

## COMPLAINT

### SECONDARY COMPLAINTS

## Soft upshifts, delayed reverse

- Higher than normal pressures in reverse • Repeated clutch failure

## CAUSE

Severe wear of the boost valve assembly allows TV and reverse boost oil leakage.

## CORRECTION

The closely toleranced replacement boost valve and sleeve restores hydraulic integrity and prevents oil leakage.

## Boost Valve & Sleeve Kits

### 89031-02K

A540E

- 1 Small-Ratio Boost Sleeve
- 1 Small-Ratio Boost Valve

### 89031-01K

A540E

- 1 Large-Ratio Boost Sleeve
- 1 Large-Ratio Boost Valve

### NEW PRODUCT!

### 89031-03K

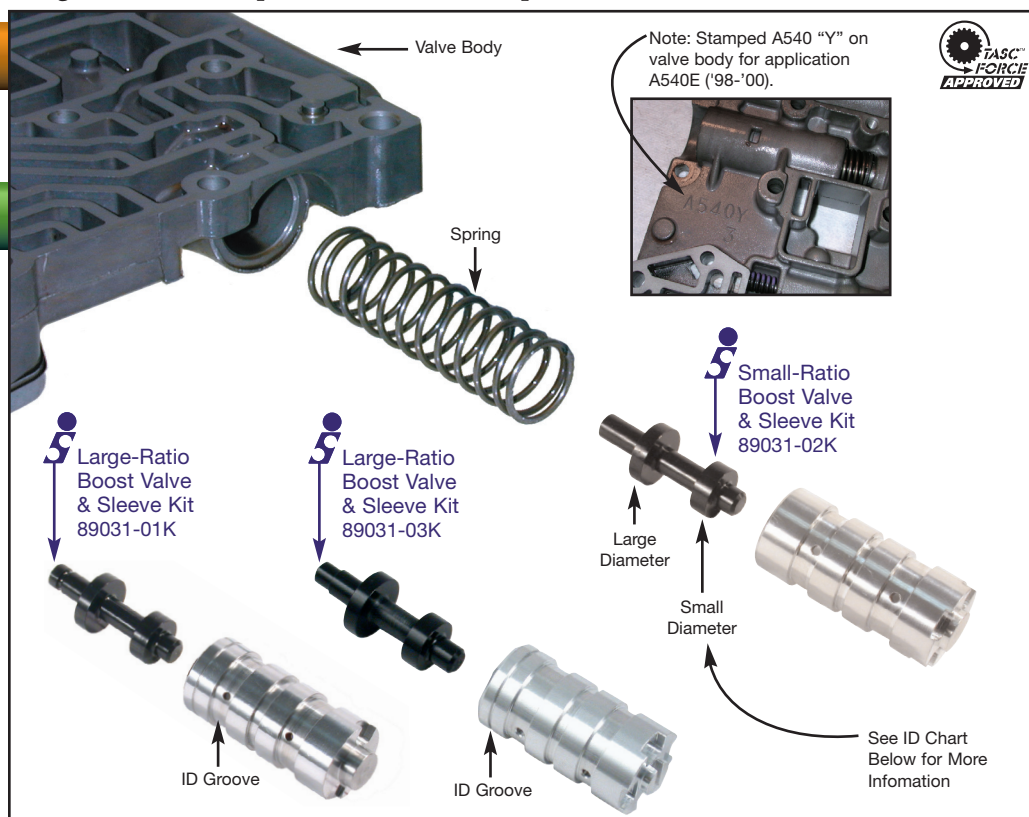
A540E '98-'00

- 1 Large-Ratio Boost Sleeve
- 1 Large-Ratio Boost Valve

**Note:** Stamped "A540Y" on valve body for application A540E ('98-'00).



**Note:** These applications are meant as a guide only. Be sure to measure original valve and compare dimensions before purchasing.



## Sonnax Part Summary

A severely worn boost sleeve in the A540E may allow TV pressure to leak into the reverse boost circuit during any valve body drive ranges. This oil is then open to exhaust through the manual valve, resulting in low line pressure. In reverse, reverse boost oil will leak past the worn sleeve and enter the TV circuit. This forces the pressure regulator valve into a higher than normal line pressure position. The Sonnax replacement boost valve and sleeve kits **89031-01K**, **89031-02K** and **89031-03K** restore the proper clearances and hydraulic integrity.

## Features & Benefits

- Sleeves are made from high-quality aluminum for better wear resistance.
- Valves are hard-coat anodized aluminum to prevent wear.
- Outperforms the OEM parts.

## IDENTIFICATION CHART

PART NO.	SMALL DIA.	LARGE DIA.	RATIO	GROOVE	SLEEVE LENGTH
<b>89031-02K</b>	.482"	.565"	Small	No	1.77"
<b>89031-01K</b>	.482"	.583"	Large	Yes	1.81"
<b>89031-03K</b>	.478"	.580"	Large	Yes	1.57"