

E. TIGHTENING TORQUES

Item	Size x Pitch	N•m	kgf•m	lbf•ft
Cylinder head screws	M11 x 1.25	103.0 ~ 107.9	10.5 ~ 11.0	75.9 ~ 79.6
Head cover nuts	M10 x 1.25	8.8 ~ 10.8	0.9 ~ 1.1	6.5 ~ 8.0
* Bearing case screw 1	M9 x 1.25	46.1 ~ 51.0	4.7 ~ 5.2	34.0 ~ 37.6
* Bearing case screw 2	M10 x 1.25	68.6 ~ 73.6	7.0 ~ 7.5	50.6 ~ 54.2
* Flywheel screw	M12 x 1.25	98.1 ~ 107.9	10.0 ~ 11.0	72.3 ~ 79.6
* Connecting rod screws	M8 x 1.0	46.1 ~ 51.0	4.5 ~ 5.0	34.0 ~ 37.6
Rocker arm bracket studs	M10 x 1.25	48.1 ~ 55.9	4.9 ~ 5.7	35.4 ~ 41.2
Drain plug	M12 x 1.25	32.4 ~ 37.3	3.3 ~ 3.8	23.9 ~ 37.3
Glow plugs	M10 x 1.25	19.6 ~ 24.5	2.0 ~ 2.5	14.5 ~ 18.1
Oil switch	PT1/8	14.7 ~ 19.6	1.5 ~ 2.0	10.8 ~ 14.5
Nozzle locating screws	M20 x 1.5	49.1 ~ 68.7	5.0 ~ 7.0	36.2 ~ 50.6
Injection pipe nuts	M12 x 1.5	24.5 ~ 34.3	2.5 ~ 3.5	18.1 ~ 25.3

NOTE:

- For *marked screw, bolts and nuts on the table, apply engine oil to their threads and seats before tightening.
- The letter "M" in Size x Pitch means that the screw, bolt or nut dimension stands for metric. The size is the nominal outside diameter in mm of the threads. The pitch is the nominal distance in mm between two threads.