

### 3-9. RECOMMENDED TORQUE SPECIFICATIONS

Fastening parts	Tightening torque		
	N-m	kg-m	lb-ft
1. Cylinder head bolt	63 – 70	6.3 – 7.0	46.0 – 50.5
2. Cylinder head cover bolt	4 – 5	0.4 – 0.5	3.0 – 3.5
3. Spark plug	20 – 30	2.0 – 3.0	14.5 – 21.5
4. Distributor gear case	8 – 12	0.8 – 1.2	6.0 – 8.5
5. Rocker arm shaft screw	9 – 12	0.9 – 1.2	7.0 – 8.5
6. Valve adjusting screw lock nut	15 – 19	1.5 – 1.9	11.0 – 13.5
7. Crankshaft main bearing cap bolt	50 – 57	5.0 – 5.7	36.5 – 41.0
8. Oil filter stand	20 – 25	2.0 – 2.5	14.5 – 18.0
9. Oil filter Ass'y	12 – 16	1.2 – 1.6	9.0 – 11.5
10. Oil pressure switch	12 – 15	1.2 – 1.5	9.0 – 10.5
11. Oil drain plug	30 – 40	3.0 – 4.0	22.0 – 28.5
12. Oil pan bolt and nut	9 – 12	0.9 – 1.2	7.0 – 8.5
13. Oil pump strainer bolt	9 – 12	0.9 – 1.2	7.0 – 8.5
14. Water pump bolt and nut	9 – 12	0.9 – 1.2	7.0 – 8.5
15. Cooling fan nut	8 – 12	0.8 – 1.2	6.0 – 8.5
16. Flywheel bolt	57 – 65	5.7 – 6.5	41.5 – 47.0
17. Oil seal housing bolt	9 – 12	0.9 – 1.2	7.0 – 8.5
18. Connecting rod bearing cap nut	33 – 37	3.3 – 3.7	24.0 – 26.5
19. Crankshaft pulley bolt	10 – 13	1.0 – 1.3	7.5 – 9.0
20. Crankshaft timing belt pulley bolt	65 – 75	6.5 – 7.5	47.5 – 54.0
21. Timing belt cover bolt and nut	9 – 12	0.9 – 1.2	7.0 – 8.5
22. Camshaft timing pulley bolt	56 – 64	5.6 – 6.4	41.0 – 46.0
23. Timing belt tension bolt	24 – 30	2.4 – 3.0	17.5 – 21.5
24. Timing belt tensioner stud	9 – 12	0.9 – 1.2	7.0 – 8.5
25. Oil pump case bolt	9 – 12	0.9 – 1.2	7.0 – 8.5
26. Oil pump rotor plate screw	9 – 12	0.9 – 1.2	7.0 – 8.5
27. Inlet & exhaust manifold nut	18 – 28	1.8 – 2.8	13.5 – 20.0
28. Fuel pump nut	10 – 16	1.0 – 1.6	7.0 – 11.5
29. Engine mounting bracket frame side bolt	40 – 60	4.0 – 6.0	29.0 – 43.0
30. Engine mounting bracket engine side bolt	50 – 60	5.0 – 6.0	36.5 – 43.0
31. Engine mounting nut	40 – 50	4.0 – 5.0	29.0 – 36.0
32. Transmission mounting bracket bolt	18 – 28	1.8 – 2.8	13.5 – 20.0
33. Transmission mounting bolt	18 – 28	1.8 – 2.8	13.5 – 20.0
34. Transmission mounting and frame bolt	18 – 28	1.8 – 2.8	13.5 – 20.0
35. Propeller shaft flange bolt and nut	23 – 30	2.3 – 3.0	17.0 – 21.5

**NOTICE:** If specified tightening torque for particular bolt or nut is not included here, refer to p 0-12 of this manual.