

HOW TO USE THIS MANUAL

This service manual describes the service procedures for the VT1100C3.

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 describes 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.

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HONDA MOTOR CO., LTD.
SERVICE PUBLICATION OFFICE

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1. GENERAL INFORMATION

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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 may 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 DUST

Never use an air hose or dry brush to clean brake assemblies. Use a vacuum cleaner or alternate method to minimize the hazard caused by air borne asbestos fibers.

▲ WARNING

Inhaled asbestos fibers have been found to cause respiratory disease and cancer.

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.

GENERAL INFORMATION

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.*
- *Do not remove the radiator cap when the engine is hot. The coolant is under pressure and could scald you.*
- *Keep hands and clothing away from the cooling fan, as it starts automatically.*

CAUTION:

Using coolant with silicate corrosion inhibitors may cause premature wear of water pump seals or blockage of radiator passages. Using tap water may cause engine damage.

SERVICE RULES

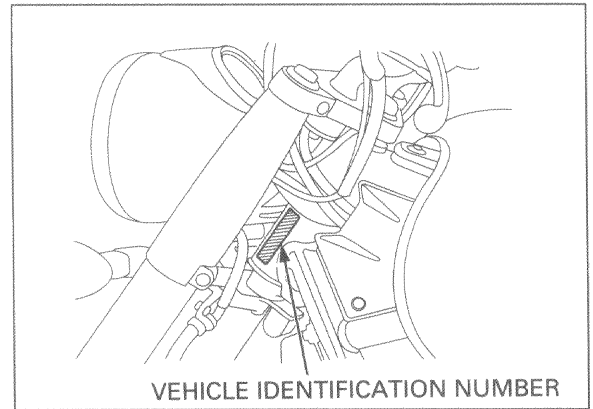
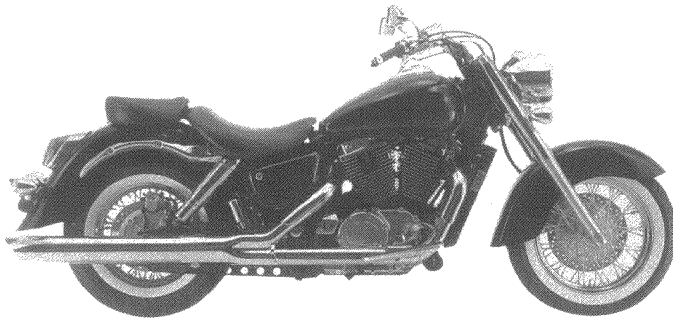
1. Use genuine HONDA or HONDA-recommended parts and lubricants or their equivalents. Parts that don't meet HONDA's design specifications may cause damage to the motorcycle.
2. Use the special tools designed for this product to avoid damage and incorrect assembly.
3. Use only metric tools when servicing 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 show on pages 1-22 through 1-42 in the Cable and Harness Routing section.

