

COMPLAINT

SECONDARY COMPLAINTS

Slipping or Loss of Reverse

- Burned direct clutch • Delayed reverse engagement

CAUSE

Wear at the reverse engagement valve bore can prevent proper valve positioning, allowing reverse pressure, which applies the direct clutch, 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.

Reverse Engagement Valve Kit

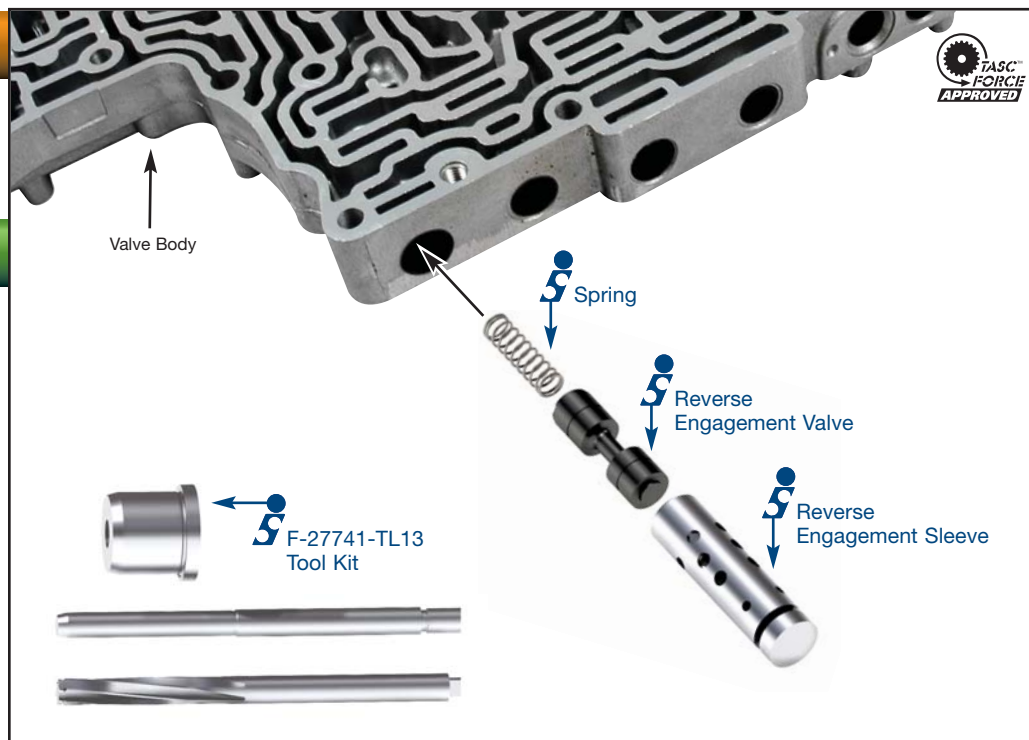
56947J-29K

- 1 Valve
- 1 Sleeve
- 1 Spring



F-27741-TL13

- 1 Reamer
- 1 Guide Pin
- 1 Reamer Jig



Sonnax Part Summary

Reverse pressure from the manual valve is routed through the reverse engagement valve prior to applying the direct clutch. Excessive wear at the valve bore can prevent solenoid feed oil pressure from correctly positioning the engagement valve, allowing reverse pressure to be reduced. Low reverse pressure can result in slipping or loss of reverse gear, burned direct clutches or delayed reverse 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 applications.

You need this if...

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

