



## 8. CHECK THAT ROTOR ROTATES SMOOTHLY

## SERVICE SPECIFICATIONS

### SERVICE DATA

CH018-0V

Alternator	Rated output		12 V — 55 A
	Rotor coil resistance		2.8 — 3.0 $\Omega$
	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.)
Alternator regulator	Regulating voltage	at 25 °C (77° F)	14.0 — 15.0 V
		at 115°C (239° F)	13.5 — 14.3 V

CH03H-0A

## TORQUE SPECIFICATIONS

Part tightened	N·m	kgf·cm	ft·lbf
Bearing retainer x Drive end frame	2.6	27	23 in.-lbf
Rectifier end frame x Drive end frame	4.5	46	40 in.-lbf
Alternator pulley x Rotor	110	1,125	81
Rectifier x Rectifier holder	2.9	30	26 in.-lbf
Rear end cover x Rectifier holder	4.4	45	39 in.-lbf
Rectifier plate x Rectifier holder	3.8	39	34 in.-lbf
Terminal insulator x Rectifier holder	4.1	42	36 in.-lbf