

## Front/Rear Unit Endplay Shim

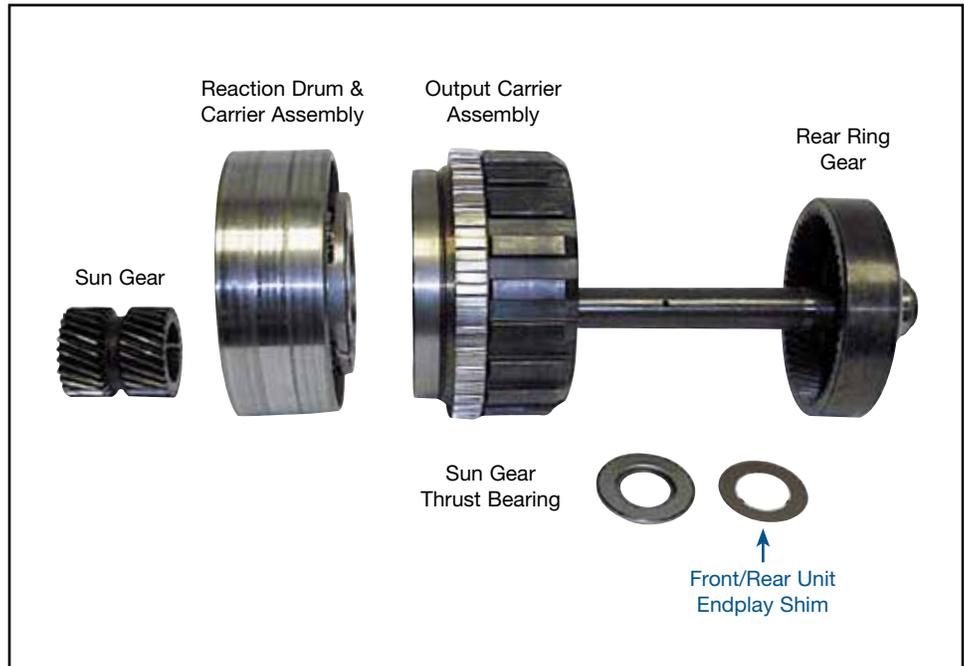
**Part No.**

**34500-Z**

- Shims (10) .010" Thick

**NOTE:** Updated 3-tang style shim fits all units, including '97-later 4L80-E and 4L85-E units.

## GM TH400, 4L80-E, 4L85-E



Use a dial indicator on OE output shaft to verify and obtain a rear unit endplay of .005–.025". The Sonnax shim 34500-Z is .010" (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 OE shims range from .074–.118".



Sonnax updated 3-tang style shim

Rear Unit Endplay Shims		
Size	I.D. Notch	Number
<b>Sonnax Shim 34500-Z</b>		
.010" Thick	3 tabs	
<b>OE Shims</b>		
.074–.078"	None	1
.082–.086"	On the side of 1 tab	2
.090–.094"	On the side of 2 tab	3
.098–.102"	On the end of 3 tab	4
.105–.110"	On the end of 4 tab	5
.114–.118"	On the end of 5 tab	6