



SPECIFICATION

IGNITION SYSTEM

Items	Specifications
Ignition coil	Mold coil type
Type	0.58 ± 10% ()
Primary resistance	8.8 ± 15% (k)
Secondary resistance	
Spark plugs	BKR5ES-11
NGK	RC10YCPB4
CHAMPION	
Gap	1.0 ~ 1.1 mm (0.039 ~ 0.043 in.)

STARTING SYSTEM

Items	Specifications
Starter	
Type	Reduction drive (with planetary gear)
Rated voltage	12V, 1.2KW
No. of pinion teeth	8
No-load characteristics	11V
Voltage	90A, Max.
Amperage	3,000 rpm, Min.
Speed	29.4 mm (1.157 in.)
Commutator diameter	28.4 mm (1.118 in.)
Standard	0.5 mm (0.02 in.)
Limit	0.2 mm (0.008 in.)
Undercut depth	
Standard	
Limit	

CHARGING SYSTEM

Items	Specifications
-------	----------------

Generator Type Rated voltage Speed in use Voltage regulator Regulator setting voltage Temperature compensation	Battery voltage sensing 13.5V, 90A 1000 ~ 18,000 rpm Electronic built-in type 14.4 ± 0.2V -10 ± 3 mV/°C
Battery Type Cold cranking amperage [at -18°C (0°F)] Reserve capacity Specific gravity [at 25°C (77°F)]	MF60AH 550A 92min 1,280 ± 0.01

NOTE

- COLD CRANKING AMPERAGE is the amperage a battery can deliver for 30 seconds and maintain a terminal voltage of 7.2V or greater at a specified temperature.
- REVERSE CAPACITY RATING is the amount of time a battery can deliver 25A and maintain a minimum terminal voltage of 10.5V at 26.7°C(80°F)

AUTO CRUISE CONTROL SYSTEM

Items	Specification
Setting error	Within ± 1.5Km/h on level road (± 1MPH)
Vehicle speed memory variation	No variation
Setting time	0.1sec max.
Resuming time	0.1sec max.
Minimum operating speed	40 ± 2Km/h (25 ± 1.2MPH)
Cancel speed range	15 ± 2Km/h (9 ± 1.2MPH)
Maximum memorized speed	160 ± 2Km/h (99 ± 1.2MPH)
Pulling force	127N(13Kgf)(28.6 lb-force)
Main switch serial resistance value	3.9k ± 1%
Command switch serial resistance value	SET switch : 220 ± 1%
	RESUME switch : 910 ± 1%

TIGHTENING TORQUE

Items	Nm	kg-cm	lb-ft
-------	----	-------	-------

Generator terminal (B+)	5 ~ 7	50 ~ 70	3.6 ~ 5.1
Starter motor terminal (B+)	10 ~ 12	100 ~ 120	7.3 ~ 8.8
Battery terminal	4 ~ 6	40 ~ 60	2.9 ~ 4.3
Spark plug	20 ~ 30	200 ~ 300	15 ~ 22