

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

Accumulator Pin Kit

Part No.

54250-05K

- Oversized Accumulator Pins (4)
- E-Clips (20)

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

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.

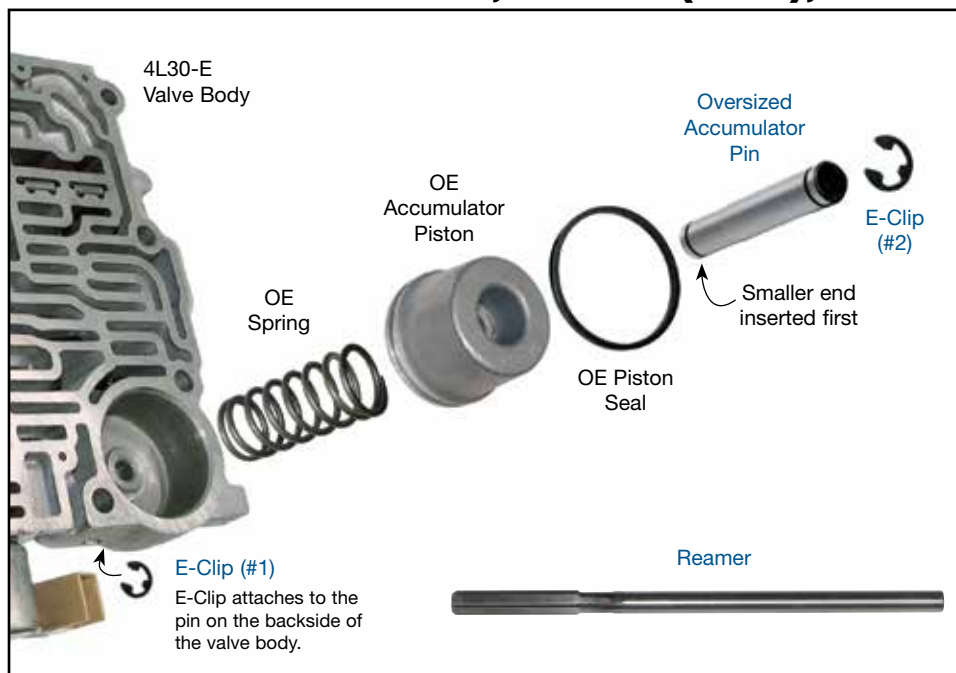
Accumulator Pin Kit & Reamer

Part No.

54250-04K

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

WARNING: Required tool kit 54250-04K is no longer in production. Check with your distributor for availability.



NOTE: On 4L30-E/TH180 units, carefully check the runout of the OE piston prior to installation, regardless of what type of seal is installed.

1. Disassembly

1. Remove OE pin and retaining clip (if applicable) from the valve body.
2. Remove and retain OE piston.

2. Installation, Reaming & Assembly

1. Replace OE piston seal with an OE or aftermarket piston seal as needed.
2. Press Sonnax accumulator pin into the valve body, smaller diameter first.



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.

3. Install Sonnax E-clip (#1) into the Sonnax oversized accumulator pin groove on the outside/backside of the valve body.
4. Ream the bore of OE accumulator piston with Sonnax reamer. Use a drill press or lathe, avoiding a hand-held drill if possible.
5. Assemble OE spring and accumulator piston and seal into the valve body and install the remaining Sonnax E-clip (#2) into the accumulator pin.