operating lifetime
- Active contribution to maintaining the vehicle value
- 100 hour continuous test



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