

COMPLAINT

SECONDARY COMPLAINTS

Poor reverse boost, delayed reverse

• Low line pressure • Poor upshift in manual low

CAUSE

Worn reverse boost valve sleeve or wear at pump body.

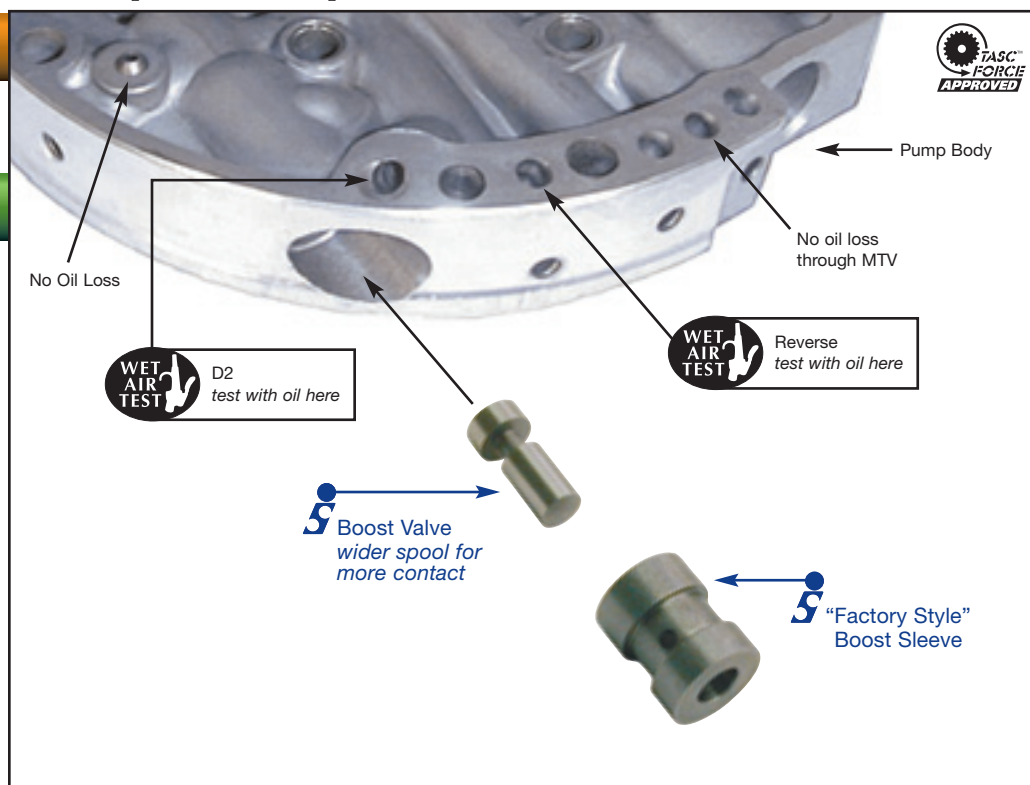
CORRECTION

This large reverse boost valve assembly is made from hardened steel and prevents leakage at the valve.

"Factory Style" Large Reverse Boost Valve & Sleeve Kit

K77898A

1 Boost Valve
1 Boost Sleeve



Sonnax Part Summary

Vehicles with a 700-R4 transmission often have complaints of poor reverse boost or upshifts in manual low. This complaint is generally caused by a worn reverse boost valve sleeve or wear at the pump body. Sonnax now offers the larger (.283") "Factory style" reverse boost valve assembly **K77898A**. The sleeve and valve are made from hardened steel, and tight tolerances are maintained to restore the hydraulic integrity of the assembly.

The sleeve lands have also been lengthened to add better sealing and stabilizing capabilities to prevent future bore wear. Due to the differences in thermal expansion rate of steel and aluminum, when the transmission approaches operating temperature the sleeve is allowed excessive clearance and scrubs the bore. The reverse boost valve spool lands have also been lengthened to aid in maintaining hydraulic integrity.