

Pressure Regulator Valve Kit

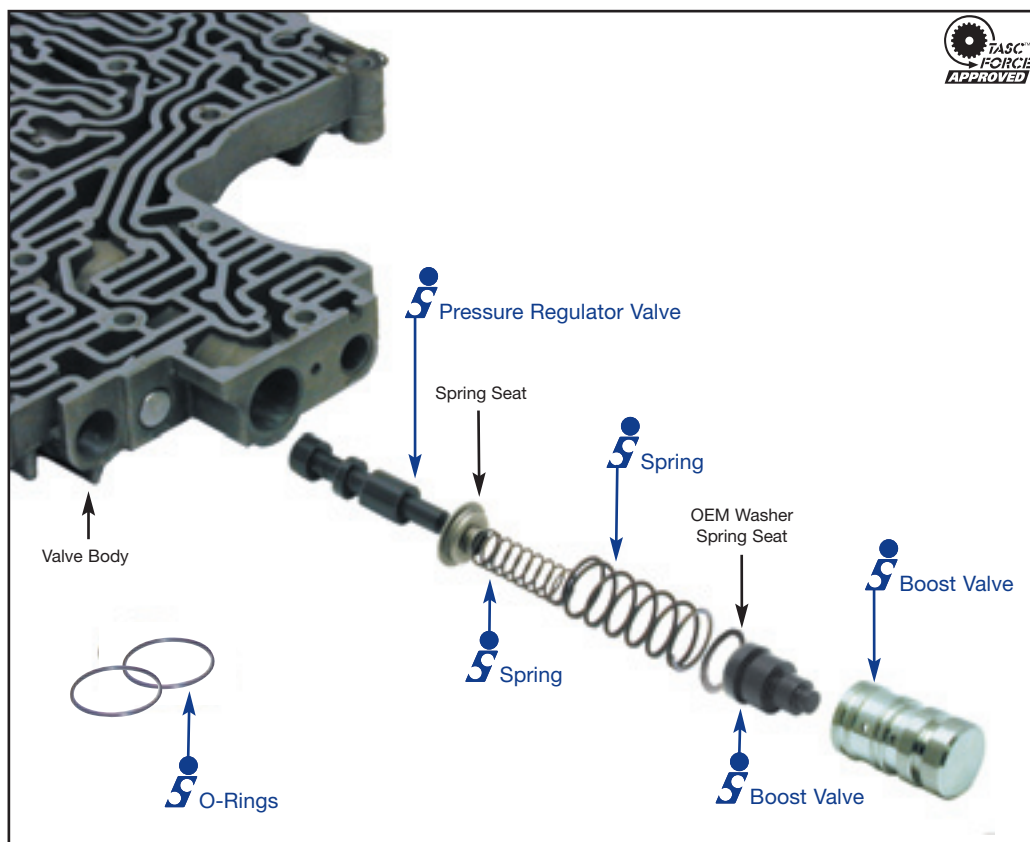
56947-06K

- 1 Pressure Regulator Valve
- 2 Springs
- 1 High Ratio Boost Valve & Sleeve Assembly
- 2 O-Rings



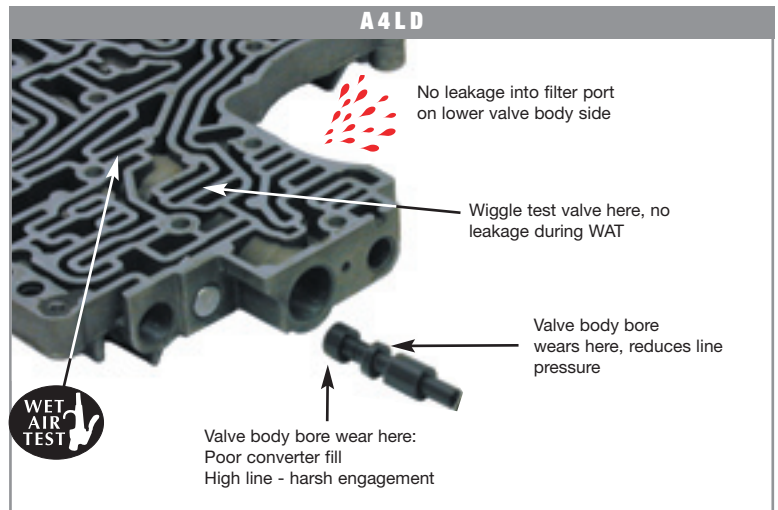
56947-TL

- 1 Reamer
- 1 Drill Jig



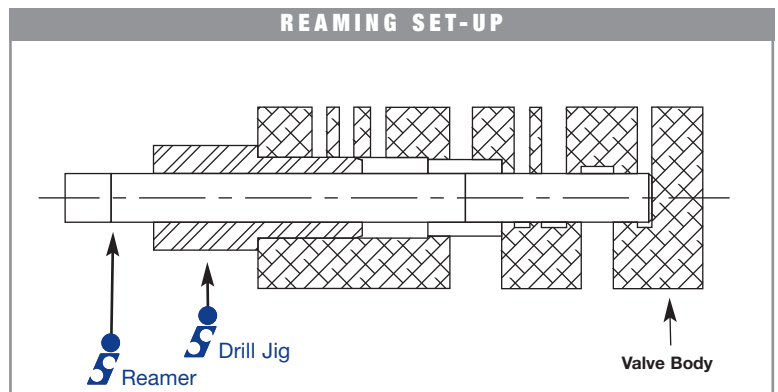
Wet Air Test

Perform a Wet Air Test to determine if the valve body bore is worn at the pressure regulator valve. Place a small amount of oil into the line circuit (see illustration to right). Follow with low air pressure. If air/oil leaks excessively from the converter apply circuit or the exhaust ports, the bore should be resized and an oversized valve installed.



Reaming Instructions

1. Clamp valve body to bench with open circuits up.
2. Fill bore with cutting fluid (kerosene, Tap Magic®, etc.).
3. Insert the drill jig into the bore as illustrated.
4. Use T-handle or speed handle to ream. Never turn the reamer backward.
5. Clean out - blow free the chips before removing the reamer.
6. Remove any remaining debris from the bore.
7. Fit the Sonnax valve. If snug, repeat the procedure with an air drill at 500-600 rpm.



Installation Instructions

To install the A4LD replacement valve, refer to the illustration for proper orientation and sequence. If replacing an early model pressure regulator valve (one solenoid valve body), reuse the OEM springs. If replacing a late model valve (two-solenoid valve body), discard the 2 OEM springs and instead use the Sonnax replacement springs.

Replace the existing boost valve and sleeve with the replacement high ratio boost valve and o-ringed sleeve.

