TIGHTENING TORQUE FOR MAIN PARTS

Tightening parts		kg-m	ft-lib	
Cylinder head x Cylinder block		5.4 - 6.6	40 - 47	
Rocker arm support x Cyl	inder head	1.8 - 2.4	14 - 17	
Manifold x Cylinder head		2.0 - 3.0	2.0 - 3.0 $15 - 21$	
Crankshaft bearing cap x Cylinder block		5.4 — 6.6	40 - 47	
Connecting rod cap x Connecting rod		4.0 - 5.2	29 - 37	
Crankshaft pulley x Crankshaft		7.5 - 10.5	7.5 - 10.5 55 - 75	
Flywheel x Crankshaft		5.4 - 6.6	40 - 47	
Camshaft timing sprocket x Camshaft		5.4 - 6.6	40 - 47	
Spark plug x Cylinder head		1.5 - 2.1	11 - 15	
Oil pan x Cylinder block	Standard bolt	0.2 - 0.4	18 - 34 inlb	
	Step bolt	0.3 - 0.7	27 - 60 inlb	
Exhaust manifold x Exhaust pipe		3.0 - 4.5	22 - 32	

SERVICE SPECIFICATIONS

ENGINE TUNE-UP

Drive belt deflection a	at 10 kg (22 lb)			
Fan - Alternator		7 - 11 mm	0.28 - 0.43 in,	
Crank — A/C compressor		11 — 14 mm	0.43 - 0.55 in.	
Battery electrolyte sp	ecific gravity			
	at 20°C (68°F)	1.25 - 1.27		
Engine oil capacity				
2K, 3K-C & 3K-H				
Dry refill	w/ Oil filter	3.6 liters	3.8 US qt	3.2 Imp. qt
Drain & refill	w/ Oil filter	3.4 liters	3.6 US qt	3.0 Imp. qt
	w/o Oil filter	2.9 liters	3.1 US qt	2.6 Imp. qt
4K & 4K-C				
Dry refill	w/ Oil filter	3.7 liters	3.9 US qt	3.3 Imp. qt
Drain & refill	w/ Oil filter	3.5 liters	3.7 US qt	3.1 Imp. qt
	w/o Oil filter	3.0 liters	3.2 US qt	2.6 Imp. qt
Coolant capacity	w/ Heater	1		
2K, 3K-C & 3K-H		5.6 liters	5.9 US qt	4.9 Imp. qt
KE70 series (Europe & Sweden)		5.8 liters	6.1 US qt	5,1 Imp. qt
KE70 series (ex. Europe & Sweden)		6.2 liters	6.6 US qt	5.5 Imp. qt
KM20 series (4K RHD & 4K-C)		6.7 liters	7.1 US qt	5.9 Imp. qt
KM20 series (4K LHD)		6.9 liters	7.3 US qt	6.1 Imp. qt
USA & Canada 4K-C		5.7 liters	6.0 US qt	5.0 Imp. qt

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Toyota Jidōsha Kabushiki Kaisha.
Overseas Service Department

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