CHARGING

SERVICE DATA

S506X-01

Battery	Specific gravity	at 20°C (68°F)	1.25 – 1.29
	Voltage	at 20°C (68°F)	12.5 – 12.9 V
Drive belt	Deflection	New belt	7 – 10 mm (0.28 – 0.39 in.)
		Used belt	10 – 14 mm (0.39 – 0.55 in.)
	Tension	New belt	440 – 540 N (45 – 55 kgf)
		Used belt	200 – 340 N (20 – 35 kgf)
Alternator	Rated output		12 V 55 A, 12 V 70A
	Rotor coil resistance	at 20°C (68°F)	2.7 – 3.1 Ω
	Slip ring diameter	STD	14.2 – 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	Regulator voltage		13.2 – 14.8 V

SS09Y-01

TORQUE SPECIFICATION

Part tightened	N·m	kgf·cm	ft·lbf
Bearing retainer x Drive end frame	2.6	26.5	23 in.·lbf
Rectifier end frame x Rectifier holder	3.9	40	35 in.·lbf
Rectifier end frame x Drive end frame	5.9	60	52 in.·lbf
Rectifier holder x Coil lead on rectifier end frame	2.0	20	18 in.·lbf
IC regulator x Rectifier end frame	2.0	20	18 in.·lbf
IC regulator x Rectifier holder	2.0	20	18 in.·lbf
Brush holder x Rectifier holder	2.0	20	18 in.·lbf
Brush holder x IC regulator	2.0	20	18 in.·lbf
Rear end cover x Rectifier holder	4.5	46	40 in.·lbf
Terminal insulator x Rectifier holder	4.1	41.5	36 in.·lbf
Vacuum Pump x Rectifier end frame	7.8	80	69 in.·lbf