

# 700 PK

## NoYoYo® Standard Pump Kit 700R4, 2004R & 4L60E



### With **UNBREAKABLE HARMENED STEEL RINGS**

#### This Kit is for engines that rev **UNDER 5500 RPM**

We know the sick feeling in your gut and the pain in the brain when a job comes back with broken rings. Most of the time it takes the trans and the converter along with the pump, AND the customer is positive it's all your fault.

The rings in this kit are **not** cast iron or compressed metal. They're **not brittle**. They are tough **HARMENED** steel. Because they are slightly larger and **STIFFER**, pump efficiency is increased. You will notice higher pressure at **HOT** idle.

### Installing Springs

Pumps with 13 Vane Rotor: Install both springs.

Pumps with 10 Vane Rotor: Install both springs.

Pumps with 7 Vane Rotor & Hi output engine: Install both springs.

Pumps with 7 Vane Rotor with Diesel or std. gas engines 82-86: Outer only.

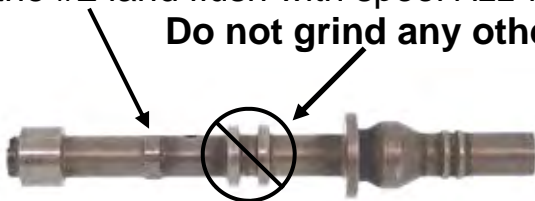
1. Place the spring(s) in the vise and squeeze it to coil bind. This will pre-set it so that it will not get weaker during usage.
2. Then open the vise until the length of the spring is about 1 7/16" and tap it over to the side of the vise jaws until about 3/16" is sticking out.
3. With the slide installed in the pump, place the spring pocket over the spring(s) and against the vise. While holding the pump firmly against the vise, whack spring(s) into the pump with a hammer handle.

### Pressure Regulator Valve

**Optional valve changes for smoother regulation & longer converter life.**

Grind the #2 land flush with spool ALL THE WAY AROUND. Perfectly flush is not fussy.

**Do not grind any other lands!**



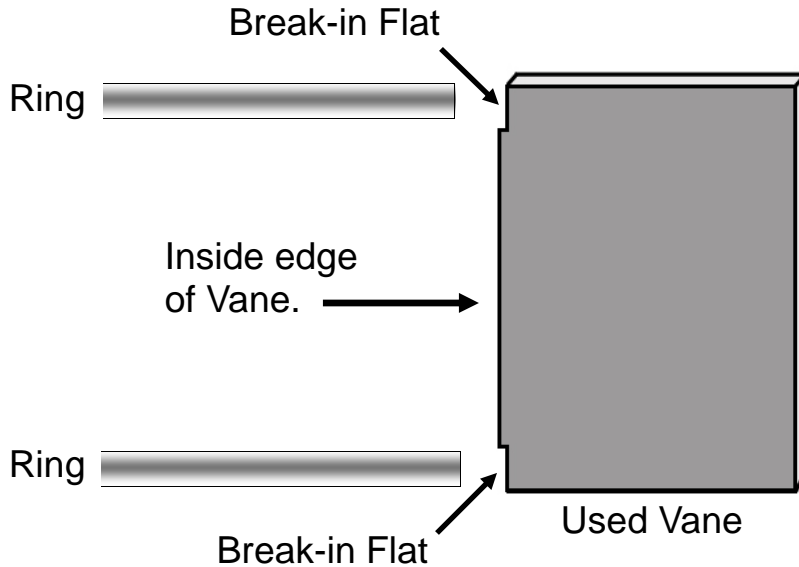
Need Technical Help?  
(626) 443-7451

*Have a nice day!*



## INSTALLATION WITH USED PUMP OR USED VANES

With used vanes you will notice two breaks in flats on the inside edge of the vanes where the rings ride. When assembling the pump be sure to install the vanes with the break-in flats against the new rings. If you don't the rotor may not turn freely.



## INSTALLATION WITH NEW VANES, NEW PUMP or NEW ROTOR KIT.

Install the rings furnished. If rotor does not turn freely remove vanes one at a time and run the inside edge about 5 times back and forth on emery cloth to make break-in flat. Install the break-in flat against the rings. No emery? About a dozen back and forths on a cement floor also does a nice job.

