HOW TO USE THIS MANUAL

This service manual describes the service procedures for the VT600C/CD.

Follow the Maintenance Schedule (Section 3) 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 and California Air Resources Board.

Performing the first scheduled maintenance is very important. It compensates for the initial wear that occurs during the break-in period.

Sections 1 and 3 apply to the whole motorcycle. Section 2 illustrates procedures for removal/installation of components that may be required to perform service described in the following sections. Sections 4 through 19 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 the first page of the 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 don't know the source of the trouble, go to section 21, Troubleshooting.

ALL INFORMATION, ILLUSTRATIONS, DIRECTIONS AND SPECIFICATIONS INCLUDED IN THIS PUBLICATION ARE BASED ON THE LATEST PRODUCT INFORMATION AVAILABLE AT THE TIME OF APPROVAL FOR PRINTING. HONDA MOTOR CO., LTD. RESERVES THE RIGHT TO MAKE CHANGES AT ANY TIME WITHOUT NOTICE AND WITHOUT INCURRING ANY OBLIGATION WHATEVER. NO PART OF THIS PUBLICATION MAY BE REPRODUCED WITHOUT WRITTEN PERMISSION. THIS MANUAL IS WRITTEN FOR PERSONS WHO HAVE ACQUIRED BASIC KNOWLEDGE OF MAINTENANCE ON HONDA MOTORCYCLES, MOTOR SCOOTERS OR ATVS.

**HONDA MOTOR CO., LTD.
SERVICE PUBLICATION OFFICE**

CONTENTS

Date of Issue: June, 1998

SYMBOLS

The symbols used throughout this manual show specific service procedures. If supplementary information is required pertaining to these symbols, it would be explained specifically in the text without the use of the symbols.

	Replace the part(s) with new one(s) before assembly.
	Use recommended engine oil, unless otherwise specified.
	Use molybdenum oil solution (mixture of the engine oil and molybdenum grease in a ratio of 1 : 1).
	Use multi-purpose grease (Lithium based multi-purpose grease NLGI # 2 or equivalent).
	Use molybdenum disulfide grease (containing more than 3 % molybdenum disulfide, NLGI # 2 or equivalent). Example: Molykote® BR-2 plus manufactured by Dow Corning, U. S. A. Multi-purpose M-2 manufactured by Mitsubishi Oil, Japan
	Use molybdenum disulfide paste (containing more than 40 % molybdenum disulfide, NLGI # 2 or equivalent). Example: Molykote® A-n paste, manufactured by Dow Corning, U. S. A. Honda Moly 60 (U. S. A. only) Rocol ASP manufactured by Rocol Limited, U. K. Rocol Paste manufactured by Sumico Lubricant, Japan
	Use silicone grease.
	Apply a locking agent. Use a middle strength locking agent unless otherwise specified.
	Apply sealant.
	Use DOT 4 brake fluid. Use the recommended brake fluid unless otherwise specified.
	Use Fork or Suspension Fluid.

NEW

Revised: October 1999, 1997 - 2000 VT600C/CD

MSV 8617 (9910)

1. GENERAL INFORMATION

GENERAL SAFETY

CARBON MONOXIDE

If the engine must be running to do some work, make sure the area is well ventilated. Never run the engine in an enclosed area.

⚠WARNING

The exhaust contains poisonous carbon monoxide gas that can cause loss of consciousness and may lead to death.

Run the engine in an open area or with an exhaust evacuation system in an enclosed area.

GASOLINE

Work in a well ventilated area. Keep cigarettes, flames or sparks away from the work area or where gasoline is stored.

⚠WARNING

Gasoline is extremely flammable and is explosive under certain conditions. KEEP OUT OF REACH OF CHILDREN.

HOT COMPONENTS

⚠WARNING

Engine and exhaust system parts become very hot and remain hot for some time after the engine is run. Wear insulated gloves or wait until the engine and exhaust system have cooled before handling these parts.

USED ENGINE OIL

⚠WARNING

Used engine oil may cause skin cancer if repeatedly left in contact with the skin for prolonged periods. Although this is unlikely unless you handle used oil on a daily basis, it is still advisable to thoroughly wash your hands with soap and water as soon as possible after handling used oil. KEEP OUT OF REACH OF CHILDREN.

BRAKE FLUID

CAUTION:

Spilling fluid on painted, plastic or rubber parts will damage them. Place a clean shop towel over these parts whenever the system is serviced. KEEP OUT OF REACH OF CHILDREN.

COOLANT

Under some conditions, the ethylene glycol in engine coolant is combustible and its flame is not visible. If the ethylene glycol does ignite, you will not see any flame, but you can be burned.

⚠WARNING

- ***Avoid spilling engine coolant on the exhaust system or engine parts. They may be hot enough to cause the coolant to ignite and burn without a visible flame.***
- ***Coolant (ethylene glycol) can cause some skin irritation and is poisonous if swallowed. KEEP OUT OF REACH OF CHILDREN.***
- ***Keep out of reach of pets and some pets are attracted to the smell and taste of coolant and can die if they drink it.***
- ***Do not remove the radiator cap when the engine is hot. The coolant is under pressure and could scald you.***

If coolant contacts your skin, wash the affected areas immediately with soap and water. If coolant contacts your eyes, flush them thoroughly with fresh water and get immediate medical attention. If swallowed, the victim must be forced to vomit then rinse mouth and throat with fresh water before obtaining medical attention. Because of these dangers, keep out of the reach of children. Recycle used coolant in an ecologically correct manner.

BATTERY HYDROGEN GAS & ELECTROLYTE

⚠WARNING

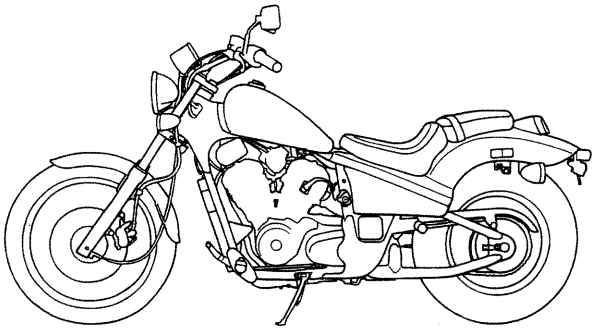
- ***The battery gives off explosive gases; keep sparks, flames and cigarettes away. Provide adequate ventilation when charging.***
- ***The battery contains sulfuric acid (electrolyte). Contact with skin or eyes may cause severe burns. Wear protective clothing and a face shield.***
  - ***If electrolyte gets on your skin, flush with water.***
  - ***If electrolyte gets in your eyes, flush with water for at least 15 minutes and call a physician immediately.***
- ***Electrolyte is poisonous.***
  - ***If swallowed, drink large quantities of water or milk and follow with milk of magnesia or vegetable oil and call a physician. KEEP OUT OF REACH OF CHILDREN.***

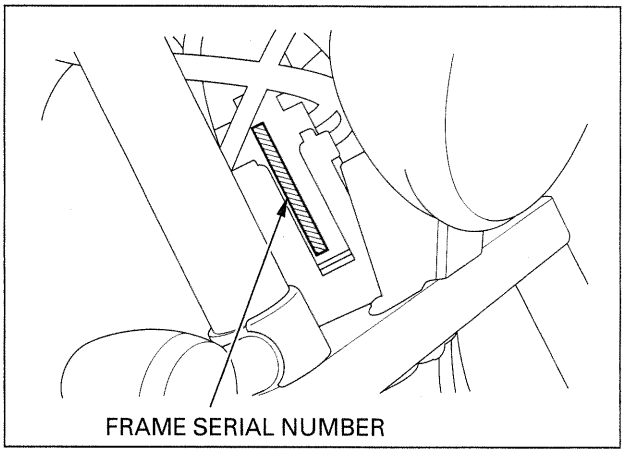
SERVICE RULES

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 cable and harness routing as shown on pages 1-21 through 1-29, Cable and Harness Routing.

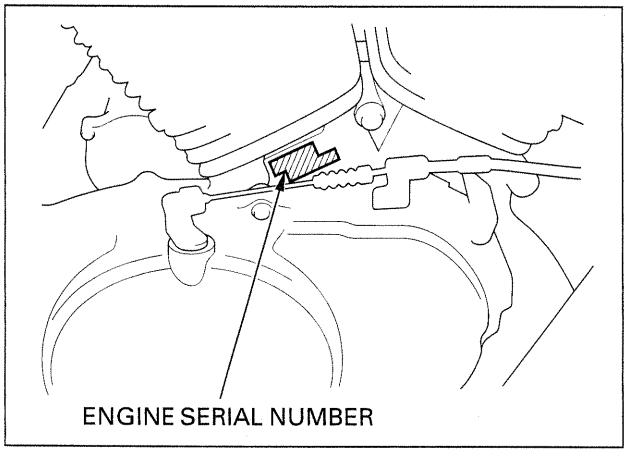
MODEL IDENTIFICATION

'97 – '98:

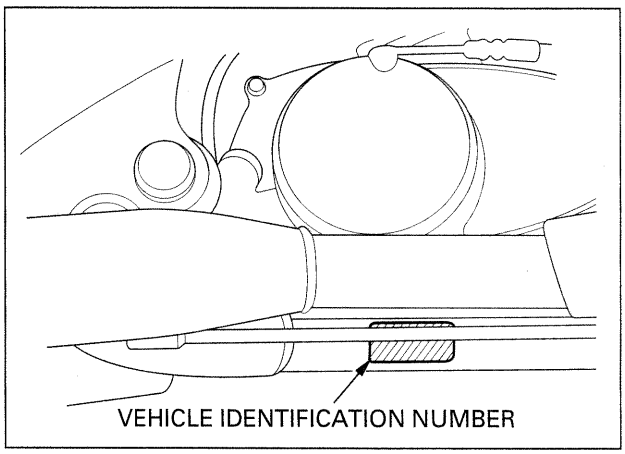




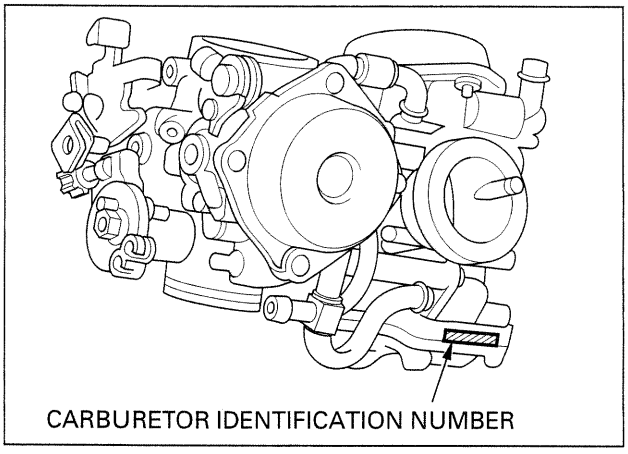
(1) The frame serial number is stamped on the right side of the steering head.



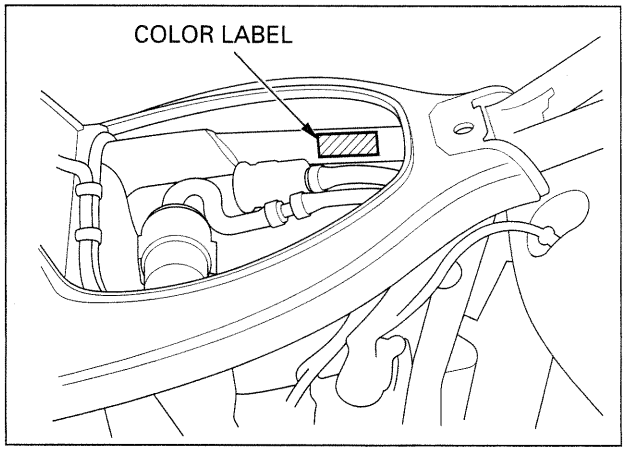
(2) The engine serial number is stamped on the right side of the crankcase below the rear cylinder.



(3) The Vehicle Identification Number (VIN) is located on the right side of the frame below the exhaust pipe.



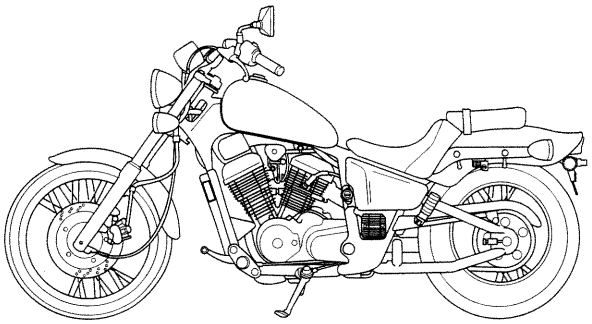
(4) The carburetor identification numbers are stamped on the intake side of the carburetor body as shown.

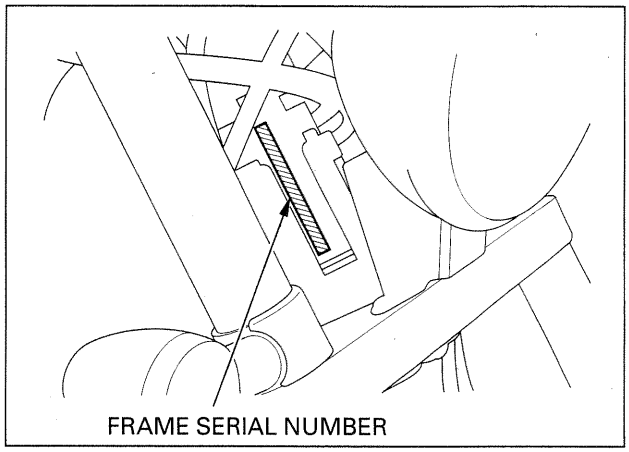


(5) The color label is attached on the frame under the seat. When ordering color-coded parts, always specify the designated color code.

