SERVICE SPECIFICATIONS

SERVICE DATA

CH03M–07

Battery	Specific gravity When full charged at 20°C (68°F)	 1.25 – 1.27
Drive belt	Deflection with 98 N (10 kgf, 22.0 lbf) – New belt – Used belt Tension with SST – New belt – Used belt	 5 – 7 mm (0.20 – 0.28 in.) 7 – 8 mm (0.28 – 0.31 in.) 685 – 785 N (70 – 80 kgf) 295 – 440 N (30 – 45 kgf)
Alternator	Rated output Rotor coil resistance Slip ring diameter – STD Slip ring diameter – Limit Brush exposed length – STD Brush exposed length – Limit	12 V – 55 A, 70A, 90A 2.8 – 3.0 Ω 14.2 – 14.4 mm (0.559 – 0.567 in.) 12.8 mm (0.504 in.) 10.5 mm (0.413 in.) 1.5 mm (0.059 in.)
Alternator regulator (IC)	Regulating voltage – at 25°C (77°F) Regulating voltage – at 115°C (239°F)	14.0 – 15.0 V 13.5 – 14.3 V

TORQUE SPECIFICATIONS

CH03N–08

Part tightened	N·m	kgf·cm	ft·lbf
Drive end frame x Rectifier end frame	4.5	46	40 in.·lbf
Alternator pulley nut	110	1,125	81
Rectifier holder set screw	2.9	30	25.7 in.·lbf
Rear end cover x Rectifier end frame	4.5	46	40 in.·lbf
Terminal insulator mounting nut	4.1	42	36 in.·lbf
Pivot bolt (For alternator)	59	600	43
Lock bolt (For alternator)	29	300	21
Alternator wire mounting nut	12.7	130	9.4

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