### SK<sup>®</sup> 42RLE-VLP

Fits 42RLE's & 604's with VLP Solenoid & Sensor

2006-2017 42RLE-VLP (RWD) 2006 up 604-VLP, 40-TES, 41-TES (FWD)

#### **Corrects / Prevents / Reduces**

TCC Slip/Shudder, Overheating, Delay or No Forward or Reverse, 4-3 and 2-1 Coast Clunk



Models Without VLP Sensor & Solenoid Order P/N SK<sup>®</sup>604





Discard OE Housing Gasket. Install new *Non Shrinking Gasket* under Piston Housing. Gasket works with all piston housings.

Housing

#### All Models with <u>Aluminum</u> Pistons do Steps 1, 2 & 3

#### Plastic Accumulator Pistons- Skip this page & reassemble all accumulators with Original Rings, Springs & No spacers



# This Page: 604-VLP, 40TES & 41TES



## This Page: 42RLE-VLP



### ALL models use this page.

Some **2006-2008** vehicles may experience **TCC Shudder** complaints due to a combination of applying Lockup at very low speeds and controlling the slip speed during converter apply. The factory later introduced changes to the converter lining, computer strategy and other areas to try and reduce shudder complaints. Using a better calibration for the type of converter lining used will be a step forward in the right direction.

pressure counter, clear codes & do a guick learn.

**Tech Tip:** When working on VLP units & before road testing, reset line

42-RLE's with VLP build before April 28 2008 Should have the PCM flashed with the latest software. Low speed partial apply TCC operation is greatly improved with software update. Step 1. Converter Lining vs. Calibration 2008 & earlier models have non-grooved lining. Use New Blue spring. 2009 & later models use grooved lining. Use New Yellow spring. Retainer T/C Ctrl T/C Ctrl End Plug Accum SYNNAAN 2 New Plain Retainer New Blue or Yellow Spring. Step 2. Discard the original T/C Accum Spring Retainer Retainer Install the New Inner & Outer Springs

## ALL models use this page.

#### Step 1.



### 604/42RLE 4th Type\*\* Stack-up

**UD clutch:** Has four .073 thick frictions. High Energy/Brown Paper **OD clutch:** Has four .073 thick frictions Should be High Energy.

Reverse clutch: Has two .073 frictions High Energy/Brown Paper

Note: Some small engine models can come equipped

with only 3 OD clutches & 1 Reverse clutch. This stack-up is not covered here. Use your specific vehicle data when ordering replacement parts.

**UD stack-** Start with .068 steel plate, alternate .073 clutch plates, the stack will end with a friction. Install .061" flat snap-ring, 4th design UD/OD Pressure plate then tapered .090 snap-ring.

**OD stack-** Start with .073 friction plate, alternate with .068 steel plate. The stack will end with a friction plate. Install waved snap-ring, OD/Rev Pressure Plate then install flat snap-ring.

\*Rev stack- Start with .073 friction, .068 steel, .073 friction, Pressure Plate and flat selective snap-ring. Selective Rev Snap Rings: 1.53-1.58mm- # 04377195, 1.77-1.83mm- # 04412871, 2.02-2.07mm- # 04412872, 2.27-2.32mm- # 04412873.

\*\*Earlier stack-up- Types 1 through 3 can be found in the SK 604 kit Additional Information Lesson 3A

