

## Forklift Water Pump

Forklift Water Pump - Attached to the engine's crankshaft; the water pump is a basic centrifugal pump which is driven by a belt. Fluid is circulated by the pump whenever the engine is running.

The water pump uses centrifugal force to be able to send water to the outside while it rotates. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is placed near the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned so as to fling the fluid outside of the pump so it enters the engine.

The fluid firstly flows through the engine block and cylinder head before going out of the pump. The fluid then works its way into the radiator before finally coming back to the pump.