

Oversized Seal Rings & Sizing Tool

34716-01

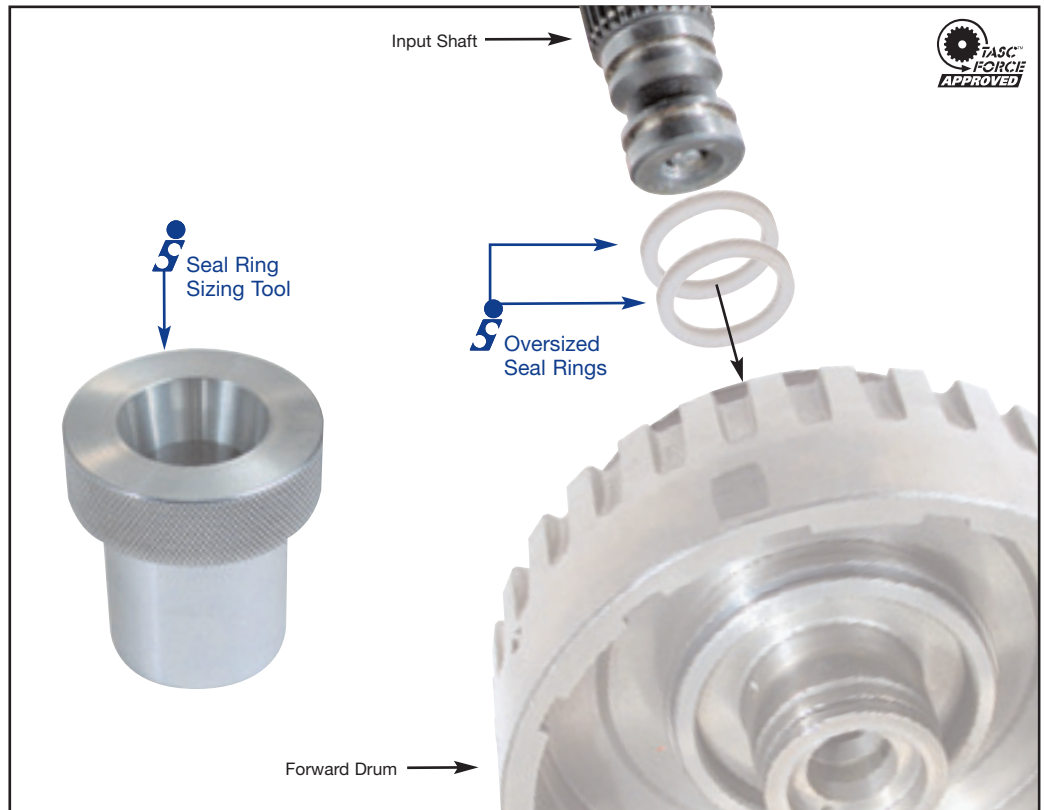
2 Oversized Seal Rings



34716-TL

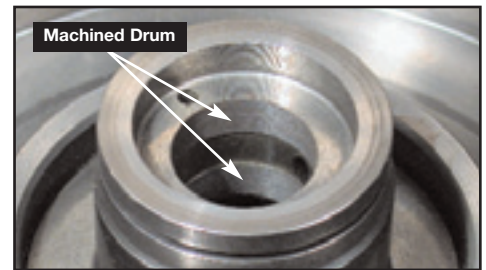
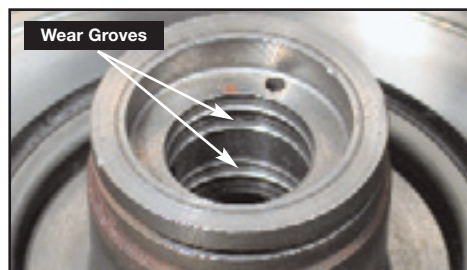
1 Seal Ring Sizing Tool

Note: This tool is not required but is highly recommended to prevent damage to the new oversized sealing rings when inserting the input shaft into the machined forward drum ID bore.



INSPECTION

Look for grooves worn into both sealing ring journals inside the forward drum ID.



INSTALLATION

1. Bore the forward drum ID to $.900" \pm .001"$ A surface finish RA = 32 micro-inch or better is recommended for optimal performance. Remove any sharp edges or burrs from the oil feed hole or machined bore.

Note: We recommend staining the end of the bore with Dykem before machining. This will help to identify drums that are bored oversized and ensure assembly with the correct seals.

2. Install the Sonnax oversized seal rings onto the input shaft.

Note: It is best to install the seals AFTER the input shaft has been installed in the overdrive planet. If seals are installed before, take extra care when inserting the input shaft through the OD planet splines to ensure the larger diameter sealing rings are not damaged by the OD planet splines.

3. Place sizing tool over the seal rings on the input shaft. Wait at least one minute. Remove the sizing tool and insert the input shaft into forward drum bore. Do not force the shaft into the drum.