ENGINE MECHANICAL

SERVICE DATA

0320M–01

Battery specific gravity	at 20°C (68°F)	1.25 to 1.29
New V–ribbed belt deflection	Pressing force: 98 N (10 kgf, 22 lbf)	
	For fan and generator	9.1 to 10.5 mm (0.358 to 0.413 in.)
	For vane pump	8 to 10 mm (0.315 to 0.394 in.)
Used V–ribbed belt deflection	Pressing force: 98 N (10 kgf, 22 lbf)	
	For fan and generator	11 to 13.5 mm (0.433 to 0.531 in.)
	For vane pump	11 to 14 mm (0.433 to 0.551 in.)
New V–ribbed belt tension		
	For fan and generator	637 to 735 N (65 to 75 kgf, 143 to 165 lbf)
	For vane pump	588 to 686 N (60 to 70 kgf, 132 to 154 lbf)
Used V–ribbed belt tension		
	For fan and generator	392 to 588 N (40 to 60 kgf, 88 to 132 lbf)
	For vane pump	245 to 392 N (25 to 40 kgf, 55 to 88 lbf)
Ignition timing	w/ Terminals TC and CG of DLC3 connected	8 to 12° BTDC @ idle
	w/ Terminals TC and CG of DLC3 disconnected	7 to 24° BTDC @ idle
Idle speed		650 to 750 rpm
Compression	Compression pressure	1.5 MPa (15.3 kgf/cm^2, 218 psi)
	Minimum pressure	1.0 MPa (10.2 kgf/cm^2, 145 psi)
	Difference between each cylinder	100 kPa (1.0 kgf/cm^2, 15 psi)
CO/HC	Idle CO concentration	0.5% or less
Valve clearance (cold)	Intake	0.15 to 0.25 mm (0.006 to 0.010 in.)
	Exhaust	0.25 to 0.35 mm (0.010 to 0.014 in.)
Intake air surge tank		
Maximum warpage		0.10 mm (0.0039 in.)
Intake manifold		
Maximum warpage	Air intake surge tank side	0.15 mm (0.0059 in.)
	Cylinder head side	0.08 mm (0.0031 in.)
Exhaust manifold		
Maximum warpage		0.50 mm (0.0196 in.)
Cylinder head set bolt		
Specified outside diameter at tension portion	STD	8.95 to 9.05 mm (0.3524 to 0.3563 in.)
	Maximum	8.75 mm (0.3445 in.)