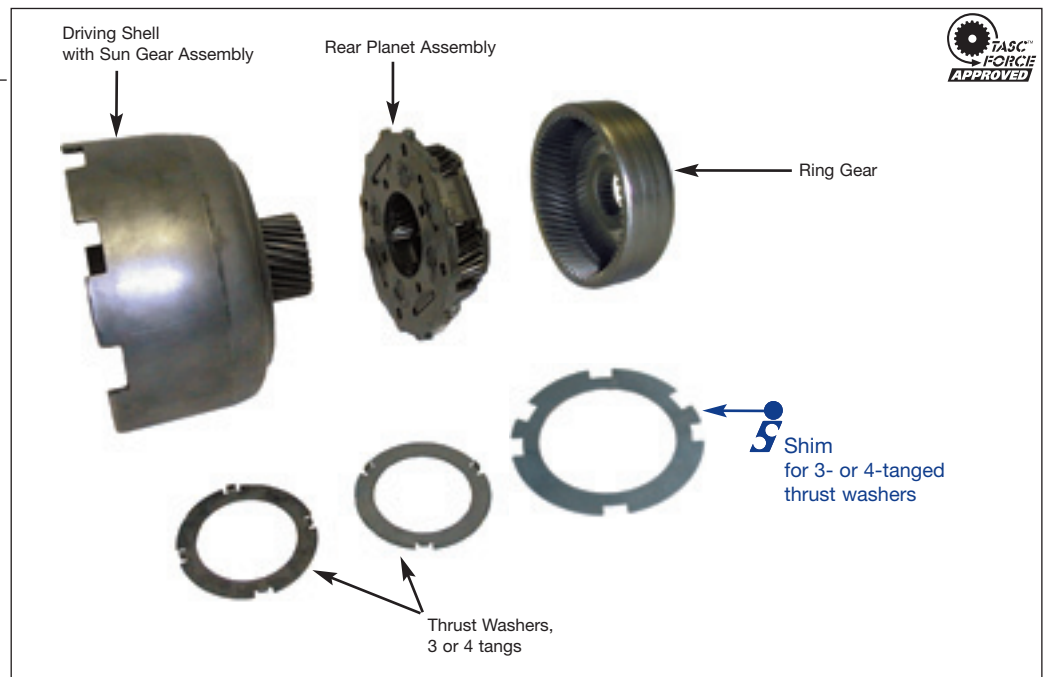


Rear Planet End Play Shim

12780-Z

10 Shims (.010" thick)



Installation Instructions

If inspection of rear annulus gear or shaft indicates visible wear, the **12780-Z** shim is generally required to reduce gear train endplay. To verify the need, measure the endplay of planetary, sun gear, and driving shell as an assembled unit as illustrated. Stand the assembly upright, with the snap ring installed, on a flat surface. Pull upward on output shaft and measure clearance. Insert a feeler gauge between the rear annulus gear support hub and the output shaft shoulder. The factory specification for this clearance should be between .005" and .048". A minimum of .005" - .010" endplay is preferred. If the clearance exceeds these specifications, Sonnax shim(s) **12780-Z** should be inserted between the #9 thrust washer and rear planet assembly.