

COMPLAINT

SECONDARY COMPLAINT

Reverse drum, retainer and planet failure

- Loss of lube oil to the gear train

CAUSE

Excessive clearance between the overdrive piston retainer and intermediate shaft reduces lube flow to the gear train.

CORRECTION

Seal compensates for variations in case I.D. Oil is delivered to maximum load points on shaft. Optional oversized reverse drum journal allows salvage of reverse drum.

Upgraded Piston Retainer

22754N-01K

Standard Diameter 46-47RH/RE
6-Bolt Piston Retainer

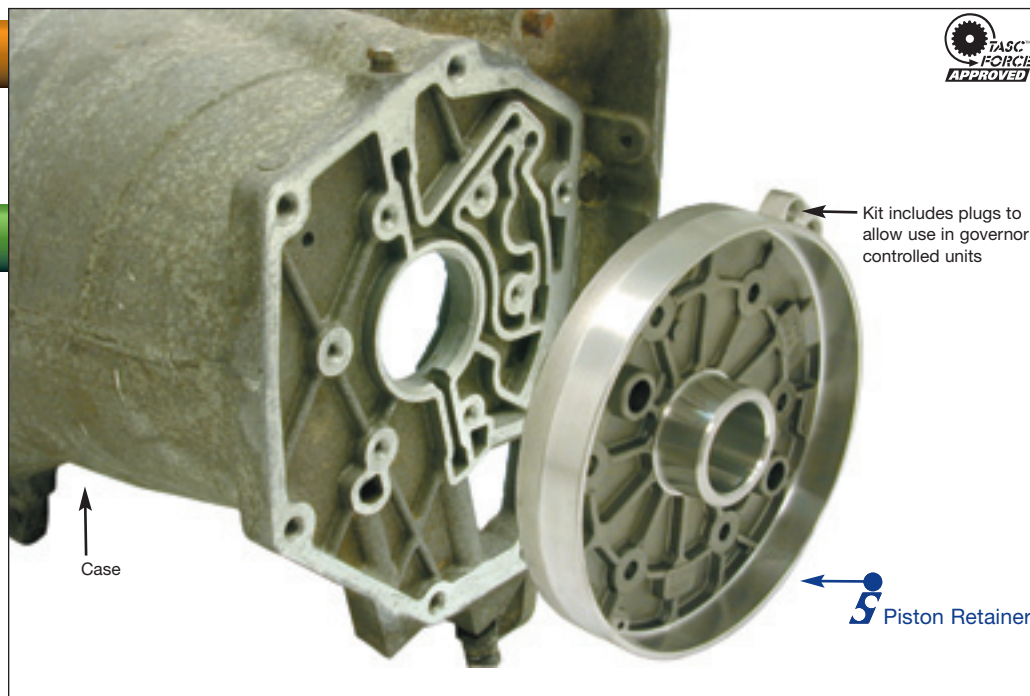
22754N-02K

Oversized Diameter
46-47RH/RE
6-Bolt Piston Retainer



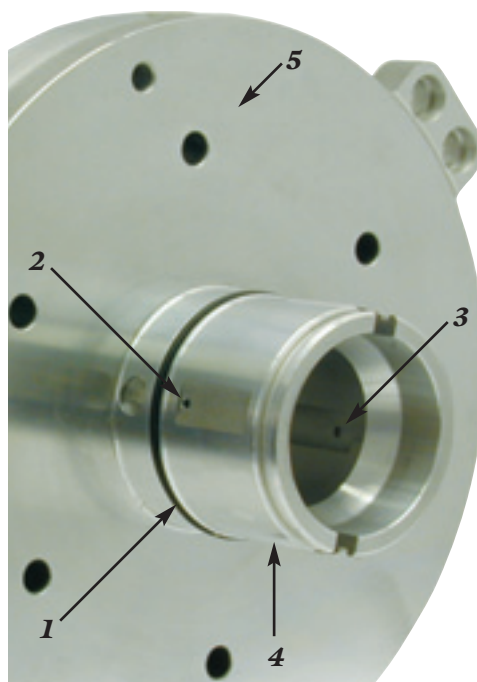
Note: Oversized diameter allows damaged reverse drum to be salvaged.

Note: U.S. Patent No. 6,810,771



Sonnax Part Summary

Sonnax offers an upgraded standard replacement **22754N-01K** and an oversized **22754N-02K** piston retainer to allow rebuilders to salvage the expensive reverse drum. The oversized piston retainer requires turning the I.D. of the drum using a lathe and then installing as normal.



Features & Benefits

1. O-ring prevents loss of lube oil. Many OEM supports do not seal well in this area.
2. Two O.D. oil delivery grooves have been repositioned at high load areas.
3. Two I.D. oil delivery grooves run full length of load-bearing surface.
4. Drum support diameters come in either standard and oversized versions to allow drum I.D to be machined.
5. High-quality aluminum resists gauling.

