

# TORQUE SPECIFICATION

Part tightened		N·m	kgf·cm	ft·lbf
No.1 timing belt idler pulley, No.2 timing belt idler pulley x Oil pump		34.5	350	25
Drive belt tensioner x Cylinder block		15.5	160	11
Camshaft timing pulley x Camshaft timing tube		7.5	80	66
Timing belt tensioner x Oil pump		26	270	19
Crankshaft pulley x Crankshaft		245	2,500	181
No.1 drive belt idler pulley x Cylinder block	12 mm head	16	160	12
	14 mm head	32	330	24
No.2 timing belt cover x Cylinder block		16	160	12
No.2 drive belt idler pulley x Fan bracket		39	398	29
Exhaust manifold x Cylinder head		44	450	32
Cylinder head x Cylinder block	1st	59	600	44
	2nd	Turn 90°	Turn 90°	Turn 90°
Camshaft drive gear x Camshaft timing tube		7.5	80	66 in.·lbf
Camshaft timing tube x Intake manifold		78	790	58
Screw plug x Camshaft timing tube		15	150	11
Camshaft bearing cap x Cylinder head	Bolt C	7.5	80	66 in.·lbf
	Others	16	160	12
Cylinder head cover x Cylinder head		6.0	60	53 in.·lbf
Engine hanger x Cylinder head		37	380	27
Front water bypass joint, Rear water bypass joint x Cylinder head		18	185	13
Water bypass pipe x Cylinder Block		18	185	13
Timing belt rear plate x Cylinder head		7.5	80	66 in.·lbf
Intake air control valve x Upper intake manifold		8.5	85	75 in.·lbf
Upper intake manifold, Accelerator cable bracket x Lower intake manifold		18	185	13
Vacuum tank for ACIS x Lower intake manifold		18	185	13
Lower intake manifold x Cylinder head		18	185	13
Drive plate x Crankshaft		49	500	36
		Turn 90°	Turn 90°	Turn 90°
Transmission x Cylinder block		72	730	53
Transmission x No.1 oil pan		37	380	27
Drive plate x Torque converter clutch		41	420	30
Flywheel housing under cover x Transmission		18	185	13
Rear engine mounting member x Body		25.5	260	19
Rear engine mounting member x Rear engine mounting insulator		13.5	135	10
Front suspension crossmember x Engine mounting insulator		68	700	50
PS gear housing x Front suspension crossmember		65	660	48
Sliding yoke x Steering intermediate shaft		35	360	26
A/C compressor x Cylinder block, No.1 drive belt idler pulley		49	500	36
A/C compressor stay x Oil filter bracket		29	300	21
PS pump x Cylinder head	Bolt	39.2	400	29
	Nut	43.1	440	32
Center front floor brace x Body		13	130	9
Front suspension member brace x Front suspension crossmember, Strut bar bracket plate		58	590	43

## SERVICE SPECIFICATIONS - ENGINE MECHANICAL

Main bearing cap x Cylinder block	2 progressive type 1st	27	275	20
	2nd	Turn 90°	Turn 90°	Turn 90°
	Others	49	500	36
Connecting rod cap x Connecting rod	1st	25	250	18
	2nd	Turn 90°	Turn 90°	Turn 90°
Rear oil seal retainer x Cylinder block		8.0	80	71 in.·lbf
Engine coolant drain union x Cylinder block		49	500	36
Water seal plate x Cylinder block		14	145	10
Engine mounting bracket x Cylinder block		36	370	27
TWC or Sub-muffler x Exhaust manifold		62	630	46
Front exhaust pipe x TWC or Sub-muffler		44	450	32
Front exhaust pipe support bracket x Transmission		44	450	32
Center exhaust pipe x Tailpipe		44	450	32
Heated oxygen sensor x Front exhaust pipe		44	450	32