

MERITOR®

Service Parts Instructions

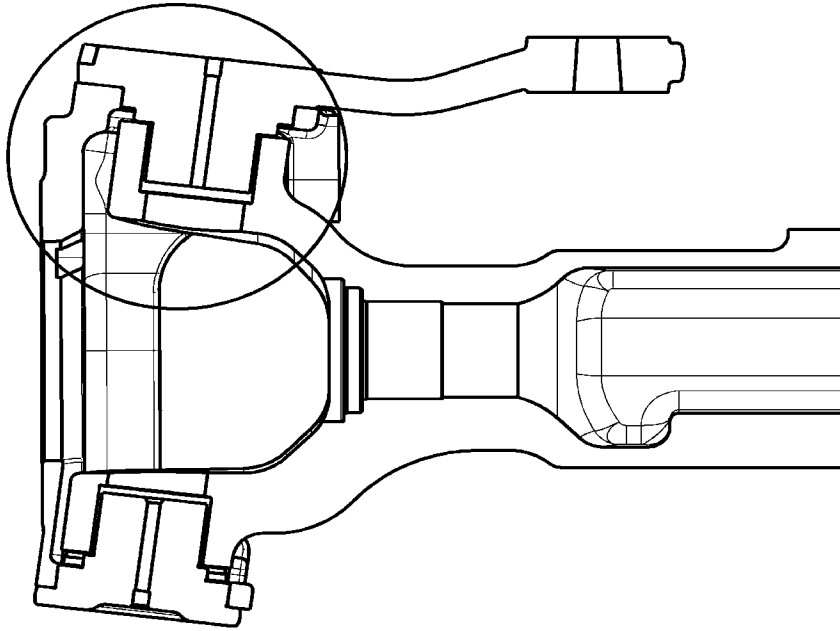
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MX-xx-120 Shim Installation Instructions

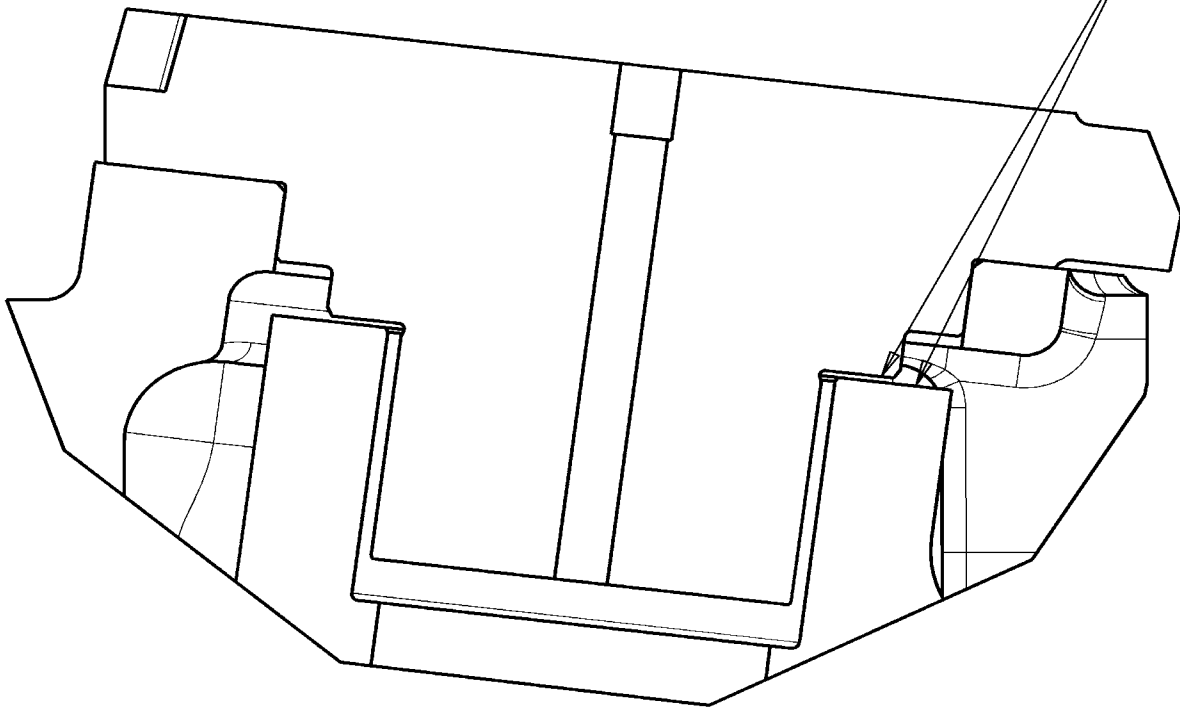
Each shim kit contains enough shims for 1 axle (four 0.005" shims – part number 2803-L-3444, four 0.015" shims – part number 2803-M-3445 and four 0.025" shims – part number 2803-N-3446).

1. Measure the vertical endplay of the knuckle
2. Use the chart below to determine the quantity of each shim that needs to be installed.
3. Install shims between the housing and the steering arm/upper cap – see diagram on reverse
4. Measure the vertical endplay of the knuckle and verify that it falls between 0.005 and 0.015 inches.

Initial Vertical Endplay (inches)	Number of Shims to Install			Final Vertical Endplay (inches)
	0.005" (2803-L-3444)	0.015" (2803-M-3445)	0.025" (2803-N-3446)	
0.000 – 0.015	-	-	-	0.000 – 0.015
0.010 – 0.020	1	-	-	0.005 – 0.015
0.015 – 0.025	2	-	-	0.005 – 0.015
0.020 – 0.030	-	1	-	0.005 – 0.015
0.025 – 0.035	1	1	-	0.005 – 0.015
0.030 – 0.040	-	-	1	0.005 – 0.015
0.035 – 0.045	1	-	1	0.005 – 0.015
0.040 – 0.050	2	-	1	0.005 – 0.015
0.045 – 0.055	-	1	1	0.005 – 0.015
0.050 – 0.060	1	1	1	0.005 – 0.015
0.055 – 0.065	-	-	2	0.005 – 0.015
0.060 – 0.070	1	-	2	0.005 – 0.015
0.065 – 0.075	2	-	2	0.005 – 0.015
0.070 – 0.080	-	1	2	0.005 – 0.015
0.075 – 0.080	1	1	2	0.005 – 0.010
0.08	2	1	2	0.005
More Than 0.080	Recheck Measurement. If still greater than 0.080" contact customer service.			



INSTALL SHIMS BETWEEN HOUSING AND STEERING ARM/UPPER CAP



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