

## Water Pump for Forklift

Forklift Water Pump - The water pump is attached to the crankshaft of the engine. It is a basic centrifugal pump which is driven by a belt that is attached to the crankshaft. When the engine is running, fluid is circulated by the pump.

The water pump makes use of centrifugal force to be able to send water to the outside as it turns. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is situated near the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located in order to fling the fluid outside of the pump so it goes in the engine.

The fluid that is going out of the pump primarily flows through the engine block and cylinder head. The fluid then goes into the radiator and lastly circulates back to the pump.