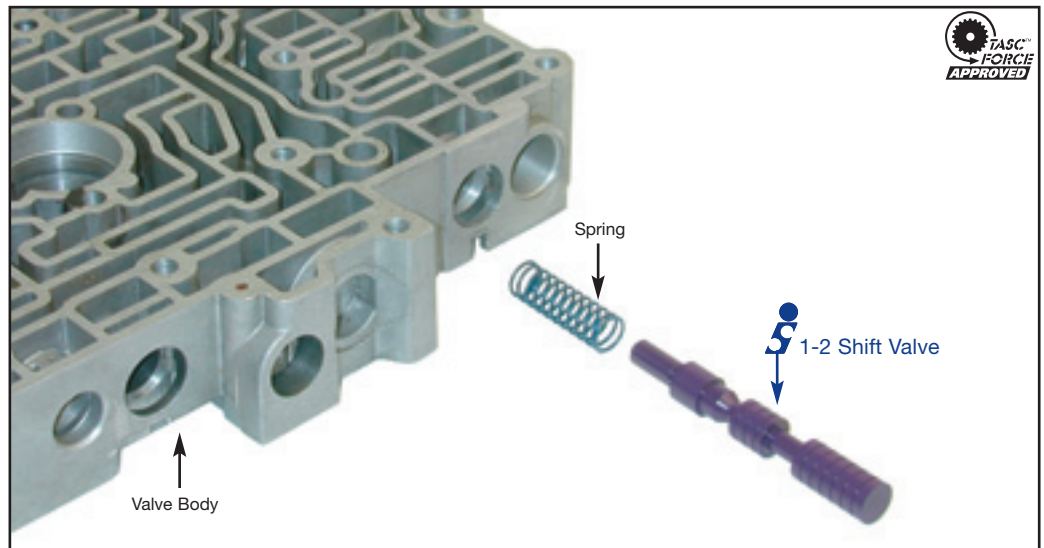


## 1-2 Shift Valve

### 84754-23K

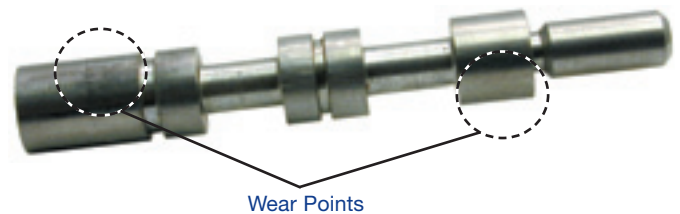
1 (1-2) Shift Valve

**Note:** U.S. Patent No. 6,793,601



### Installation Instructions

The Sonnax 4T60-E 1-2 shift valve 84754-23K is a direct replacement for the OEM valve. Simply remove the OEM valve and install the Sonnax valve. Before installing the valve use Scotch-Brite™ to smooth out any rough spots in the valve bore that were left from the OEM valve. The OEM valve requires replacement if the vehicle displays a 2nd gear start, 1-2 shift cycling and/or no second gear. OEM valve wear (which appears as scratches on the valve) can be seen on the valve in the locations shown on the attached diagram.



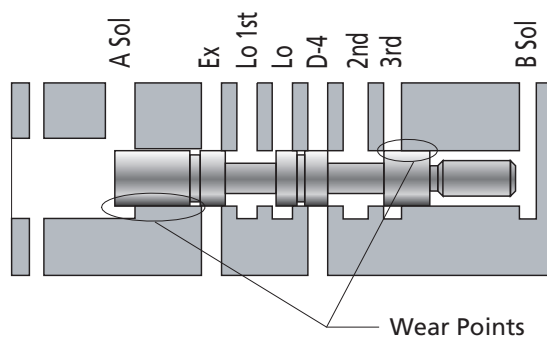
In first gear, Solenoid A is on and the valve moves to the right, blocking D-4 pressure from entering the 2nd gear clutch circuit.

In second gear, Solenoid A is off and the valve moves to the left, allowing D-4 pressure to apply the 2nd gear clutch.

Sideload and wear of the raw aluminum OEM valve can cause the valve to stick in the righthand position. This prevents the valve from shifting from first to second gear.

The Sonnax valve design uses a hard-anodized aluminum valve to reduce wear and friction. The Sonnax valve incorporates annular grooves to help center the valve and reduce sideloading. The Sonnax valve also includes a contoured profile that uses the force of the flowing ATF to help shift the valve from 1st to 2nd. The Sonnax valve eliminates the sticking problem and allows the valve to move freely from the 1st to 2nd gear positions.

### OEM Design



### Sonnax Design