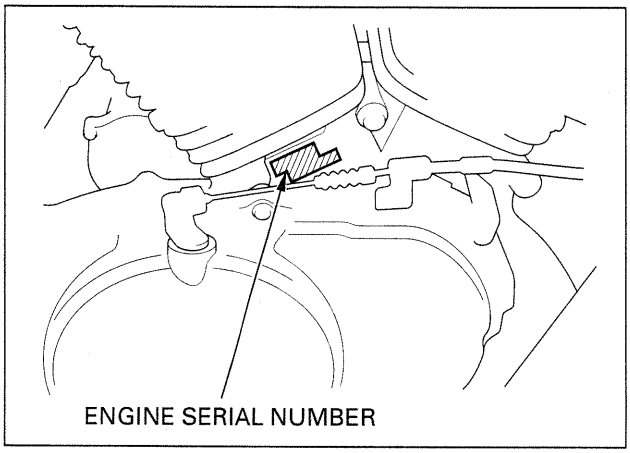
MODEL IDENTIFICATION

After '98:

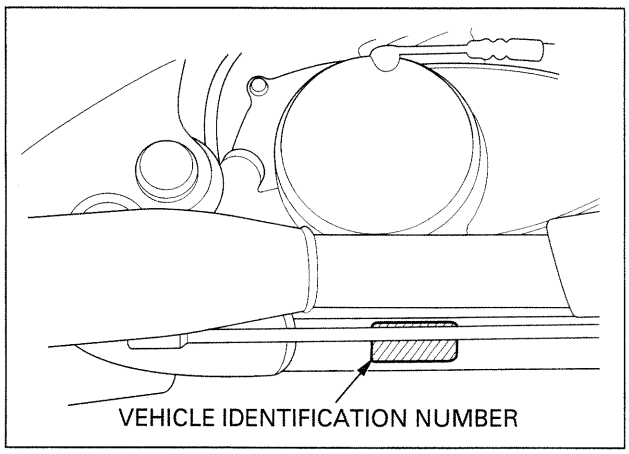




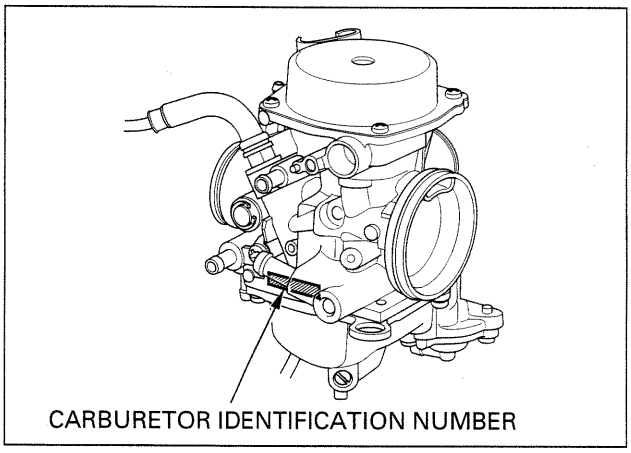
(1) The frame serial number is stamped on the right side of the steering head.



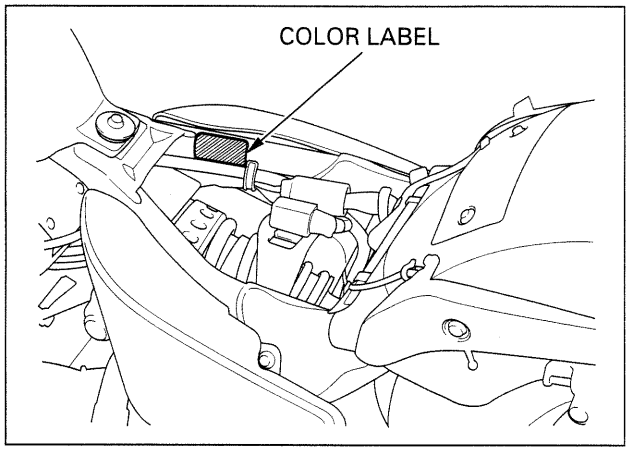
(2) The engine serial number is stamped on the right side of the crankcase below the rear cylinder.



(3) The Vehicle Identification Number (VIN) is located on the right side of the frame below the exhaust pipe.



(4) The carburetor identification numbers are stamped on the fuel tube joint side of the carburetor body as shown.



(5) The color label is attached on the frame under the seat. When ordering color-coded parts, always specify the designated color code.

SPECIFICATIONS

GENERAL

ITEM			SPECIFICATIONS
DIMENSIONS	Overall length		2,310 mm (90.9 in)
	Overall width	'97 – '98:	890 mm (35.0 in)
		After '98:	880 mm (34.6 in)
	Overall height	'97 – '98:	1,125 mm (44.3 in)
		After '98:	1,120 mm (44.1 in)
	Wheelbase	'97 – '98:	1,605 mm (63.2 in)
		After '98:	1,600 mm (63.0 in)
	Seat height	'97 – '98:	690 mm (27.2 in)
		After '98:	650 mm (25.6 in)
	Footpeg height	'97 – '98:	285 mm (11.2 in)
		After '98:	283 mm (11.1 in)
	Ground clearance	'97 – '98:	140 mm (5.5 in)
		After '98:	135 mm (5.3 in)
	Dry weight		
	VT600C		
	49 state/Canada type	'97 – '98:	199 kg (439 lbs)
	49 state/Canada type	After '98:	205 kg (452 lbs)
	California type	'97 – '98:	199 kg (439 lbs)
	California type	After '98:	206 kg (454 lbs)
	VT600CD		
	49 state/Canada type	'97 – '98:	202 kg (445 lbs)
	49 state/Canada type	After '98:	208 kg (459 lbs)
	California type	'97 – '98:	203 kg (448 lbs)
	California type	After '98:	209 kg (461 lbs)
	Curb weight		
	VT600C		
	49 state/Canada type	'97 – '98:	213 kg (470 lbs)
	49 state/Canada type	After '98:	214 kg (472 lbs)
	California type	'97 – '98:	214 kg (472 lbs)
	California type	After '98:	215 kg (474 lbs)
	VT600CD		
	49 state/Canada type	'97 – '98:	216 kg (476 lbs)
	49 state/Canada type	After '98:	217 kg (478 lbs)
	California type	'97 – '98:	217 kg (478 lbs)
	California type	After '98:	218 kg (481 lbs)
FRAME	Frame type		Double cradle
	Front suspension		Telescopic fork
	Front wheel travel		120 mm (4.7 in)
	Rear suspension		Swingarm
	Rear wheel travel		90 mm (3.5 in)
	Front tire size		100/90-19 57S
	Rear tire size		170/80-15 M/C 77S
	Tire brand Front	'97 – '98:	BRIDGESTONE L309 / DUNLOP F24
		After '98:	DUNLOP F24
	Rear	'97 – '98:	BRIDGESTONE G546 / DUNLOP K555
		After '98:	DUNLOP D404
	Front brake		Hydraulic single disc brake
	Rear brake		Internal expanding shoe
	Caster angle		35°
	Trail length	'97 – '98:	164 mm (6.5 in)
		After '98:	161 mm (6.3 in)
	Fuel tank capacity		11.0 ℓ (2.91 US gal , 2.42 Imp gal)
	Fuel tank reserve capacity		3.4 ℓ (0.90 US gal , 0.75 Imp gal)

NEW

GENERAL (Cont'd)

ITEM		SPECIFICATIONS
ENGINE	Bore and stroke	75.0 × 66.0 mm (2.95 × 2.60 in)
	Displacement	583 cm³ (35.6 cu-in)
	Compression ratio	9.2 : 1
	Valve train	Silent, multi-link chain drive and OHC with rocker arm
	Intake valve opens at 1 mm lift '97–'98:	10° BTDC
	Intake valve opens at 1 mm lift After '98:	0° BTDC
	Intake valve closes at 1 mm lift '97–'98:	30° ABDC
	Intake valve closes at 1 mm lift After '98:	20° ABDC
	Exhaust valve opens at 1 mm lift '97–'98:	30° BBDC
	Exhaust valve opens at 1 mm lift After '98:	30° BBDC
	Exhaust valve closes at 1 mm lift '97–'98:	10° ATDC
	Exhaust valve closes at 1 mm lift After '98:	0° ATDC
	Lubrication system	Forced pressure and wet sump
	Oil pump type	Trochoid
	Cooling system	Liquid cooled
	Air filtration	Paper filter
	Crankshaft type	Unit type, two main journals
	Engine dry weight	
	VT600C	
	'97:	61.0 kg (134.5 lbs)
	After '98:	62.0 kg (136.7 lbs)
	VT600CD	
		64.0 kg (141.1 lbs)
	Firing order	Front–308°–Rear–412°–Front
	Cylinder arrangement	Two cylinders, 52° V transverse
	Cylinder number	Front: #2, Rear: #1
CARBURETOR	Carburetor type '97–'98:	CV (Constant Velocity) dual carburetor with fuel pump
	After '98:	CV (Constant Velocity) single carburetor with accelerator pump
	Throttle bore	34 mm (1.3 in)
DRIVE TRAIN	Clutch system	Multi-plate, wet
	Clutch operation system	Mechanical type
	Transmission	Constant mesh, 4-speed
	Primary reduction	1.888 (36/68)
	Final reduction	2.750 (44/16)
	Gear ratio 1st	2.571 (36/14)
	2nd	1.700 (34/20)
	3rd	1.227 (27/22)
	4th	0.931 (27/29)
	Gearshift pattern	Left foot operated return system, 1–N–2–3–4
ELECTRICAL	Ignition system	Full transistor digital ignition
	Starting system	Electric starter motor
	Charging system	Triple phase output alternator
	Regulator/rectifier	SCR shorted/triple phase, full wave rectification
	Lighting system	Battery

Unit: mm (in)

LUBRICATION SYSTEM

ITEM		STANDARD	SERVICE LIMIT
Engine oil capacity	At draining	2.1 ℓ (2.2 US qt , 1.8 Imp qt)	———
	At disassembly	2.8 ℓ (3.0 US qt , 2.5 Imp qt)	———
	At oil filter change	2.25 ℓ (2.38 US qt , 1.98 Imp qt)	———
Recommended engine oil		HONDA GN4 or HP4 4-stroke oil or equivalent motor oil API service classification SF or SG Viscosity: SAE 10W−40	———
Oil pressure at oil pressure switch		441 kPa (4.5 kgf/cm², 64 psi) at 6,000 rpm (80 °C/176 °F)	———
Oil pump rotor	Tip clearance	0.15 (0.006)	0.20 (0.008)
	Body clearance	0.15−0.22 (0.006−0.009)	0.35 (0.014)
	Side clearance	0.02−0.07 (0.001−0.003)	0.10 (0.004)

FUEL SYSTEM

ITEM		SPECIFICATIONS	
		49 state/Canada type	California type
Carburetor identification number	'97−'98	VDFDA	VDFEA
	After '98	VE5AC	VE5AB
Main jet	'97−'98	# 115	
	After '98	# 125	
Slow jet	'97−'98	# 40	
	After '98	# 45	
Pilot screw	Initial/opening	See page 5-30	
	Hight altitude adjustment	See page 5-37	
Float level	'97−'98	7.0 mm (0.28 in)	
	After '98	18.5 mm (0.73 in)	
Base carburetor (for synchronization, '97−'98 models)		Rear cylinder (# 1)	
Idle speed		1,200 ± 100 rpm	
Throttle grip free play		2−6 mm (1/12−1/4 in)	
Fuel pump flow capacity ('97−'98 models)		Minimum 800 cm³ (27.1 US oz , 28.2 Imp oz) per minute at 13 V	

COOLING SYSTEM

ITEM		SPECIFICATIONS
Coolant capacity	Radiator and engine	1.6 ℓ (1.7 US qt , 1.4 Imp qt)
	Reserve tank	0.4 ℓ (0.4 US qt , 0.4 Imp qt)
Radiator cap relief pressure		88−127 kPa (0.9−1.3 kgf/cm², 12.8−18 psi)
Thermostat	Begin to open	80−84 °C (176−183 °F)
	Fully open	95 °C (203 °F)
	Valve lift	8 mm (0.3 in) minimum
Standard coolant concentration		50 % mixture with soft water

CLUTCH SYSTEM

Unit: mm (in)

ITEM		STANDARD	SERVICE LIMIT
Clutch lever free play		10–20 (3/8–3/4)	———
Clutch spring free length		43.2 (1.70)	41.6 (1.64)
Clutch disc thickness	A	2.92–3.08 (0.115–0.121)	2.6 (0.10)
	B	2.92–3.08 (0.115–0.121)	2.6 (0.10)
Clutch plate warpage		———	0.30 (0.012)
Clutch outer guide	I.D.	21.991–22.016 (0.8658–0.8668)	22.09 (0.870)
	O.D.	31.959–31.975 (1.2582–1.2589)	31.98 (1.259)
Clutch outer I.D.		32.000–32.025 (1.2598–1.2608)	32.10 (1.264)
Oil pump drive sprocket I.D.		32.000–32.025 (1.2598–1.2608)	32.10 (1.264)
Mainshaft O.D. at clutch outer guide		21.967–21.980 (0.8648–0.8654)	21.92 (0.863)

ALTERNATOR/STARTER CLUTCH

Unit: mm (in)

ITEM		STANDARD	SERVICE LIMIT
Starter driven gear	I.D.	37.000–37.025 (1.4567–1.4577)	37.10 (1.461)
	O.D.	57.749–57.768 (2.2736–2.2743)	57.73 (2.273)
Starter clutch outer I.D.		74.414–74.440 (2.9297–2.9307)	74.46 (2.931)

