

## COMPLAINT

SECONDARY COMPLAINTS

Soft shifts, delayed reverse

- Low line pressure • Poor modulator control

## CAUSE

A worn boost valve or boost valve sleeve.

## CORRECTION

Restore proper line pressure control with closely toleranced boost assemblies, made from wear-resistant materials.

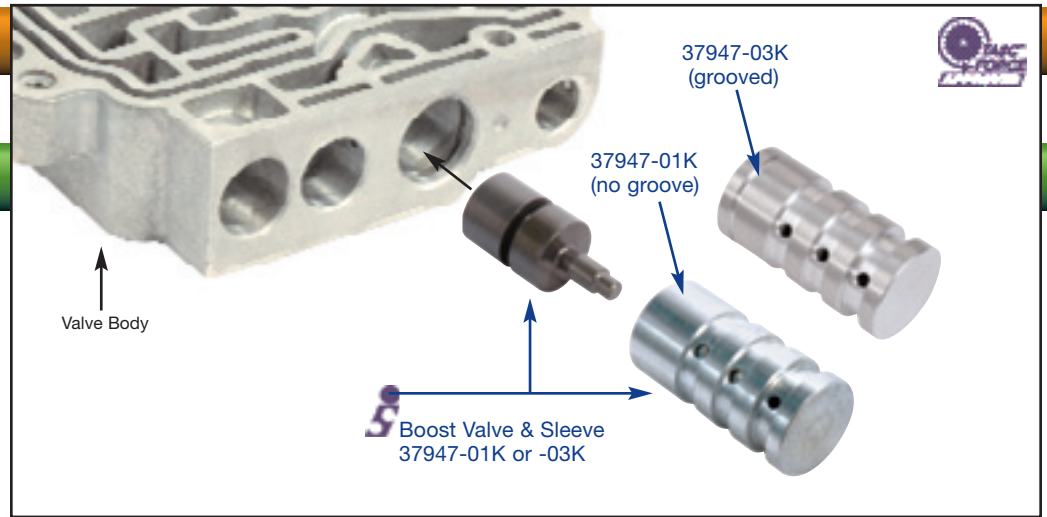
## Boost Valve & Sleeve Kits

**37947-01K** OEM Ratio

**37947-03K** Increased Ratio

Each kit includes the following  
1 Boost Valve  
1 Boost Sleeve

**Note:** OEM sleeves may come in either a 3- or 2-circuit design. Boost valve kits **37947-01K** and **-03K** may be used to replace either version.



### Sonnax Part Summary

Some typical problems in 4R44E, 4R55E, 5R44E and 5R55E units are soft shifts, delayed reverse, poor modulator control and/or low line pressure in reverse. A worn boost valve is often the cause, allowing reverse and/or TV pressure to cross leak or exhaust. Sonnax now offers two replacement boost valve kits for these units: the OEM ratio kit **37947-01K** and the increased ratio kit **37947-03K**. The **37947-01K** has OEM spool ratios, to return line rise to stock condition. The **37947-03K** assembly has increased ratios for slightly higher line pressures.

### Features & Benefits

- Sleeves are manufactured from highly wear-resistant aluminum alloy.
- Valves are made from hard-anodized aluminum for better wear resistance.
- Tight tolerances restore the hydraulic integrity of the assembly.
- Kits improve engagement related to loss of boost oil and increased line rise in forward and reverse.

### Pressure Comparison Between OEM and Increased Ratio Boost Valves

EPC PSI	37947-01K (OEM Ratio)		37947-03K (Increased Ratio)	
	Line	Reverse	Line	Reverse
30	107	135	114	143
75	178	224	194	243
120	250	313	275	343

**Save** \$525 in valve body replacement costs

