

TCC Regulated Apply Valve & Tool Kit

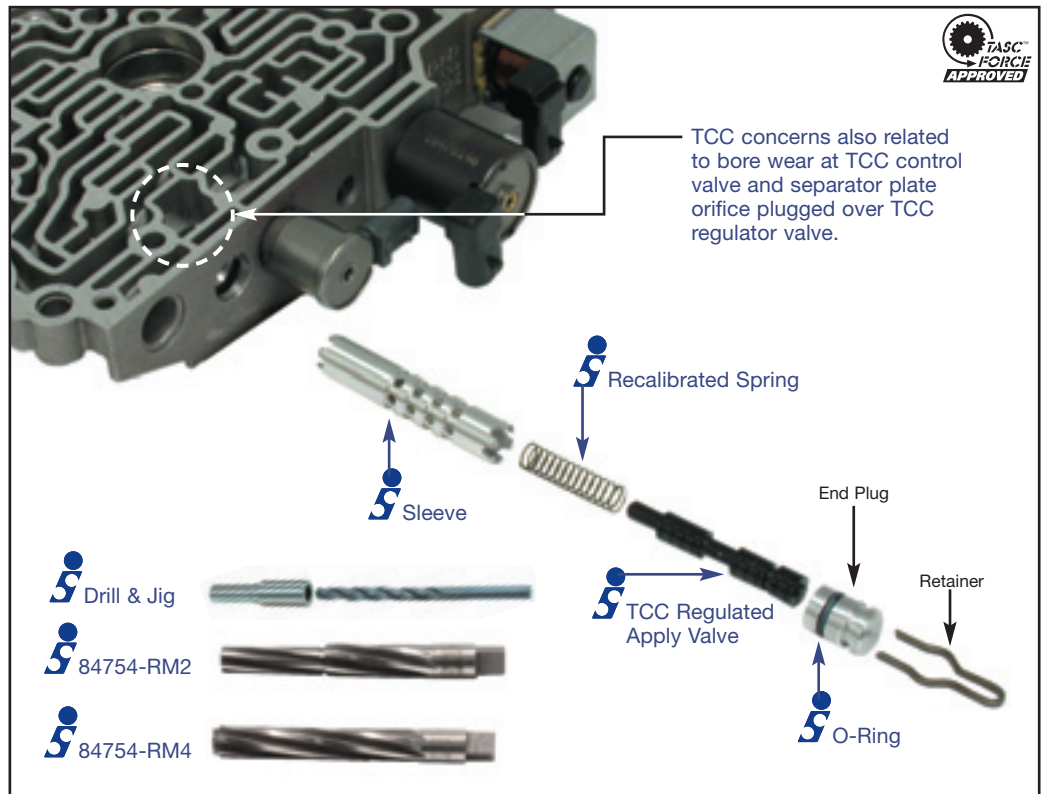
84754-34K

- 1 Valve
- 1 Sleeve
- 1 O-Ring
- 1 Spring



84754-TL3

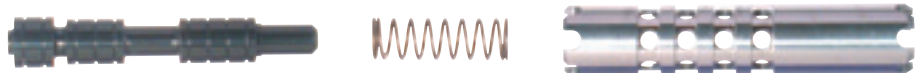
- 2 Reamers
- 1 Drill
- 1 Drill Jig



OEM Version



Sonnax Version



4T65-E

PART NUMBERS 84754-34K, -TL3

**TCC Regulated Apply
Valve & Tool Kit**

Disassembly Instructions

1. Remove OEM retainer, end plug, valve and spring
2. Clean the bore thoroughly to remove any sludge or debris.

First Reaming Operation

1. Apply appropriate cutting fluid to TCC regulator bore.
2. Lubricate self-piloting reamer marked "4T65E TCC Reg Reamer #1".
3. Carefully ream the bore using a speed handle.
4. Ream the bore until the smaller pilot diameter contacts the bottom of the bore.
5. Remove the reamer and thoroughly clean the valve bore.

Drilling Operation

1. Install the drill jig into the bore that was reamed in the first reaming operation.
2. Lubricate the valve body bore, drill jig and drill.
3. Using an electric drill, drill to the bottom of the bore.
4. Remove drill and guide and thoroughly clean the valve body.

Second Reaming Operation

1. Lubricate the valve body bore and reamer labeled "4T65E TCC Reg. Reamer #2".
2. Install the reamer into the bore made by the previous reamer.
3. Using a speed handle, ream the remainder of the TCC regulator bore.
4. Remove reamer and clean valve body.

4T65-E TCC Regulator Sleeve Repair Kit

1. Install the Sonnax sleeve as pictured on the previous page. The sleeve must fit snugly in the bore. If the sleeve is loose in the bore, then very lightly use a tube cutter to raise five ridges as pictured.

Important: Use extra caution when using the tubing cutter. It only requires the slightest ridge to get a good, snug fit. Too much of a ridge can distort the sleeve, clamp down on the valve when inserted in the bore or cause the sleeve to become stuck before it is completely installed.

2. Install the Sonnax spring and valve as pictured on the previous page, **ensuring the valve moves freely in the sleeve.**
3. Replace the o-ring on the OEM end plug.
4. Install the OEM end plug and retainer.

