

Power Steering Flush

Power steering systems are generally only noticed when something has gone wrong! This system is one of the simplest to maintain and is also the most noticed complaint from customers.

A power steering system is generally subjected to harsh temperatures leading to fluid deterioration over time. Through constant use and high operating pressures, other types of wear materials are also generated that degrade the system. The result of this pressure and heat is fluid breakdown, contamination, loss of lubricating properties, and varnish deposits on the internal components. When power steering fluid circulates throughout the system of the pump and gear, it picks up wear material as well as contamination from the breakdown of aging hoses and seals. Periodic maintenance of this intricate and precise system is necessary!

Flushing this system and recharging it with new fluid and adding conditioner is the best assurance you can have for extended optimum power steering performance by allowing the fluid to run through the system effortlessly, providing the driver responsive and safe control. Even though most manufacturers don't provide a maintenance schedule for this important gear, it should be flushed and refilled at 40,000 miles or when the fluid is dirty.

Why should you change the fluid in your car?

Well, as previously stated, it removes harmful deposits and impurities while conditioning and revitalizing seals and of course it prevents hard steering damage during cold starts and will prevent deterioration and potential future leakage. If the power steering is making excessive noise or not working or intermittent, a full system fluid flush could in fact prevent further damage and in some cases possibly fix the problem. It will clean out and condition the system, possibly eliminating excessive wear causing complete failure. This process could eliminate the need to replace a complete new power steering pump, gearbox and/or rack & pinion.

How often should you do this?

Well some say every 15-20K or 30-35k miles, although the type of driving we do here in Western New York, 40,000 miles is more like it. Noise is the most common complaint. Hard steering comes in at a close second. Power Steering pumps, hose, gearbox or rack and pinions in the power steering system are all wearable parts. By cleaning the system; it removes the varnish and sludge. Power Steering Clean & Flush is the process of flushing the entire power steering system, the pump, lines and the rack or gearbox.

Benefits of Power Steering Clean & Flush

- Prevent premature wear on vital parts
- Prevent varnish build up
- Avoid costly repairs

This service, like all services performed at Russo's Auto Service, is advised based on manufacturer's recommendations, or as needed as determined by our inspection and based on industry standards.