

## COMPLAINT

### SECONDARY COMPLAINTS

No 2nd gear, slipping 2nd gear, soft 1-2

- Delayed, no forward • No reverse

## CAUSE

A worn bore or sticky 1-2 accumulator valve causes a soft or loss of 2nd gear. A loose end plug on the accumulator control valve results in delayed engagements or loss of reverse.

## CORRECTION

This kit provides a slightly oversized 1-2 accumulator valve, replacement springs to re-establish correct accumulator valve function, and an o-ringed end plug for the accumulator control valve bore.

## Accumulator Valve Kit

### 63940-02K

1 Accumulator Valve  
1 O-Ringed End Plug  
2 Springs

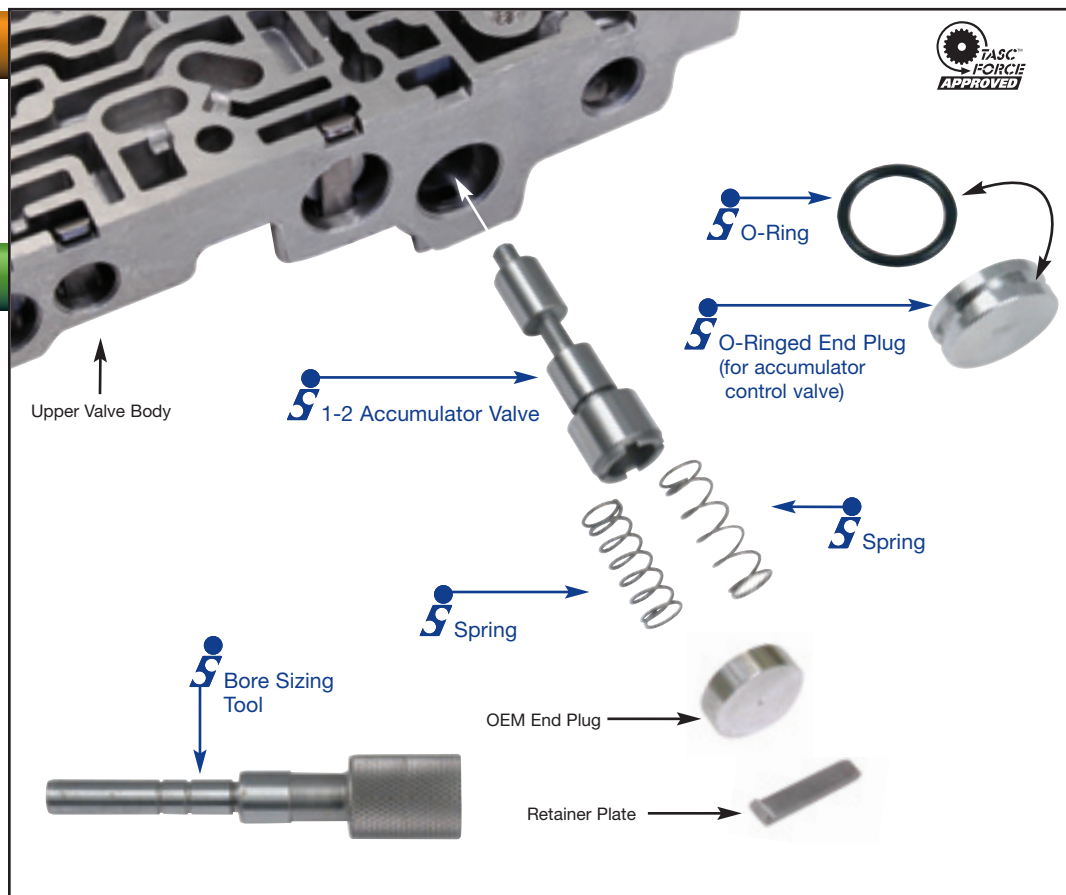
'01 & Earlier



### 63940-BST

1 Bore Sizing Tool

**Note:** Does not fix 2000 or later Maxima or any 2002 or later valve bodies.



### Sonnax Part Summary

Sonnax now offers an accumulator valve kit, **63940-02K**, for the RE4FO4A and 4F20E applications. The kit includes a slightly oversized 1-2 accumulator valve that allows the valve bore to be burnished to remove ridges and to restore hydraulic clearances. The kit also includes two stronger springs, which allow accumulator pressure to be increased to reduce potential valve sticking. Also included in the valve kit is an o-ringed end plug for the accumulator control valve in the lower valve body. This plug prevents valuable EPC oil loss and properly positions the valve for maximum pressure control.

### Features & Benefits

- Slightly oversized 1-2 accumulator valve restores hydraulic clearances.
- Bore sizing tool eliminates bore ridges that cause the 1-2 accumulator valve to stick.
- Two stiffer springs included for tuning accumulator pressure.
- O-ringed end plug at accumulator control valve gives improved accumulator pressure control and position.