BATTERY HYDROGEN GAS & ELECTROLYTE

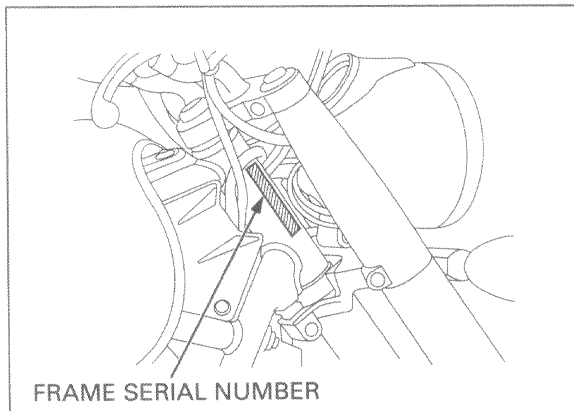
▲ WARNING

- *The battery gives off explosive gases; keep sparks, flames and cigarettes away. Provide adequate ventilation when charging or using the battery in an enclosed space.*
 - *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.*
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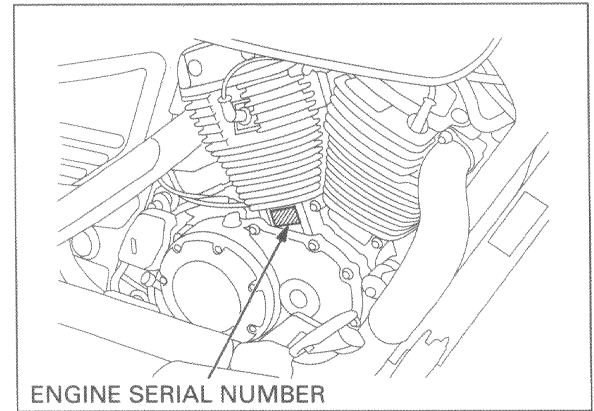
MODEL IDENTIFICATION



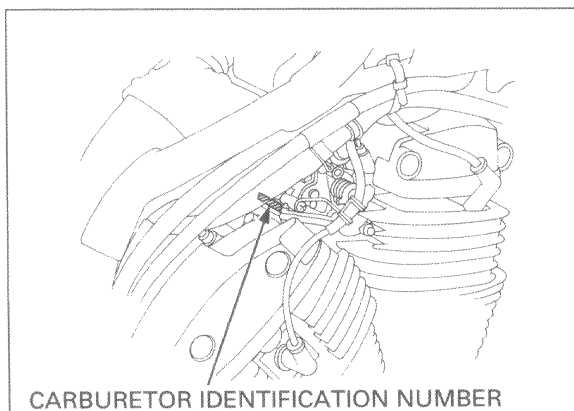
The vehicle identification number (VIN) is attached on the left side of the steering head.



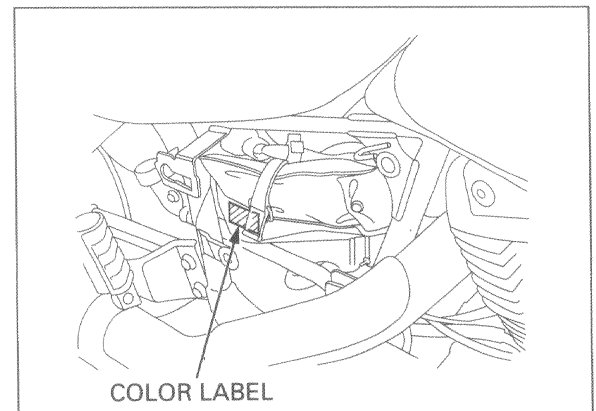
The frame serial number is stamped on the right side of the steering head.



The engine serial number is stamped on the right crankcase below the rear cylinder.



The carburetor identification number is stamped on the intake side of the carburetor body.



The color label is attached to the tool pocket under the right side cover. When ordering color-coded parts, always specify the designated color code.

