

## WATER PUMP [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

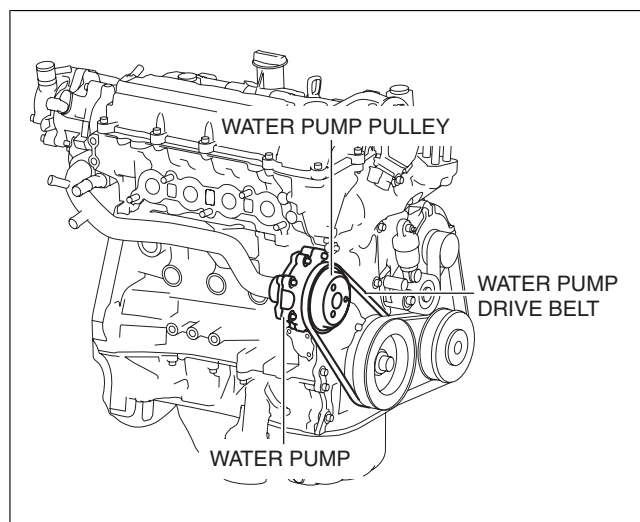
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### Purpose, Function

- The water pump operates by obtaining drive force from the engine via the drive belt to pump engine coolant.

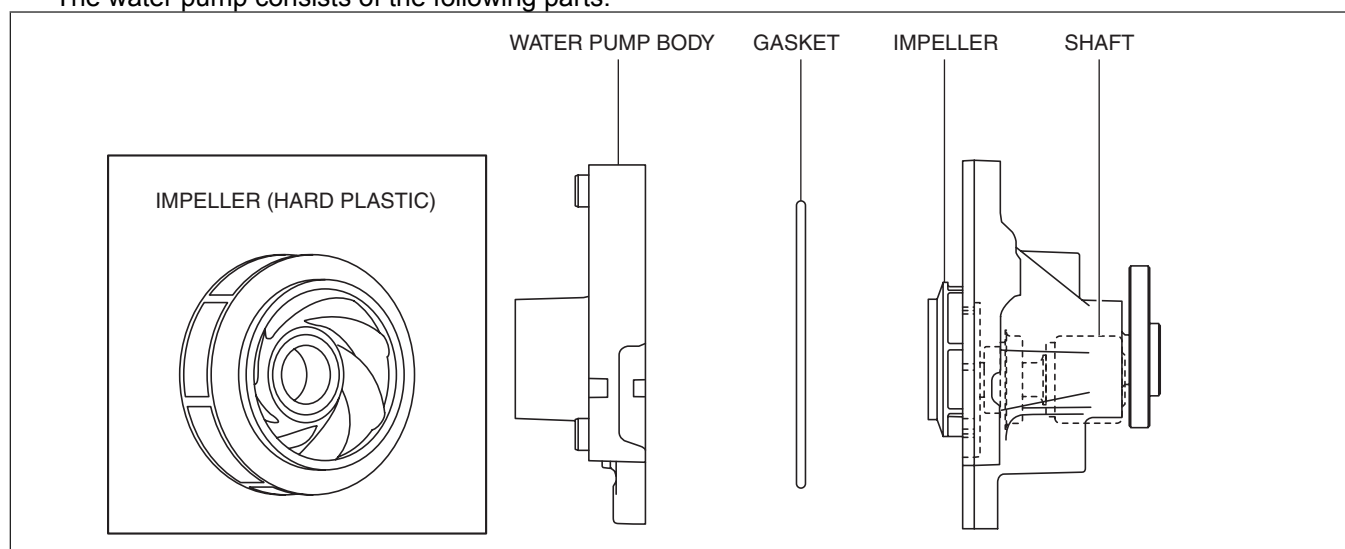
### Construction

- The water pump is installed to the front of the engine.



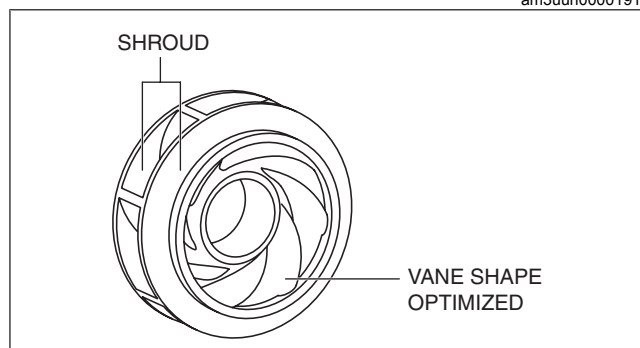
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- The water pump consists of the following parts:



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- A hard plastic shroud impeller has been adopted to the impeller. As a result, leakage loss from the front and back surfaces of the impeller is reduced and the pump efficiency is improved.



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### Operation

- The water pump pulley rotates by obtaining drive force from the engine via the drive belt.
- The impeller with the water pump pulley and shaft connected rotates to pump engine coolant.