SERVICE SPECIFICATIONS

SERVICE DATA

CH01B–02

Battery	Specific gravity	at 20°C (68°F) 95D31L	1.27 – 1.29
		Except 95D31L	1.25 – 1.27
Alternator	Rated output		12 V 45 A, 12 V 60 A, 12 V 80 A, 12 V 100 A, 24 V 30 A, 24 V 55 A
	Rotor coil resistance		2.9 Ω
	Slip ring diameter	STD	14.2 mm – 14.4 mm (0.559 – 0.567 in.)
		Minimum	12.8 mm (0.504 in.)
	Brush exposed length	STD	10.5 mm (0.413 in.)
		Minimum	1.5 mm (0.059 in.)
IC Regulator	Regulating voltage at 115°C (239°F)	12 V type at 25°C (77°F)	14.0 – 15.0 V
			13.5 – 14.3 V
		24 V type at 25°C (77°F)	27.7 – 28.7 V
		at 115°C (239°F)	26.0 – 28.7 V

TORQUE SPECIFICATIONS

CH01D–0Q

Part tightened		N·m	kgf·cm	ft·lbf
Rectifier end frame x Drive end frame		4.5	46	40 in.·lbf
Alternator pulley x Rotor		110	1,125	81
Rectifier holder x Coil lead on rectifier end frame		2.9	30	26 in.·lbf
Plate terminal x Rectifier holder		3.8	39	34 in.·lbf
Rear end cover x Rectifier holder	Except 100A	4.4	45	39 in.·lbf
	100 A	4.5	46	40 in.·lbf
Terminal insulator x Rectifier holder	Except 100 A	4.1	41.5	36 in.·lbf
	100 A	6.5	66	58 in.·lbf