GENERAL INFORMATION

SPECIFICATIONS

GENERAL			
	ITEM	SPECIFICATIONS	
DIMENSIONS	Overall length	2,540 mm (100.0 in)	
	Overall width	975 mm (38.4 in)	
	Overall height	1,135 mm (44.7 in)	
	Wheelbase	1,680 mm (66.1 in)	
	Seat height	725 mm (28.5 in)	
	Ground clearance	145 mm (5.7 in)	
	Dry weight	(49 state/Canada type) (California type) 279 kg (615 lbs) 280 kg (617 lbs)	
	Curb weight	(49 state/Canada type) (California type) 299 kg (659 lbs) 300 kg (661 lbs)	
	Maximum weight capacity	(49 state/California type) (Canada type) 174 kg (384 lbs) 178kg (392 lbs)	
FRAME	Frame type	Double cradle	
	Front suspension	Telescopic fork	
	Front axle travel	127 mm (5.0 in)	
	Rear suspension	Swingarm	
	Rear axle travel	95 mm (3.7 in)	
	Front tire size	140/80-17 69H	
	Rear tire size	170/80-15M/C 77H	
	Front tire brand	*D404F WSW (Dunlop), EXEDRA L309 (Bridgestone)	
	Rear tire brand	*K555 WSW (Dunlop), EXEDRA G546 (Bridgestone)	
	Front brake	Hydraulic single disc	
	Rear brake	Hydraulic single disc	
	Caster angle	32°30'	
	Trail length	144 mm (5.7 in)	
Fuel tank capacity	16.0 liters (4.23 US gal, 3.52 Imp gal)		
Fuel tank reserve capacity	4.2 liters (1.11 US gal, 0.92 Imp gal)		
ENGINE	Cylinder arrangement	2 cylinders 45° V transverse	
	Bore and stroke	87.5 x 91.4 mm (3.44 x 3.60 in)	
	Displacement	1,099 cm ³ (67.0 cu-in)	
	Compression ratio	8.0 : 1	
	Valve train	Silent multi-link chain driven OHC with rocker arm	
	Intake valve	opens (at 1 mm lift) closes (at 1 mm lift)	Front: 5° BTDC Rear: 2° BTDC 30° ABDC 33° ABDC
	Exhaust valve	opens (at 1 mm lift) closes (at 1 mm lift)	30° BBDC 37° BBDC 5° ATDC 2° BTDC
	Lubrication system	Forced pressure and wet sump	
	Oil pump type	Trochoid	
	Cooling system	Liquid cooled	
	Air filtration	Viscous paper element	
	Engine dry weight	96 kg (212 lbs)	
	Firing order	'98 - '00: Front - 315° - Rear - 405° - Front After '00: Front - 225° - Rear - 495° - Front Front: #2, Rear: #1	
Cylinder number			

*: '98 - '00 only

GENERAL (cont'd)		
	ITEM	SPECIFICATIONS
CARBURETOR	Carburetor type Throttle bore	Constant Venturi 36 mm (1.4 in)
DRIVE TRAIN	Clutch system Clutch operation system Transmission Primary reduction Secondary reduction Third reduction (Output drive reduction) Final reduction Gear ratio 1st 2nd 3rd 4th 5th Gearshift pattern	Multi-plate, wet Cable operating Constant mesh, 5 speeds 1.692 (66/39) '98 - '00: 0.806 (29/36) After '00: 0.939 (31/33) 1.059 (18/17) 3.091 (34/11) 2.375 (38/16) 1.391 (32/23) 1.037 (28/27) 0.888 (32/36) '98 - '00: 0.800 (24/30) After '00: 0.766 (23/30) Left foot operated return system, 1 - N - 2 - 3 - 4 - 5
ELECTRICAL	Ignition system Starting system Charging system Regulator/rectifier Lighting system	Full transistorized ignition Electric starter motor Triple phase output alternator SCR shorted/triple phase full-wave rectification Battery

GENERAL INFORMATION

Unit: mm (in)

LUBRICATION SYSTEM			STANDARD	SERVICE LIMIT
ITEM				
Engine oil capacity	'98 - '00	at draining	3.3 liters (3.5 US qt, 2.9 Imp qt)	_____
		at filter change	3.5 liters (3.7 US qt, 3.1 Imp qt)	_____
		at disassembly	4.2 liters (4.4 US qt, 3.7 Imp qt)	_____
	After '00	at draining	2.9 liters (3.1 US qt, 2.6 Imp qt)	_____
		at filter change	3.1 liters (3.3 US qt, 2.7 Imp qt)	_____
		at disassembly	3.8 liters (4.0 US qt, 3.3 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 (80°C/176°F)			441 kPa (4.5 kgf/cm ² , 64 psi) at 5,000 rpm	_____
Oil pump	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			SPECIFICATIONS
ITEM			
Carburetor identification number	49 state/Canada type		'98 - '00: VDKKA, After '00: VDKED
	California type		'98 - '00: VDKLA, After '00: VDKEE
Main jet	Front		'98 - '00: #180, After '00: #175
	Rear		'98 - '00: #185, After '00: #180
Slow jet			#42
Pilot screw	Initial/final opening		See page 5-19
	High altitude adjustment		See page 5-20
Float level			9.2 mm (0.36 in)
Idle speed			1,000 ± 100 rpm
Carburetor vacuum difference			Within 40 mm Hg (1.6 in Hg) Base carburetor: No. 1 (rear)
Throttle grip free play			2 - 6 mm (1/12 - 1/4 in)
Starting enrichment (SE) valve distance			10 - 11 mm (0.39 - 0.43 in)

