



HOW TO USE THIS MANUAL

Follow the Maintenance Schedule recommendations to ensure that the vehicle is in peak operating condition and the emission levels are within the standards set by the U.S. Environmental Protection Agency. Performing the first scheduled maintenance is very important. It compensates for the initial wear that occurs during the break-in period.

Sections 1 through 3 apply to the whole motorcycle, while sections 4 through 21 describe parts of the motorcycle, grouped according to location.

Find the section you want on this page, then turn to the table of contents on page 1 of that section.

Most sections start with an assembly or system illustration, service information and troubleshooting for the section. The subsequent pages give detailed procedures.

If you are not familiar with this motorcycle, read the TECHNICAL FEATURES in section 22.

If you don't know the source of the trouble, go to section 23, TROUBLESHOOTING.

Service information for 1981 and later models is in the Addendums beginning with Section 24.

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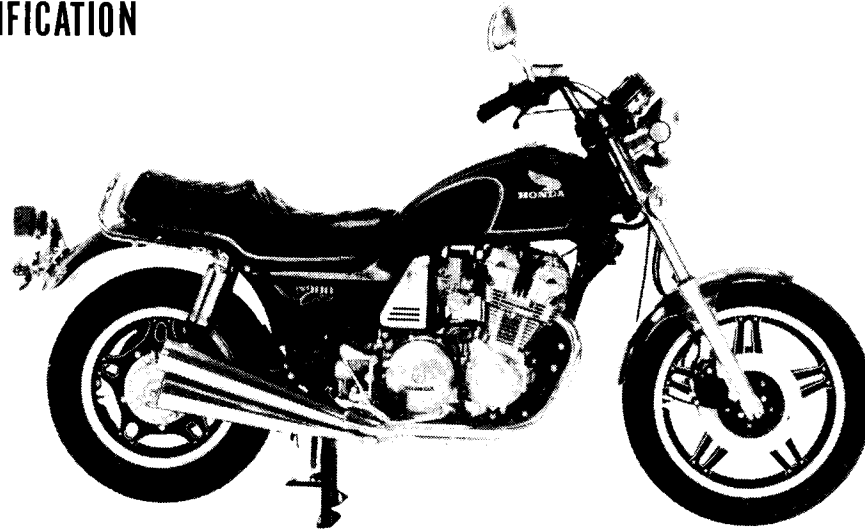
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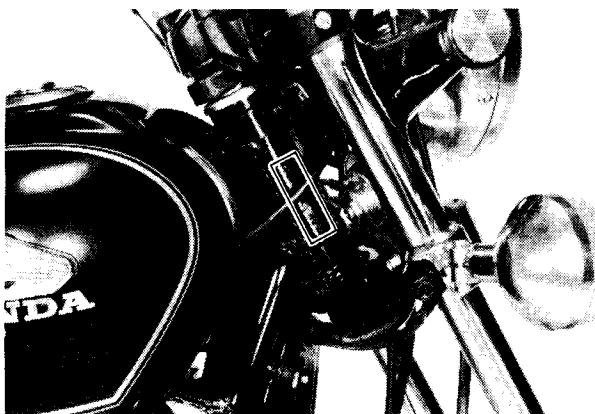
	GENERAL INFORMATION	1
	LUBRICATION	2
	INSPECTION AND ADJUSTMENT	3
ENGINE	FUEL SYSTEM	4
	ENGINE REMOVAL/INSTALLATION	5
	CYLINDER HEAD/VALVE	6
	CYLINDER/PISTON	7
	CLUTCH	8
	GEARSHIFT LINKAGE	9
	SUBTRANSMISSION	10
	CRANKCASE	11
	TRANSMISSION	12
	CRANKSHAFT/PRIMARY SHAFT	13
CHASSIS	FRONT WHEEL/SUSPENSION	14
	REAR WHEEL/SUSPENSION	15
	FINAL DRIVE	16
	HYDRAULIC BRAKE	17
ELECTRICAL	BATTERY/CHARGING SYSTEM	18
	IGNITION SYSTEM	19
	ELECTRIC STARTER	20
	SWITCHES	21
	TECHNICAL FEATURES	22
	TROUBLESHOOTING	23
	'81 CB900C ADDENDUM	24
	'81 CB900F ADDENDUM	25
	'82 CB900C • F ADDENDUM	26



