

COMPLAINT

SECONDARY COMPLAINTS

Erratic or temperature-sensitive shifts

• 2nd gear start • 2-3 shuttle shift, no 3rd gear • No 4th • Anodized valves unavailable

CAUSE

The non-anodized valves score and seize in the bore

CORRECTION

These valves are hard anodized with annular grooves which eliminate surface wear and reduce valve hang-up.

Shift Valves

84754-36K

1 2-3 Shift Valve

84754-37K

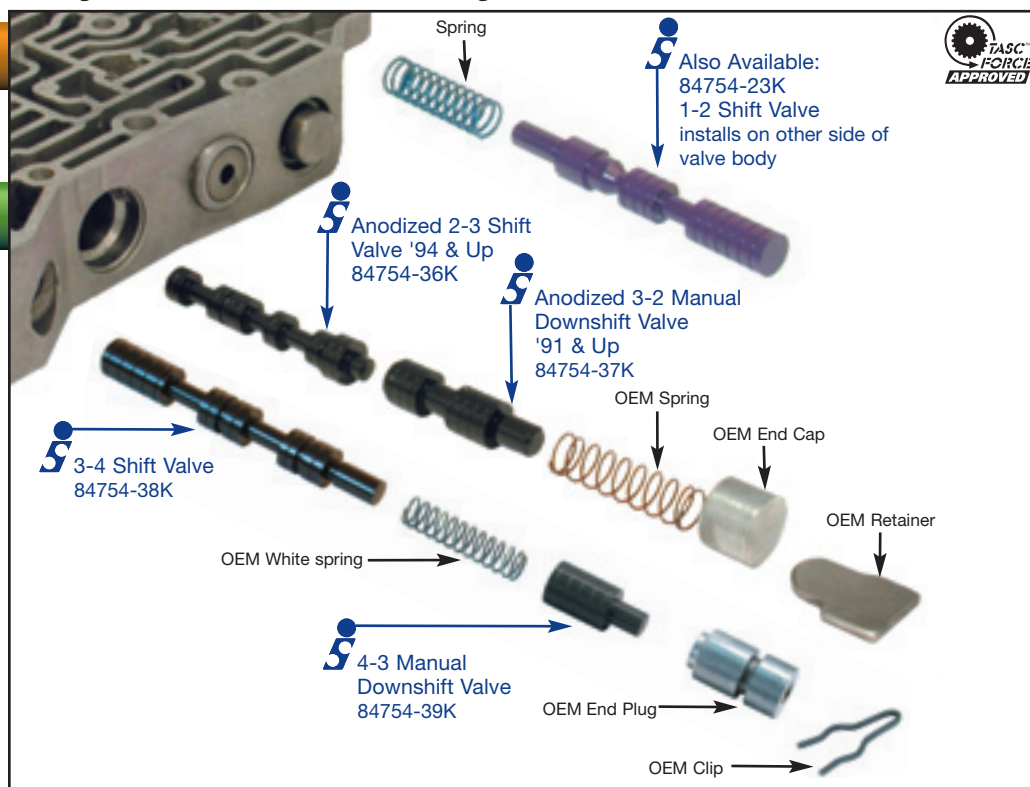
1 3-2 Downshift Valve

84754-38K

1 3-4 Shift Valve

84754-39K

1 4-3 Downshift Valve



Sonnax Part Summary

OEM 4T60-E shift valves have changed materials over the years, starting with steel, changing to silver-colored uncoated raw aluminum, and finally anodized aluminum. 4T60-E units can have a combination of these materials with the silver-colored uncoated raw aluminum being especially problematic due to scoring/scratching and intermittent sticking. It is highly recommended to replace all raw aluminum shift valves with the Sonnax hard-coat anodized replacements. These are drop in replacements and do not require any machining. Valves also have applications in 4T60 & 4T65-E (see chart below).

SHIFT VALVE APPLICATION					
84754-	23K	36K	37K	38K	39K
Location	1-2	2-3	3-2	3-4	4-3
440-T4 / 4T60	x				
4T60-E 1991-Up	x		x	x	x
4T60-E 1994-Up	x	x	x	x	x
4T65-E		x	x	x	x

Features & Benefits

- Sonnax valves use a hard-anodized finish to reduce wear and friction.
- Valves incorporate annular grooves to center the valves and reduce sticking caused by side loading.
- Replacements available for the 2-3 shift valve, **84754-36K**; 3-2 downshift valve, **84754-37K**; 3-4 shift valve, **84754-38K**; and 4-3 manual downshift valve **84754-39K**.