



# Technical Service Information

## SELECTIVE THRUST WASHERS

Location	Transmission Front End Play	Part Number	Thickness mm (in.)	Number Stamped On Washer
No. 1 Thrust Washer Front Pump Support	0.18-0.64 mm (0.007-0.025 in.) without gasket	89DT-7D014-HA	1.2 (0.047)	A
		89DT-7D014-AA	1.4 (0.055)	1
		89DT-7D014-BA	1.6 (0.063)	2
		89DT-7D014-CA	1.7 (0.067)	3
		89DT-7D014-DA	1.8 (0.071)	4
		89DT-7D014-EA	1.9 (0.075)	5
		89DT-7D014-FA	2.0 (0.079)	6
		89DT-7D014-GA	2.1 (0.083)	7
		89DT-7D014-MA	2.2 (0.087)	B
		89DT-7D014-JA	2.4 (0.094)	C
89DT-7D014-KA	2.6 (0.102)	D		
89DT-7D014-LA	2.8 (0.110)	E		
No. 4 Thrust Washer O/D Center Support	Transmission Rear End Play .30-.54 mm (.012-.022 in.)			

## CLUTCH PLATES

Engine	Forward Clutch			Reverse/High Clutch		
	Steel	Friction	Clearance	Steel	Friction	Clearance
2.3L EFI, 2.3L	5	5	0.055-0.083	5	5	0.051-0.079
2.9L EFI	5	5	0.055-0.083	5	5	0.051-0.079
3.0L EFI	5	5	0.055-0.083	5	5	0.051-0.079
4.0L EFI	6	6	0.055-0.083	6	6	0.051-0.079

## CHECKS AND ADJUSTMENTS

Engine	Overdrive Clutch			Operation	Specification
	Steel	Friction	Clearance		
2.3L EFI 2.9L EFI	3	3	0.039-0.067	Transmission End Play (Front)	0.18-0.64 mm (.007-.025 in.) Less Gasket
3.0L EFI	3	3	0.039-0.067	Transmission End Play (Rear)	.30-.54 mm (.012-.022 in.)
4.0L EFI	3	3	0.039-0.067	Overdrive and Intermediate Band Adjustment	Remove and discard locknut. Install new locknut. Tighten adjusting screw to 10 ft-lb. Back off 2 turns for overdrive band (2.3L, 2.9L and 3.0L), or 3 1/4 turns for 4.0L applications and 2 turns for intermediate band. Hold screw and tighten locknut.

## VACUUM DIAPHRAGM ASSEMBLY SPECIFICATION

Transmission Type	Diaphragm Type	Diaphragm Part No.	Throttle Valve Rod		
			Part No. (7A380)	Length	Identification
A4LD	SAD	83DT-7A377-D2B/D1B	85GT-AA	No Selection	None
	HAD	83DT-7A377-A2B/A1B	85GT-AA		
	HAD	90DT-7A377-A3A	85GT-AA		

SAD — Single Area Diaphragm

HAD — High Altitude Diaphragm

## TORQUE-CONVERTER END-PLAY

Transmission Model	Converter End-Play			
	New or Rebuilt Converter		Used Converter	
	mm	Inch	mm	Inch
A4LD	0.58 Max.	0.023 Max.	1.27 Max.	0.050 Max.

## SELECTIVE SNAP RINGS

Part Number	Overdrive And Reverse/High Clutch				Part Number	Forward Clutch			
	Thickness		Diameter			Thickness		Diameter	
	mm	Inches	mm	Inches		mm	Inches	mm	Inches
E 860126-S	1.37	.0539	130.1	5.122	E 860115-S	1.37	.0539	125.1	4.925
E 860127-S	1.73	.0681	130.1	5.122	E 860116-S	1.73	.0681	125.1	4.925
E 860128-S	2.08	.0819	130.1	5.122	E 860117-S	2.08	.0819	125.1	4.925
E 860129-S	2.44	.0961	130.1	5.122	E 860118-S	2.44	.0961	125.1	4.925

Automatic Transmission Service Group