

COMPLAINT

SECONDARY COMPLAINTS

Flare, Long 1-2 shift

- Soft shifts & poor line rise

CAUSE

Wear at the 1-2 accumulator valve and/or bore, allowing loss of torque signal, 1-2 accumulator and/or line pressure.

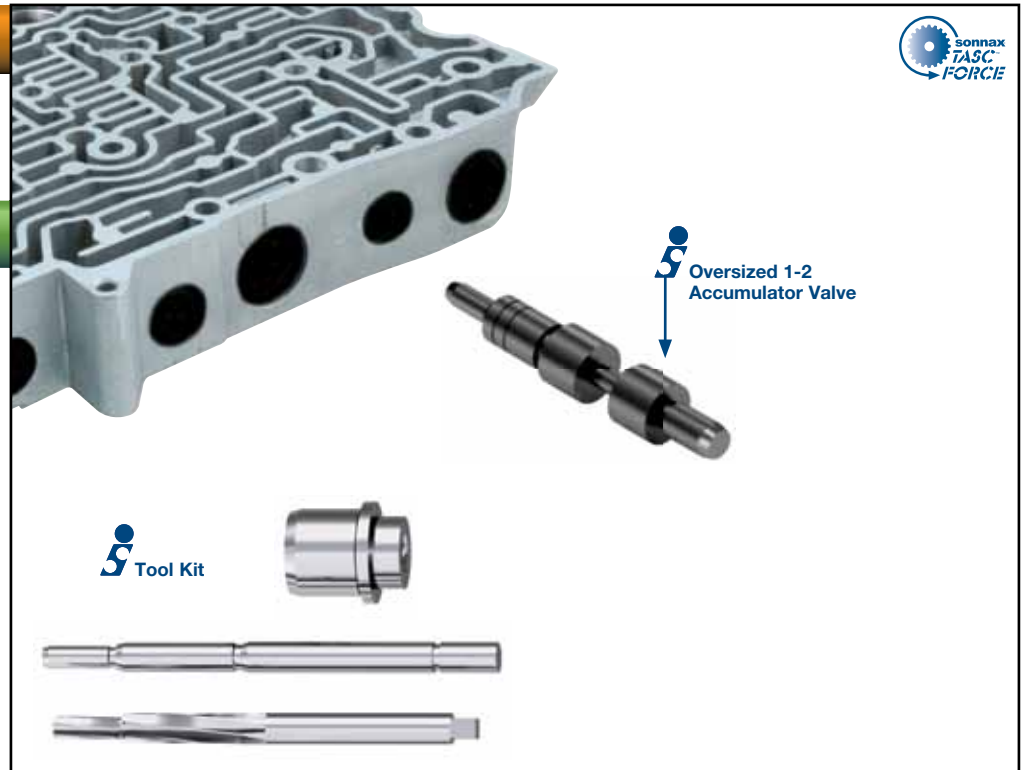
CORRECTION

Refurbish the worn bore and install the Sonnax oversized valve to restore correct hydraulic clearances.

Oversized 1-2 Accumulator Valve

84754-57K

Valve



Tool Kit

F-84754-TL57

- Reamer
- Guide Pin
- Reamer Jig



NOTE: Sonnax "F-Tool" kits designed to service a specific bore require the VB-FIX, a self-aligning valve body reaming fixture. More information and instructions are available at www.sonnax.com.

To help control the 2nd clutch apply pressure and shift feel in the 4T65-E, a 1-2 accumulator piston and accumulator valve regulating fluid pressure are used. The 1-2 accumulator valve regulates line pressure using torque signal influence and directs 1-2 accumulator pressure to the spring side of the piston, controlling the 2nd clutch apply. Wear at the bore or valve can allow torque signal, 1-2 accumulator or line pressures to exhaust, resulting in various 1-2 shift complaints.

The oversized Sonnax valve is made from wear-resistant, hard-coat anodized aluminum to prevent future wear in a refurbished bore. Annular grooves have been added to the valve spool to hydraulically center the valve in the bore for wear resistance.

Features & Benefits

- Valve is hard-coat anodized to prevent wear.
- Can be used in either early- or late-style valve bodies.
- Can be used in GM or Volvo applications.
- Annular grooves added for hydraulic centering and wear reduction.

You need this if...

A vacuum test at torque signal, exhaust or balance port fails to hold 18" of vacuum or higher, or if visual wear is detected.

