




G7 Engine Main Tightening Torque

(Prince Service Data)

Fastening points	Fastening torque (kg-m)
Cylinder Head Bolts	10.0 - 11.0
Cam bracket bolt	1.8-2.0
Main bearing cap bolt , nut	10.0-11.0
Connecting rod bolt	4.5-5.0
Oil pump bolt	2.0-2.5
Oil pan bolt	0.7-0.9
Crank Pulley Bolt	15.0 and above
Flywheel Bolts	5.5-6.0
Spark plug	4.0-3.0

Standard bolt tightening torque

Type engraving	Nominal diameter mm	pitch mm	Standard tightening torque kg-cm	
			Standard value	Tolerance value
	6	1.0	50	40 to 60
	8	1.25	120	90y140
	Ten	1.5	220	190 to 250
		1.25	235	200 to 270
	12	1.75	360	330y420
		1.25	410	380y470
	14	1.5	630	580y680
	16	1.5	970	890y1040
	18	1.5	1410	1300y1520
20	1.5	1970	1820-2120	
heavy tool	1.5	2660	2460y2860	
	6	1.0	80	60 to 95
	8	1.25	195	150 to 240
	Ten	1.5	370	310y420
		1.25	390	330-450
	12	1.75	600	550y690
		1.25	680	630y780
	14	1.5	1040	960y1120
	16	1.5	1610	1490-1730
	18	1.5	2340	2160y2520
20	1.5	3280	3030y3530	
heavy tool	1.5	4430	4090 to 4780	
	6	1.0	115	90y140
	8	1.25	280	220y340
	Ten	1.5	530	450-600
		1.25	560	480y640
	12	1.75	860	800-1000
		1.25	980	910y1130
	14	1.5	1510	1390-1620
	16	1.5	2320	2140 to 2500
	18	1.5	3380	3120y3640
20	1.5	4720	4360y5080	
heavy tool	1.5	6380	5890y6870	