

# CARDONE™ ProTech®

Supporting Today's Vehicle Technician



## Power Steering - Do's and Don'ts

Listed below are a few basic, but important tips to help ensure a successful installation of a replacement power steering pump.

**DO:** Replace all hoses that have been in service for more than 4 years or show damage.

**DON'T:** Use a hammer, press or impact gun when installing pulley on the replacement pump.

**DO:** Use pulley installation kit supplied with most replacement pumps.

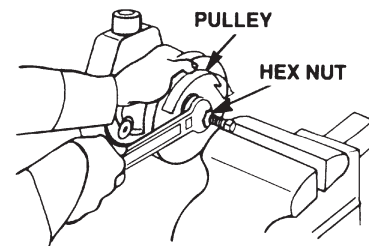
**ALWAYS USE A HAND WRENCH.**

**DON'T:** Assume the system is free of contaminants. Failure to flush will lead to premature pump failure.

**DO:** Torque mounting bolts and hoses to proper specifications. Use a belt tension gauge when installing belt. Refer to vehicle service manual for proper tightening specifications.

**DON'T:** Let a quality job go to the shop unprotected, use a power steering filter when applicable.

**DO:** Use new fluid recommended for your vehicle.





## SYMPTOMS:

- 7. Decreased brake performance:** Leaking fittings, defective flexible brake hoses, low brake fluid level and loose connections create an opportunity for moisture to enter the brake system due to the hygroscopic nature of brake fluid. When this occurs, braking performance could be drastically reduced. Inspect hoses and always use new sealing hardware.
- 8. Pulling or grabbing:** Over a prolonged period of time, caliper sliders, guide pins or mounting bushings can run out of lubricating grease, causing the unit to seize. The brake pads will often clamp-on or drag continuously on the rotor, causing the vehicle to pull even without applying the brakes. Always use OEM-specified lubricants.
- 9. Noisy operation:** Installing new hardware with the caliper eliminates brake noise due to bent or deformed pad clips or mounting hardware.
- 10. Leaking brake fluid:** Over time, rubber boots, seals and gaskets can become worn. These parts are susceptible to drying and cracking, which can lead to leaking and seized brackets.

### Note

Please refer to your vehicle's service manual for specific diagnostic instructions. This ProTech bulletin is supplied as technical information only and is not an authorization for repair.

### Note