

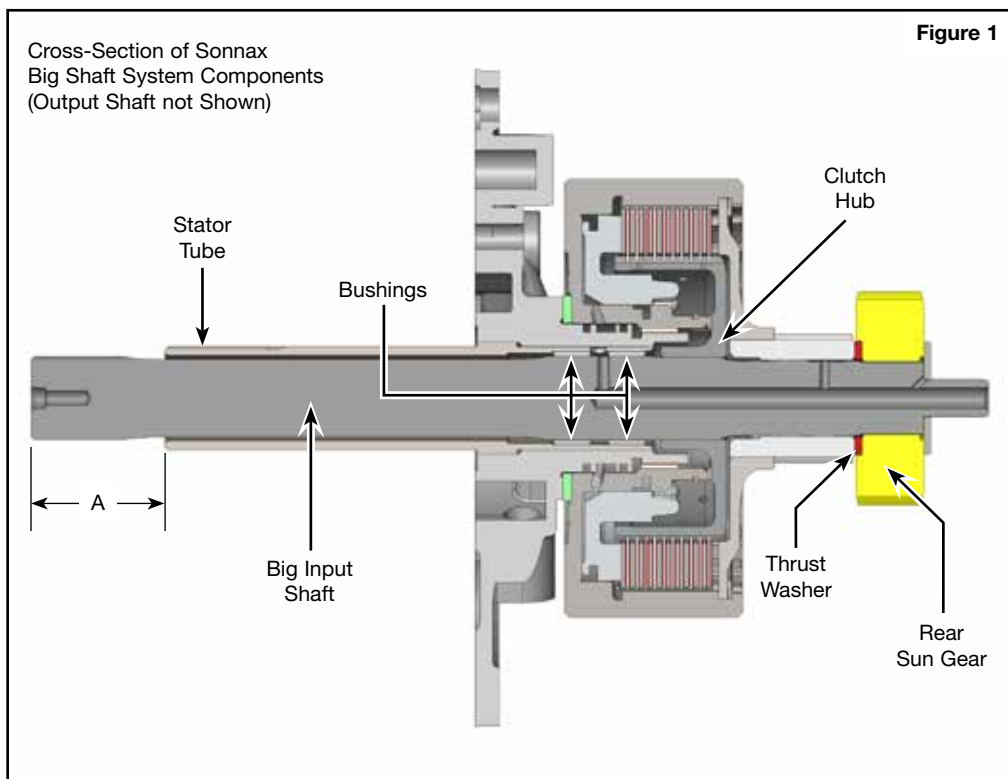
Big Input Shaft Kit

Part No.
353532-01K

- Shaft
- Clutch Hub

NOTE: This kit is one of the essential components of the Sonnax Powerglide big shaft system. Using this system requires changing to a 35-spline turbine hub. For details, visit www.sonnax.com/powerglide.

GM Powerglide



1. Install Components

- a. Follow pump cover machining and assembly instructions in Sonnax big input shaft stator tube kit **28154S-125** and planetary assembly instructions in Sonnax big shaft rear sun gear kits **15832-RSK** or **16532-RSK**
- b. Install Sonnax big shaft clutch hub into drum.
- c. Install all related transmission components into transmission case.

2. Final Check

- a. With internal parts pre-loaded to the rear, measure protrusion of input shaft (**Location "A", Figure 1**). If this measurement is less than 1.750" (+/- .010"), there is a chance that the rear stator tube bushing could restrict lube flow to the input shaft cross-hole.
- b. With internal parts pre-loaded to the front, measure protrusion of input shaft (**Location "A", Figure 1**). If this measurement is greater than 1.870" (+/- .010"), there is a chance that the front stator tube bushing could restrict lube flow to the input shaft cross-hole.
- c. Reference instructions for Sonnax big shaft stator tube kit **28154S-125** regarding bushing installation. The bushings are .500" wide and, when installed, allow for about .120" front-to-rear movement of the input shaft without restricting lube flow to the input shaft cross-hole. If additional allowance for front-to-rear movement of the input shaft is desired, the bushings can be machined to .425" width before installing.