

TORQUE SPECIFICATIONS

Part tightened	N-m	kgf-cm	ft-lbf
Cylinder head x Cylinder head cover	5.9	60	52 in.-lbf
Cylinder head x Camshaft bearing cap	20	200	14
Cylinder head x Spark plug	18	180	13
Cylinder head x Intake manifold	19	195	14
Cylinder head x No. 1 secondary air injection manifold	13	130	9
Cylinder head x EGR valve	13	130	9
Cylinder head x Exhaust manifold	44	450	33
Cylinder head x Cylinder head rear cover	13	130	9
Cylinder block x Cylinder head	78	800	58
Cylinder block x Chain damper	22	220	16
Cylinder block x Chain tensioner	19	195	14
Cylinder block x Engine mounting	39	400	29
Cylinder block x Rear oil seal retainer	18	180	13
Cylinder block x Fuel filter bracket	19	195	14
Oil cooler relief valve x Cylinder block	69	700	51
Cylinder block x Crankshaft bearing cap	103	1,050	76
Cylinder block x Oil strainer	13	130	9
Cylinder block x Oil pan	13	130	9
Cylinder block x Engine mounting bracket	44	400	33
Valve clearance adjusting screw	25	250	18
Camshaft x Distributor drive gear	76	800	58
Crankshaft pulley x No. 2 crankshaft pulley	19	195	14
Air intake chamber x EGR pipe	13	130	9
Air intake chamber x Intake manifold	19	195	14
Air intake chamber x Accelerator control cable bracket	13	130	9
Intake manifold x Water outlet	19	195	14
Intake manifold x PAIR valve	13	130	9
No. 1 secondary air injection manifold x PAIR valve	13	130	9
No. 1 secondary air injection manifold x No. 2 secondary air injection manifold	13	130	9
Exhaust manifold x No. 2 exhaust manifold heat insulator	19	195	14
Exhaust manifold x No. 2 secondary air injection manifold			
10 mm bolt	44	450	33
8 mm bolt	22	220	16
Connecting rod x Connecting rod cap	69	700	51
Crankshaft x Crankshaft pulley	157	1,600	116
Crankshaft x Flywheel	106	1,100	80
Crankshaft x Drive plate	83	850	61
Oil pan x Drain plug	25	250	18

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Consumer Guide



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