

## Forklift Water Pump

Forklift Water Pumps - The water pump is attached to the crankshaft of the engine. It is a basic centrifugal pump that is driven by a belt that is connected to the crankshaft. If the engine is running, the pump circulates fluid.

Utilizing centrifugal force, the water pump sends water to the outside while it turns causing the fluid to be continually drawn from the center of the pump. The pump inlet is located close to the center. This particular design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed in order to fling the fluid outside of the pump so it goes in the engine.

The fluid initially flows throughout the engine block and cylinder head prior to exiting the pump. The fluid then travels into the radiator before lastly returning to the pump.