

1.69 Ratio Extreme Planetary Assembly Kit

Part No.

28169G-NS

- Carrier Assembly
- Front Sun Gear & Drum Flange ^{24-Tooth}
- Ring Gear
- Bolts (6)
- Rear Sun Gear Thrust Washer ^{PTFE Coated}

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.

This kit does not include the output shaft or rear sun gear.

The 24-tooth drum flange is designed to work exclusively with a Sonnax clutch drum.

Visit www.sonnax.com/powerglide for details on the Sonnax Powerglide big shaft system.

GM Powerglide



Installation

Install Sonnax rear sun gear, thrust washer and output shaft following instructions in Sonnax rear sun gear kit **16932-RSK**.



Notes & Cautions

Pre-Drilled Ring Gear

Ring gear has been pre-drilled to accept Sonnax ring gear stabilizer kit **28510-S2**.

Clutch Drum End Play

Due to expansion of high clutch drum when high clutch applies, set end play to a minimum of .020".

Use Premium Oil

Use premium oil For maximum gear longevity, a premium oil is required. Avoid non-synthetic Type F and low-cost Dex/Merc fluids as these oils are not suitable for the high loads in a racing gearset. Consider partial or fully synthetic THF (tractor hydraulic fluid) used in wet-clutch gear box applications or other premium fluids.

Do Not Use Case as an Electrical Ground

Do not use case as an electrical ground. Electrical arcing has been found in racing Powerglide gearsets. Typical 16 Volt systems draw 25% more amperage through all electrical devices. To prevent electrical arcing within the gearset inside the transmission, do NOT use the transmission case as an electrical ground. All solenoids and electrical devices should have dedicated ground wires, of suitable gauge, run to a ground stud that is grounded by wire directly to the battery.