

Planetary Rebuild Kit



Part No.

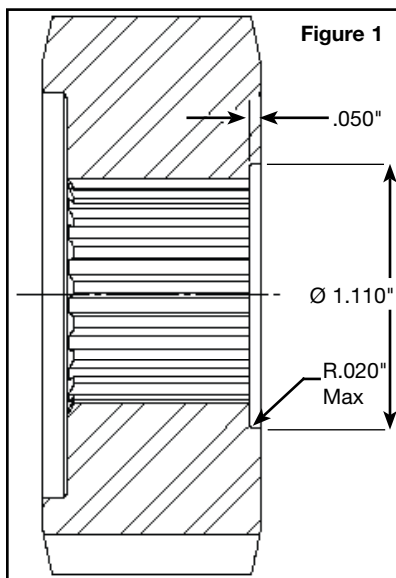
28922-01HDK

- Pinion Pins (6)
- Needle Rollers (185)
- Thick Pinion Roller Spacers (3)
- Thin Pinion Roller Spacers (12)
- HD Figure 8 Thrust Washers (3)
- HD Rear Tab Thrust Washers (6)
- HD Rear Sun Gear Thrust Washer with Bearing
- Retainer Plate
- Endplay Shim
- Screws (3)

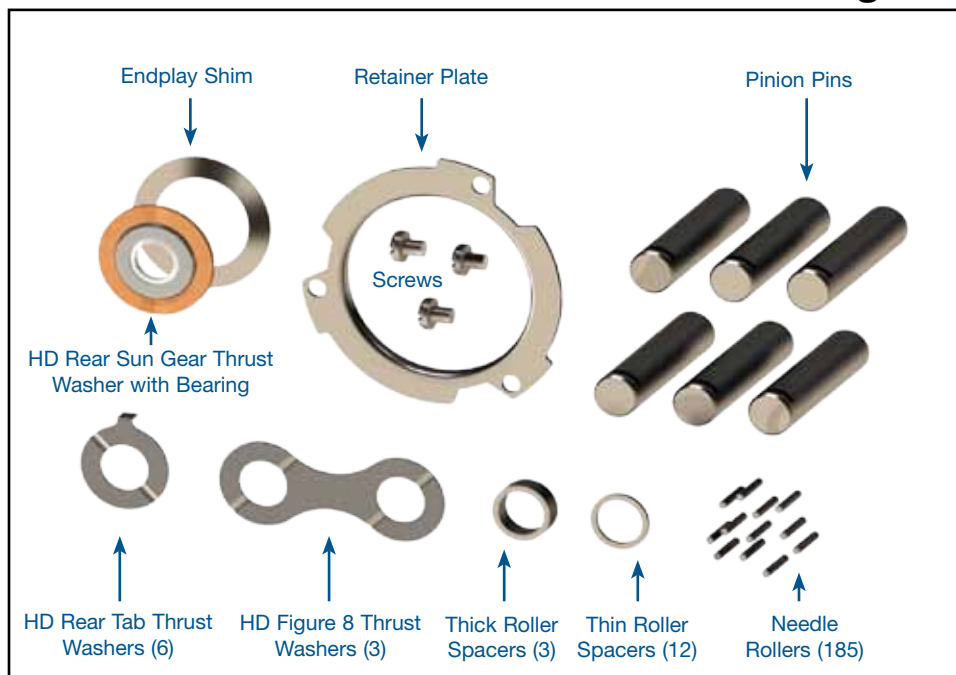
Also Available

Sun Gear Bushing
8436

Sun Gear Thrust Bearing
28321



GM Powerglide[®]



Carrier Modification When No Retainer Plate Thread Holes Are Present

1. With the front of the carrier facing up, fit the I.D. lip of the retaining plate into the I.D. of the carrier.
2. Install one pinion pin into one of the short pinion holes (outermost pattern) with the slot up and facing toward the center of the carrier.
3. Rotate the retainer until it engages with the slot in the pin. Position the edge of the screw hole in the plate so it is approximately .158" from the O.D. of the pin with the screw hole on the clockwise side of the pin.
4. Center punch the screw hole on the carrier.
5. Drill with a number 16 (.1770") drill and tap 12-24 threads.
6. Install the retaining ring and fasten with one of the screws. Mark, drill and tap the two remaining screw locations.

Rear Sun Gear Modification

NOTE: When using rear sun gears other than Sonnax current production, machining may be required as shown in **Figure 1** to allow clearance for rear sun gear bearing.

Final Assembly

7. Deburr and clean the carrier. Make sure there is no raised material on the surface where the thrust washers ride.
8. Final endplay is critical with this upgrade, refer to Installation & Assembly section of the **38208-01K** rear sun gear to output shaft bearing package included in this kit.