1. GENERAL INFORMATION

SERVICE RULES

1. Use genuine Honda or Honda-recommended parts and lubricants or their equivalents. Parts that don't meet Honda's design specifications may cause damage to the motorcycle.
2. Use the special tools designed for this product to avoid damage and incorrect assembly.
3. Use only metric tools when servicing the motorcycle. Metric bolts, nuts and screws are not interchangeable with English fasteners.
4. Install new gaskets, O-rings, cotter pins, and lock plates when reassembling.
5. When tightening bolts or nuts, begin with the larger diameter or inner bolt first. Then tighten to the specified torque diagonally in incremental steps unless a particular sequence is specified.
6. Clean parts in cleaning solvent upon disassembly. Lubricate any sliding surfaces before reassembly.
7. After reassembly, check all parts for proper installation and operation.
8. Route all electrical wires as shown in the Cable and Harness Routing (page 1-23).

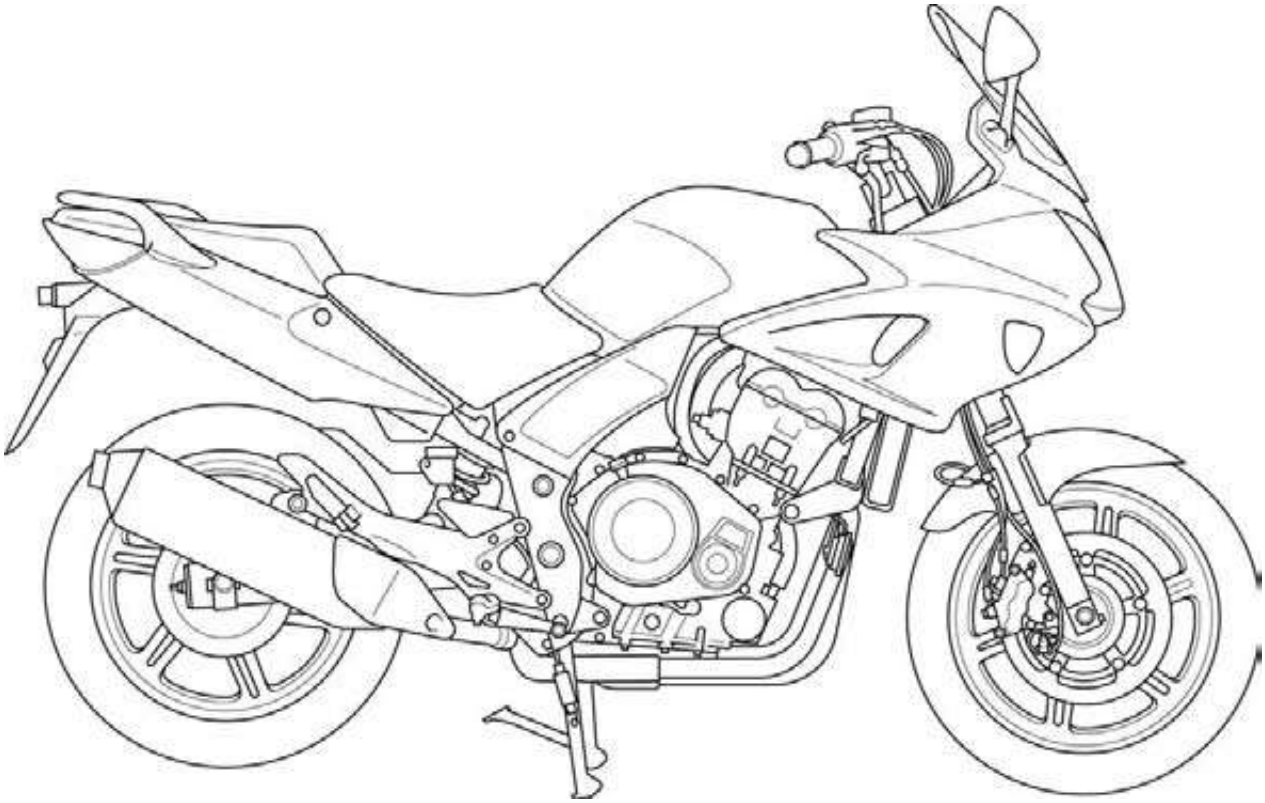
ABBREVIATION

Throughout this manual, the following abbreviations are used to identify the respective parts or systems.

Abbrev. term	Full term
PGM-FI	Programmed Fuel Injection
MAP sensor	Manifold Absolute Pressure sensor
TP sensor	Throttle Position sensor
ECT sensor	Engine Coolant Temperature sensor
IAT sensor	Intake Air Temperature sensor
CKP sensor	Crankshaft Position sensor
VS sensor	Vehicle Speed sensor
IACV	Idle Air Control Valve
ECM	Engine Control Module
EEPROM	Electrically Erasable Programmable Read Only Memory
DLC	Data Link Connector
SCS connector	Service Check Short connector
HDS	Honda Diagnostic System
DTC	Diagnostic Trouble Code
MIL	Malfunction Indicator Lamp
FP	Fuel Pump
PAIR	Pulsed Secondary Air Injection
ABS	Anti-lock Brake System
HISS	Honda Ignition Security System

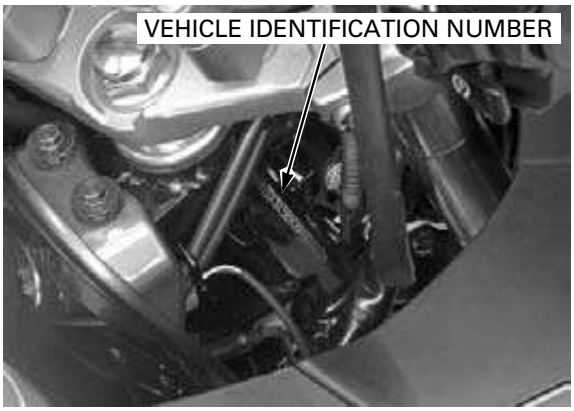
MODEL IDENTIFICATION

CBF1000A Shown:

