

1. Engine Electrical

A: SPECIFICATIONS

1. 1800 cc MODEL

Item		Designation		
Starter	Type	Reduction type		
	Model	MT M001T77181	AT M1T-75681	
	Manufacturer	Mitsubishi Electric		
	Voltage and output	12 V — 1.0 kW	12 V — 1.4 kW	
	Direction of rotation	Counterclockwise (when observed from pinion)		
	Number of pinion teeth	8	9	
	No-load characteristics	Voltage	11 V	
		Current	90 A or less	
		Rotating speed	3,000 rpm or more	
	Load characteristics	Voltage	8 V	7.7 V
		Current	280 A or less	300 A or less
		Torque	8.5 N·m (0.87 kg-m, 6.3 ft-lb)	10 N·m (1.0 kg-m, 7 ft-lb)
		Rotating speed	980 rpm or more	1,000 rpm or more
	Lock characteristics	Voltage	4 V	
		Current	780 A or less	980 A or less
Torque		17.6 N·m (1.80 kg-m, 13.0 ft-lb) or more	23 N·m (2.3 kg-m, 17 ft-lb) or more	
Generator	Type	Rotating-field three-phase type, Voltage regulator built-in type		
	Model	A2T39091		
	Manufacturer	Mitsubishi Electric		
	Voltage and output	12 V — 75 A		
	Polarity on ground side	Negative		
	Rotating direction	Clockwise (when observed from pulley side)		
	Armature connection	3-phase Y-type		
	Output current	1,500 rpm — 30 A or more 2,500 rpm — 64 A or more 5,000 rpm — 76 A or more		
	Regulated voltage	14.1 — 14.8 V [20°C (68°F)]		
Ignition coil	Model	CM12-100		
	Manufacturer	HITACHI		
	Primary coil resistance	0.63 — 0.77 Ω		
	Secondary coil resistance	10.4 — 15.6 kΩ		
	Insulation resistance between primary terminal and case	More than 10 MΩ		
Spark plug	Type and manufacturer	BKR6E-11 NGK		
	Thread size	mm	14, P = 1.25	
	Spark gap	mm (in)	1.0 — 1.1 (0.039 — 0.043)	

2. 2200 cc MODEL

Item		Designation	
Starter	Type	Reduction type	
	Model	M001T75681	
	Manufacturer	MITSUBISHI	
	Voltage and output	12 V — 1.4 kW	
	Direction of rotation	Counterclockwise (when observed from pinion)	
	Number of pinion teeth	9	
	No-load characteristics	Voltage	11 V
		Current	90 A or less
		Rotating speed	3,000 rpm, or more
	Load characteristics	Voltage	7.7 V
		Current	300 A
		Torque	9.81 N·m (1.001 kg·m, 7.236 ft·lb)
		Rotating speed	1,000 rpm or more
	Lock characteristics	Voltage	4 V
Current		980 A or less	
Torque		23 N·m (2.35 kg·m, 17.0 ft·lb) or more	
Generator	Type	Rotating-field three-phase type, Voltage regulator built-in type	
	Model	A2T39091	
	Manufacturer	Mitsubishi Electric	
	Voltage and output	12 V — 75 A	
	Polarity on ground side	Negative	
	Rotating direction	Clockwise (when observed from pulley side)	
	Armature connection	3-phase Y-type	
	Output current	1,500 rpm — 30 A or more 2,500 rpm — 64 A or more 5,000 rpm — 76 A or more	
	Regulated voltage	14.5 ^{+0.3} _{-0.4} V [20°C (68°F)]	
	Ignition coil	Model	F-569-01R
Manufacturer		Diamond	
Primary coil resistance		0.69 Ω±10%	
Secondary coil resistance		21.0 kΩ±15%	
Insulation resistance between primary terminal and case		More than 10 MΩ	
Spark plug	Type and manufacturer	Alternate RC10YC4 CHAMPION (BKR6E-11 NGK K20PR-U11 NIPPONDENSO)	
	Thread size	mm 14, P = 1.25	
	Spark gap	mm (in) 1.0 — 1.1 (0.039 — 0.043)	