

COMPLAINT

SECONDARY COMPLAINTS

Soft 1-2 and 2-3 shifts, delayed reverse

- Poor line rise • Reverse shudder

CAUSE

A worn boost sleeve.

CORRECTION

The Sonnax assembly restores hydraulic integrity and provides a positive seal with the pump bore.

Reverse Boost Valve & Sleeve

34910-01K

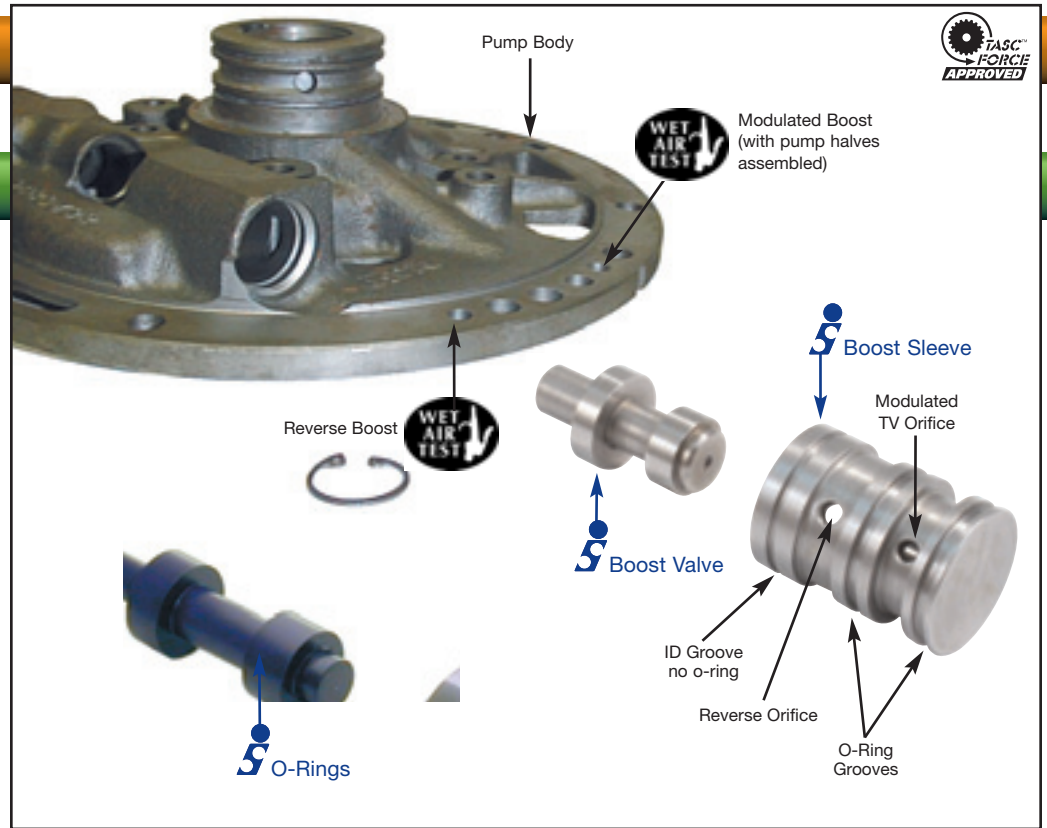
- 1 Boost Valve
- 1 Boost Sleeve
- 2 O-Rings

Also Available:

34910-03K '71 & later only
Pressure Regulator Kit

34910-06K

End Plug for Pressure Regulator Valve
(also included in 34910-03K)



Sonnax Part Summary

Vehicles with a THM 400 transmission frequently have poor line rise, soft 1-2 and/or 2-3 shifts, and/or reverse engagement difficulties. These problems can be caused by the reciprocating reverse boost valve wearing the inside diameter of the boost sleeve. When this occurs, oil that enters the modulated throttle valve orifice leaks past the boost valve and exhausts through the reverse orifice or to the sump, resulting in poor line rise. Also, reverse oil can exhaust both to the sump and back through the modulated TV orifice. The outside diameter of the boost sleeve also allows some leakage through the pump body, which can increase boost oil loss. The Sonnax replacement assembly 34910-01K eliminates the above problems.

Features & Benefits

- Closely toleranced boost valve and o-ringed sleeve are manufactured from high-quality steel.
- O-rings provides additional protection against leakage through the pump body to assist in maintaining pressure in the circuits that supply the boost valve.
- Kit uses the same valve spool diameters as the OEM version to retain factory shifts.

Save \$75 in pump cover replacement costs

