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SPZ_Aureo_WP&RC_MAY15

<i>Water</i> PUMP	<i>Radiator</i> CAP
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Water PUMP



The **water pump** is an integral part of the cooling system and play an important role in circulating of coolant throughout the entire engine and radiator. The water pump is positioned between the engine and the radiator and it is driven by a belt to forcibly circulate the coolant throughout the engine.

The water pump in our car is an essential component that ensure smooth circulation of the coolant throughout the engine thus if the water pump does not function properly, it will result in overheating of the cooling system causing warped head, blown head gaskets and severe wears to other engine parts.

GENTEQ offer a wide range of high quality water pumps manufactured under to the ISO/TS 16949: 2009 certified quality management standard and in accordance to OEM specification. Our manufacturing facilities is capable of handling high production volume and it is flexible enough ensure orders are delivered at the shortest time.

Genteq Water pump Inspection & Validation

Manufacture process :

- First article assurance
- Patrol inspection
- Inspection before warehousing

Parts inspection:

- According to GB2828.1/ISO2859 sampling inspection by features and company's sampling inspection rules.

Inspection items:

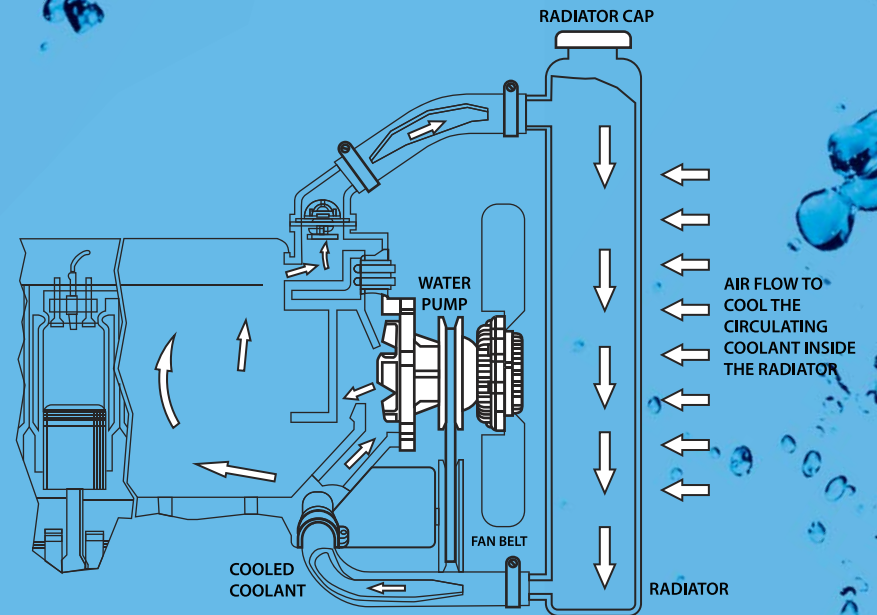
- Materials' chemical components,
- Internal defectiveness detecting
- Physical property test,
- Geometric sizes and geometric tolerance.

Inspection & validation:

- Water pumps performance test
- Water pumps durability test.



Manufactured under
ISO/TS 16949 : 2009.
Certified Quality Management
Standard.



Radiator CAP



- **Anti-Rust**
Stainless Steel
- **100% Silicone Rubber**
Best Price, High Quality, Short Lead Time



Boiling Point

Pressure within a radiator and boiling temperature

Pressure	2.0kg/cm ²	1.9kg/cm ²	1.7kg/cm ²	1.5kg/cm ²	1.3kg/cm ²	1.0kg/cm ²
	122.6°C	120.3°C	115.8°C	111.6°C	107.3°C	100.0°C

Genteq Radiator Cap Cooling Effect

The radiating capability of the radiator is the measured by the difference in temperature between the coolant and the surrounding environment.

The radiator cap increases the pressure within the radiator and thus the coolant's boiling point is greatly increased and the efficacy is improved.

GENTEQ Radiator Caps have a strengthening spring in the main vacuum valve, and can enhance the radiator's cooling effect by setting the pressure appropriately.

This is why it has a greater cooling effect, it raises the boiling temperature of the coolant.

The radiator cap must be compatible with the vehicle cooling system; **GENTEQ** radiator cap range has been carefully researched and engineered to suit each specific application.

