

COMPLAINT

SECONDARY COMPLAINTS

Pump seal leakage, converter slip codes, loss of prime

• Various switch codes • Reduced cooler flow • Lower pump volume • Pump noise

CAUSE

Pump body bores vary in diameter. Standard replacement bushings often result in excessive hub-to-bushing clearance.

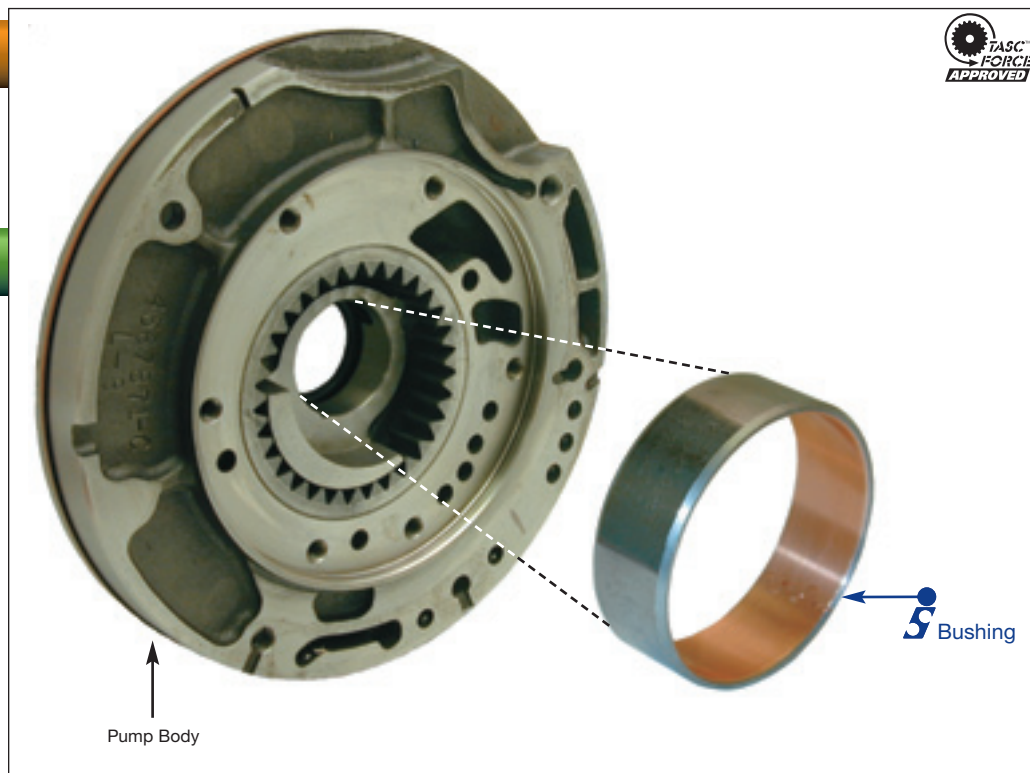
CORRECTION

This improved fit replacement bushing restores proper hub-to-bushing clearance.

Front Pump Bushing

12502-01

5 Front Pump Bushings



Sonnax Part Summary

Excessive torque converter hub-to-pump bushing clearance is a root cause of code 38, TCC slip codes, front seal leakage, loss of prime code 35, and pump noise. The OE bushing is machined in place, allowing a wide tolerance on pump housing bore diameters. Bore diameters can vary by more than .003". This wide tolerance is a problem when using standard replacement bushings. Standard replacement bushings will often have .008" or more hub-to-bushing clearance with an average 10 times more oil loss than the Sonnax improved fit bushing. The Sonnax improved fit pump bushing **12502-01** will restore the clearance necessary for proper operation. The Sonnax bushings should be used when the housing diameter is greater than 1.6175", which will be in most cases.

Features & Benefits

- Allows precision clearances with wide tolerance pump bushings.
- Does not require machining to restore correct clearance.

Save

\$75 in pump replacement costs