



TCI® Powerglide Input Shafts

- 749200 1:82 Planetary with Turbo Splines (6418 Steel Billet)
- 749201 1:82 Planetary with Turbo Splines (VASCO)
- 749600 1:76 Style Planetary with Turbo Splines (6418 Steel Billet)
- 749601 1:76 style Planetary with Turbo Splines (VASCO)
- 749602 1:76 style Planetary with Turbo Splines (Pro-X style)

This kit contains: One (1) Input Shaft and One (1) Stator Support Bushing

Installing a TCI® hardened input shaft will help solve the problem of a twisted or broken input shaft. We have manufactured our TCI® 749200 and TCI® 749600 from Aircraft Quality 6418 Steel Billet. The 749201 and 749601 are manufactured from VASCO 300 material. The 749602 is made from our Pro-X material. Our input shafts are heat treated to a special hardness of 52 Rockwell. With the Turbo-splined input shaft, you can use a turbo 350 or 400 torque converter with a Powerglide transmission.

NOTE: Failure to install stator support bushing will cause transmission and converter damage. If converter already has bushing, this does **NOT** need to be done. Installation of the bushing will require minor machine work to the transmission stator support. You may purchase a TCI® 743600 stator support with bushing installed.

Step 1 Check input shaft for overall length and correctness of application: TCI® 749200 & 749201 12-5/8" Long, TCI® 749600, 749601 & 749602 12-7/8" Long.

Step 2 Remove the transmission stator support. Machine stator support to 1.126" I.D. (See Photo) Deburr and clean stator support. Tap stator support bushing into place.

Step 3 Reinstall stator support into transmission & lubricate the transmission end of the input shaft and complete transmission/converter installation.

TCI® Gerotor Pump Part Numbers

743500	Cast Iron Ring Style
743520	Aluminum Ring Style
743510	Cast Iron Ringless for TCI 749603 Input Shaft
743525	Aluminum Ringless for TCI 749603 Input Shaft

