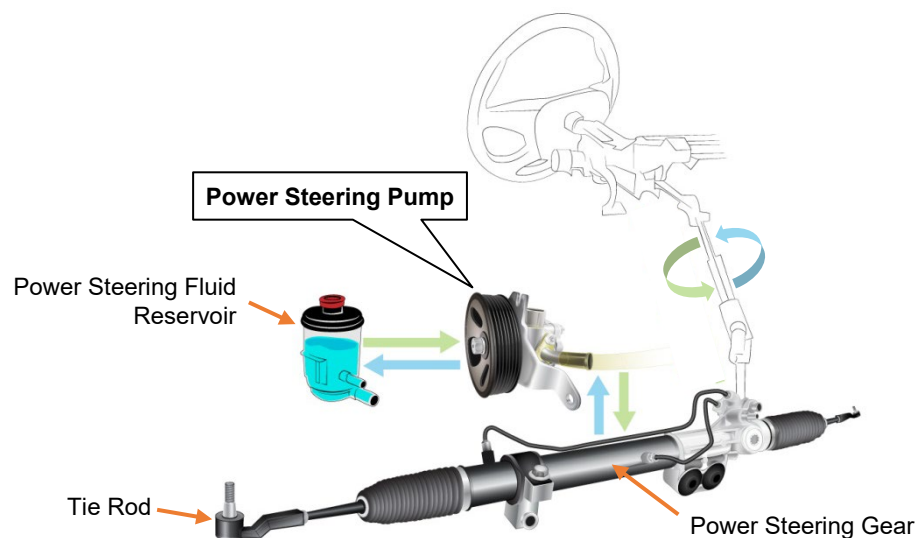


WHAT IS A POWER STEERING PUMP?

A power steering pump is a vane-type hydraulic pump driven by engine power using a belt and pulley. The pump is used for pumping steering fluid to the power steering gear. The fluid pressure, which is transferred to the gearbox that receives the rotating motion of the steering wheel, is used for assisting the steering system of the vehicle.



TYPICAL SYMPTOMS IN CASE OF FAILURE

Symptoms in case of failure

- Insufficient assistance when steering
- Whining noise when steering
- Heaviness when steering
- Oil leaking to the ground

Typical causes of failures

- Insufficient amount or leaking of steering fluid
- Foreign matter in the steering fluid
- Broken belt or bearing
- Failure of the steering joint or other components
- Broken pump body (components) or reservoir tank