COOLING SYSTEM			SPECIFICATIONS
ITEM			
Coolant capacity	Radiator and engine		2.0 liters (2.1 US qt, 1.8 Imp qt)
	Reserve tank		0.39 liter (0.41 US qt, 0.34 Imp qt)
Radiator cap relief pressure			108 - 137 kPa (1.1 - 1.4 kgf/cm ² , 16 - 20 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
Recommended antifreeze			Pro Honda HP coolant or an equivalent high quality ethylene glycol antifreeze containing silicate-free corrosion inhibitors

Unit: mm (in)

CYLINDER HEAD/VALVE						
ITEM			STANDARD		SERVICE LIMIT	
Cylinder compression			1,275 ± 196 kPa (13.0 ± 2.0 kgf/cm ² , 185 ± 28 psi) at 300 rpm		—	
Cylinder head	Warpage		—		0.05 (0.002)	
Camshaft	Cam lobe height	IN	38.021 – 38.181 (1.4969 – 1.5032)		37.99 (1.496)	
		EX	38.027 – 38.187 (1.4971 – 1.5034)		38.00 (1.496)	
	Runout		—		0.05 (0.002)	
	Oil clearance	A/B	0.050 – 0.111 (0.0020 – 0.0044)		0.130 (0.0051)	
		C	0.065 – 0.126 (0.0026 – 0.0050)		0.145 (0.0057)	
	Journal O.D.	A/B	23.949 – 23.970 (0.9429 – 0.9437)		23.92 (0.942)	
C		23.934 – 23.955 (0.9423 – 0.9431)		23.90 (0.941)		
Rocker arm, tappet	Rocker arm I.D.	IN/EX	13.750 – 13.768 (0.5413 – 0.5420)		13.778 (0.5424)	
	Rocker arm shaft O.D.	IN/EX	13.716 – 13.734 (0.5400 – 0.5407)		13.706 (0.5396)	
	Rocker arm-to-shaft clearance	IN/EX	0.016 – 0.052 (0.0006 – 0.0020)		0.072 (0.0028)	
	Tappet adjuster assist spring free length		18.57 (0.731)		17.80 (0.701)	
	Tappet adjuster compression stroke with kerosene		—		0.2 (0.01)	
Valve, valve guide	Valve clearance		Hydraulic adjusting		—	
	Valve stem O.D.	IN	6.575 – 6.590 (0.2589 – 0.2594)		6.57 (0.259)	
		EX	6.555 – 6.570 (0.2581 – 0.2587)		6.54 (0.257)	
	Valve guide I.D.	IN	6.600 – 6.615 (0.2598 – 0.2604)		6.635 (0.2612)	
		EX	6.600 – 6.615 (0.2598 – 0.2604)		6.655 (0.2620)	
	Stem-to-guide clearance	IN	0.010 – 0.040 (0.0004 – 0.0016)		0.08 (0.003)	
		EX	0.030 – 0.060 (0.0012 – 0.0024)		0.12 (0.005)	
	Valve guide projection above cylinder head	IN	14.5 (0.57)		—	
		EX	15.5 (0.61)		—	
Valve seat width		IN/EX	0.90 – 1.10 (0.035 – 0.043)		1.50 (0.059)	
Valve spring	Free length	Inner	IN/EX	41.37 (1.629)		39.9 (1.57)
		Outer	IN	45.70 (1.799)		43.90 (1.728)
			EX	43.50 (1.713)		41.80 (1.646)

