

COMPLAINT

SECONDARY COMPLAINTS

Pump noise, no movement until RPM increased

- Delayed engagements
- Low line pressure

CAUSE

The pump flow control canister and plunger valve wear, allowing the plunger valve to stick open and/or leakage to occur. The canister o-ring relaxes and pressure bleeds past it.

CORRECTION

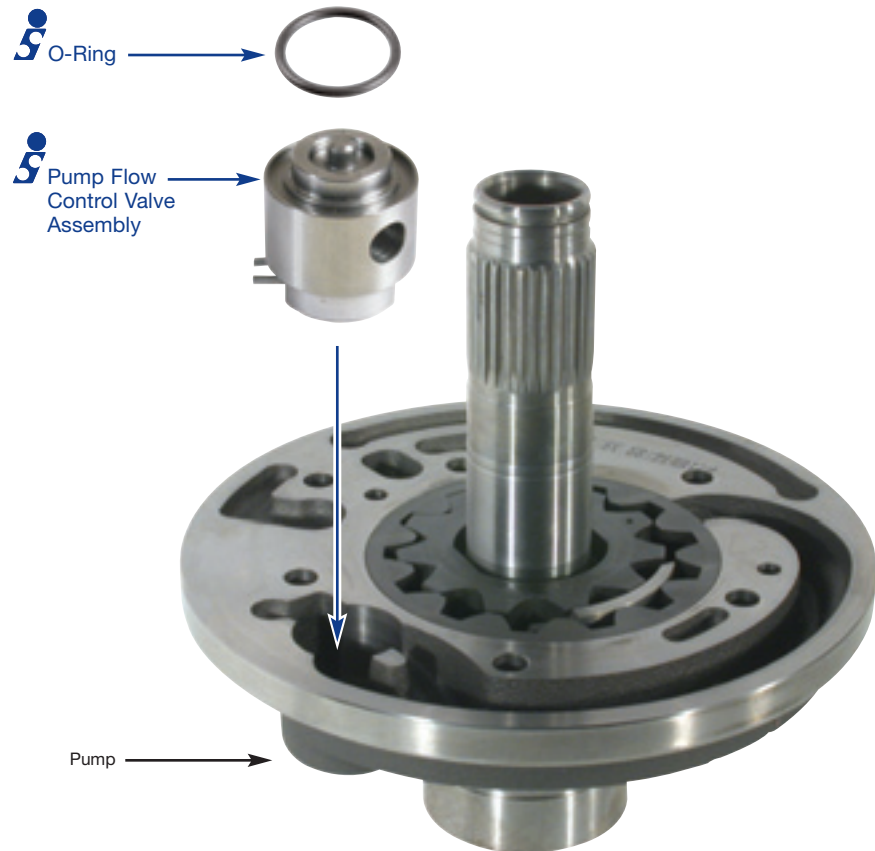
This drop-in-place assembly includes a harder canister with more support for the plunger valve, which prevents sticking. The assembly also includes a case-hardened plunger valve with self-centering annular grooves, a replacement spring, and larger o-ring for improved sealing.

Pump Flow Control Valve Assembly

56200-03K

1 Pump Flow Control Valve Assembly
1 O-Ring

Note: Product supersedes 56200-02K



Sonnax Part Summary

The OEM flow control valve is designed to increase pump efficiency by rerouting excess line pressure back to the suction side of the pump. It is common for the plunger valve to become stuck open, or for the canister to wear. This decreases line pressures and results in delayed engagements. The Sonnax pump flow control valve assembly eliminates the sticking and wear problems with redesigned and precisely machined parts.

Features & Benefits

- Harder canister material resists wear and has improved valve support to prevent sticking.
- Plunger valve is made from case-hardened steel and has annular grooves to prevent side loading.
- Larger o-ring eliminates pressure loss at the pump face.
- Canister restores the regulated line orifice to improve valve and hydraulic stability.
- Drop-in-place replacement assembly for easy installation.