

COMPLAINT

SECONDARY COMPLAINT

TCC apply & release problems

- Cross leakage of converter release oil and lube or forward clutch pressure

CAUSE

A worn stator support ID at the input shaft sealing ring area allows oil leakage.

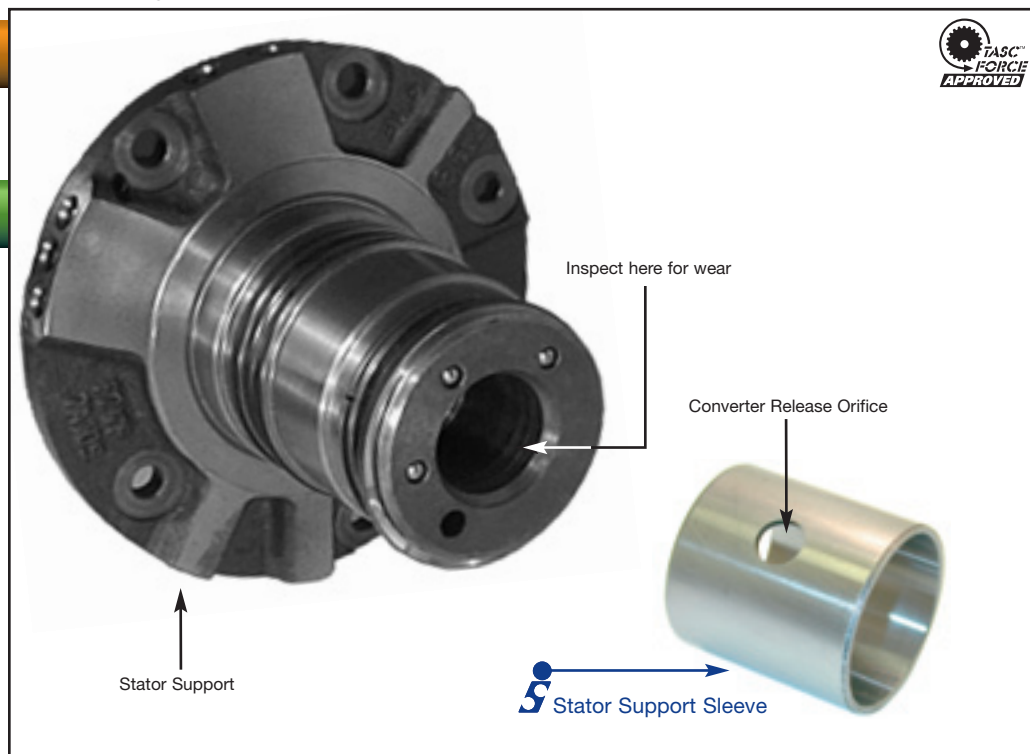
CORRECTION

Machining the stator support to accept the Sonnax sleeve provides a new surface for the Teflon® sealing rings to isolate lube and release oil for the torque converter.

Stator Support Sleeve

76204-01

1 Sleeve



Sonnax Part Summary

Vehicles with an AODE and 4R70W transmission frequently have torque converter clutch apply and release problems as well as oil loss in various circuits. The sealing ring area on the input shaft can cause severe wear of the stator support, allowing oil circuit cross leakage. Converter release oil is fed through this area to release the TCC from the cover. When the lockup valve moves, this oil exhausts through the shaft. If the stator support bore is worn, the seals do not function properly. This can allow lube to flood the release circuit and create no lockup or shudder. Sonnax has developed a hardened steel sleeve **76204-01** that will eliminate these problems.

Features & Benefits

- Precision sleeve is designed to be pressed into a pocket machined in the back of the stator support, providing a new seal surface and restoring oil circuit integrity.
- Hardened steel sleeve resists wear.
- Sleeve supplies additional support to the input shaft.