Unit: mm (in)

CYLINDER HEAD/VALVES

ITEM				STANDARD	SERVICE LIMIT
Cylinder compression				1,324 ± 98 kPa (13.5 ± 1.0 kgf/cm², 192 ± 14 psi) at 400 rpm	———
Cylinder head warpage				———	0.10 (0.004)
Valve, valve guide	Valve clearance		IN	0.15 (0.006)	———
			EX	0.20 (0.008)	———
	Valve stem O.D.		IN	5.475–5.490 (0.2156–0.2161)	5.45 (0.215)
			EX	6.555–6.570 (0.2581–0.2587)	6.55 (0.258)
	Valve guide I.D.		IN	5.500–5.512 (0.2165–0.2170)	5.56 (0.219)
			EX	6.600–6.615 (0.2598–0.2604)	6.65 (0.262)
	Stem-to-guide clearance		IN	0.010–0.037 (0.0004–0.0015)	0.10 (0.004)
			EX	0.030–0.060 (0.0012–0.0024)	0.11 (0.004)
	Valve guide projection above cylinder head		IN	19.4–19.6 (0.76–0.77)	———
			EX	17.9–18.1 (0.70–0.71)	———
	Valve seat width		IN/EX	0.90–1.10 (0.035–0.043)	1.5 (0.06)
Valve spring free length	Inner		IN	38.11 (1.500)	36.47 (1.436)
			EX	38.81 (1.528)	37.51 (1.477)
	Outer		IN	42.14 (1.659)	40.58 (1.598)
			EX	42.83 (1.686)	41.25 (1.624)
Camshaft	Cam lobe height	IN	'97–'98	37.930 (1.4933)	37.73 (1.485)
			After '98	37.188–37.348 (1.4641–1.4704)	37.16 (1.463)
		EX	'97–'98	37.950 (1.4941)	37.75 (1.486)
			After '98	37.605–37.765 (1.4805–1.4868)	37.58 (1.480)
	Journal O.D.			21.959–21.980 (0.8645–0.8654)	21.90 (0.862)
	Runout			0.030 (0.0012)	0.05 (0.002)
	Oil clearance			0.050–0.111 (0.0020–0.0044)	0.13 (0.005)
	Identification marks			"F": Front, "R": Rear	———
Rocker arm I.D.			IN/EX	12.000–12.018 (0.4724–0.4731)	12.05 (0.474)
Rocker arm shaft O.D.			IN/EX	11.966–11.984 (0.4711–0.4718)	11.91 (0.469)
Rocker arm-to-rocker arm shaft clearance				0.016–0.052 (0.0006–0.0020)	0.07 (0.003)

CYLINDER/PISTON

Unit: mm (in)

ITEM			STANDARD	SERVICE LIMIT
Cylinder	I.D.		75.000 – 75.015 (2.9528 – 2.9533)	75.10 (2.957)
	Out of round		———	0.06 (0.002)
	Taper		———	0.06 (0.002)
	Warpage		———	0.10 (0.004)
Piston, piston rings	Piston mark direction		"IN" mark facing toward the intake side	———
	Piston O.D.		74.965 – 74.990 (2.9514 – 2.9524)	74.90 (2.949)
	Piston O.D. measurement point		10 mm (0.4 in) from bottom of skirt	———
	Piston pin bore I.D.		18.002 – 18.008 (0.7087 – 0.7090)	18.05 (0.711)
	Piston pin O.D.		17.994 – 18.000 (0.7084 – 0.7087)	17.98 (0.708)
	Piston-to-piston pin clearance		0.002 – 0.014 (0.0001 – 0.0006)	0.04 (0.002)
	Piston ring-to-ring groove clearance	Top	0.015 – 0.045 (0.0006 – 0.0018)	0.10 (0.004)
		Second	0.015 – 0.045 (0.0006 – 0.0018)	0.10 (0.004)
	Piston ring end gap	Top	0.10 – 0.30 (0.004 – 0.012)	0.5 (0.02)
		Second	0.10 – 0.30 (0.004 – 0.012)	0.5 (0.02)
		Oil (side rail)	0.20 – 0.70 (0.008 – 0.028)	0.9 (0.04)
	Piston ring mark	Top/second	"N" mark	———
Cylinder-to-piston clearance			0.010 – 0.050 (0.0004 – 0.0020)	0.10 (0.004)
Connecting rod small end I.D.			18.016 – 18.034 (0.7093 – 0.7100)	18.07 (0.711)
Connecting rod-to-piston pin clearance			0.016 – 0.040 (0.0006 – 0.0016)	0.06 (0.002)

CRANKSHAFT/TRANSMISSION

Unit: mm (in)

ITEM			STANDARD	SERVICE LIMIT
Crankshaft	Side clearance		0.05 – 0.20 (0.002 – 0.008)	0.30 (0.012)
	Runout		———	0.05 (0.002)
	Crank pin oil clearance		0.028 – 0.052 (0.0011 – 0.0020)	0.07 (0.003)
	Main journal oil clearance		0.025 – 0.041 (0.0010 – 0.0016)	0.06 (0.002)
Transmission	Gear I.D.	M2, M4, C3	28.000 – 28.021 (1.1024 – 1.1032)	28.04 (1.104)
		C1	24.000 – 24.021 (0.9449 – 0.9457)	24.94 (0.982)
	Bushing O.D.	M2, M4, C3	27.959 – 27.980 (1.1007 – 1.1016)	27.94 (1.100)
		C1	23.959 – 23.980 (0.9433 – 0.9441)	23.94 (0.943)
	Bushing I.D.	M2	25.000 – 25.021 (0.9843 – 0.9851)	25.04 (0.986)
		C1	20.016 – 20.037 (0.7880 – 0.7889)	20.06 (0.790)
	Gear-to-bushing clearance	M2, M4	0.020 – 0.062 (0.0008 – 0.0024)	0.10 (0.004)
		C1, C3	0.020 – 0.062 (0.0008 – 0.0024)	0.10 (0.004)
	Mainshaft O.D.	M2 bushing	24.959 – 24.980 (0.9826 – 0.9835)	24.94 (0.982)
	Countershaft O.D.	C1 bushing	19.980 – 19.993 (0.7866 – 0.7871)	19.96 (0.786)
	Bushing-to-shaft clearance	M2	0.020 – 0.062 (0.0008 – 0.0024)	0.10 (0.004)
		C1	0.023 – 0.057 (0.0009 – 0.0022)	0.10 (0.004)
Shift fork, fork shaft	Fork	I.D.	13.000 – 13.018 (0.5118 – 0.5125)	13.04 (0.513)
		Claw thickness	5.93 – 6.00 (0.233 – 0.236)	5.6 (0.22)
	Fork shaft O.D.		12.966 – 12.984 (0.5105 – 0.5112)	12.90 (0.508)
Shift drum O.D. (at the left side journal)			11.966 – 11.984 (0.4711 – 0.4718)	11.94 (0.470)

Unit: mm (in)

FRONT WHEEL/SUSPENSION/STEERING

ITEM		STANDARD	SERVICE LIMIT
Minimum tire tread depth		—	1.5 (0.06)
Cold tire pressure	Up to 90 kg (200 lb) load	200 kPa (2.00 kgf/cm², 29 psi)	—
	Up to maximum weight capacity	200 kPa (2.00 kgf/cm², 29 psi)	—
Axle runout		—	0.20 (0.008)
Wheel rim runout	Radial	—	2.0 (0.08)
	Axial	—	2.0 (0.08)
Wheel hub-to-rim distance		32.3 ± 0.8 (1.27 ± 0.03)	—
Wheel balance weight		Max 70 g (2.5 oz)	—
Fork	Spring free length	333.9 (13.15)	327.2 (12.88)
	Spring direction	Tightly wound coils should be at the top	—
	Tube runout	—	0.20 (0.008)
	Recommended fork fluid	Pro-Honda Suspension Fluid SS-8	—
	Fluid level	111 (4.4)	—
	Fluid capacity	449 ± 0.25 cm³ (15.2 ± 0.02 US oz, 15.8 ± 0.09 Imp oz)	—
Steering head bearing preload		0.9–1.4 kgf (2.0 – 3.1 lbf)	—

Unit: mm (in)

REAR WHEEL/BRAKE/SUSPENSION

ITEM		STANDARD	SERVICE LIMIT
Minimum tire tread depth		—	2.0 (0.08)
Cold tire pressure	Up to 90 kg (200 lb) load	200 kPa (2.00 kgf/cm², 29 psi)	—
	Up to maximum weight capacity	250 kPa (2.50 kgf/cm², 36 psi)	—
Axle runout		—	0.20 (0.008)
Wheel rim runout	Radial	—	2.0 (0.08)
	Axial	—	2.0 (0.08)
Wheel hub-to-rim distance		32.3 ± 0.8 (1.27 ± 0.03)	—
Wheel balance weight		Max 70 g (2.5 oz)	—
Drive chain link		120L	—
Drive chain slack		20–30 (3/4–1-1/4)	50 (2.0)
Drive chain size	DID	525 V8	—
	RK	525 SM5	—
Rear brake	Drum I.D.	160.0–160.3 (6.30–6.31)	161 (6.3)
	Lining thickness	5 (0.2)	2 (0.1)
Brake pedal free play		20–30 (3/4–1-1/4)	—
Shock absorber spring preload adjuster setting		2nd position	—

NEW

HYDRAULIC BRAKE

Unit: mm (in)

ITEM	STANDARD	SERVICE LIMIT
Specified brake fluid	DOT 4	———
Brake pad wear indicator	———	To groove
Brake disc thickness	5.0 (0.20)	4.0 (0.16)
Brake disc runout	———	0.30 (0.012)
Master cylinder I.D.	11.000 – 11.043 (0.4331 – 0.4348)	11.05 (0.435)
Master piston O.D.	10.957 – 10.984 (0.4314 – 0.4324)	10.945 (0.4309)
Caliper cylinder I.D.	27.000 – 27.050 (1.0630 – 1.0650)	27.06 (1.065)
Caliper piston O.D.	26.935 – 26.968 (1.0604 – 1.0617)	26.93 (1.060)

BATTERY/CHARGING SYSTEM

ITEM			SPECIFICATIONS
Battery	Capacity		12V-8 AH
	Current leakage		1.3 mA max.
	Voltage (20 °C/68 °F)	Fully charged	13.0 – 13.2 V
		Needs charging	Below 12.3 V
	Charging current	Normal	0.8 A/10 h
		Quick	4.0 A/1 h max
Alternator	Capacity		345 W/5,000 rpm
	Charging coil resistance (20 °C/68 °F)		0.1 – 1.0 Ω
Regulator/rectifier regulated voltage			14 – 15 V/4,000 rpm

IGNITION SYSTEM

ITEM			SPECIFICATIONS	
Spark plug	Standard		DPR8EA-9 (NGK)	X24EPR-U9 (DENSO)
	For cold climate (below 5 °C/41 °F)		DPR7EA-9 (NGK)	X22EPR-U9 (DENSO)
	For extended high speed riding		DPR9EA-9 (NGK)	X27EPR-U9 (DENSO)
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			6.5° BTDC at idle	
Advance	Start	'97 – '98	2,000 ± 200 rpm	
		After '98	1,800 ± 200 rpm	
	Stop		6,000 ± 200 rpm	
Full advance			BTDC 30°	

Unit: mm (in)

ELECTRIC STARTER

ITEM	STANDARD	SERVICE LIMIT
Starter motor brush length	12.5 (0.49)	6.5 (0.26)

LIGHTS/METERS/SWITCHES

ITEM			SPECIFICATIONS
Bulbs	Headlight (High/low beam)		12V-60/55W
	Brake/tail light		12V-32/3CP × 2
	Front turn signal/running light		12V-21/5W × 2
	Rear turn signal light		12V-21W × 2
	License light		12V-4CP
	Instrument light		12V-3.4W
	Turn signal indicator		12V-1.7W
	High beam indicator		12V-1.7W
	Neutral indicator		12V-1.7W
Fuse	Main fuse		30A
	Sub fuse		10A × 3, 15A × 1
Fuel pump flow capacity (min./minute) ('97 – '98 models)			800 cm³ (27.1 US oz , 28.2 Imp oz)
Fan motor switch	Start to close (ON)		98 – 102°C (208 – 216°F)
	Start to open (OFF)		93 – 97°C (199 – 207°F)
Thermosensor resistance ('97 – '00)		50 °C/122 °F	130 – 180 Ω
		80 °C/176 °F	45 – 60 Ω
		120 °C/248 °F	10 – 20 Ω
Thermo switch (After '00)	Start to close (ON)		112 – 118°C (259 – 270°F)
	Start to open (OFF)		Below 108°C (252°F)

NEW

TORQUE VALUES

FASTENER TYPE	TORQUE N·m (kgf·m, lbf·ft)	FASTENER TYPE	TORQUE N·m (kgf·m, lbf·ft)
5 mm hex bolt and nut	5 (0.5, 3.6)	5 mm screw	4 (0.4, 2.9)
6 mm hex bolt and nut	10 (1.0, 7)	6 mm screw	9 (0.9, 6.5)
8 mm hex bolt and nut	22 (2.2, 16)	6 mm flange bolt (8 mm head)	9 (0.9, 6.5)
10 mm hex bolt and nut	35 (3.5, 25)	6 mm flange bolt (10 mm head) and nut	12 (1.2, 9)
12 mm hex bolt and nut	54 (5.5, 40)	8 mm flange bolt and nut	26 (2.7, 20)
		10 mm flange bolt and nut	39 (4.0, 29)

- Torque specifications listed below are for important fasteners.
- Others should be tightened to standard torque values listed above.