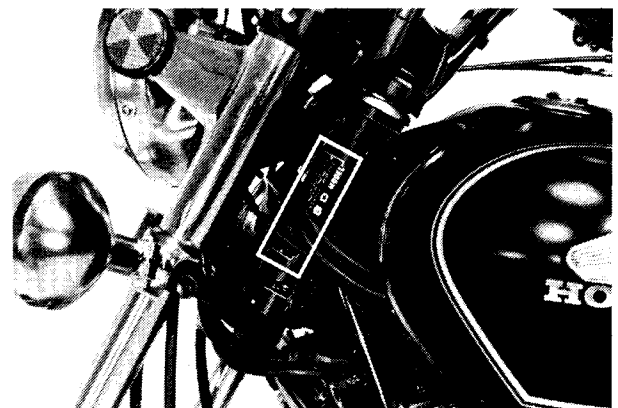
MODEL IDENTIFICATION



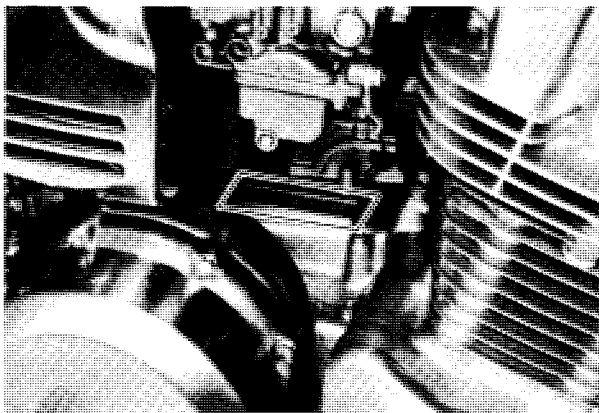
BEGINNING WITH F No. SC04-2000046
F No. SC04-2001669 [CANADA model]



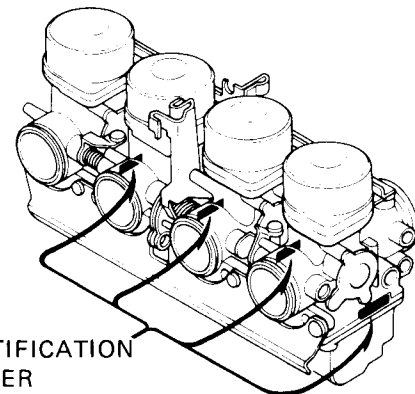
The frame serial number is stamped on the steering head right side.



The vehicle identification number (VIN) is on the steering head left side.



The engine serial number is stamped on top of the right crankcase.



IDENTIFICATION
NUMBER

The carburetor identification number is on the carburetor body left side.



GENERAL SAFETY	1-1	CABLE & HARNESS ROUTING	1-9
SERVICE RULES	1-1	MAINTENANCE SCHEDULE	1-11
SPECIFICATIONS	1-2	EMISSION CONTROL SYSTEM	1-12
TORQUE VALUES	1-4	EMISSION CONTROL INFORMATION LABEL	1-12
SPECIAL TOOLS/COMMON TOOLS	1-7		

GENERAL SAFETY

WARNING

If the engine must be running to do some work, make sure the area is well-ventilated. Never run the engine in a closed area. The exhaust contains poisonous carbon monoxide gas.

WARNING

Gasoline is extremely flammable and is explosive under certain conditions. Do not smoke or allow flames or sparks in your working area.

WARNING

The battery electrolyte contains sulfuric acid. Protect your eyes, skin and clothing. In case of contact, flush thoroughly with water and call a doctor if your eyes were exposed.

WARNING

The battery generates hydrogen gas which can be highly explosive. Do not smoke or allow flames or sparks near the battery, especially while charging it.

