

STARTER

Starter	No-load characteristics current	200 A or less at 11 V
Starter armature	Maximum circle runout	0.05 mm (0.00197 in.)
	Standard commutator diameter	36.0 mm (1.42 in.)
	Minimum commutator diameter	35.0 mm (1.38 in.)
	Standard undercut depth	0.7 mm (0.0276 in.)
	Minimum undercut depth	0.2 mm (0.00787 in.)
	Segments	Below 1 Ω
	Segment - Armature coil core	10 k Ω or higher
Brush length	Standard length	21.0 mm (0.827 in.)
	Minimum length	12.0 mm (0.472 in.)
Brush spring	Standard spring installed load	36 N (4 kgf, 8.1 lbf)
	Minimum spring installed load	12 N (1 kgf, 2.8 lbf)
Brush holder	Positive brush holder - Negative brush holder	10 k Ω or higher
Main switch	Terminal 50 - Terminal C	Below 1 Ω
	Terminal 50 - Housing body	Below 2 Ω

GLOW PLUG

Resistance	Glow plug terminal - Body ground	Approximately 1.0 Ω (20°C (68°F))
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