NOTES: 1. Apply sealant to the threads.
2. Apply a locking agent to the threads.
3. Apply molybdenum disulfide oil to the threads and flange surface.
4. Apply grease to the threads.
5. Stake.
6. Apply oil to the threads and flange surface.
7. Apply clean engine oil to the O-ring.
8. U-nut.
9. ALOC bolt: replace with a new one.

ENGINE

ITEM		Q'TY	THREAD DIA. (mm)	TORQUE N·m (kgf·m, lbf·ft)	REMARKS
MAINTENANCE:					
Spark plug		4	12	14 (1.4 , 10)	
Crankshaft hole cap		1	30	15 (1.5 , 11)	NOTE 3
Timing hole cap		1	22	15 (1.5 , 11)	NOTE 3
Valve adjust cover		8	6	12 (1.2 , 9)	
Valve adjusting screw lock nut		6	7	23 (2.3 , 17)	NOTE 6
Drain bolt	'97 – '98:	1	14	34 (3.5 , 25)	
	After '98:			30 (3.1 , 22)	
Oil filter cartridge		1	20	10 (1.0 , 7)	NOTE 2
Vacuum plug ('97 – '98)		2	5	3 (0.33 , 2.4)	
LUBRICATION SYSTEM:					
Oil pressure switch	'97 – '98:	1	PT1/8	10 (1.0 , 7)	NOTE 1
	After '98:			12 (1.2 , 9)	
Oil pressure switch cord		1	4	2 (0.23 , 1.7)	
Oil pump driven sprocket bolt		1	6	15 (1.5 , 11)	NOTE 2
Oil pump cover bolt (After '98)		3	6	13 (1.3 , 9)	
ENGINE MOUNTING:					
Drive sprocket plate bolt		2	10	10 (1.0 , 7)	
CLUTCH/GEARSHIFT LINKAGE:					
Right crankcase cover bolt		13	6	12 (1.2 , 9)	
Clutch cable holder bolt		1	6	12 (1.2 , 9)	
Clutch lifter plate bolt		4	6	12 (1.2 , 9)	
Clutch center lock nut	'97 – '98:	1	18	127 (13.0 , 94)	NOTE 5
	After '98:			128 (13.1 , 95)	
Primary drive gear bolt		1	12	88 (9.0 , 65)	NOTE 6
Gearshift cam plate bolt		1	8	12 (1.2 , 9)	NOTE 2
Left rear cover bolt		1	6	12 (1.2 , 9)	
Gearshift return spring pin		1	8	23 (2.3 , 17)	

ENGINE (Cont'd)

ITEM		Q'TY	THREAD DIA. (mm)	TORQUE N·m (kgf·m, lbf·ft)	REMARKS
ALTERNATOR/STARTER CLUTCH:					
Left crankcase cover bolt		10	6	12 (1.2 , 9)	
Flywheel bolt	'97 – '98:	1	12	127 (13.0 , 94)	NOTE 6
	After '98:			128 (13.1 , 95)	
Stator mounting socket bolt		4	6	12 (1.2 , 9)	NOTE 2
Starter one-way clutch socket bolt	'97 – '98:	6	8	29 (3.0 , 22)	NOTE 2
	After '98:			30 (3.1 , 22)	
Alternator cord clamper		2	6	12 (1.2 , 9)	NOTE 2
Ignition pulse generator bolt		4	6	12 (1.2 , 9)	NOTE 2
CYLINDER HEAD:					
Cylinder head cover bolt		4	6	10 (1.0 , 7)	
Cam sprocket bolt		4	7	23 (2.3 , 17)	NOTE 2
Camshaft holder 8 mm bolt		6	8	23 (2.3 , 17)	
8 mm nut		4	8	23 (2.3 , 17)	
Camshaft end holder bolt	'97 – '98:	4	6	9 (0.9 , 6.5)	
	After '98:			10 (1.0 , 7)	
Cam chain tensioner mounting bolt		4	6	10 (1.0 , 7)	NOTE 2
Cylinder head 8 mm bolt		4	8	23 (2.3 , 17)	NOTE 6
6 mm bolt		2	6	12 (1.2 , 9)	NOTE 6
10 mm nut		8	10	47 (4.8 , 35)	NOTE 6
CRANKSHAFT/TRANSMISSION:					
Mainshaft bearing set plate bolt ('97 – '98)		1	6	12 (1.2 , 9)	NOTE 2
Countershaft bearing set plate bolt ('97 – '98)		3	6	9 (0.9 , 6.5)	NOTE 2
Bearing set plate bolt (After '98)		4	6	12 (1.2 , 9)	NOTE 2
Cam chain tensioner set plate bolt		2	6	12 (1.2 , 9)	NOTE 2
Crankcase 8 mm bolt		13	8	23 (2.3 , 17)	
6 mm bolt	'97 – '98:	7	6	9 (0.9 , 6.5)	
	After '98:			12 (1.2 , 9)	
Connecting rod bearing nut		4	8	33 (3.4 , 25)	NOTE 6
Neutral switch		1	10	12 (1.2 , 9)	NOTE 1
ELECTRIC STARTER:					
Starter motor cable nut		1	6	10 (1.0 , 7)	

FRAME

ITEM		Q'TY	THREAD DIA. (mm)	TORQUE N·m (kgf·m, lbf·ft)	REMARKS
FRAME/BODY PANELS/EXHAUST SYSTEM:					
Exhaust pipe joint nut		4	8	25 (2.5 , 18)	
Exhaust cover bolt		3	6	12 (1.2 , 9)	
Muffler bracket mounting bolt		1	8	20 (2.0 , 14)	
nut		4	8	20 (2.0 , 14)	
Sub-frame mounting bolt		2	6	12 (1.2 , 9)	
nut		2	6	12 (1.2 , 9)	
MAINTENANCE:					
Side stand pivot bolt		1	10	10 (1.0 , 7)	
nut	'97 – '98:	1	10	29 (3.0 , 22)	
	After '98:			30 (3.1 , 22)	
FUEL SYSTEM:					
Air cleaner housing cover bolt		1	6	10 (1.0 , 7)	
Air cleaner housing mounting bolt		2	6	12 (1.2 , 9)	
Fuel valve nut	'97 – '98:	1	22	23 (2.3 , 17)	
	After '98:			35 (3.6 , 26)	
Fuel valve lever screw		1	5	4 (0.4 , 2.9)	
Fuel tank mounting bolt		1	8	19 (1.9 , 14)	
Throttle link cover screw		1	4	2 (0.21 , 1.5)	

FRAME (Cont'd)

ITEM		Q'TY	THREAD DIA. (mm)	TORQUE N·m (kgf·m, lbf·ft)	REMARKS
COOLING SYSTEM:					
Radiator mounting bolt		1	6	9 (0.9 , 6.5)	
Radiator grille mounting screw		1	6	9 (0.9 , 6.5)	
Thermostat bracket bolt		1	6	10 (1.0 , 7)	
Thermostat housing cover bolt		2	6	10 (1.0 , 7)	
Thermosensor	'97 – '00:	1	PT 1/8	10 (1.0 , 7)	NOTE 1
Thermo switch NEW	After '00:	1	PT 1/8	8 (0.8 , 5.8)	NOTE 1
Water hose band screw		4	———	7 (0.7 , 5.1)	
Fan motor switch		1	16	18 (1.8 , 13)	NOTE 1
ENGINE MOUNTING:					
Front engine mounting bolt (upper)	'97 – '98:	1	10	54 (5.5 , 40)	
	After '98:			55 (5.6 , 41)	
(lower)	'97 – '98:	1	10	54 (5.5 , 40)	
	After '98:			55 (5.6 , 41)	
Rear engine mounting bolt	'97 – '98:	1	10	54 (5.5 , 40)	
	After '98:			55 (5.6 , 41)	
Engine bracket bolt (front)	'97 – '98:	4	8	26 (2.7 , 20)	
	After '98:			27 (2.8 , 20)	
(rear)	'97 – '98:	2	8	26 (2.7 , 20)	
	After '98:			27 (2.8 , 20)	
Gearshift pedal pinch bolt		1	6	12 (1.2 , 9)	
Footpeg bracket bolt		4	10	39 (4.0 , 29)	
FRONT WHEEL/SUSPENSION/STEERING:					
Steering stem nut		1	24	103 (10.5 , 76)	See page 13-40
Top thread A		1	26	———	
Top thread B		1	26	———	
Fork top bridge pinch bolt		2	7	11 (1.1 , 8)	
Fork bottom bridge pinch bolt		2	10	49 (5.0 , 36)	
Handlebar upper holder		4	8	29 (3.0 , 22)	
Handlebar lower holder		2	8	23 (2.3 , 17)	
Handlebar switch screw		4	5	4 (0.4 , 2.9)	
Front axle		1	18	74 (7.5 , 54)	
Front axle pinch bolt		2	7	22 (2.2 , 16)	
Front brake disc mounting bolt	'97 – '98:	5	8	39 (4.0 , 29)	NOTE 9
	After '98:			42 (4.3 , 31)	
Fork cap		2	34	23 (2.3 , 17)	
Fork socket bolt		2	10	29 (3.0 , 22)	NOTE 2
Spoke		56	4	4 (0.4 , 2.9)	
REAR WHEEL/BRAKE/SUSPENSION:					
Rear axle nut		1	16	88 (9.0 , 65)	NOTE 8
Driven sprocket nut		5	10	64 (6.5 , 47)	NOTE 8
Rear shock absorber mounting nut (upper)		1	10	44 (4.5 , 33)	
(lower)		1	10	44 (4.5 , 33)	
Swingarm pivot nut		1	14	88 (9.0 , 65)	
Rear brake stopper arm bolt	'97 – '98:	2	8	22 (2.2 , 16)	
	After '98:			21 (2.1 , 15)	
Rear brake arm pinch bolt	'97 – '98:	2	8	26 (2.7 , 20)	
	After '98:			21 (2.1 , 15)	
Rear brake middle rod joint bolt		2	6	9 (0.9 , 6.5)	
Spoke		52	4	4 (0.4 , 2.9)	

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FRAME (Cont'd)

ITEM	Q'TY	THREAD DIA. (mm)	TORQUE N·m (kgf·m, lbf·ft)	REMARKS
HYDRAULIC BRAKE:				
Brake caliper mounting bolt	2	8	30 (3.1 , 22)	NOTE 9
Caliper pin bolt	1	8	23 (2.3 , 17)	
Bracket pin bolt	1	8	13 (1.3 , 9)	
Pad pin	1	10	18 (1.8 , 13)	
Pad pin plug	1	10	2 (0.25 , 1.8)	
Brake caliper bleeder	1	8	6 (0.65 , 4.7)	
Brake lever pivot bolt	1	6	1 (0.1 , 0.7)	
Brake lever pivot nut	1	6	6 (0.6 , 4.3)	
Master cylinder holder bolt	2	6	12 (1.2 , 9)	
Master cylinder cover screw	2	4	1 (0.15 , 1.1)	
Front brake light switch screw	1	4	1 (0.12 , 0.9)	
Brake hose oil bolt	2	10	34 (3.5 , 25)	
LIGHTS/METERS/SWITCHES:				
Side stand switch mounting bolt	1	6	9 (0.9 , 6.5)	NOTE 9
OTHER FASTENERS:				
Fuel pump stay mounting nut ('97 – '98) / Turn signal relay stay mounting nut (After '98)	1	6	9 (0.9 , 6.5)	

TOOLS

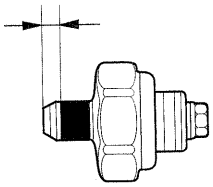
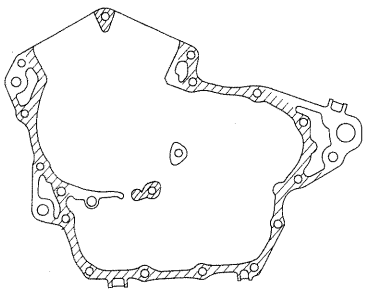
NOTES: 1. Equivalent commercially available in U.S.A.
2. Not available in U.S.A.
3. Alternative tool.
4. Newly provided tool.

