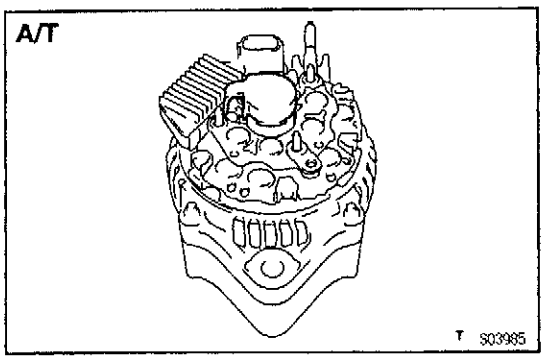


(d) Place the brush holder cover on the brush holder.

7. INSTALL REAR END COVER

(a) M/T:
Install the end cover with the 3 nuts.
Torque: 4.4 N·m (45 kgf·cm, 39 in.·lbf)

(b) A/T:
Install the end cover and plate terminal with the bolt and 3 nuts.
Torque:
nut: 4.4 N·m (45 kgf·cm, 39 in.·lbf)
bolt: 3.8 N·m (39 kgf·cm, 34 in.·lbf)

(c) Install the terminal insulator with the nut.
Torque: 4.1 N·m (42 kgf·cm, 36 in.·lbf)

8. CHECK THAT ROTOR ROTATES SMOOTHLY

CH

SERVICE SPECIFICATIONS

SERVICE DATA

CH01A–14

Battery	Specific gravity	at 20°C (68°F)	1.25 – 1.29
Drive belt	Deflection	New belt	5 – 7 mm (0.20 – 0.28 in.)
		Used belt	7 – 8 mm (0.28 – 0.31 in.)
	Tension	New belt	685 – 785 N (70 – 80 kgf)
		Used belt	295 – 440 N (30 – 45 kgf)
Alternator	Rated output	M/T	12 V 70 A
		A/T	12 V 80 A
	Rotor coil resistance	M/T	2.1 – 2.5 Ω
		A/T	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	Regulating voltage		13.2 – 14.8 V

TORQUE SPECIFICATIONS

CH01C–16

Part tightened		N·m	kgf·cm	ft·lbf
Bearing retainer x Drive end frame	M/T	2.6	27	23 in.·lbf
	A/T	2.95	30	27 in.·lbf
Rectifier end frame x Drive end frame		4.5	46	40 in.·lbf
Alternator pulley x Rotor		110.5	1,125	81
Rectifier end frame x Brush holder, IC regulator		2.0	20	17 in.·lbf
Rectifier holder x Coil lead on rectifier end frame	M/T	2.0	20	17 in.·lbf
	A/T	2.9	30	25 in.·lbf
Rear end cover x Rectifier holder		4.4	45	39 in.·lbf
Plate terminal x Rectifier holder (A/T only)	Nut	4.4	45	39 in.·lbf
	Bolt	3.8	39	34 in.·lbf
Terminal insulator x Rectifier holder		4.1	42	36 in.·lbf

—MEMO—