

## COMPLAINT

SECONDARY COMPLAINTS

## 3-4 clutch failure, excessive pump noise

• Low line pressure during boost • Reverse chatter • Clutch slippage

## CAUSE

Pressure regulator valve bore wear allows leakage and contributes to erratic pump slide movement.

## CORRECTION

Repair the valve bore and restore pressure control to the system with this oversized pressure regulator valve and reamer kit.

## Pressure Regulator Valve Kits

**77917-06** 4L60

**77917-07** 4L60-E

Each includes the following

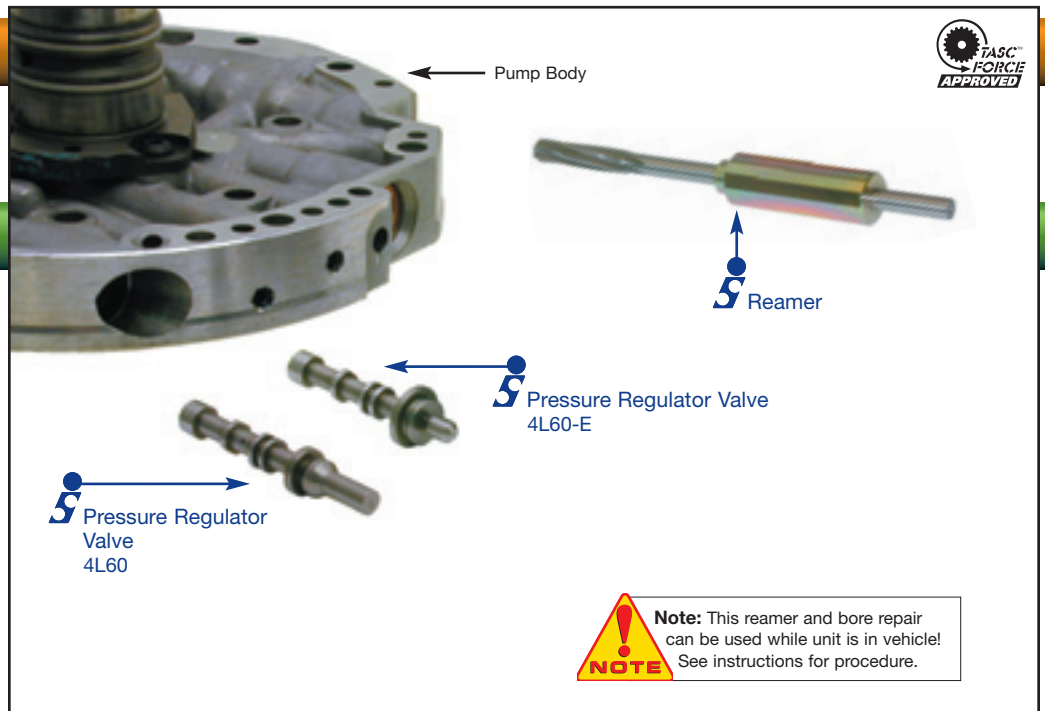
1 Regulator Valve



**77917-TL**

1 Reamer & Drill Jig

**Note:** Reamer and drill jig are the same for both the 4L60 & 4L60-E.



### Sonnax Part Summary

A worn OEM pressure regulator valve can be detected in two ways. The first is a dynamometer test that reveals low line pressure during boost conditions (look for 50-100 psi less than specified in Reverse). The second is vehicle symptoms such as clutch slippage, reverse chatter, and 3-4 clutch failure. Any of the above problems indicate a worn pressure regulator valve that should be replaced. Sonnax now offers an oversized pressure regulator valve for the 4L60, **77917-06**, and the 4L60-E, **77917-07**. The Sonnax valve permits pump covers to be restored to OEM specifications despite wear and leakage at the pressure regulator valve.

### Features & Benefits

- The pump cover is reworked using the Sonnax Reamer and Guide Kit **77917-TL**, which refinishes and prepares the valve bore to accept the oversized PR valve
- The PR valve helps restore control over the pressure regulating circuit by eliminating leakage.
- Kit can be installed with unit still in vehicle.