SERVICE RULES

1. Use genuine HONDA or HONDA-recommended parts and lubricants or their equivalent. Parts that do not meet HONDA's design specifications may damage the motorcycle.
2. Use the special tools designed for this product.
3. Use only metric tools when servicing this motorcycle. Metric bolts, nuts, and screws are not interchangeable with English fasteners. The use of incorrect tools and fasteners may damage the motorcycle.
4. Install new gaskets, O-rings, cotter pins, lock plates, etc. when reassembling.
5. When tightening bolts or nuts, begin with larger-diameter or inner bolts first, and tighten to the specified torque diagonally, 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.

**SPECIFICATIONS**

★ When a genuine Honda fairing is installed.

ITEM			
DIMENSIONS	Overall length	2,310 mm (90.9 in)	
	Overall width	915 mm (36.0 in)	
	Overall height	1,170 mm (46.1 in)	
	Wheelbase	1,580 mm (62.2 in)	
	Seat height	780 mm (30.7 in)	
	Foot peg height	330 mm (13.0 in)	
	Ground clearance	150 mm (5.9 in)	
	Dry weight	259 kg (571 lb)	
	Curb weight	277 kg (611 lb)	
FRAME	Type	Double cradle	
	Front suspension, travel	Telescopic fork 160 mm (6.3 in)	
	Rear suspension, travel	Swing arm/Shock absorber, 101 mm (4.0 in)	
	Gross vehicle weight rating	485 kg (1,070 lb)	
	Vehicle capacity load	208 kg (460 lb)	
	Front tire size	110/90-19-62H Universal pattern	
	Rear tire size	130/90-16-67H Universal pattern	
	Cold tire pressures	Up to 90 kg (200 lbs) load	Front 2.25 kg/cm ² (32 psi) ★ 2.8 (40 psi) Rear 2.25 kg/cm ² (32 psi)
		Up to vehicle capacity load	Front 2.25 kg/cm ² (32 psi) ★ 2.8 (40 psi) Rear 2.8 kg/cm ² (40 psi)
	Front brake, lining swept area	Double disc brake 1200 cm ² (186.0 sq in)	
Rear brake, lining swept area	Single disc brake 653 cm ² (101.2 sq in)		
Fuel capacity	16.5 liters (4.4 US gal, 3.6 Imp gal)		
Fuel reserve capacity	4.5 liters (1.2 US gal, 1.0 Imp gal)		
Caster angle	29°		
Trail	124 mm (4.9 in)		
Front fork oil capacity	280 ± 2.5 cc (9.5 ± 0.008 ozs)		
ENGINE	Type	Air cooled 4-stroke	
	Cylinder arrangement	Vertical in-line four	
	Bore and stroke	64.5 x 69.0 mm (2.54 x 2.72 in)	
	Displacement	902 cm ³ (55.0 cu in)	
	Compression ratio	8.8 : 1	
	Valve train	Chain driven DOHC 4 Valves per cylinder	
	Maximum horsepower	84 BHP/8,500 rpm	
	Maximum torque	7.8 kg-m (56.4 ft-lb)/7,000 rpm	
	Oil capacity	4.5 liters (4.8 US qt, 4.0 Imp qt) after disassembly 3.5 liters (3.7 US qt, 3.0 Imp qt) after draining	
	Lubrication system	Wet sump	
	Air filtration	Paper	
	Cylinder compression	12.0 ± 2.0 kg/cm ² (170 ± 28 psi)	
	Intake valve	Opens 10° (BTDC) at 1 mm lift, 63° (BTDC) at 0 lift Closes 35° (ABDC) at 1 mm lift, 98° (ABDC) at 0 lift	
	Exhaust valve	Opens 40° (BBDC) at 1 mm lift, 70° (BBDC) at 0 lift Closes 5° (ATDC) at 1 mm lift, 93° (ATDC) at 0 lift	
	Valve clearance (Cold)	IN: } 0.06–0.13 mm (0.002–0.005 in) EX: }	
	Engine weight	106 kg (234 lb)	
	Idle speed	1,000 ± 100 rpm	

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for your reading.**

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download the complete
manual instantly.**

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