

## General Information

Battery/Charging System		Unit: mm (in)
Item	Standard	Service limit
Alternator charging coil resistance (at 20°C/68°F)	0.4–1.0 Ω (between W and ground)	_____
lighting coil resistance (at 20°/68°F)	0.2–0.8 Ω (between Y and ground)	_____
Regulator/rectifier regulated voltage (Charging)	14.0–15.0 V/5,000 min <sup>-1</sup> (rpm)	_____
(Lighting)	12.6–13.6 V/5,000 min <sup>-1</sup> (rpm)	_____
Battery capacity	12 V 3 Ah	_____
Battery specific gravity (Fully charged)	_____	_____
(Needs charging)	_____	_____
Battery charging rate (Normal)	0.4 A x 5 h	_____
(Quick)	4 A x 0.5 h	_____
Battery voltage (Fully charged, at 20°/68°F)	13.0–13.2 V	_____
(Needs charging, at 20°/68°F)	12.3 V	_____
Auto bystarter resistor resistance (6.7 Ω 5 W)	4.7–5.3 Ω	_____

Ignition System		
Spark plug (Standard)	BR6HSA (NGK)	_____
(For cold climate/below 5°C/41°F)	W20FR-L (NIPPONDENSO)	_____
(For extended high speed riding)	BR4HSA (NGK)	_____
	W14FR-L (NIPPONDENSO)	_____
	BR8HSA (NGK)	_____
	W24FR-L (NIPPONDENSO)	_____
Spark plug gap	0.6–0.7 (0.024–0.028)	_____
Ignition timing "F" mark	17° BTDC/1,800 min <sup>-1</sup> (rpm)	_____
Peak voltage Ignition coil	100 V minimum	_____
Exciter coil	100 V minimum	_____
Pulse generator coil	0.7 V minimum	_____
Alternator exciter coil resistance (at 20°C/68°F)	400–800 Ω	_____
Ignition coil resistance (at 20°C/68°F)		
Primary	0.1–0.4 Ω	_____
Secondary with plug cap	6.5–9.7 kΩ	_____
Secondary without plug cap	2.7–3.5 kΩ	_____
Pulse generator resistance (at 20°C/68°F)	50–200 Ω	_____

Lights/Meters/Switches		
Fuse		10 A
Headlight (high/low beam)	U type	12 V 35/35 W
	CM type	12 V 25/25 W
Brake/taillight	U type	12 V 21/5 W
	CM type	12 V 32/3 cp
Front turn signal light	U type	12 V 21 W x 2
	CM type	12 V 21 cp x 2
Rear turn signal light	U type	12 V 21 W x 2
	CM type	12 V 32 cp x 2
Instrument light		12 V 1.7 W x 2
High beam indicator		12 V 1.7 W
Turn signal indicator		12 V 3.4 W
Fuel level sensor resistance (at full position)		
between G and Y/W		25–45 Ω
between G and Bu/W		400–700 Ω
between Y/W and Bu/W		450–750 Ω
(at empty position)		
between G and Y/W		400–700 Ω
between G and Bu/W		25–45 Ω
between Y/W and Bu/W		450–750 Ω