

COMPLAINT

SECONDARY COMPLAINTS

Harsh shift complaints

- Harsh 1-2 • Soft shifts

CAUSE

Continuous oscillation of the accumulator pressure control valve in the cast aluminum body causes bore wear, which can affect accumulator control pressure.

CORRECTION

The Sonnax kit contains an oversized valve that allows the worn valve body bore to be refurbished and restores pressure control.

Oversized Accumulator Pressure Control Valve

36948-20K

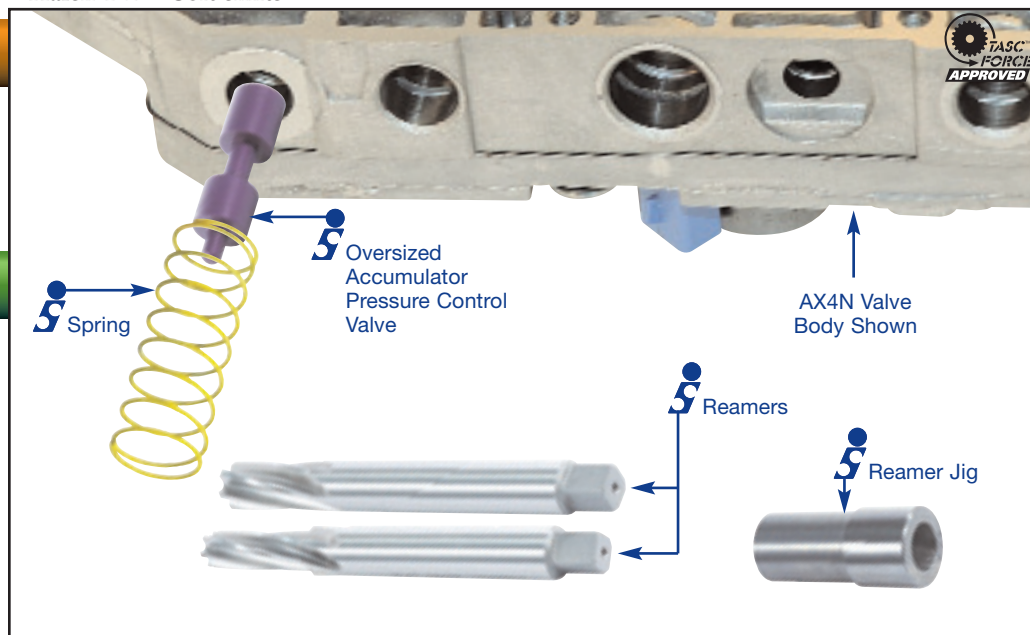
- 1 OS Accumulator Pressure Control Valve
- 1 Spring



36948-TL

- 2 Reamers
- 1 Reamer jig

Note: Tool kit also works in E4OD and 4R100 applications.



Sonnax Part Summary

Continuous oscillation of the accumulator pressure control valve in the cast-aluminum body causes bore wear, which can affect accumulator control pressure. Wear at the balance port area can prevent the valve from stroking properly, which causes too much resistant pressure to the accumulator pistons and results in harsh shifts. Wear at the outboard spool can allow line pressure to leak to exhaust, resulting in decreased accumulator control pressure and soft shifts. The oversized Sonnax accumulator pressure control valve for the '95-'97 AX4N, **36948-20K**, allows the worn valve body bore to be refurbished and restores pressure control to the accumulator control pressure circuits.

Features & Benefits

- Valve is manufactured from hard-anodized aluminum to resist wear.
- Oversized valve allows bore refurbishing to eliminate excessive clearance and restore hydraulic integrity.
- Recalibrated spring has been added to compensate for the oversized valve and restore proper shift feel.
- Reamer kit **36948-TL** allows you to enlarge the bore to accept an oversized valve, and works for the '95-'97 AX4N as well as E4OD and 4R100 applications.

Save

\$250 in valve body replacement costs