

Engine balancer	Thrust clearance	STD	0.065 – 0.110 mm (0.0026 – 0.0043 in.)
		Limit	0.110 mm (0.0043 in.)
	Backlash		
	Crankshaft x No. 1 balance shaft		
	Off-vehicle		
	On-vehicle	STD	0 – 0.06 mm (0 – 0.0024 in.)
	No. 1 balance shaft x No.2 balance shaft	STD	0.025 – 0.090 mm (0.0010 – 0.0035 in.)
	at D mark		
	at E mark	STD	0.020 – 0.075 mm (0.0008 – 0.0030 in.)
	at F mark	STD	0.005 – 0.075 mm (0.0002 – 0.0030 in.)
	Spacer thickness	STD	0.005 – 0.055 mm (0.0002 – 0.0022 in.)
		No.01	1.74 mm (0.0685 in.)
		No.03	1.76 mm (0.0693 in.)
		No.05	1.78 mm (0.0701 in.)
		No.07	1.80 mm (0.0709 in.)
		No.09	1.82 mm (0.0717 in.)
		No.11	1.84 mm (0.0724 in.)
		No.13	1.86 mm (0.0732 in.)
		No.15	1.88 mm (0.0740 in.)
		No.17	1.90 mm (0.0748 in.)
		No.19	1.92 mm (0.0756 in.)
		No.21	1.94 mm (0.0764 in.)
		No.23	1.96 mm (0.0772 in.)
		No.25	1.98 mm (0.0780 in.)
		No.27	2.00 mm (0.0787 in.)
		No.29	2.02 mm (0.0795 in.)
		No.31	2.04 mm (0.0803 in.)
		No.33	2.06 mm (0.0811 in.)
		No.35	2.08 mm (0.0819 in.)
		No.37	2.10 mm (0.0827 in.)
		No.39	2.12 mm (0.0835 in.)
	Balance shaft housing bolt outer diameter	STD	6.5 – 6.7 mm (0.2559 – 0.2638 in.)
		Limit	6.3 mm (0.2480 in.)

TORQUE SPECIFICATIONS

89004-08

Part tightened	N-m	kgf-cm	ft-lbf
Cylinder head cover x Cylinder head	23	230	17
Spark plug x Cylinder head	18	180	13
Oil pump pulley x Oil pump drive shaft	28	280	21
No. 2 idler pulley x Cylinder block	42	425	31
Crankshaft pulley x Crankshaft	108	1,100	80
Camshaft timing pulley x Camshaft	54	550	40
Camshaft timing pulley x Camshaft (For use with SST)	37	380	27
No. 1 idler pulley x Cylinder head	42	425	31
No. 2 engine mounting bracket x Cylinder block	52	530	38
Engine moving control rod X Fender apron	64	650	47
Engine moving control rod x No. 2 engine mounting bracket	64	650	47
Cylinder head x Cylinder block (1 sty	49	500	36