

## Shim

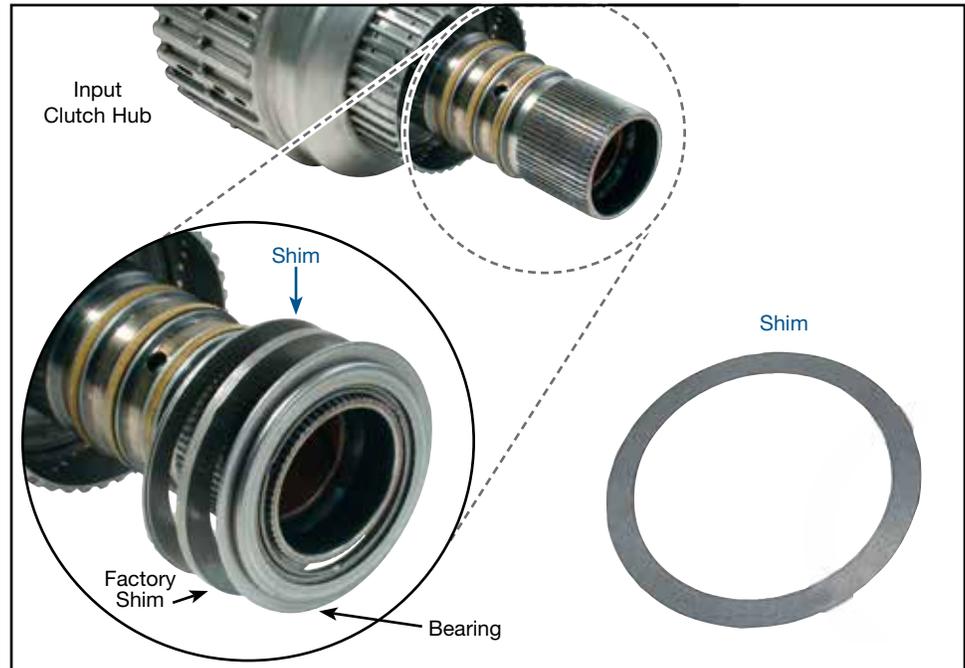
### Part No.

**84733-20**

• Shims (10) .020"

Material: Steel  
 Inner Dia: 2.385"  
 Outer Dia: 2.950"  
 Thickness: .020"

## GM 4T60, 4T60-E, 4T65-E



Input Clutch Hub Shim		
ID#	OE Shim Color	OE Shim Size
1	Orange, Green	2.95mm (.116")
2	Orange, Black	3.10mm (.122")
3	Orange	3.25mm (.128")
4	White	3.40mm (.134")
5	Blue	3.55mm (.140")
6	Pink	3.70mm (.146")
7	Brown	3.85mm (.152")
8	Green	4.00mm (.157")
9	Black	4.15mm (.163")
10	Purple	4.30mm (.169")
11	Purple, White	4.45mm (.175")
12	Purple, Blue	4.60mm (.181")
13	Purple, Pink	4.75mm (.187")
14	Purple, Brown	4.90mm (.193")
15	Purple, Green	5.05mm (.199")

### Installation & Assembly

Total input clutch housing endplay should be from .005-.020", including gasket crush.

There are two procedures that accomplish similar results:

1. A method used by most shops is to use a feeler-gauge to obtain a measurement from the driven sprocket support (channel plate mating surface) to the case-gasket surface (case gasket removed, and differential preloaded toward input drum). The driven sprocket support should be flush to .017" recessed when measured with a straightedge placed on the case surface. If the measurement exceeds .020", a shim or shims should be added, either Sonnax **84733-10** (.010") or **84744-20** (.020"). The Sonnax recommended shim position is between the drum and OE shim.

**NOTE:** The gasket when torqued will result in additional endplay of .005-.008". The compressed gasket thickness must be added to the straightedge and the feeler-gauge measurement.

2. OE has a tool available from Kent Moore (# J-33386), which results in using the OE selective shim to verify unit endplay. Their procedure will result in a .005-.012" input drum clearance. (See unit repair manual for this procedure.)