

Give your customers that new car feeling with ACDelco power steering pumps.

ACDelco Power Steering Pumps:

- Uses 100 percent new, premium-grade seals including high temperature double lip Viton® seals to help provide better durability and reliability.
- Cam packs are micro finished to help provide durability and quieter operations.
- Micro finished input shafts help make a precise fit for leak-free sealing. Also, many of the top-selling applications get new shafts.
- ACDelco power steering pumps now have improved traceability for end of the line test validation. ACDelco tests every power steering pump for pressure, flow and leakage. Power steering pumps with reservoirs will have two “T” marks on each part. Also, we have a more robust degreasing process prior to painting each pump that provides an improved appearance.



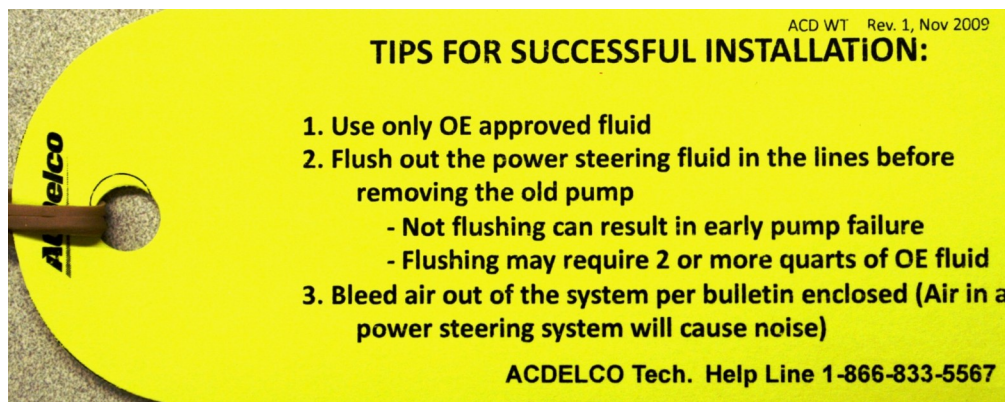
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Power Steering Pump Service

Noise, leaks or no power assist are some of the most common reasons for power steering pump replacement. But what are the root causes of power steering failures that lead to a replacement?

The most significant causes are using the wrong fluid, not properly flushing the unit and improper bleeding of air. Following the recommended service procedures during power steering pump replacement addresses these root causes and helps ensure the longevity of the new power steering pump while reducing the chances of premature pump failure.

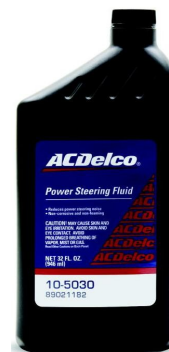
Power Steering Pumps: Tech Tips



Tech Tip installation tag is now included with every power steering pump.

1. Power Steering Fluid

Check the specific manufacturer's Service Information for the correct fluid to use. Different fluids are specified by the manufacturers to meet the operating requirements of their power steering systems. ACDelco power steering fluid part numbers are: **1 quart – #10-5030; 1 pint – #10-5031**. On some modern steering systems, brake fluids or transmission fluids may not be compatible with pump components. Using the wrong fluid could cause hose and seal damage as well as fluid leaks.



2. Flush the System

Flushing the system will help eliminate any residual contaminants from causing future pump failure. Dirty or contaminated fluid may cause low or no pressure from the power steering pump, causing the relief valve to stop functioning. Use the proper special tools (if applicable) to flush the system. Always follow the manufacturer's specific instructions on flushing, but remember the following:

- Flush out the power steering fluid in the lines before removing the old pump.
- Flushing may require two or more quarts of OE-approved power steering fluid.

3. Bleed Air Out of the System

Finally, after servicing the steering system, always bleed the air from the system and verify proper system operation. An accurate fluid level cannot be obtained unless air is bled from the steering system. The air in the fluid will cause pump cavitation noise as well as pump damage.

For assistance please call the ACDelco Technical Hotline at:

(866) 833-5567