



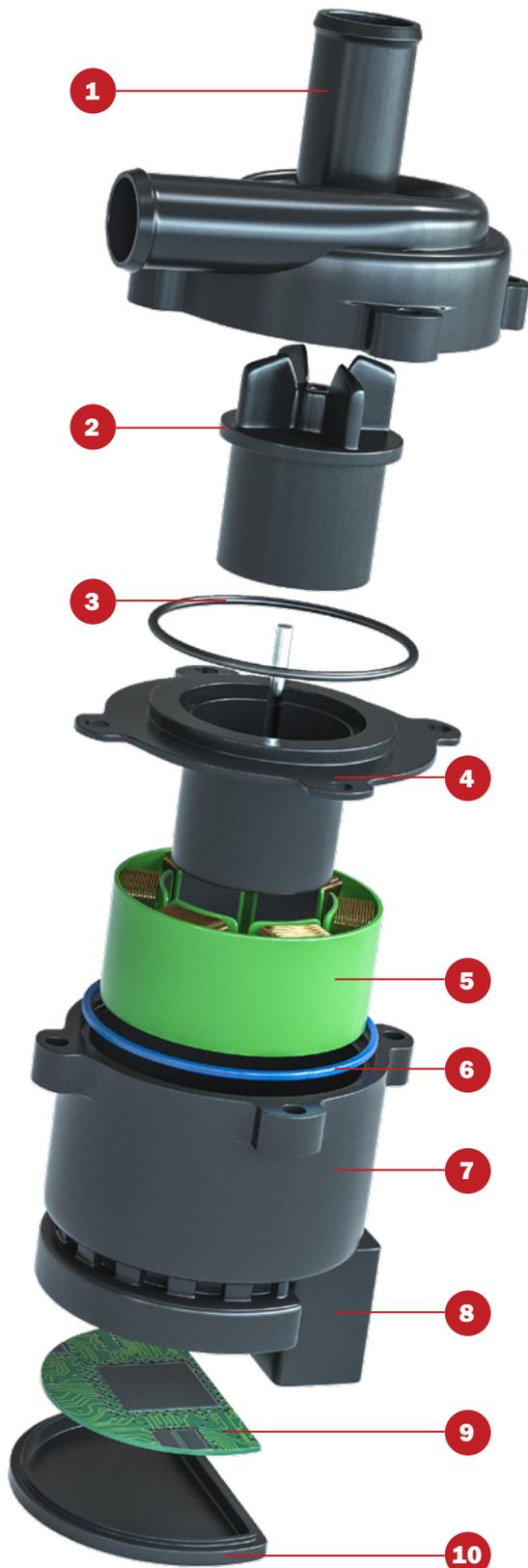
ELECTRIC WATER PUMPS

THE NEXT GENERATION OF PREMIUM WATER PUMPS

Meet the newest member of the Gates water pump family, **e-Cool™**. OE-quality electric water pumps that are strictly equivalent to the original product, both in terms of quality and performance.

Electric water pumps are a part of a growing number of newer vehicles where higher efficiency engines are demanded. Aside from providing standard engine cooling, they reduce engine load and can be controlled by sensors to provide the necessary amount of coolant at any time. Some new vehicles even use up to three pumps for various systems, including cabin heating, turbocharger and battery system cooling. Be prepared and go with Gates!





The image shows just one of many applications

BENEFITS

- Reliable OE quality
- Exact fit and easy installation
- Competitive price
- Optimum coverage

REPLACEMENT

- Electric water pumps have a service interval similar to that of their mechanical counterparts. Go to www.gatestechzone.com for water pump tech tips and information.

APPLICATIONS

- **Cabin heating**
Electric water pumps are used in heating systems to quickly provide a warm and comfortable environment for passengers.
- **Turbocharger system cooling**
It is estimated that 1 in 4 engines is turbocharged. Some systems that are water cooled utilize an electric water pump, fueling a new growth opportunity.
- **Battery cooling**
Hybrid and electric vehicles rely on electric water pumps to protect battery systems that are very costly to replace if overheated. By 2020, it is estimated that 3.8 million hybrid and electric vehicles will be sold every year.

A REPUTATION OF RELIABILITY

- | | |
|---------------------|-----------------|
| 1. Housing | 6. Gasket |
| 2. Impeller | 7. Body |
| 3. Seal ring | 8. Connector |
| 4. Separation cover | 9. Controller |
| 5. Stator | 10. Cover plate |



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