DESCRIPTION	TOOL NUMBER	REMARKS	REF. SEC.
Carburetor float level gauge	07401 – 0010000		5
Pilot screw wrench	07LMA – MT8010A with 07PMA – MZ2011A		
Vacuum gauge	07404 – 0030000	NOTE 3: 07LMJ – 001000A	4
Oil pressure gauge	07506 – 3000000	NOTE 1	4
Oil pressure gauge attachment	07510 – 4220100	NOTE 1	4
Lock nut wrench 17 × 27 mm	07716 – 0020300	NOTE 1	8
Gear holder	07724 – 0010100		8
Rotor puller	07733 – 0020001	NOTE 3: 07933 – 3290001	9
Valve guide driver, 5.5 mm	07742 – 0010100		10
Valve guide driver, 6.6 mm	07742 – 0010200	NOTE 2: 07942 – 6570100	10
Attachment, 32 × 35 mm	07746 – 0010100		14
Attachment, 42 × 47 mm	07746 – 0010300		12, 13, 14
Attachment, 52 × 55 mm	07746 – 0010400		12, 13
Pilot, 15 mm	07746 – 0040300		14
Pilot, 17 mm	07746 – 0040400		14
Pilot, 20 mm	07746 – 0040500		12, 13
Pilot, 22 mm	07746 – 0041000		12, 14
Pilot, 25 mm	07746 – 0040600		12
Bearing remover shaft	07746 – 0050100		13, 14
Bearing remover head, 17 mm	07746 – 0050500		14
Bearing remover head, 20 mm	07746 – 0050600		13
Attachment, 28 × 30 mm	07946 – 1870100		14
Driver	07749 – 0010000		12, 13, 14
Main bearing driver attachment	07HMF – MM90400		12
Valve spring compressor	07757 – 0010000	NOTE 3: 07957 – 3290001	10

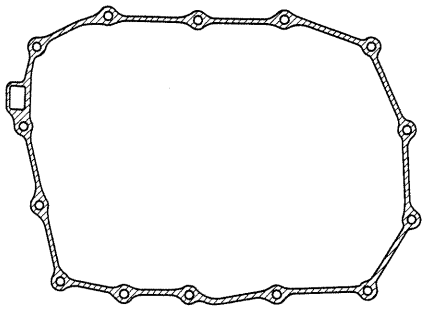
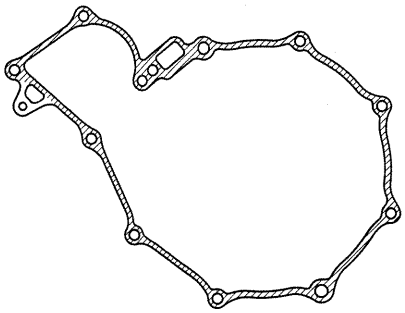
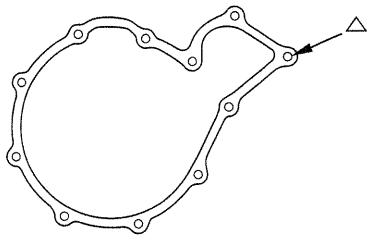
DESCRIPTION	TOOL NUMBER	REMARKS	REF. SEC.
Valve seat cutter		NOTE 1	10
Seat cutter, 27.5 mm (45° IN)	07780−0010200		
Seat cutter, 35 mm (45° EX)	07780−0010400		
Flat cutter, 28 mm (32° IN)	07780−0012100		
Flat cutter, 35 mm (32° EX)	07780−0012300		
Interior cutter, 30 mm (60° IN)	07780−0014000		
Interior cutter, 37.5 mm (60° EX)	07780−0014100		
Cutter holder, 5.5 mm	07781−0010101		
Cutter holder, 6.6 mm	07781−0010201		
Valve adjusting wrench	07908−KE90000	NOTE 2: 07908−KE90100	5
Snap ring pliers	07914−3230001	NOTE 1	2, 14, 15
Steering stem socket	07916−3710101		13
Clutch center holder	07JMB−MN50301	NOTE 3: 07HGB−001010A or 07HGB−001010B and 07HGB−001020A 07HGB−001020B	8
Bottom holder pipe	07930−KA50000	NOTE 2	13
− Holder attachment	07930−KA50100		
− Holder handle	07930−KA40200	NOTE 2	
Bearing remover set	07936−3710001	NOTE 2	12
− Remover handle	07936−3710100		
− Bearing remover set	07936−3710600		
− Remover weight	07741−0010201	NOTE 3: 07936−3710200	
Flywheel holder	07725−0040000	NOTE 1	
Valve guide driver attachment (IN)	07943−MF50100		10
(EX)	07943−MF50200		10
Bearing race remover	07946−3710500		13
Driver shaft set	07946−KA50000		14
Steering stem driver	07946−MB00000		13
Driver shaft	07946−MJ00100		14
Fork seal driver, 39 mm	07947−4630100		13
Ball race remover	07953−MJ10000	NOTE 2: 07953−MJ1000A or 07953−MJ1000B and 07949−3710001 or 07746−0010100	13
− Driver attachment	07953−MJ10100		
− Driver handle	07953−MJ10200		
Valve guide reamer, 5.5 mm (IN)	07984−2000001	NOTE 3: 07984−200000D	10
Valve guide reamer, 6.6 mm (EX)	07984−ZE20001	NOTE 3: 07984−ZE2000D	10
Oil filter wrench	07HAA−PJ70100		2
Peak voltage adapter	07HGJ−0020100		17
Main bearing driver attachment	07HMF−MM90400		12
Drive chain cutter	07HMH−MR10103	NOTE 3: 07HMH−MR1010B	3
Spoke wrench	07JMA−MR60100	NOTE 2	14
Vacuum/Pressure pump	A937X−041−XXXXX	NOTE 3: ST−AH−255−MC7 ST−AH−260−MC7	5

LUBRICATION & SEAL POINTS

ENGINE

LOCATION	MATERIAL	REMARKS
Camshaft lobes/journals Valve stem (valve guide sliding surface) Rocker arm slipper surface Rocker arm shaft sliding surface Connecting rod bearing surface Crankshaft journals Clutch outer guide outer surface Crankshaft hole cap threads Timing hole cap threads C2, M3 shifter gear (shift fork grooves) Transmission collars inner and outer surface Transmission spline collars outer surface Connecting rod small end inner surface	Molybdenum disulfide oil (a mixture of 1/2 engine oil and 1/2 molybdenum disulfide grease	
Piston outer surface Piston ring outer surface Piston pin outer surface Primary drive gear bolt threads and seating surface Flywheel bolt threads and seating surface Starter reduction gear shaft outer surface Clutch disc outer surface Clutch center lock nut Cylinder stud bolt threads Cylinder head 8 × 187 mm mounting bolt threads Valve adjusting screw threads and seating surface Connecting rod bolt/nut threads and seating surface Cylinder head mounting bolt seating surface Each bearing rolling area	Engine oil	
Each oil seal lip	Multi-purpose grease	
Oil pressure switch threads 3–4 mm (0.12–0.16 in)  Right and left crankcase mating surface  Fan motor switch threads Thermosensor threads ('97–'00) Thermo switch (Aftre '00) NEW	Sealant	

ENGINE (Cont'd)

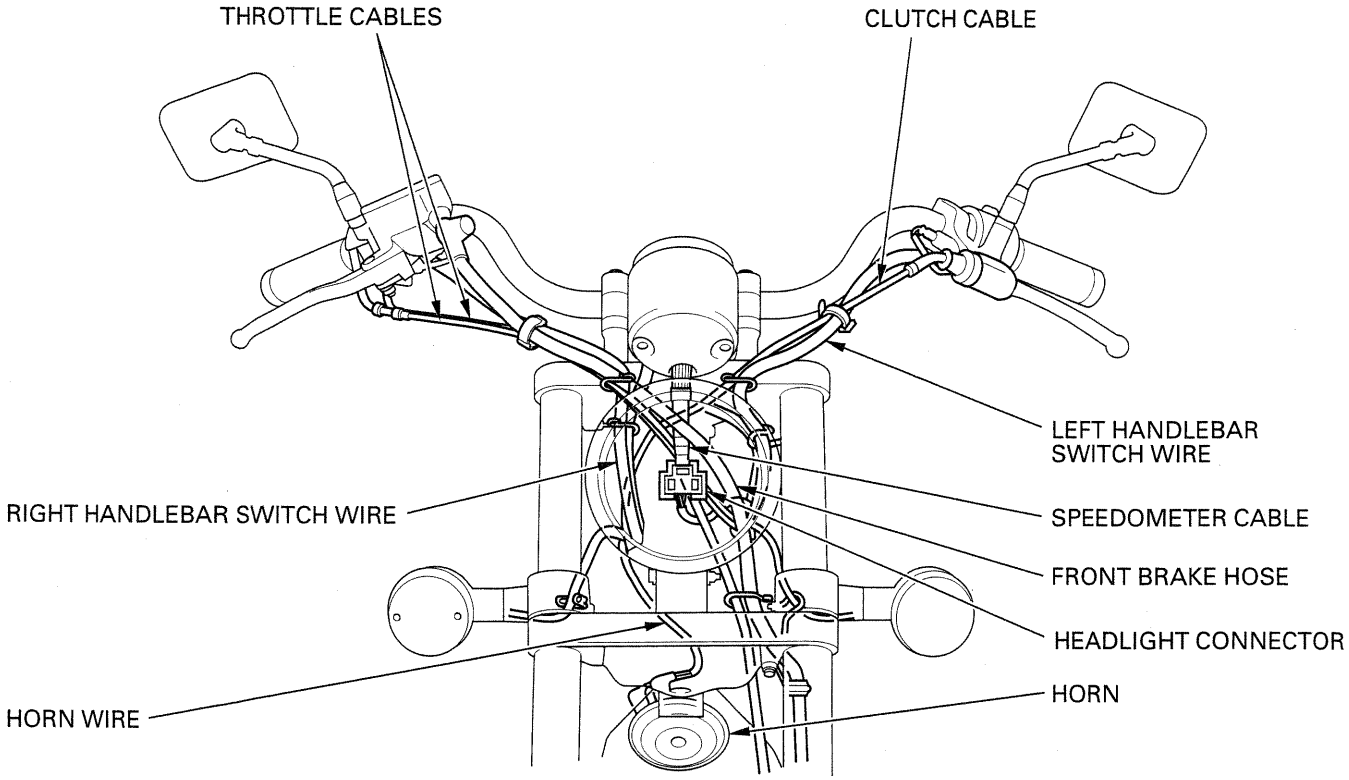
LOCATION	MATERIAL	REMARKS
R. crankcase cover mating surface (After '98)  L. crankcase cover mating surface (After '98)  Fan motor switch threads Thermo sensor threads	Sealant	See page (8-21, 9-10)
Cam sprocket bolt threads Starter one-way clutch bolt threads Oil pomp driven sprocket bolt threads Alternator cord clamper bolt threads Gearshift cam plate bolt threads Transmission bearing set plate bolt threads Countershaft oil seal set plate bolt threads Cam chain tensioner set plate bolt threads Stator mounting bolt threads Oil filter boss crankcase inside threads Ignition pulse generator bolt threads Left crankcase cover bolt threads (marked "△") 	Locking agent	Coating width: 6.5 ± 1 mm

FRAME

LOCATION	MATERIAL	REMARKS
Steering head bearing sliding surface Steering head dust seal lips Swingarm pivot bearing and dust seal lips Wheel dust seal lips Rear wheel axle sliding surface Side stand pivot sliding area Main and pillion footpeg sliding area Throttle pipe inner sliding surface Throttle pipe rolled up portion Clutch lever pivot bolt sliding surface Rear brake middle arm sliding area Rear brake pivot collar sliding area Brake pedal dust seal rubber Gearshift pedal dust seal rubber	Multi-purpose grease	 Spreading 1.0 g Spreading 1.0 — 2.0 g Spreading 0.2 — 0.3 g
Wheel axle distance collar Swingarm pivot distance collar Steering top threads Steering bottom bridge threads and seating surface Crankcase breather tube entry end	Engine oil	
Brake master cylinder cups Brake master piston Brake caliper piston seals Brake caliper dust seals	DOT 4 brake fluid	
Brake lever pivot and piston tips Brake caliper slide pin surface	Silicone grease	
Final driven flange bolt threads Fork socket bolt threads	Locking agent	
Handle grip rubber inside	Honda Bond A or Honda Hand Grip Cement (U.S.A. only)	
Front fork cap O-ring Front fork oil seal lips Front fork spring Front fork rebound spring	Pro-Honda Suspension Fluid SS-8	
Each cable inside	Cable lubricant	
Drive chain	Pro Honda Chain Lube or equivalent	

CABLE & HARNESS ROUTING

'97 – '98:



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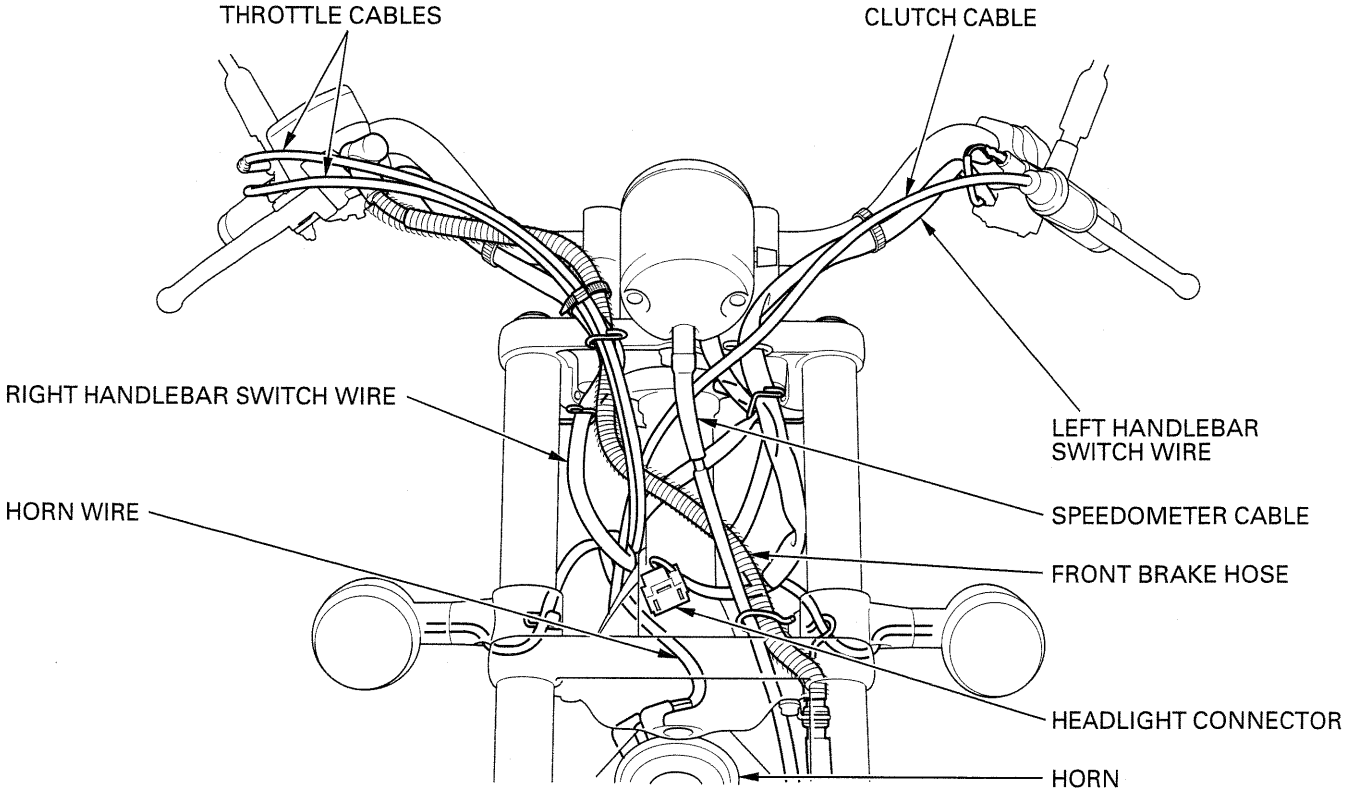

