

## Forward Clutch Hub Washer (Rear)

**34301-078** .078" thick

**34301-094** .094" thick

Each includes the following

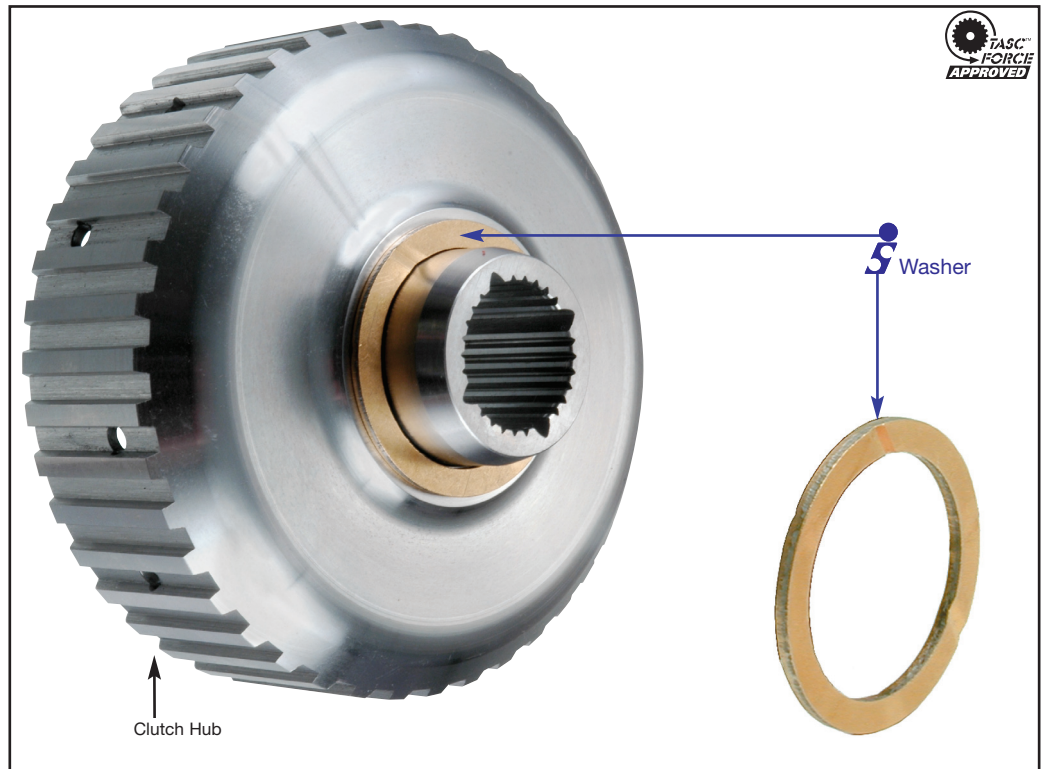
5 Washers

Also Available

**34500-Z**

Rear Unit Endplay Shims

**Note:** 34500-Z will not fit '97 and later 4L80-E center lube units. Use of these shims in these units will restrict lube.



### THM 400 Front Unit Endplay

Place dial indicator on input shaft, preload shaft inward, zero-out indicator, and pull shaft outward to measure endplay. Suggested front endplay of input shaft is .004"-.022". This endplay can be reduced by replacing the OE plastic washer with the Sonnax **34301-078** (.015" oversized) or **34301-094** (.030" oversized). As a word of caution, do not shim a 400 forward drum from the pump support washer. Adding shim material here pushes the sealing rings into a very minimal surface contact on the drums.

### FRONT UNIT ENDPLAY

#### Sonnax Shims

**34301-078** .078" Thick

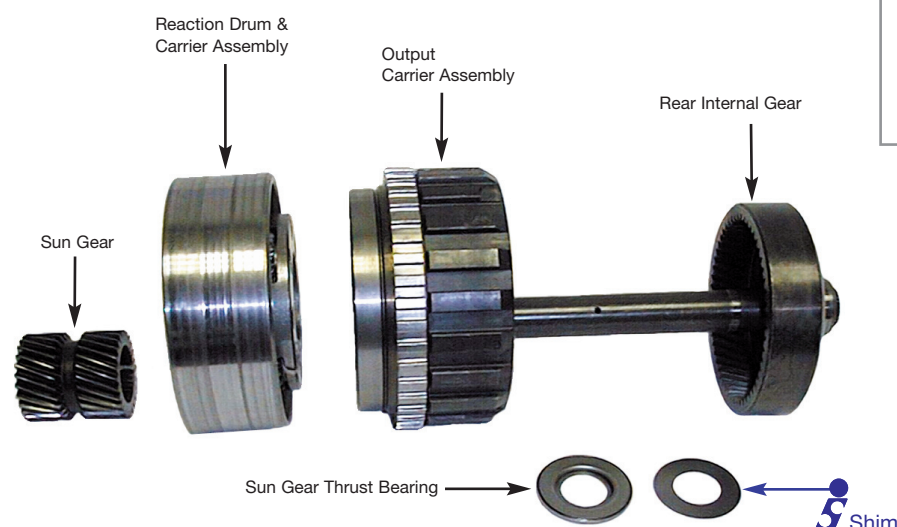
**34301-094** .094" Thick

OEM Shims	Color	No.
.060"-.064"	Yellow	0
.071"-.075"	Blue	1
.082"-.086"	Red	2
.093"-.097"	Brown	3
.104"-.108"	Green	4
.115"-.119"	Black	5
.126"-.130"	Purple	6

## THM 400 Rear Endplay Set-up

Use a dial indicator on the output shaft to verify and obtain a rear unit endplay of .005" to .025". The Sonnax shim **34500-Z** is .010" (which installs between the sun gear and the rear internal gear) and can be used to reduce both front and rear unit endplay. The sun gear can only be shimmed to a certain point before it loads the center support. This amount depends on the rear unit accumulated wear. The shims between the rear case and output shaft hub also compensate for rear unit endplay. These OEM shims range from .074" to .118".

The **34500-Z** cannot be used in '97 and later 4L80-E center lube units.



## REAR UNIT ENDPLAY

### Sonnax Shims

**34500-Z** .010" Thick

OEM Shims	I.D. Notch	No.
.074"-.078"	none	1
.082"-.086"	on the side of 1 tab	2
.090"-.094"	on the side of 2 tabs	3
.098"-.102"	on the end of 3 tabs	4
.105"-.110"	on the end of 4 tabs	5
.114"-.118"	on the end of 5 tabs	6