

Accumulator Pin Kit & Reamer

Part No.

54250-04K

- Oversized Accumulator Pins (10)
- E-Clips (20)
- Reamer

NOTE: This kit contains enough parts to repair 10 accumulator pistons.

Accumulator Pin Kit

Part No.

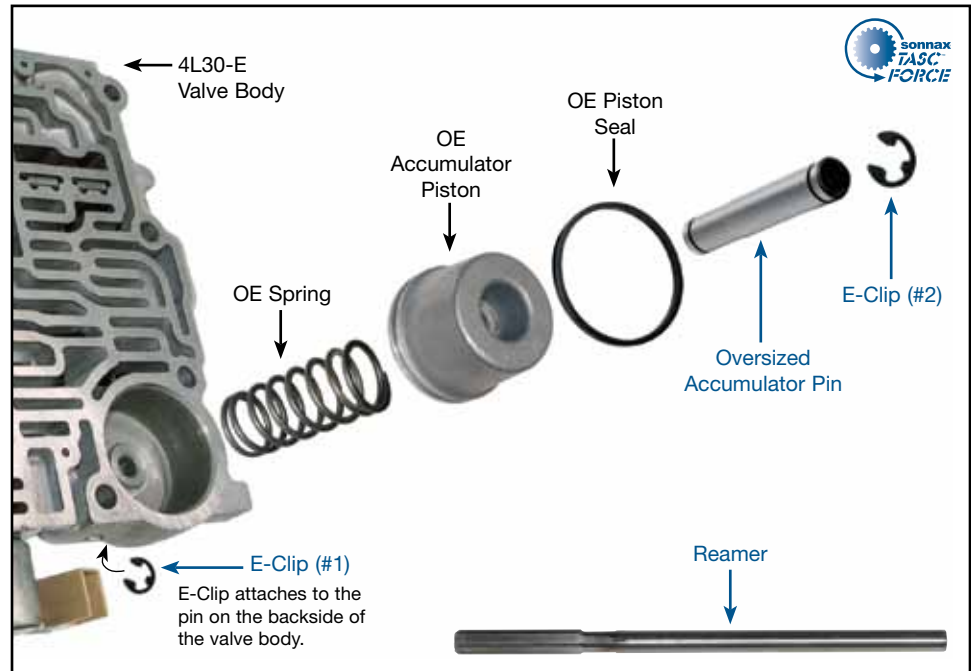
54250-05K

- Oversized Accumulator Pins (4)
- E-Clips (8)

NOTE: This kit contains enough parts to repair 4 accumulator pistons, reusing reamer from **54250-04K** kit above.

The early model TH180 has a removable E-Clip retainer holding the accumulator piston and spring in place. The late model TH180 has a non-removable fixed head holding the accumulator piston and spring in place. The Sonnax pin will work with either of these applications.

4L30-E, TH180, TH180C (3L30)



NOTE: On 4L30-E/180 units, carefully check the runout of the OE piston prior to installation, regardless of what type of seal is installed.

Installation

1. Remove the OE pin and retaining clip (if applicable) from the valve body.
2. Remove and retain the OE piston. Replace the OE piston seal with an available new OE or aftermarket piston seal as needed.
3. Press the smaller diameter of the Sonnax accumulator pin into the valve body.
NOTE: Avoid hammering the end of the Sonnax accumulator pin as this will swell the end of the pin and cause the piston to bind during installation. If possible, use an arbor press to push the pin into the valve body. If it is necessary to use a hammer, turn the old OE accumulator pin upside down and use as a driver.
4. Install the Sonnax E-Clip (#1) into the Sonnax oversized accumulator pin groove on the outside/backside of the valve body.
5. Ream the bore of the OE accumulator piston with the Sonnax reamer. Use a drill press or lathe, avoiding a hand-held drill if possible.
6. Assemble the OE spring and accumulator piston and seal into the valve body and install the remaining Sonnax E-Clip (#2) into the accumulator pin.