

STARTING & CHARGING

030PL-03

SERVICE DATA

Starter assy		
Specified current		90 A or less at 11.5 V
Commutator length	Standard	3.3 mm (0.1299 in.)
	Minimum	4.0 mm (0.1575 in.)
Brush holder length	Standard	9.0 mm (0.3543 in.)
	Minimum	4.0 mm (0.1575 in.)
Snap ring length	Maximum	5.0 mm (0.1969 in.)
Generator assy		
Rotor coil resistance	at 20°C (68°F)	2.1 to 2.5 Ω
Slip ring diameter	Standard	14.2 to 14.4 mm (0.559 to 0.567 in.)
	Minimum	12.8 mm (0.504 in.)
Brush exposed length	Standard	9.5 to 11.5 mm (0.374 to 0.453 in.)
	Minimum	1.5 mm (0.059 in.)
Battery		
Voltage	at 20°C (68°F)	12.5 to 12.9 V