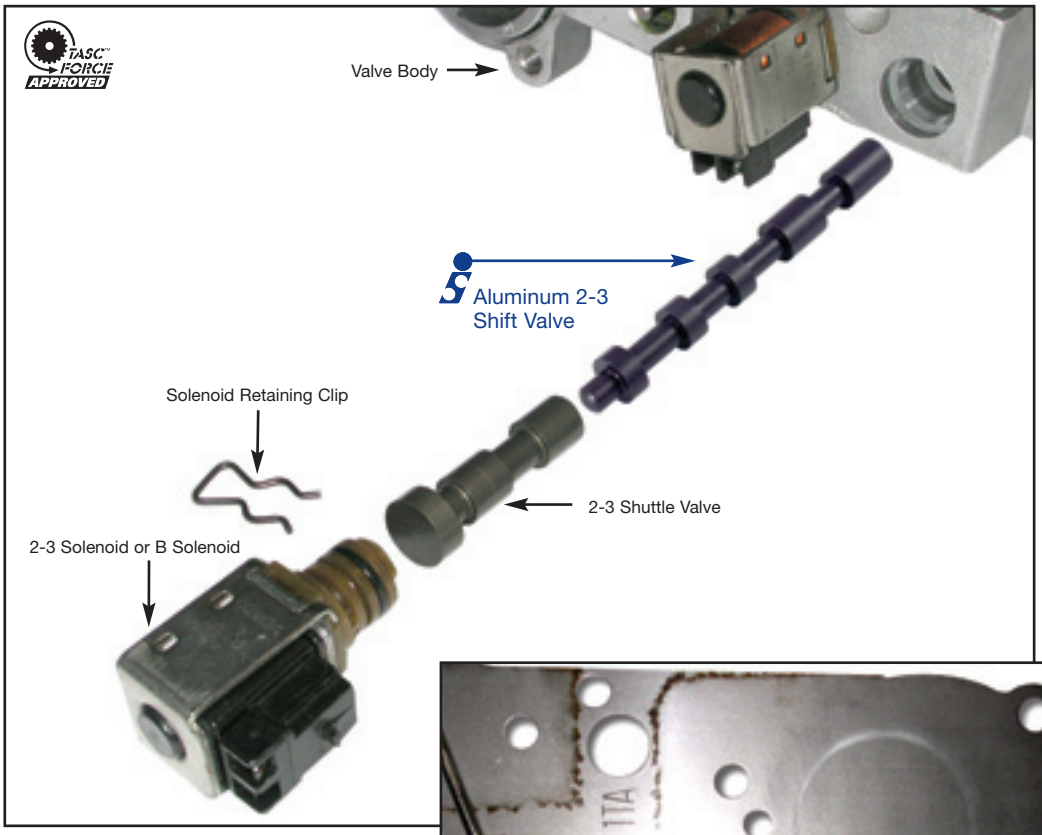
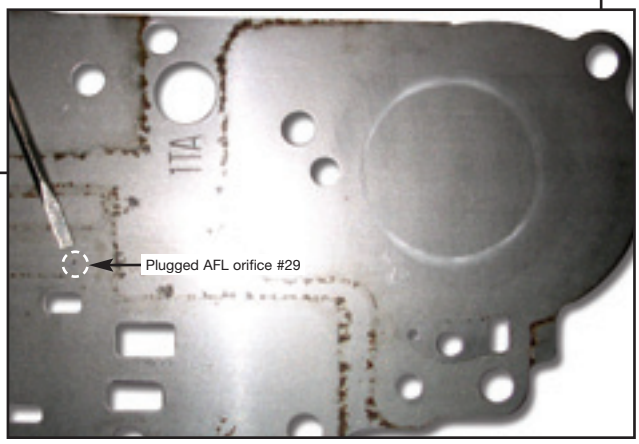
4L60-E

PART NUMBER **77754-33**

Aluminum 2-3 Shift Valve

77754-33
1, 2-3 Shift Valve





INSPECTION:

Inspect the 2-3 shift valve for free movement or damage. This can be done with a pick, scribe or small screwdriver pushed against the valve face while still in the bore.

Note: Never pry on the edge break of an anodized valve. If there is a burr or knick on the valve spool, remove only that burr with a small file. Remove any bore ridges or scoring by that area with Scotchbrite™. Clean vigorously after buffing.

NOTES OR CAUTIONS:

Other causes of a 756 code or 2-3 shift complaints should also be checked:

- Plugged AFL orifice #29 (see photo)
- Cracked or leaking 2-3 shift solenoid
- Low AFL oil pressure and circuit leaks
- Material build-up at the outer bore of the 2-3 shuttle valve (same bore as the outer valve)

The shift characteristics of some 1999-2001 Chevy and GMC C/K trucks and/or Cadillac Escalades with 4.3, 4.8, 5.3 or 6.0 liter engines have been revised by OEM to provide faster engine warm-up and improved heater performance. During initial start-up, if intake air temperature is below 32°F, the following 2-3 shift pattern is considered normal:

- If throttle position (TPS) < 37%, the 2-3 shift will occur at a minimum speed of 32mph.
- If TPS > 37%, the 2-3 shift will revert back to a normal shift pattern.
- When engine coolant temperature reaches 171°F, the 2-3 shift will revert back to a normal shift pattern.

INSTALLATION:

1. Remove and discard the damaged or steel OEM 2-3 shift valve.
2. Install the Sonnax replacement valve, using the photo for proper orientation.

sonnax
TIME TESTED • INDUSTRY TRUSTED™

800-843-2600 • 802-463-9722 • F: 802-463-4059 • www.sonnax.com • info@sonnax.com