

6L80-PKH

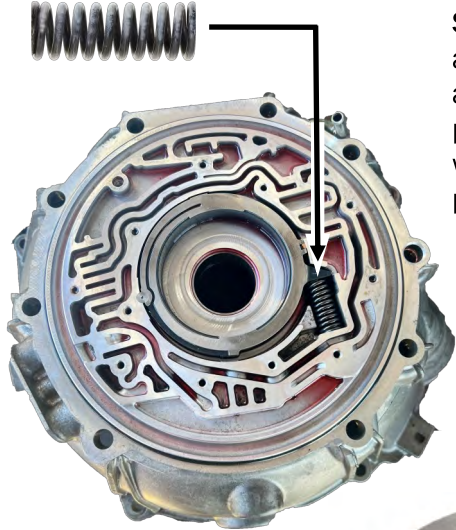
Unbreakable High Performance Pump Ring Kit
Fits 2006-on 6L45, 6L50, 6L80, 6L90

**A must-have for heavy duty trucks, high horsepower cars
and high performance vehicles that rev past 5000 RPM.**



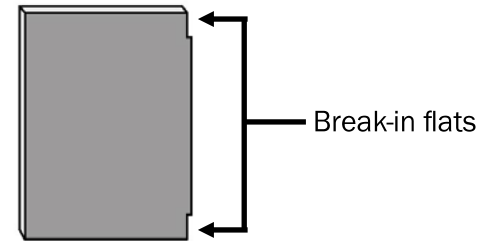
The high-carbon steel rings in this kit have undergone a heat treatment and annealing process, making them stronger than the original equipment rings made from fragile cast iron or sintered metal. This enhanced durability eliminates the risk of breakage and associated costly pump damage.

The design has been improved by reducing the inner diameter, allowing for a wider and more durable ring. This upgrade improves pump efficiency and elevates pressure at hot idle conditions, reducing the likelihood of clutch failure. The kit also includes a pressure relief spring, often overlooked despite being a common cause of low line pressure or no line pressure when it breaks.



Step 1. Install pump slide and pivot pin by removing and discarding original priming spring. Replace with the **new white high performance priming spring**.

Step 2. Remove and discard original pump vane rings and install the new unbreakable rings.



Note: When reinstalling used pump vanes, make sure they go back in exactly how they were removed with the break-in flats towards the rings.



.375
New plain line pressure limit spring

Step 3. Optional

As an added protection, we have furnished a **new plain line pressure limit spring**. This spring is commonly broken resulting in a low-or-no line pressure condition.