

TORQUE SPECIFICATION

Part Tightened		N·m	kgf·cm	ft·lbf
Stiffening crankcase assy x Cylinder block		33	332	24
Oil control valve filter x Cylinder block		30	306	22
Cylinder block water drain cock x Stiffening crankcase assy		25	255	18
Cylinder head x Cylinder block	1st 2nd	79 Turn 90°	806 Turn 90°	58 Turn 90°
Camshaft timing gear assy x Camshaft		54	551	40
Camshaft timing sprocket x Camshaft		54	551	40
Camshaft bearing cap No. 1 x Cylinder head		30	301	22
Camshaft bearing cap No. 2 x Cylinder head		30	301	22
Camshaft bearing cap No. 3 x Cylinder head		9.0	92	80 in.·lbf
Oil pump assy x Stiffening crankcase assy		19	194	14
Chain tensioner plate x Stiffening crankcase assy		12	122	9
Oil pump drive sprocket x Oil pump		30	301	22
Chain vibration damper No. 1 x Cylinder head		9.0	92	80 in.·lbf
Chain vibration damper No. 1 x Cylinder block		9.0	92	80 in.·lbf
Chain tensioner slipper x Cylinder block		19	194	14
Timing chain guide x Crankshaft bearing cap No. 1		9.0	92	80 in.·lbf
Timing chain cover (See page 14-5)	Bolt A Bolt B Bolt C Nut	9.0 21 43 9.0	92 214 438 92	80 in.·lbf 15 32 80 in.·lbf
Oil pan x Stiffening crankcase assy		9.0	92	80 in.·lbf
Oil pan drain plug x Oil pan		25	250	18
Water pump assy x Cylinder block		9.0	92	80 in.·lbf
Water pump pulley x Water pump assy		26	265	19
Crankshaft position sensor x Timing chain cover		9.0	92	80 in.·lbf
Crankshaft pulley x Crankshaft		170	1,733	125
Chain tensioner assy No. 1 x Timing chain cover		9.0	92	80 in.·lbf
Camshaft position sensor x Cylinder head		9.0	92	80 in.·lbf
Cylinder head cover x Cylinder head (See page 14-5)	Bolt A Bolt B Bolt C Nut	11 14 21 11	112 143 214 112	8 10 15 8
Oil filter union x Stiffening crankcase assy		30	306	22
Spark plug x Cylinder head		19	194	14
Ventilation valve x Cylinder head cover		19	194	14
Stud bolt x Cylinder head (See page 14-39)	Bolt A Bolt B Bolt C Bolt D	5 5 9.5 9.5	51 51 97 97	44 in.·lbf 44 in.·lbf 84 in.·lbf 84 in.·lbf
Connecting rod cap x Connecting rod	1st 2nd	25 Turn 90°	250 Turn 90°	18 Turn 90°
Crankshaft bearing cap x Cylinder block	1st 2nd	20 40	204 408	15 29
Stud bolt x Cylinder block (See page 14-53)	Stud bolt A Stud bolt B Stud bolt C	5.0 10 5.0	51 97 51	44 in.·lbf 84 in.·lbf 44 in.·lbf