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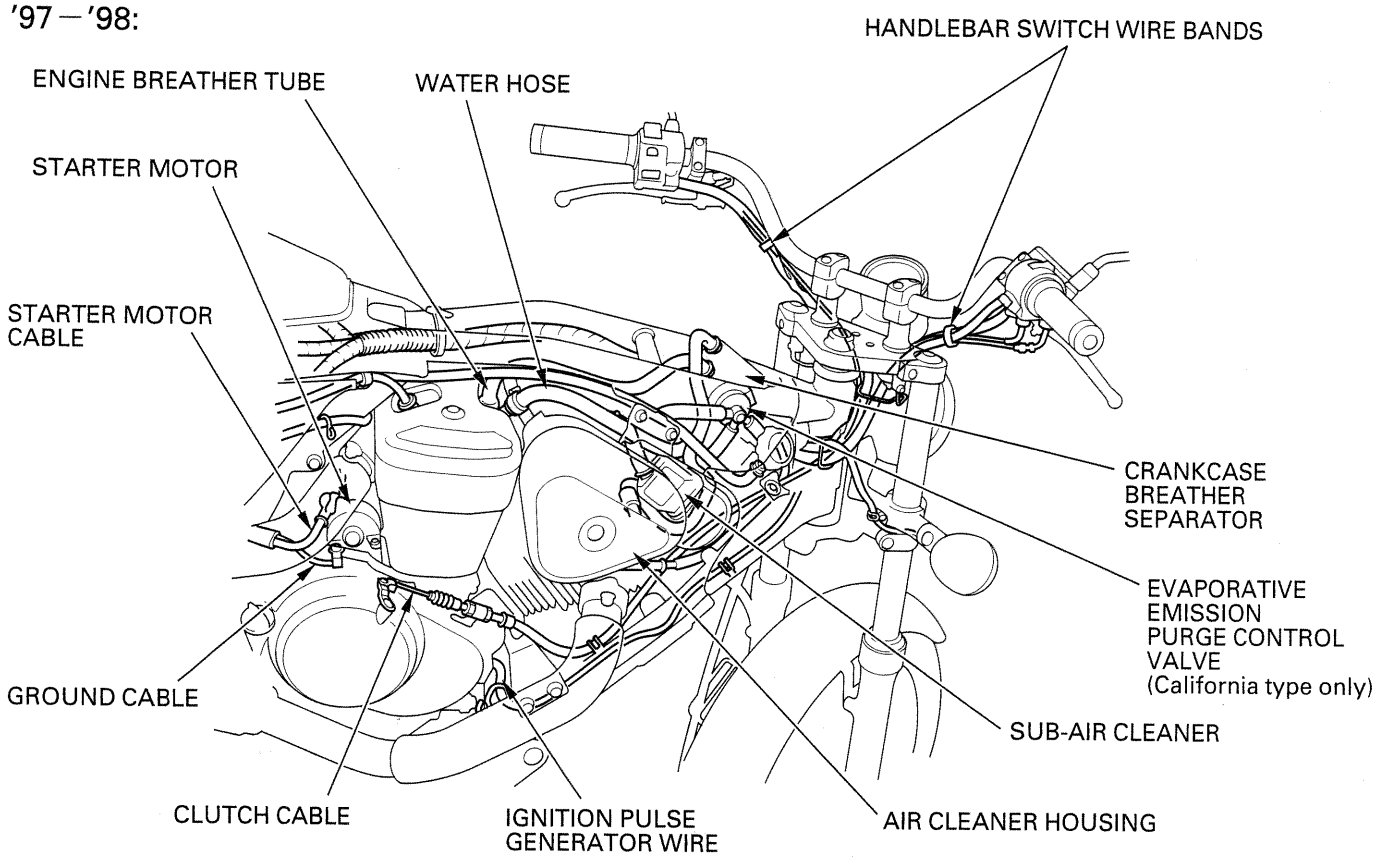

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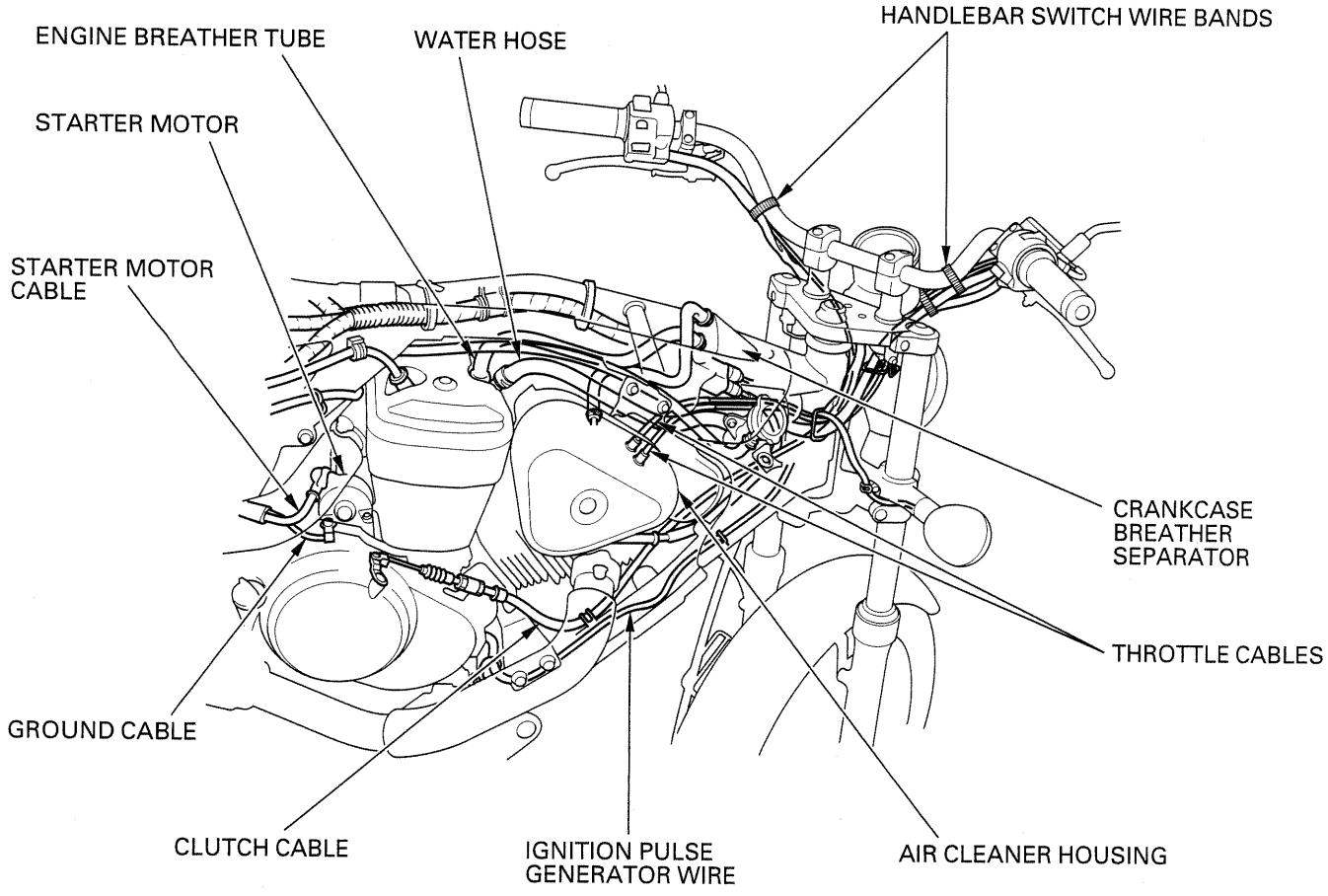

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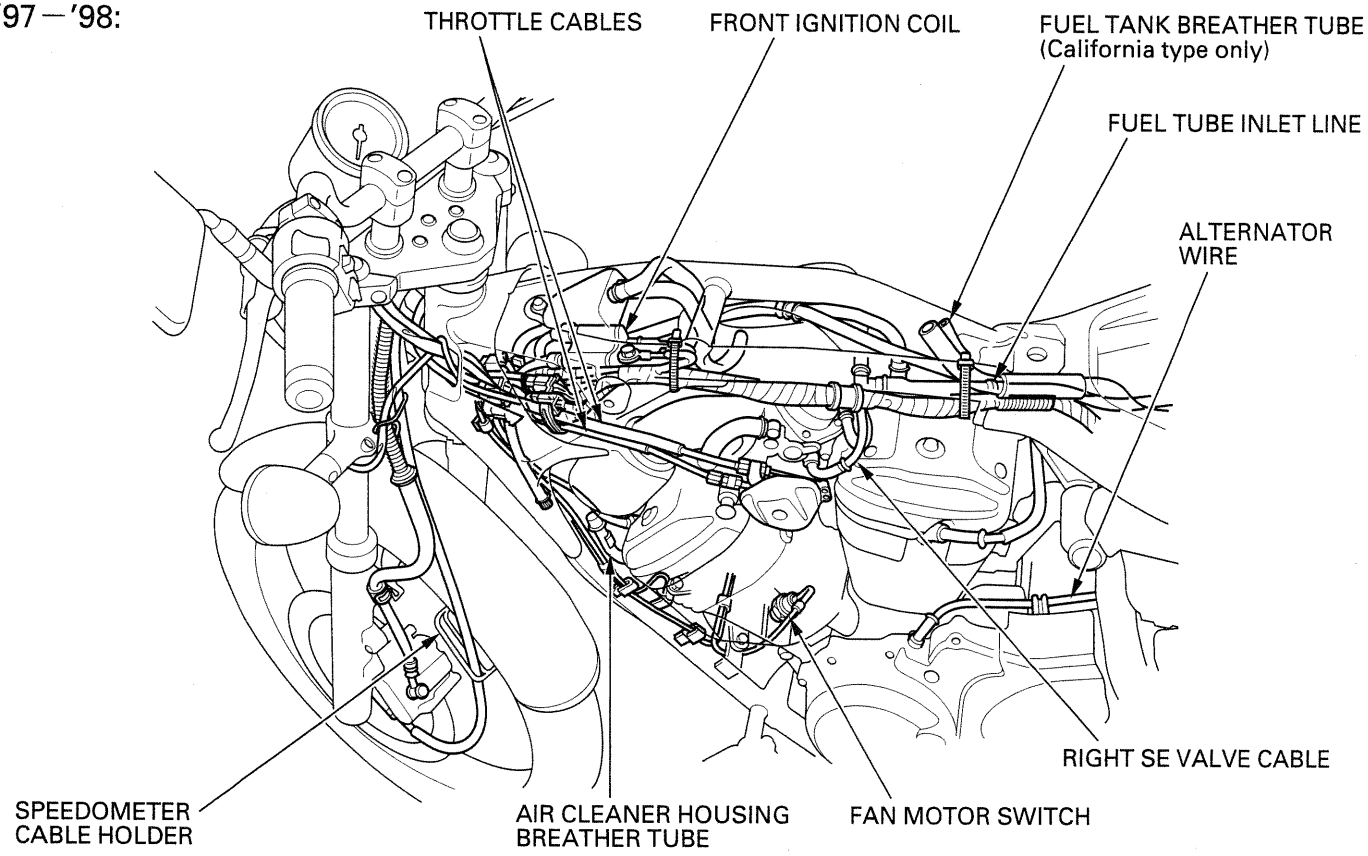