GENERAL INFORMATION

CYLINDER/PISTON

Unit: mm (in)

ITEM		STANDARD	SERVICE LIMIT	
Cylinder	I.D.	87.500 – 87.515 (3.4449 – 3.4455)	87.545 (3.4466)	
	Out of round	—	0.05 (0.002)	
	Taper	—	0.05 (0.002)	
	Warpage	—	0.05 (0.002)	
Piston, piston pin, piston ring	Piston mark direction	"IN" mark toward the intake side	—	
	Piston O.D.	87.470 – 87.490 (3.4437 – 3.4445) at 10 (0.4) from the bottom	87.41 (3.441)	
	Piston pin hole I.D.	22.002 – 22.008 (0.8662 – 0.8665)	22.018 (0.8668)	
	Piston pin O.D.	21.994 – 22.000 (0.8659 – 0.8661)	21.984 (0.8655)	
	Connecting rod small end I.D.	22.020 – 22.041 (0.8669 – 0.8678)	22.051 (0.8681)	
	Cylinder-to-piston clearance	0.010 – 0.045 (0.0004 – 0.0018)	0.32 (0.013)	
	Piston-to-piston pin clearance	0.002 – 0.014 (0.0001 – 0.0006)	0.034 (0.0013)	
	Connecting rod-to-piston pin clearance	0.020 – 0.047 (0.0008 – 0.0019)	0.07 (0.003)	
	Piston ring-to-ring groove clearance	Top	0.020 – 0.050 (0.0008 – 0.0020)	0.25 (0.010)
		Second	0.015 – 0.045 (0.0006 – 0.0018)	0.20 (0.008)
	Piston ring end gap	Top/second	0.20 – 0.35 (0.008 – 0.014)	0.50 (0.020)
		Oil (side rail)	0.30 – 0.90 (0.012 – 0.035)	1.1 (0.04)
Piston ring mark direction	Top/second	Marking facing up	—	

CLUTCH/GEARSHIFT LINKAGE

Unit: mm (in)

ITEM	STANDARD	SERVICE LIMIT
Clutch lever free play	10 – 20 (3/8 – 3/4)	—
Clutch spring free length	44.0 (1.73)	42.5 (1.67)
Clutch disc thickness A/B	3.72 – 3.88 (0.146 – 0.153)	3.1 (0.12)
Clutch plate warpage	—	0.30 (0.012)
Clutch outer guide I.D.	27.955 – 28.012 (1.1006 – 1.1028)	28.08 (1.106)
Mainshaft O.D. at clutch outer guide	27.980 – 27.993 (1.1016 – 1.1021)	27.93 (1.100)

Unit: mm (in)

