

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-TLC

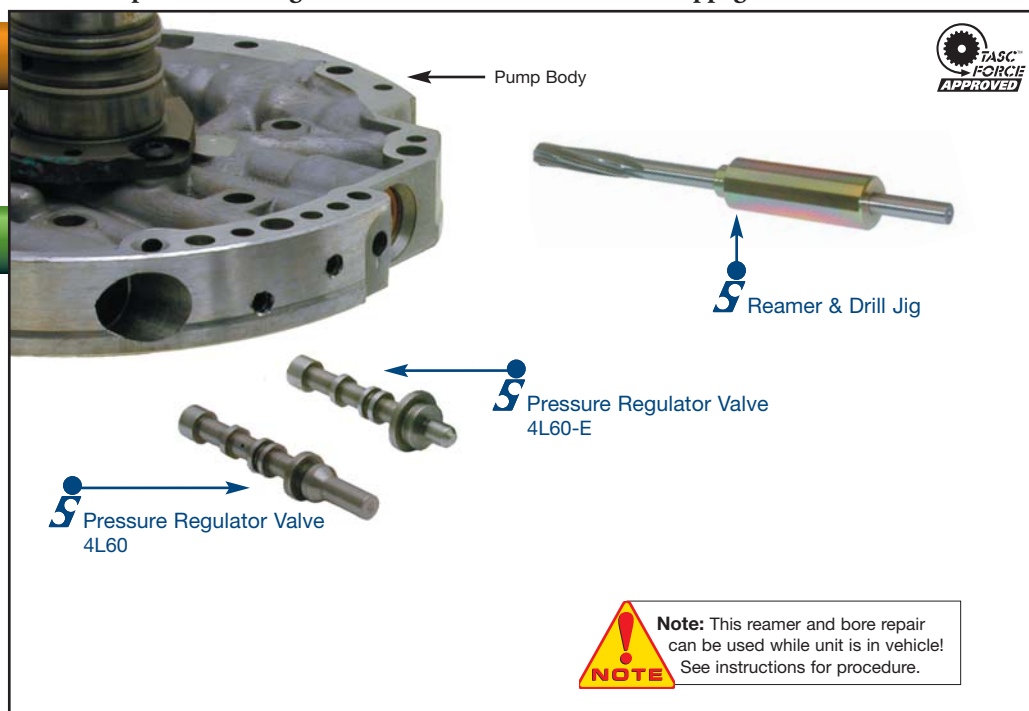
1 Carbide Reamer & Drill Jig

77917-TL

1 High Speed Steel Reamer & Drill Jig

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

Carbide tool kit will provide increased tool life over high speed steel.



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-TLC** or **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.