

## Forklift Water Pump

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

The water pump uses centrifugal force to send water to the outside while it turns. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is positioned near the center. This design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located to be able to fling the fluid outside of the pump so it goes in the engine.

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