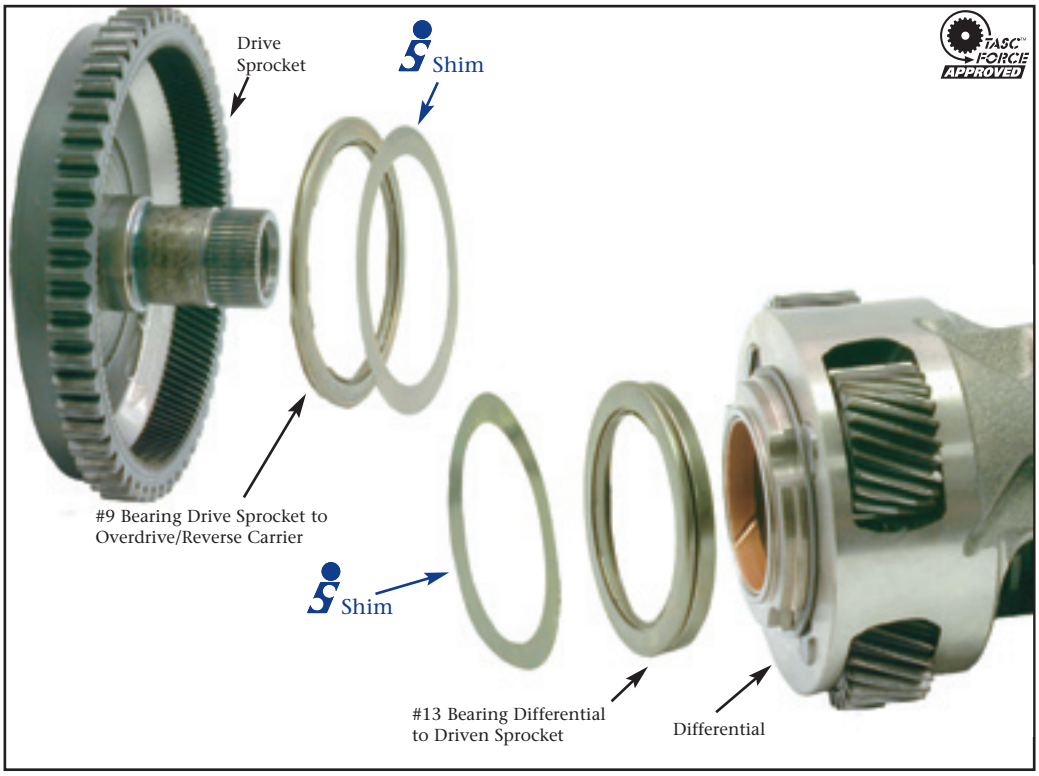
CD4E, LA4A-EL

Part Number 73251-01K

Shim Kit for Setting Endplay

73251-01K

2 Shims	.008" & .015" thick for #9 Bearing
2 Shims	.005" & .010" thick for #13 Bearing



Instructions for #9 Bearing Shims

Inspect the drive sprocket for wear before setting pre-load. See note 2.

1. Pre-load the drive sprocket toward the pump.
2. With an H-gauge or qualified height/depth instrument, measure from top of the main case with gasket installed, to top of the drive sprocket.
3. Measure from the bell housing gasket surface to OEM plastic thrust washer.
4. Select shim to reduce total drive sprocket endplay to .002" to .008". Install shim(s) between overdrive/reverse carrier and #9 bearing.

Note 1: The endplay of the drive sprocket to the case is critical! Reducing this endplay will ensure lube oil is maintained at the front plastic washer and then flows back into the planetaries. The front OEM selective washer surface and internal bushing tolerance is critical to maintaining lube flow as the oil will travel the path of least resistance and thus not make it into the planets.

Note 2: It is common to find the drive sprocket face damanged by the plastic thrust washer. If the front of the drive sprocket is to be resurfaced due to wear, differential shims from this kit may be used under the #10 plastic thrust washer to shim the drive sproket back away from the bell housing. It may be necessary to grind some material off the shim to allow clearance for the plastic thrust washer tangs. This must be done prior to setting the reverse planet endplay.

Instructions for #13 Bearing Shims

1. Use an H-gauge on the bell housing to measure from the gasket surface to the differential bearing pocket.
2. On the main case half, set the differential into the driven sprocket. H-gauge off the case gasket to the top of the differential bearing.
3. Select shim to reduce differential endplay to .000" to .004".
4. Install shim(s) on top of driven sprocket and under the #13 bearing.