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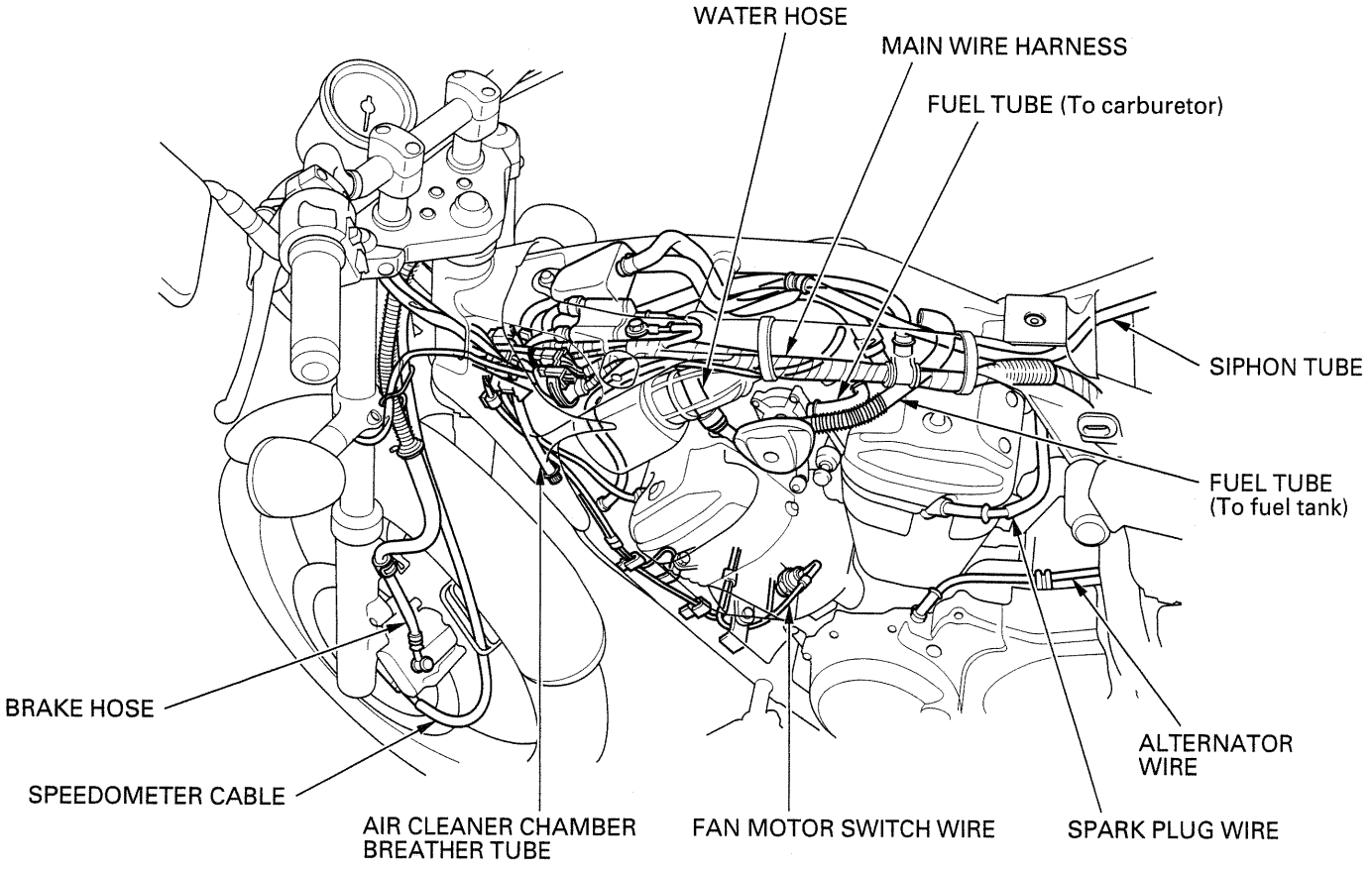

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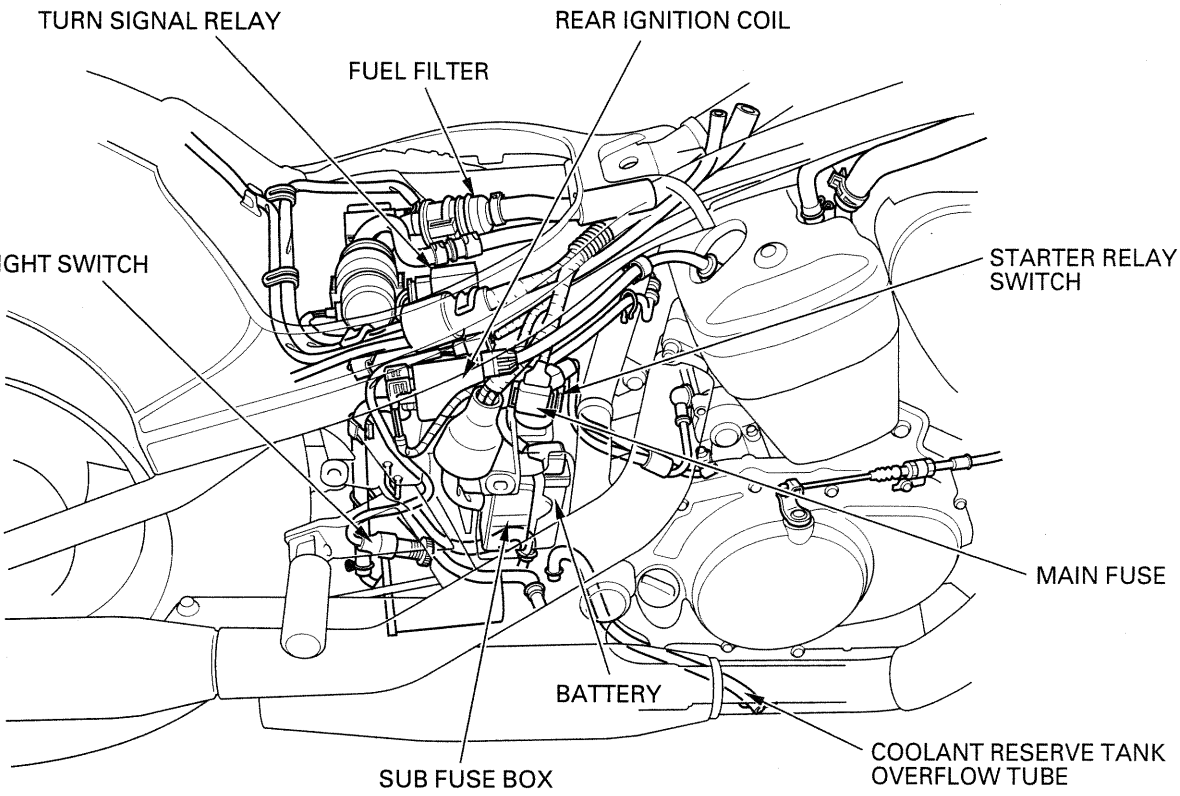

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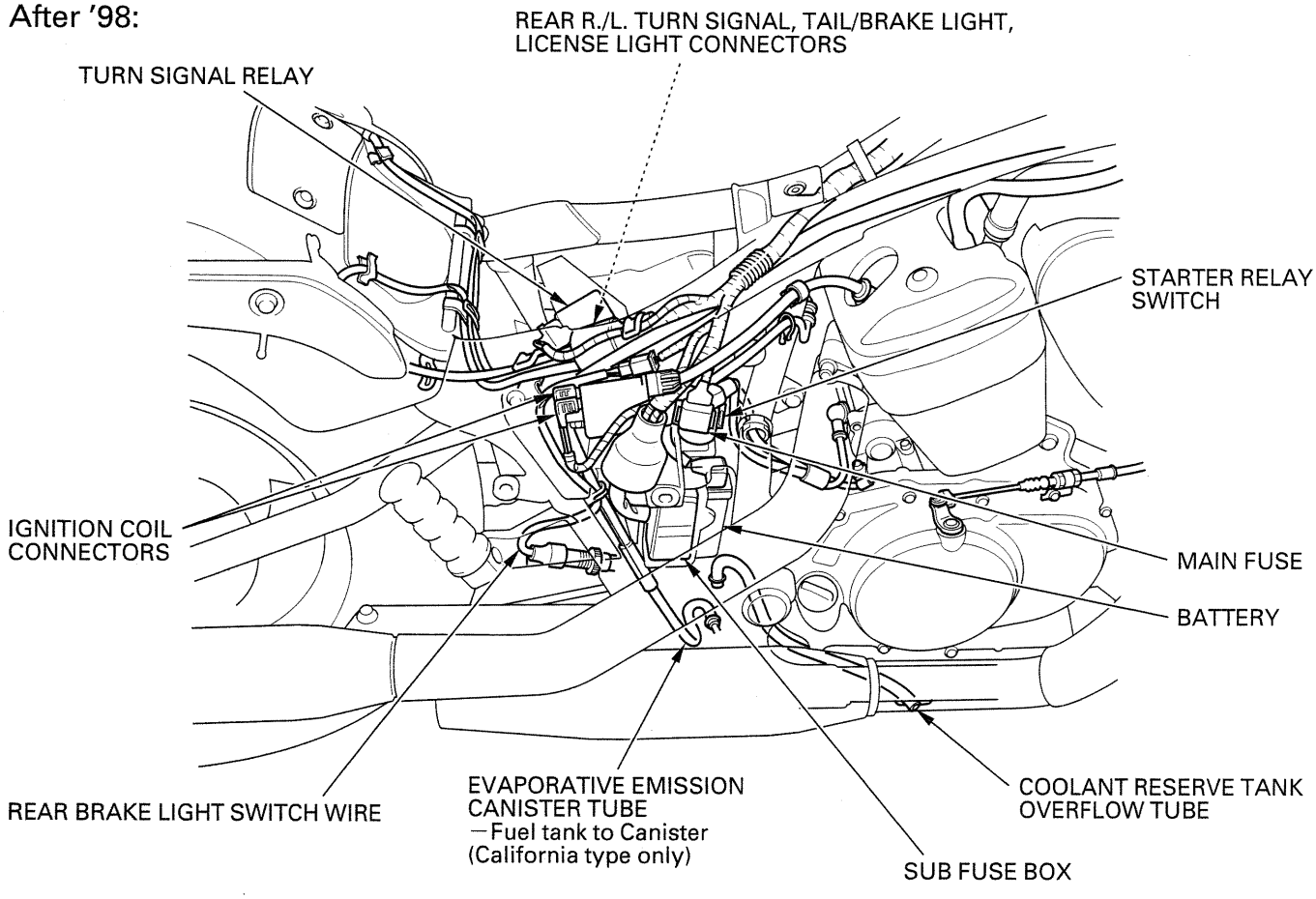

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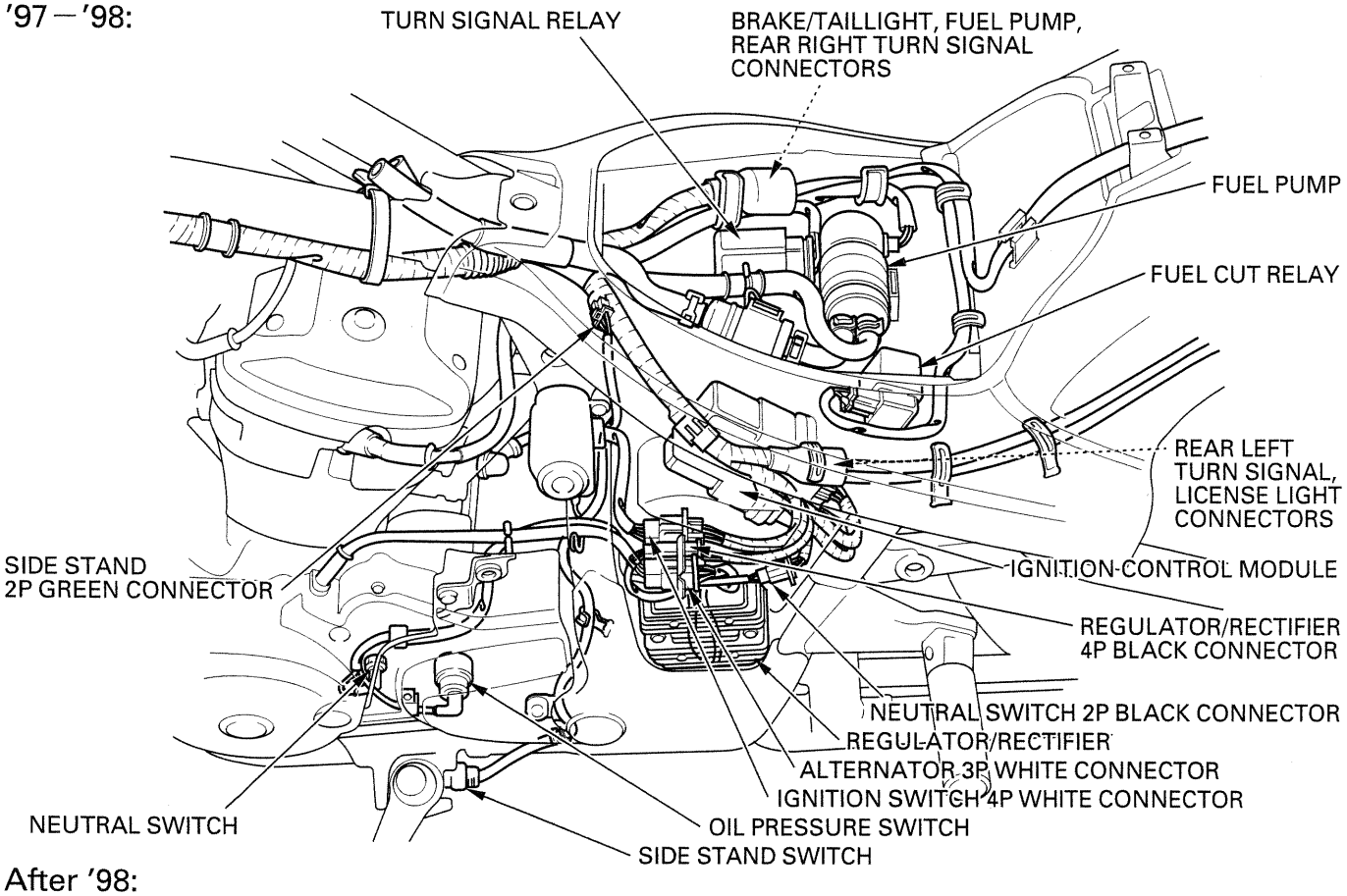

