

## 1.80 Ratio Big Shaft Rear Sun Gear Kit

### Part No.

# 18032-RSK

- Rear Sun Gear 32-Spline
- Thrust Washer

**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](http://www.sonnax.com/powerglide).



**WARNING:** When dealing with existing Sonnax planetary assembly, the six bolts holding the output shaft to carrier housing are held in place with Loctite<sup>®</sup>. It is often helpful to heat the housing and bolts with a heat gun to aid in bolt removal.

## GM Powerglide



### Instructions

1. With output shaft removed, install Sonnax rear sun gear into planetary assembly. The larger recess on the rear sun gear goes towards the front, the small recess goes towards the rear.
2. Place Sonnax rear sun gear to output shaft thrust washer (1-1/2" O.D. x 1/2" I.D.) into recess in output shaft. Hold in place with assembly lube.
3. Install output shaft onto planetary assembly.
4. Apply Loctite<sup>®</sup> or equivalent to six bolts, install and torque to 30 ft-lb.
5. Place front sun gear to rear sun gear thrust washer (1-1/2" O.D. x 1" I.D.) into recess in front of rear sun gear. Hold in place with assembly lube.

