

# TORQUE SPECIFICATION

Part tightened		N·m	kgf·cm	ft·lbf
Drive belt idler pulley x Drive belt idler		43	440	32
Camshaft timing sprocket x Camshaft		54	551	40
VVT timing sprocket x Camshaft		54	551	40
Chain vibration damper x Cylinder block		9	92	80 in.·lbf
Chain tensioner slipper x Cylinder block		18.5	189	14
Timing chain cover x Cylinder head, cylinder block	Bolt A	18.5	189	14
	Bolt B	13	133	10
	Bolt C	9	92	80 in.·lbf
	Others	11	113	8
RH engine mounting bracket x Timing chain cover		47	479	35
Driver belt tensioner x Timing chain cover	Bolt	69	704	51
	Nut	29	296	21
Crankshaft position sensor x Timing chain cover		9	92	80 in.·lbf
Crankshaft pulley x Crankshaft		138	1,409	102
Chain tensioner x Timing chain cover		9	92	80 in.·lbf
Oil dipstick guide x Cylinder block		13	133	10
Cylinder head cover x Cylinder head	w/ Washer	9	92	80 in.·lbf
	w/o Washer	11	113	8
RH engine mounting insulator x RH engine mounting bracket, body		52	530	38
Drive belt idler x Engine assembly		36	370	27
Camshaft bearing cap x Cylinder head	No. 1	23	235	17
	No. 3	13	133	10
Cylinder head x Cylinder block	1st	49	500	36
	2nd	Turn 90°	Turn 90°	Turn 90°
Water bypass pipe x Cylinder head		9	92	80 in.·lbf
Intake manifold x Cylinder head		30	306	22
Exhaust manifold x Cylinder head		37	377	27
Exhaust manifold stay x Exhaust manifold, cylinder block		37	377	27
Heated Oxygen sensor x Exhaust manifold		44	450	32
Suspension upper brace x Body	Bolt	74	755	55
	Nut	80	816	59
Transaxle x Engine	17 mm head bolt	64	650	47
	14 mm head long bolt	47	480	35
	14 mm head short bolt	23	230	19
Clutch cover x Flywheel		19	195	14
Flywheel x Crankshaft	1st	49	500	36
	2nd	Turn 90°	Turn 90°	Turn 90°
Suspension member x Body		80	816	59
Rear engine mounting insulator through bolt x nut		93	948	69
Front engine mounting insulator through bolt x nut		89	908	66
LH engine mounting insulator through bolt x nut		87	887	64
A/C compressor x Cylinder block		25	255	18
Front exhaust pipe x Tailpipe		43	438	32
Front exhaust pipe x Exhaust manifold		62	632	46
Accelerator cable x Throttle body		21	214	15

Bearing cap subassembly x Cylinder block	12 pointed head 1st	22	225	16
	2nd	44	449	32
	3rd	Turn 45°	Turn 45°	Turn 45°
	4th	Turn 45°	Turn 45°	Turn 45°
	Hexagon head	18.5	189	14
Connecting rod cap x Connecting rod	1st	20	204	15
	2nd	Turn 90°	Turn 90°	Turn 90°
Oil strainer x Bearing cap assembly		9	92	80 in.·lbf
Oil pan x Bearing cap assembly		9	92	80 in.·lbf
Oil filter union x Bearing cap assembly		30	306	21
Engine coolant drain union x Cylinder block		20	204	15
Knock sensor x Cylinder block		39	400	29
Water bypass pipe x Cylinder block		9	92	80 in.·lbf
Heated oxygen sensor x Front exhaust pipe		44	450	32