



Power Steering Pump Pulley

Refer to an 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.

SKILL LEVEL



Replacement
TIME:

Approximate
0.5 hrs

COMMON SYMPTOMS

- Physically damaged during removal
- Wobbling caused by a bent pulley
- Inside diameter of hub too large to reinstall due to repeated removal
- Misalignment issues causing belt to squeal, chirp, fray or to be thrown off

TIPS

- Accessory pulley alignment should be checked using a straightedge if a pulley alignment issue is suspected. The straightedge should lie flat across the fascia of two adjacent pulleys. If the straightedge does not lie flat then one of the pulleys is misaligned. To validate which of the pulleys is causing the issue, check each against other pulleys until you isolate the one that is out of line. Pulley alignment can also be checked with a laser alignment tool.
- If the pulley is not installed in line with the other pulleys, the pulley must be adjusted to line up with the other accessory drive pulleys.
- Moving the power steering pump's pressed-on pulley in or out on the shaft requires a special tool that combines both the function of pulling and installing. This tool is designed to fit a specific pulley type used on particular engines. There is no universal tool in the industry that will work on all cars, although many will work on most domestic models.
- The power steering pump shaft must be free of any rust, debris, nicks, grease or oil before attempting installation of the pulley.

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