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PRODUCT INFORMATION

3 ELECTRICAL WATER PUMPS FOR ALL TESLA VEHICLES



Motorservice is continuing to expand its aftermarket range for applications in battery-electric vehicles. As an OE pioneer for intelligent products relating to modern vehicle thermal management, Pierburg is expanding its range with three new electrical coolant pumps for Tesla.

These three items from Pierburg can be used to replace all coolant pumps used in Tesla vehicles (Model 3, S, X, Y). This is possible thanks to the all-purpose brackets included in the scope of supply. This means that **14** Tesla products can be replaced with just **3** coolant pumps from Pierburg. In this way, Motorservice is also helping its customer make much more efficient use of their stockkeeping.

As up to five pumps can be installed in the vehicles depending on the application and equipment variant, the three new Pierburg products offer enormous sales potential for the aftermarket.

FEATURES

- For all Tesla vehicles
- In-house development from Pierburg
- Unmistakable blue design
- Long-term validation on the test rig and in the vehicle
- Includes attachment material (brackets, seals)
- ViO (Vehicles in Operation): 4.5 million
- Pumps installed in Tesla vehicles: approx. 11.5 million

All content including pictures and diagrams is subject to change. For assignment and replacement, refer to the current catalogs or systems based on TecAlliance.



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Depending on the model and features, there can be up to five electrical coolant pumps installed in Tesla’s previous vehicles. These are responsible for cooling the electric motors and the respective components, such as the battery and power electronics, in separate cooling circuits.

All of these pumps can be replaced by the two Pierburg items 7.07223.08.0 and 7.07223.09.0.

In addition to the electrical coolant pump, the scope of supply also includes two different brackets. The brackets have several recesses with a clear marking denoting the installation direction. By combining the bulge on the pump with the appropriate recess on the bracket, all installation situations can be easily achieved. Assembly instructions with detailed installation information are included with all three pumps.

Tesla’s more recent vehicles use two pumps in one distribution tank (“Super Manifold”), which in combination with a complex coolant control valve (“Octovalve”) forms a fully-fledged heat pump. Both electrical coolant pumps can be replaced by the Pierburg pump 7.07224.01.0.



Coolant pumps (blue) in Tesla Model 3

Decades of experience and expertise in the development and manufacture of intelligent pumps make Pierburg a globally renowned partner to automotive manufacturers and technology leaders. Pierburg production sites produce over 17 million water pumps for motor vehicles and utility vehicles every year. Motorservice offers a wide range of mechanical and electrical water pumps and water circulating pumps from Pierburg in the aftermarket.

| Pierburg no. | Ref. no. | Vehicle | Model year | |
|---|---------------------|---|------------------|--------------|
|  | 7.07223.08.0 | 1035348-00-G, 1035348-00-D, 1035348-00-F | Model S, X | |
| | | 1037327-00-G, 1037327-00-F | Model S, X | |
| | | 1037328-00-G, 1037328-00-D, 1037328-00-F | Model X | |
| | | 1054529-00-G, 1054529-00-F | Model X | 2012 -> 2021 |
| | | 1490099-00-A | Model S | |
| | | 1057235-00-G, 1057235-00-F | Model S | |
| | | 1057257-01-G | Model S | |
|  | 7.07223.09.0 | 1067473-00-H | Model S | |
| | | 6007373-00-H | Model S | |
| | | 1067473-00-H, 1067473-00-C | Model S | 2012 -> 2021 |
| | | 6007367-00-E, 6007367-00-A, 6007367-00-B, 6007367-00-C | Model S | |
| | | 6008047-00-E, 6008047-00-C | Model S | |
| | | 6007373-00-H, 6007373-00-A, 6007373-00-C, 6007373-00-E | Model S | |
|  | 7.07224.01.0 | 1088245-00-K, 1088245-00-I, 1088245-00-H | Model 3, S, X, Y | |
| | | 1492611-00-A, 1492611-S0-A | Model 3, S, X, Y | |
| | | 1619322-00-C, 1619322-S0-C | Model 3, S, X, Y | 2017 -> |
| | | 1133851-00-G | Model 3, S, X, Y | |