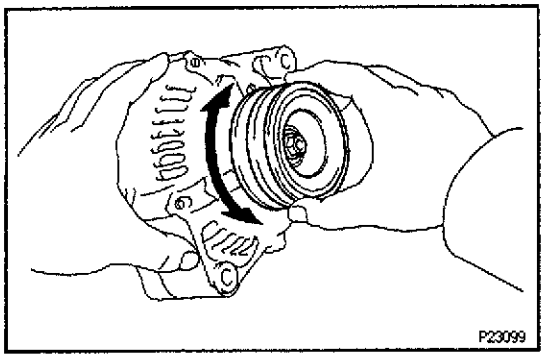


8. CHECK THAT ROTOR ROTATES SMOOTHLY

SERVICE SPECIFICATIONS

SERVICE DATA

CH01S–0V

CH

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

TORQUE SPECIFICATIONS

CH03H–0A

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