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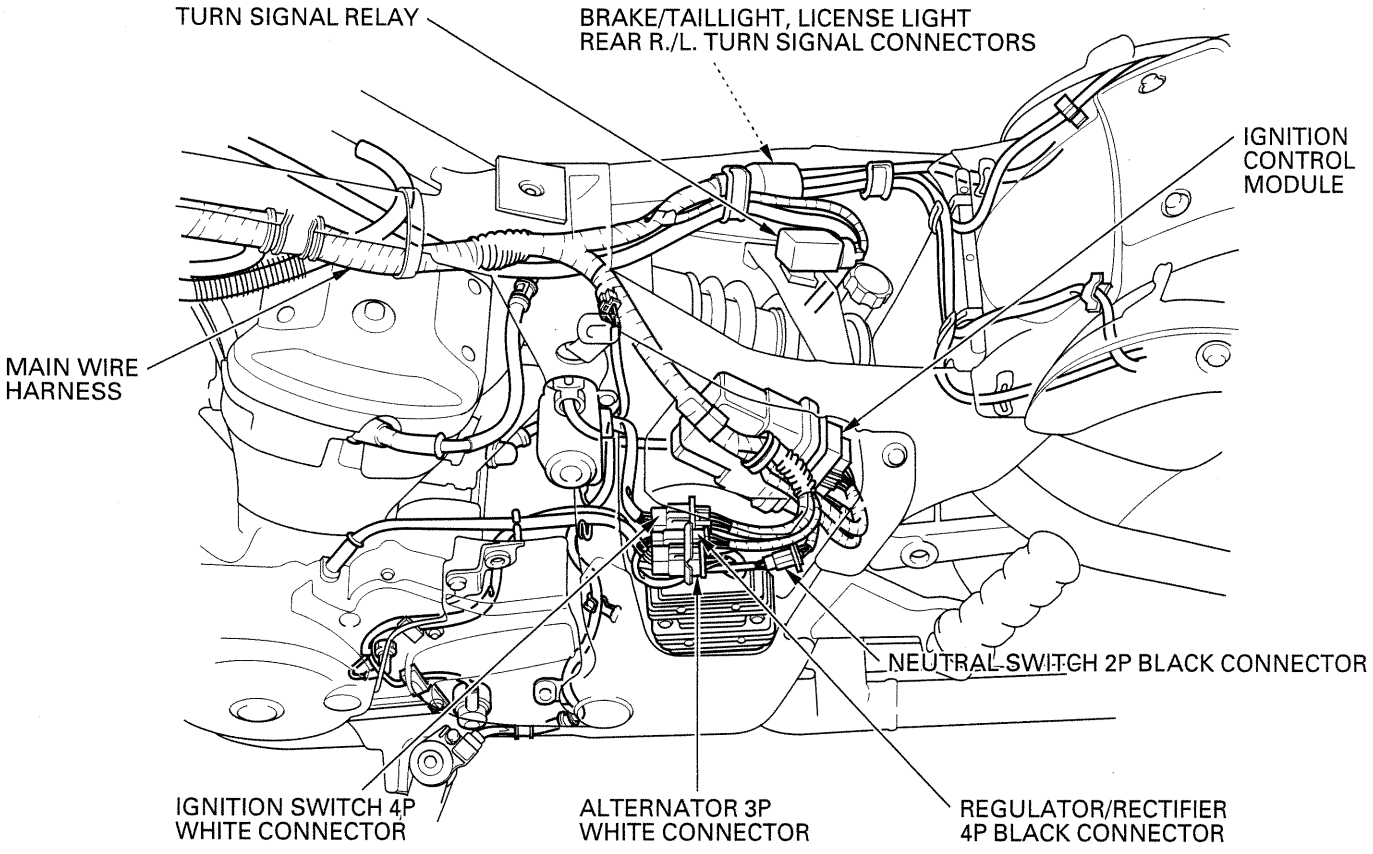

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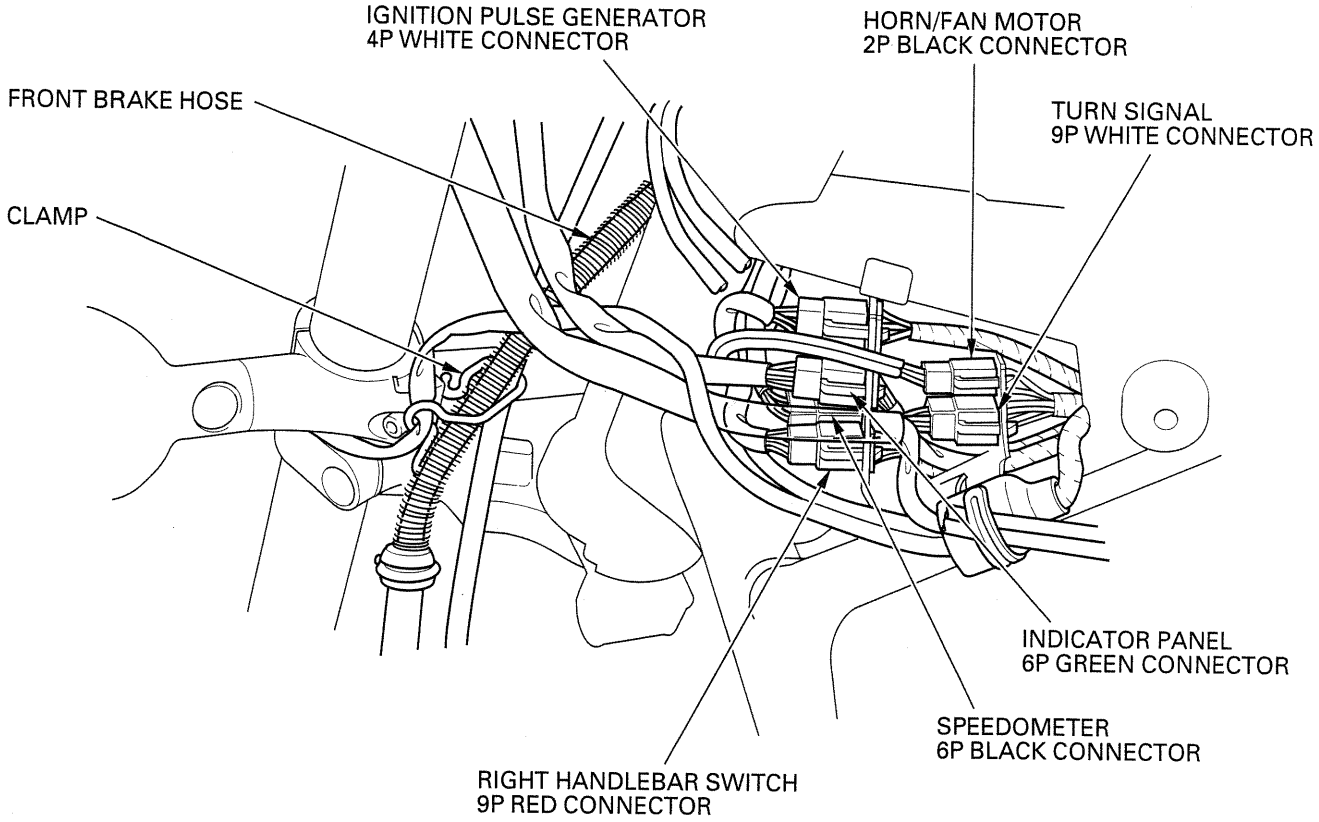

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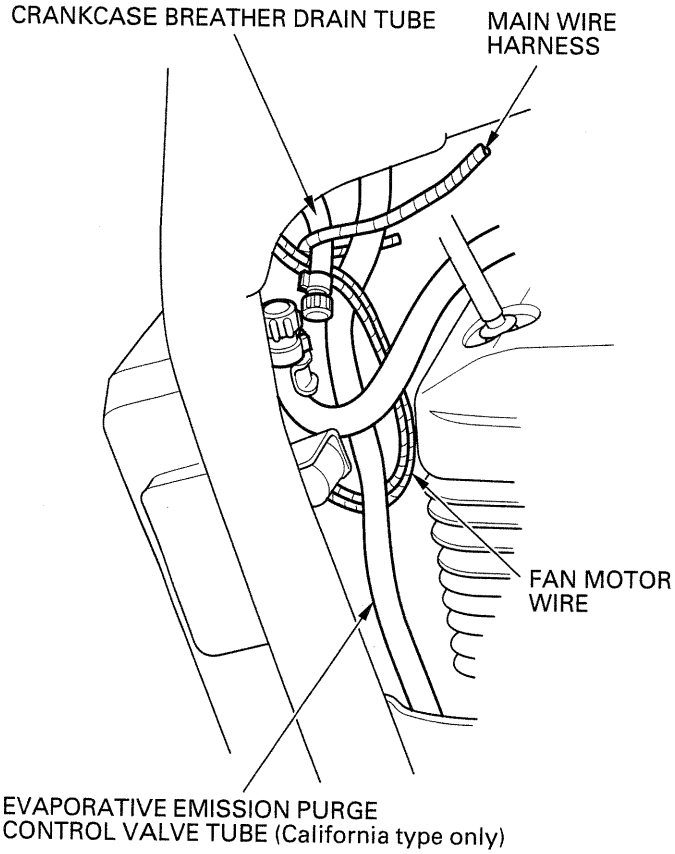

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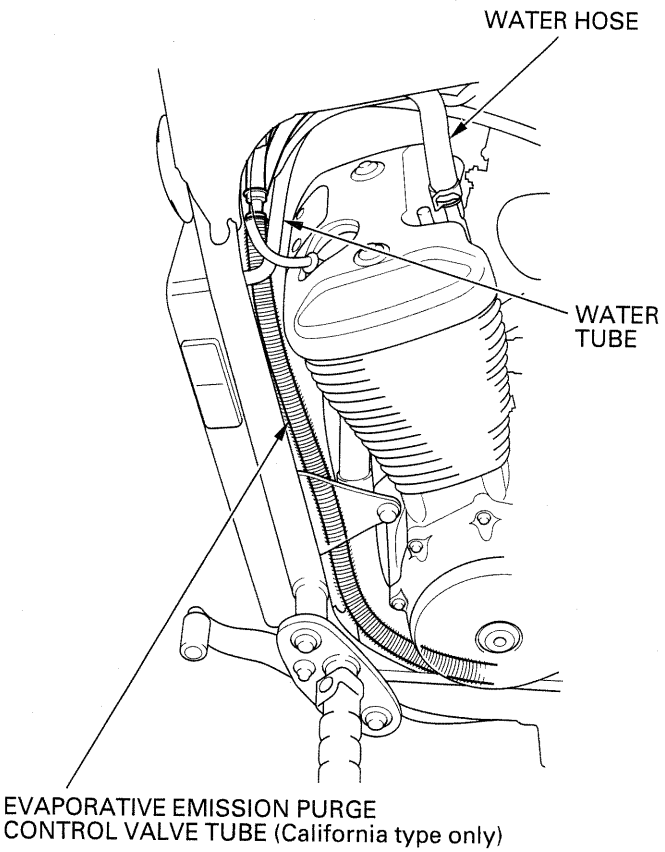

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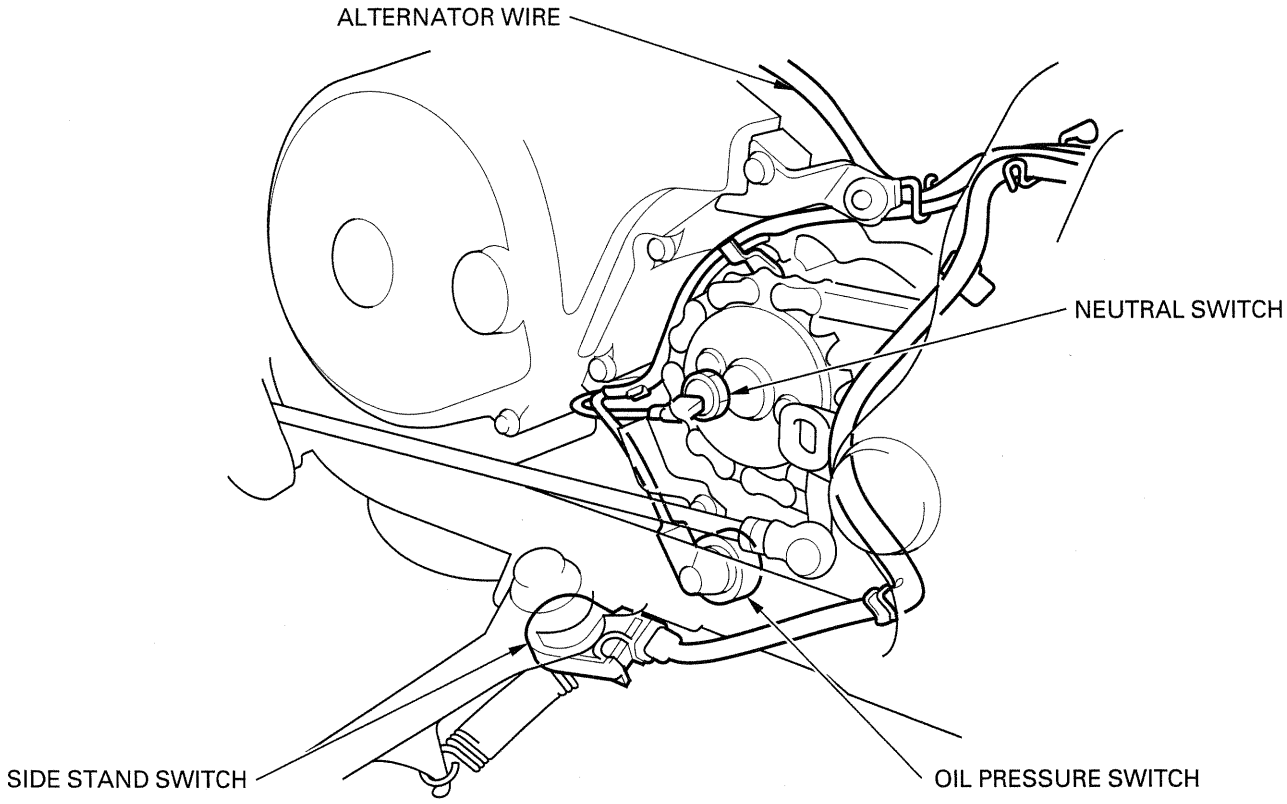

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