CRANKSHAFT/TRANSMISSION		STANDARD	SERVICE LIMIT	
ITEM				
Crankshaft, connecting rod	Connecting rod big end side clearance	0.10 – 0.25 (0.004 – 0.010)	0.28 (0.011)	
	Crankpin oil clearance	0.038 – 0.062 (0.0015 – 0.0024)	0.070 (0.0028)	
	Main journal oil clearance	0.030 – 0.046 (0.0012 – 0.0018)	0.060 (0.0024)	
	Crankshaft runout	—	0.05 (0.002)	
Transmission	Gear I.D.	M3, M5, C4	31.000 – 31.025 (1.2205 – 1.2215)	31.035 (1.2218)
		C1, C2	33.000 – 33.025 (1.2992 – 1.3002)	33.035 (1.3006)
	Gear bushing O.D.	M3, C4	30.970 – 30.995 (1.2193 – 1.2203)	30.94 (1.218)
		M5	30.950 – 30.975 (1.2185 – 1.2195)	30.94 (1.218)
		C1	32.950 – 32.975 (1.2972 – 1.2982)	32.94 (1.297)
		C2	32.955 – 32.980 (1.2974 – 1.2984)	32.94 (1.297)
	Gear bushing I.D.	M3, C4	28.000 – 28.021 (1.1024 – 1.1032)	28.04 (1.104)
		C2	29.985 – 30.006 (1.1805 – 1.1813)	30.03 (1.182)
	Mainshaft O.D.	at M3	27.959 – 27.980 (1.1007 – 1.1016)	27.94 (1.100)
	Countershaft O.D.	at C2	29.950 – 29.975 (1.1791 – 1.1801)	29.94 (1.179)
		at C4	27.967 – 27.980 (1.1011 – 1.1016)	27.95 (1.100)
	Gear-to-bushing clearance	M3, C4	0.005 – 0.055 (0.0002 – 0.0022)	0.075 (0.0030)
		M5, C1	0.025 – 0.075 (0.0010 – 0.0030)	0.095 (0.0037)
		C2	0.020 – 0.070 (0.0008 – 0.0028)	0.090 (0.0035)
	Bushing-to-shaft clearance	M3	0.020 – 0.062 (0.0008 – 0.0024)	0.082 (0.0032)
C2		0.005 – 0.056 (0.0002 – 0.0022)	0.076 (0.0030)	
C4		0.020 – 0.054 (0.0008 – 0.0021)	0.074 (0.0029)	
Shift fork, fork shaft, shift drum	Fork claw thickness	L, *1C., *1R.	5.93 – 6.00 (0.233 – 0.236)	5.83 (0.230)
		*2C., *2R.	6.43 – 6.50 (0.253 – 0.256)	6.33 (0.249)
	Fork I.D.		14.000 – 14.021 (0.5512 – 0.5520)	14.04 (0.553)
	Shaft O.D.		13.966 – 13.984 (0.5498 – 0.5506)	13.956 (0.5494)
	Drum O.D. at left end		13.966 – 13.984 (0.5498 – 0.5506)	13.956 (0.5494)
	Drum journal I.D. (Left crankcase)		14.000 – 14.018 (0.5512 – 0.5519)	14.028 (0.5523)
Output drive train	Output gear I.D.		25.000 – 25.021 (0.9843 – 0.9851)	25.031 (0.9855)
	Output gear bushing	O.D.	24.959 – 24.980 (0.9826 – 0.9835)	24.949 (0.9822)
		I.D.	22.020 – 22.041 (0.8669 – 0.8678)	22.051 (0.8681)
	Output drive gear shaft O.D.		21.979 – 22.000 (0.8653 – 0.8661)	21.969 (0.8649)
	Gear-to-bushing clearance		0.020 – 0.062 (0.0008 – 0.0024)	0.082 (0.0032)
	Bushing-to-shaft clearance		0.020 – 0.062 (0.0008 – 0.0024)	0.082 (0.0032)
	Output gear damper spring free length		69.3 (2.73)	68.1 (2.68)
	Output drive gear backlash		0.08 – 0.23 (0.003 – 0.009)	0.40 (0.016)
Backlash difference between measurements		—	0.10 (0.004)	

*1: After '00, *2: '98 – '00

GENERAL INFORMATION

Unit: mm (in)

FINAL DRIVE

ITEM		STANDARD	SERVICE LIMIT
Recommended final drive oil		Hypoid gear oil, SAE #80	_____
Final drive oil capacity	at disassembly	150 cm ³ (5.1 US oz, 5.3 Imp oz)	_____
	at draining	130 cm ³ (4.4 US oz, 4.6 Imp oz)	_____
Final drive gear backlash		0.05 – 0.15 (0.002 – 0.006)	0.30 (0.012)
Backlash difference between measurements		_____	0.10 (0.004)
Ring gear-to-stop pin clearance		0.30 – 0.60 (0.012 – 0.024)	_____
Final drive gear assembly preload		0.2 – 0.4 N·m (2 – 4 kgf·cm, 1.7 – 3.5 lbf·in)	_____

