

CRANKSHAFT AND CONNECTING ROD SPECIFICATIONS

All measurements are given in inches.

Year	Engine		Crankshaft				Connecting Rod		
	Displacement Liters (cc)	Engine ID/VIN	Main Brg.	Main Brg. Oil	Shaft	Thrust on No.	Journal	Oil	Side
			Journal Dia.	Clearance	End-play		Diameter	Clearance	Clearance
1997	1.5 (1489)	Z5	1.9661-	0.0008-	0.0032-	4	1.5725-	0.0012-	0.0044-
			1.9667	0.0014	0.0111		1.5730	0.0018	0.0103
	1.8 (1839)	BP	1.9661-	0.0008-	0.0032-	4	1.7693-	0.0008-	0.0044-
			1.9667	0.0014	0.0111		1.7699	0.0017	0.0103
	2.0 (1991)	FS	2.2022-	③	0.0031-	4	1.8874-	0.0005-	0.0043-
2.2029				0.0111	1.8880		0.0015	0.0103	
2.3 (2255)	KJ	2.4385-	0.0015-	0.0032-	4	2.0843-	0.0010-	0.0071-	
		2.4391	0.0022	0.0111		2.0848	0.0016	0.0157	
2.5 (2497)	KL	2.4385-	0.0015-	0.0032-	4	2.0843-	0.0010-	0.0071-	
		2.4391	0.0022	0.0111		2.0848	0.0016	0.0157	
1998	1.5 (1489)	Z5	1.9661-	0.0008-	0.0032-	4	1.5725-	0.0012-	0.0044-
			1.9667	0.0014	0.0111		1.5730	0.0018	0.0103
	1.8 (1839)	BP	1.9661-	0.0008-	0.0032-	4	1.7693-	0.0008-	0.0044-
			1.9667	0.0014	0.0111		1.7699	0.0017	0.0103
	2.0 (1991)	FS	2.2022-	③	0.0031-	4	1.8874-	0.0005-	0.0043-
2.2029				0.0111	1.8880		0.0015	0.0103	
2.3 (2255)	KJ	2.4385-	0.0015-	0.0032-	4	2.0843-	0.0010-	0.0071-	
		2.4391	0.0022	0.0111		2.0848	0.0016	0.0157	
2.5 (2497)	KL	2.4385-	0.0015-	0.0032-	4	2.0843-	0.0010-	0.0071-	
		2.4391	0.0022	0.0111		2.0848	0.0016	0.0157	
1999-00	1.6 (1597)	ZM	NA	NA	NA	NA	NA	NA	NA
	1.8 (1839)	BP	1.9661-	0.0008-	0.0032-	4	1.7693-	0.0008-	0.0044-
			1.9667	0.0014	0.0111		1.7699	0.0017	0.0103
	1.8 (1839)	FP	NA	NA	NA	NA	NA	NA	NA
	2.0 (1991)	FS	2.2022-	③	0.0031-	4	1.8874-	0.0005-	0.0043-
			2.2029		0.0111		1.8880	0.0015	0.0103
2.3 (2255)	KJ	2.4385-	0.0015-	0.0032-	4	2.0843-	0.0010-	0.0071-	
		2.4391	0.0022	0.0111		2.0848	0.0016	0.0157	
2.5 (2497)	KL	2.4385-	0.0015-	0.0032-	4	2.0843-	0.0010-	0.0071-	
		2.4391	0.0022	0.0111		2.0848	0.0016	0.0157	

NA: Not Avilable

① No. 1, 2, 4 & 5 - 0.0010 - 0.0031

No. 3 - 0.0012 - 0.0031

② No. 1, 2, 4 & 5 - 0.0009 - 0.0026

No. 3 - 0.0012 - 0.0026

③ No. 1, 2, 4 & 5: 0.0009-0.0020 in.

No. 3: 0.0012-0.0022 in.