

## GENERAL INFORMATION

ITEM		SPECIFICATION
ELECTRICAL	Ignition system	DC-CDI Kickstarter Electric starter motor with kickstarter Single phase output alternator SCR shorted, single phase half-wave rectification Alternator
	Starting system	
	Charging system	
	Regulator/rectifier	
	Lighting system	

### IGNITION SYSTEM SPECIFICATIONS

ITEM		SPECIFICATIONS
Spark plug	Standard	CPR7EA-9 (NGK)
	For extended high speed riding	CPR8EA-9 (NGK)
Spark plug gap		0.80 – 0.90 mm (0.031 – 0.035 in)
Ignition coil primary peak voltage		100 V minimum
Ignition pulse generator peak voltage		0.7 V minimum
Ignition timing ("F" mark)		8° BTDC at idle

### ELECTRIC STARTER SPECIFICATION

Unit: mm (in)

ITEM	STANDARD	SERVICE LIMIT
Starter motor brush length	10.00 – 10.05 (0.394 – 0.396)	6.5 (0.26)

### LUBRICATION SYSTEM SPECIFICATIONS

Unit: mm (in)

ITEM		STANDARD	SERVICE LIMIT
Engine oil capacity	After draining	1.0 liter (1.1 US qt, 0.9 Imp qt)	–
	After disassembly	1.2 liter (1.3 US qt, 1.1 Imp qt)	–
Recommended engine oil		Honda "4-stroke motorcycle oil" or an equivalent motor oil API service classification: SG or higher (except oils labeled as energy conserving on the circular API service label) Viscosity: SAE 10W-30 JASO T 903 standard: MA	–
Oil pump rotor	Tip clearance	0.15 (0.006)	0.20 (0.008)
	Body clearance	0.15 – 0.21 (0.006 – 0.008)	0.25 (0.010)
	Side clearance	0.05 – 0.10 (0.002 – 0.004)	0.12 (0.005)

### FUEL SYSTEM SPECIFICATIONS

ITEM		SPECIFICATIONS
Carburetor identification number	DK, NZ, I LA types	PDN2H
	III LA type	PDN2J
	CO type	PDN2K
	XL125LK (II DK type)	PDN2G
Main jet		#98
Slow jet		#38
Pilot screw initial opening	XR125LK/LEK	See page 6-12
	XL125LK	See page 6-13
Float level		14 mm (0.6 in)
Carburetor heater resistance (except III LA, CO types)		8.2 – 12.3 Ω (25°C/77°F)
PAIR control valve specified vacuum (XR125LK/LEK)		330 mm Hg
Idle speed		1,500 ± 100 min <sup>-1</sup> (rpm)
Throttle grip free play		2.0 – 6.0 mm (0.08 – 0.24 in)