

## COMPLAINT

SECONDARY COMPLAINTS

## Engine surge while at idle

- Reduced cooler flow • Reduced release pressure

## CAUSE

Low converter release pressure at idle.

## CORRECTION

The Sonnax replacement pressure regulator valve allows regulated flow to the converter charge/lube circuit at vehicle idle, while preventing converter or pump drainback.

## Line-to-Lube Pressure Regulator Valve

### 34200-14K

Line-to-Lube Pressure Regulator Valve

Patent Pending

Also available:

**34200-01K** O-Ring Style

**34200-03K** Factory Style

**34200-10K\*** Self-Regulating

Each kit includes the following

Boost Valve & Sleeve Kit

\*U.S. Patent No. 6,776,736

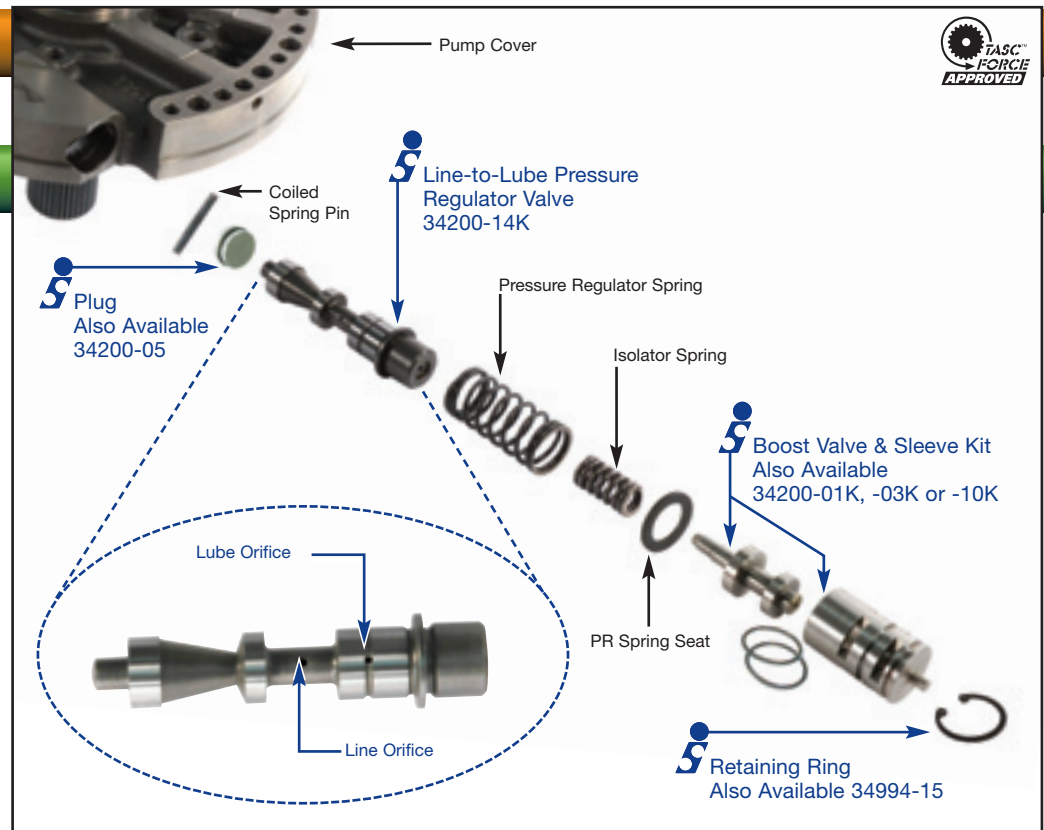
### 34200-05

5 End Plugs

5 O-Rings

### 34994-15

10 Retaining Clips



### Sonnax Part Summary

The OEM pressure regulator valve design prevents adequate cooler flow at low RPM and high pressure/demand conditions, which can create overhear complaints. Additionally, in '99-up vehicles, the factory EPC pressure was set high at idle, resulting in engine surge conditions. The Sonnax line-to-lube pressure regulator valve provides a significant increase in cooler flow under low RPM and high pressure conditions that benefits all vehicles, and eliminates the need for reprogramming '99-up vehicles with high EPC pressure at idle.

### Features & Benefits

- Replacement pressure regulator valve has an encapsulated check valve that allows regulated flow to the converter charge/lube circuit at vehicle idle.
- Check valve prevents converter or pump drainback.
- Improves converter release pressure.
- Prevents engine surge at idle in '99-up vehicles.

Save

\$100 In pump replacement costs