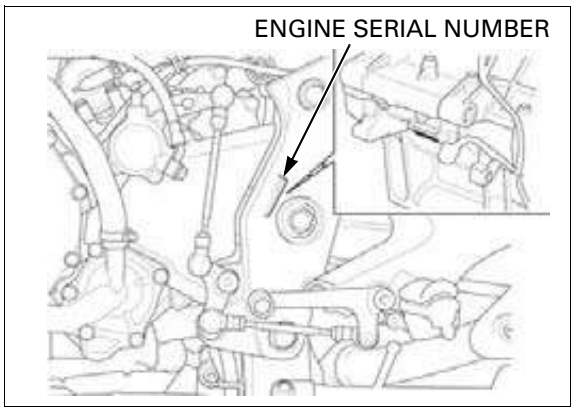


SERIAL NUMBERS

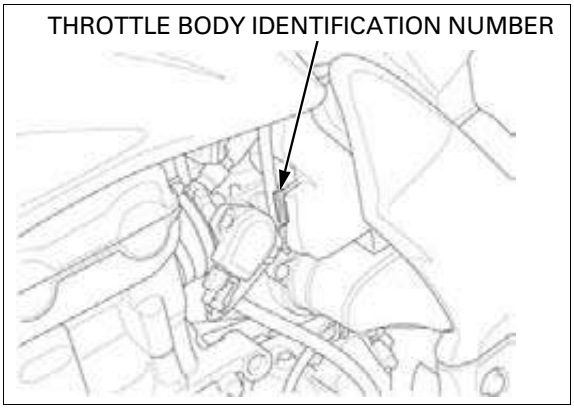
The Vehicle Identification Number (V.I.N) is stamped on the right side of the steering head.



The engine serial number is stamped on the lower side of the lower crankcase.



The throttle body identification number is stamped on the intake side of the throttle body as shown.



LABELS

The Model Identification Label is located on left side of the frame tube.

The color label is attached as shown. When ordering color-coded parts, always specify the designated color code.

GENERAL SPECIFICATIONS

ITEM			SPECIFICATIONS
DIMENSIONS	Overall length		2,156 mm (84.9 in)
	Overall width		782 mm (30.8 in)
	Overall height		1,238 mm (48.7 in)
	Wheelbase		1,483 mm (58.4 in)
	Seat height		800 mm (31.5 in)
	Ground clearance		130 mm (5.1 in)
	Curb weight	CBF1000:	244 kg (538 lbs)
		CBF1000A:	251 kg (553 lbs)
	Maximum weight capacity		195 kg (430 lbs)
FRAME	Frame type		Diamond type
	Front suspension		Telescopic fork
	Front axle travel		108 mm (4.3 in)
	Rear suspension		Swingarm
	Rear axle travel		120 mm (4.7 in)
	Front tire size		120/70ZR17M/C (58W)
	Rear tire size		160/60ZR17M/C (69W)
	Front tire brand	Bridgestone	BT57F RADIAL U
		Michelin	Pilot ROAD B
	Rear tire brand	Bridgestone	BT57R RADIAL E
		Michelin	Pilot ROAD A
	Front brake		Hydraulic double disc
	Rear brake		Hydraulic single disc
	Caster angle		26° 00′
	Trail length		111 mm (4.4 in)
	Fuel tank capacity		19.3 liter (5.1 US gal, 4.2 Imp gal)
ENGINE	Cylinder arrangement		4 cylinders in-line, inclined 28° from vertical
	Bore and stroke		75.0 x 56.5 mm (2.95 x 2.22 in)
	Displacement		998.4 cm^3 (60.92 cu-in)
	Compression ratio		11.0 : 1
	Valve train		Chain driven, DOHC
	Intake valve opens:	at 1 mm (0.04 in) lift	15° BTDC
	Intake valve closes:	at 1 mm (0.04 in) lift	15° ABDC
	Exhaust valve opens:	at 1 mm (0.04 in) lift	25° BBDC
	Exhaust valve closes:	at 1 mm (0.04 in) lift	5° ATDC
	Lubrication system		Forced pressure and wet sump
	Oil pump type		Trochoid
	Cooling system		Liquid cooled
	Air filtration		Paper element
	Engine dry weight		66.5 kg (146.6 lbs)
	Firing order		1 - 2 - 4 - 3
FUEL DELIVERY SYSTEM	Type		PGM-FI (Programmed Fuel Injection)
	Throttle bore		36 mm (1.4 in)
DRIVE TRAIN	Clutch system		Multi-plate, wet
	Clutch operation system		Hydraulic operating
	Transmission		Constant mesh, 6-speeds
	Primary reduction		1.604 (77/48)
	Final reduction		2.687 (43/16)
	Gear ratio	1st	2.714 (38/14)
		2nd	1.941 (33/17)
		3rd	1.578 (30/19)
		4th	1.363 (30/22)
		5th	1.217 (28/23)
		6th	1.115 (29/26)
	Gearshift pattern		1 - N - 2 - 3 - 4 - 5 - 6

ITEM		SPECIFICATIONS
ELECTRICAL	Ignition system	Computer-controlled digital transistorized with electric advance
	Starting system	Electric starter motor
	Charging system	Triple phase output alternator
	Regulator/rectifier	FET shorted/triple phase, full wave rectification
	Lighting system	Battery