



Power Steering Pumps

Refer to the authorized original equipment service manual for detailed installation instructions. If you do not have the experience, proper tools or manuals, please seek the services of a qualified technician.



**Replacement
TIME:**

3 hrs

COMMON SYMPTOMS

- Leaks
- Whining, groaning or squealing noises from the pump
- Power assist only with increase in engine rpm
- Lack of power assist while turning the wheel

BEFORE YOU INSTALL

- When replacing a power steering pump, the steering system fluid **MUST** be flushed & replaced with O.E. recommended fluid to ensure proper steering performance.
- An in-line filter on the return side of the system is recommended for additional product life.
- Power steering hoses can deteriorate overtime. For this reason, hoses should be replaced on vehicles over 5 years old or with high mileage to prevent external leaks and internal debris from being circulated throughout the system.



**SKILL
LEVEL:**

Service Technician

B

or higher

TIPS

- Noise or reduced assist may be caused by a restriction in the power steering reservoir screen, if so equipped.
- Make sure the banjo-style pressure fitting or union seal between the hose and fitting is free from dirt. Replace seal if so equipped.
- Check fluid for contamination. Dirty fluid indicates that there may be a problem in the system.
- Debris in the fluid indicates that hoses could be corroding internally.
- Inspect hoses for cuts, restrictions, collapsing, swelling, chaffing or kinks.
- Flush the entire system using approved fluid and install an in-line filter on the return side of the system.
- Some applications require the power steering system to be vacuum bled. Please refer to the O.E. bleeding procedure.
- Trapped air or a restriction in the system can cause fluid to overflow from the reservoir.
- Foaming or bubbles in the fluid indicates that air is still trapped in the system.
- Torque the mounting bolts and hoses to proper specifications. Use a belt tension gauge when installing the belt.
- Proper pulley alignment is critical for all applications. Always replace bent or damaged pulleys using a pulley installation kit.

MYTH BUSTER

Myth: All power steering fluid brands are the same

Busted – There are many substandard power steering fluid brands on the market that lack the additives necessary to ensure proper lubrication of the power steering system. Always use the recommended fluid as stated by the O.E. manufacturer of the vehicle when refilling or topping of the system.

**GOT QUESTIONS ABOUT THIS PART?
CALL 888-280-8324**

Monday-Friday