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 lbs) load	200 kPa (2.00 kgf/cm ² , 29 psi)	_____
	Up to maximum weight capacity	200 kPa (2.00 kgf/cm ² , 29 psi)	_____
Axle runout		_____	0.20 (0.008)
Wheel rim runout	Radial	_____	2.0 (0.08)
	Axial	_____	2.0 (0.08)
Wheel balance weight		_____	60 g (2.1 oz) max.
Fork spring free length		429.9 (16.93)	421.3 (16.59)
Fork tube runout		_____	0.20 (0.008)
Recommended fork fluid		Pro Honda Suspension Fluid SS-8	_____
Fork fluid level		151 (5.9)	_____
Fork fluid capacity		488 ± 2.5 cm ³ (16.5 ± 0.08 US oz, 17.2 ± 0.09 Imp oz)	_____
Steering head bearing preload		0.8 – 1.2 kg (1.8 – 2.6 lbs)	_____

Unit: mm (in)

REAR WHEEL/SUSPENSION

ITEM		STANDARD	SERVICE LIMIT
Minimum tire tread depth		_____	2.0 (0.08)
Cold tire pressure	Up to 90 kg (200 lbs) load	200 kPa (2.00 kgf/cm ² , 29 psi)	_____
	Up to maximum weight capacity	280 kPa (2.80 kgf/cm ² , 41 psi)	_____
Axle runout		_____	0.20 (0.008)
Wheel rim runout	Radial	_____	2.0 (0.08)
	Axial	_____	2.0 (0.08)
Wheel balance weight		_____	90 g (3.2 oz) max.
Shock absorber spring adjuster standard position		Position "2"	_____

Unit: mm (in)

HYDRAULIC DISC BRAKE		STANDARD	SERVICE LIMIT
ITEM			
Specified brake fluid		DOT 4	_____
Brake disc thickness		5.8 – 6.2 (0.23 – 0.24)	5.0 (0.20)
Brake disc runout		_____	0.30 (0.012)
Master cylinder I.D.		12.700 – 12.743 (0.5000 – 0.5017)	12.75 (0.502)
Master piston O.D.		12.657 – 12.684 (0.4983 – 0.4994)	12.64 (0.498)
Caliper cylinder I.D.	Front	27.000 – 27.050 (1.0630 – 1.0650)	27.06 (1.065)
	Rear	38.180 – 38.230 (1.5031 – 1.5051)	38.24 (1.506)
Caliper piston O.D.	Front	26.935 – 26.968 (1.0604 – 1.0617)	26.91 (1.059)
	Rear	38.115 – 38.148 (1.5006 – 1.5019)	38.09 (1.500)

CHARGING SYSTEM/ALTERNATOR			SPECIFICATIONS
ITEM			
Alternator charging coil resistance (at 20°C/68°F)			0.3 – 0.5 Ω
Battery ('98 – '00)	Capacity		12 V – 16 AH
	Current leakage		1 mA max.
	Specific gravity (20°C/68°F)	Fully charged	1.270 – 1.290
		Needs charging	Below 1.260
Charging current		1.6 A max.	
Battery (After '00)	Capacity		12 V – 12 Ah
	Current leakage		0.1 mA max.
	Voltage (20°C/68°F)	Fully charged	13.0 – 13.2 V
		Needs charging	Below 12.3 V
	Charging current	Normal	1.4 A/5 – 10 h
Quick		6.0 A/1.0 h	

IGNITION SYSTEM		SPECIFICATIONS
ITEM		
Spark plug	Standard	DPR7EA-9 (NGK) X22EPR-U9 (DENSO)
	For cold climate (below 5°C/41°F)	DPR6EA-9 (NGK) X20EPR-U9 (DENSO)
	For extended high speed riding	DPR8EA-9 (NGK) X24EPR-U9 (DENSO)
Spark plug gap		0.8 – 0.9 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

GENERAL INFORMATION

ELECTRIC STARTER/STARTER CLUTCH

Unit: mm (in)

ITEM	STANDARD	SERVICE LIMIT
Starter driven gear O.D.	57.749 – 57.768 (2.2736 – 2.2743)	57.639 (2.2692)
Starter clutch housing I.D.	74.414 – 74.440 (2.9297 – 2.9307)	74.50 (2.933)
Starter motor brush length	12.5 – 13.0 (0.49 – 0.51)	6.5 (0.26)
Torque limiter slip torque	16 – 25 N·m (1.6 – 2.5 kgf·m, 12 – 18 lbf·ft)	—

