

COMPLAINT

SECONDARY COMPLAINT

Reverse drum, retainer and planet failure

- Loss of lube oil to the gear train

CAUSE

Excessive clearance between the over-drive 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

Standard Diameter 42RH/RE

12962N-01K

6-Bolt Piston Retainer

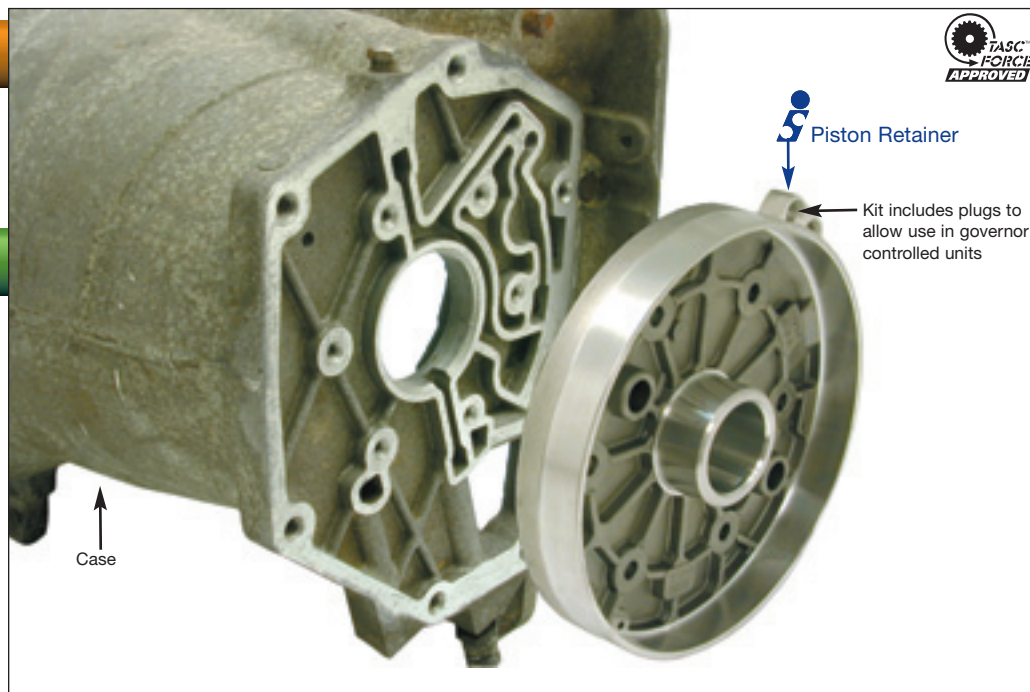
Oversized 42RH/RE

12962N-02K

6-Bolt Piston Retainer

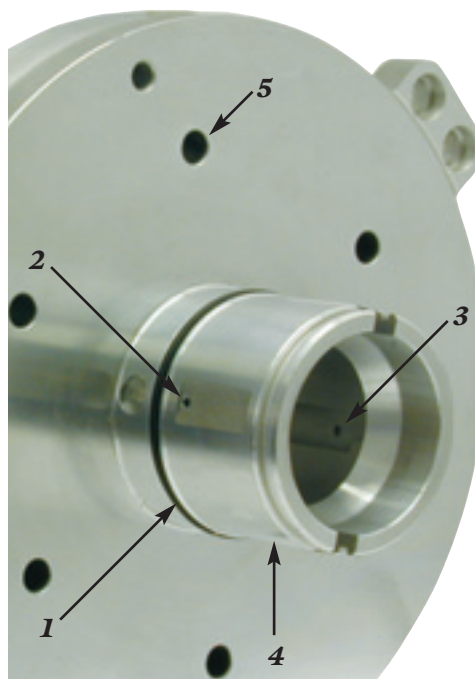
Allows damaged reverse drum to be machined and salvaged.

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



Sonnax Part Summary

Sonnax is now offering an upgraded standard replacement **12962N-01K** and an oversized **12962N-02K** piston retainer to allow rebuilders to salvage the expensive reverse drum. The oversized piston retainer requires only 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 Band drum diameter (standard and oversized) allows drum I.D. to be turned.
- 5 High-quality aluminum resists gauling.