

COMPLAINT

SECONDARY COMPLAINTS

Slipping or loss of forward gears

- Burned forward clutch • Delayed forward engagement

CAUSE

Wear at the forward engagement valve bore can prevent proper valve positioning, allowing forward clutch feed pressure to be reduced.

CORRECTION

Refurbish the valve bore and install the Sonnax sleeve, valve and spring to restore proper hydraulic function and prevent future wear.

Forward Engagement Valve Kit

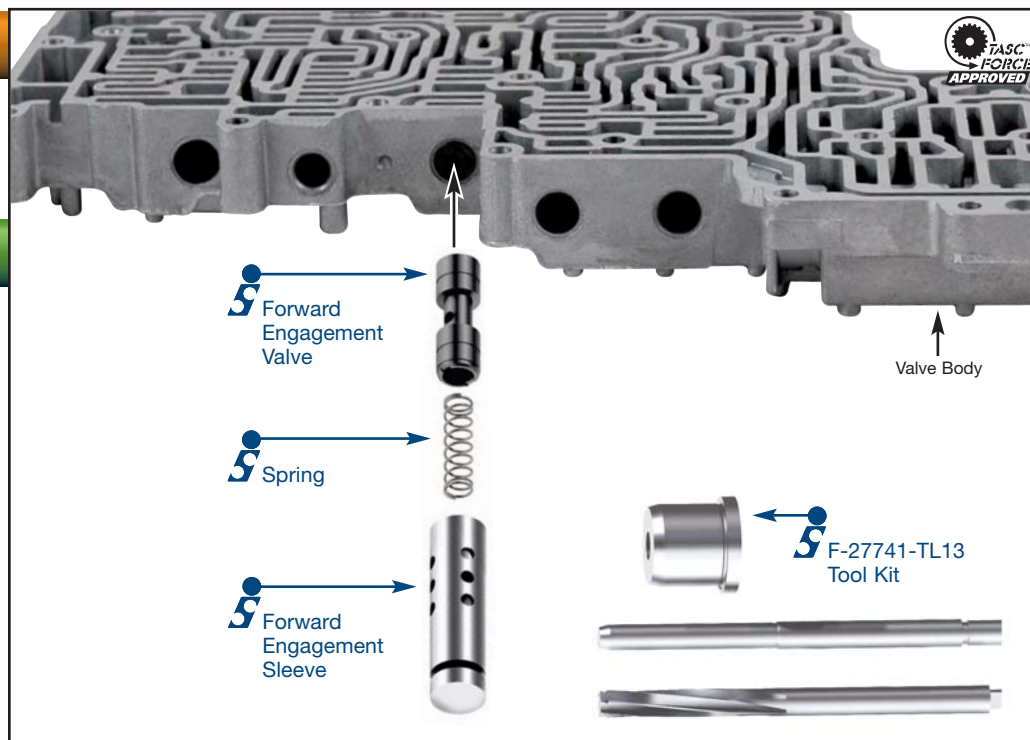
56947J-26K

- 1 Valve
- 1 Sleeve
- 1 Spring



F-27741-TL13

- 1 Reamer
- 1 Guide Pin
- 1 Reamer Jig



Sonnax Part Summary

Line pressure from the manual valve is routed through the forward engagement valve in all forward gears prior to applying the forward clutch. Excessive wear at the valve bore or end plug can prevent solenoid feed oil pressure from correctly positioning the engagement valve or allow forward clutch feed pressure to exhaust. This reduced pressure can result in slipping or loss of forward gears, burned forward clutches or delayed forward engagement.

Features & Benefits

- Sleeve manufactured from highly wear-resistant aluminum incorporates the end plug to prevent instability and wear, and provides more sleeve/valve contact for better hydraulic sealing.
- Anodized aluminum valve incorporates annular grooves to hydraulically center valve and prevent wear.
- Tool kit can be used in 2 additional 5R55W/S bores, as well as a Toyota U150/U250E application.

You need this if...

A Wet Air or Vacuum Test in the location shown, results in leakage.
A Vacuum Test should read a minimum of 18" vacuum.

