

SERVICE SPECIFICATIONS

SERVICE DATA

CH03M-04

Battery	Specific gravity (When fully charge at 20°C (68°F)) 105D31 L battery 75D31 L battery	1.27 – 1.29 1.25 – 1.27
Drive belt	Tension New belt Used belt	125 ± 25 lbf 80 ± 20 lbf
Generator	Rated output Rotor coil resistance Slip ring diameter (STD) Slip ring diameter (Minimum) Brush exposed length (STD) Brush exposed length (Minimum)	12V-80A 2.8 – 3.0Ω 14.2 mm – 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.)
Voltage 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-03

Part tightened	N•m	kgf•cm	ft•lbf
Generator pulley nut	110	1,125	81
Drive belt adjusting bar x Timing chain cover	21	210	15
Pivot bolt (For generator)	59	600	43
Lock bolt (For generator)	21	210	15
Drive end frame x Rectifier end frame	4.5	46	40 in.-lbf
Rectifier holder set screw	2.94	29	26 in.-lbf
Rear end cover x Rectifier end frame (For nut)	4.5	46	40 in.-lbf
Rear end cover x Rectifier end frame (For screw)	3.82	38	34 in.-lbf
Rectifier plate mounting screw	3.8	39	34 in.-lbf
Terminal insulator mounting nut	4.1	42	36 in.-lbf