LIGHTS/METERS/SWITCHES

ITEM		SPECIFICATIONS	
Fuse	Main fuse	30 A	
	Sub-fuse	10 A x 6	
Bulbs	Headlight (High/low beam)	12 V-60/55 W	
	Brake/taillight	12 V-32/3 cp	
	License light	12 V-4 cp	
	Front turn signal/running light	12 V-32/3 cp x 2	
	Rear turn signal light	12 V-32 cp x 2	
	Meter light	12 V-1.7 W	
	High beam indicator	12 V-3.4 W	
	Turn signal indicator	12 V-3.4 W	
	Neutral indicator	12 V-3.4 W	
	Oil pressure indicator	12 V-3.4 W	
	Coolant temperature indicator	12 V-3.4 W	
Fuel pump flow capacity (minimum)		800 cm ³ (27.1 US oz, 28.2 Imp oz)/minute	
Thermosensor resistance	'98 – '00	at 80°C (176°F)	47 – 57 Ω
		at 120°C (248°F)	14 – 18 Ω
	After '00	at 80°C (176°F)	2.5 – 3.1 kΩ
		at 120°C (248°F)	0.65 – 0.73 kΩ
Fan motor switch	Closed (ON)	98 – 102°C (208 – 216°F)	
	Open (OFF)	93 – 97°C (199 – 207°F)	

TORQUE VALUES

STANDARD FASTENER TYPE	TORQUE N-m (kgf-m, lbf-ft)	FASTENER TYPE	TORQUE N-m (kgf-m, lbf-ft)
5 mm bolt and nut	5 (0.5, 3.6)	5 mm screw	4 (0.4, 2.9)
6 mm bolt and nut	10 (1.0, 7)	6 mm screw	9 (0.9, 6.5)
8 mm bolt and nut	22 (2.2, 16)	6 mm flange bolt (8 mm head)	9 (0.9, 6.5)
10 mm bolt and nut	34 (3.5, 25)	6 mm flange bolt (10 mm head) and nut	12 (1.2, 9)
12 mm 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 locking agent to the threads.
 3. Apply molybdenum oil solution to the threads.
 4. Apply grease to the threads and seating surface.
 5. Apply oil to the threads and seating surface.
 6. ALOC bolt. Replace with new one.
 7. Stake
 8. Left hand threads.

ENGINE	ITEM	QTY	THREAD DIA. (mm)	TORQUE N-m (kgf-m, lbf-ft)	REMARKS
LUBRICATION SYSTEM:					
	Oil drain bolt	1	14	29 (3.0, 22)	
	Oil filter cartridge	1	20	10 (1.0, 7)	NOTE 5
	Oil pump driven sprocket bolt	1	6	18 (1.8, 13)	NOTE 2
	Oil pump mounting bolt	3	6	12 (1.2, 9)	
	Oil pump assembly bolt	2	6	13 (1.3, 9)	
	Oil orifice bolt	1	6	10 (1.0, 7)	
	Oil pressure switch	1	PT 1/8	12 (1.2, 9)	NOTE 1
FUEL SYSTEM:					
	Carburetor insulator band screw	4	5	2 (0.2, 1.4)	
CYLINDER HEAD/VALVE:					
	Spark plug	4	12	14 (1.4, 10)	
	Spark plug sleeve	2	30	13 (1.3, 9)	NOTE 3
	Assist shaft cap	6	14	22 (2.2, 16)	
	Head cover shroud bolt	8	6	9 (0.9, 6.5)	
	Cylinder head cover bolt	10	8	26 (2.7, 20)	
	cap nut	4	8	26 (2.7, 20)	
		8	10	43 (4.4, 32)	
	Rocker arm shaft hole plug	6	22	39 (4.0, 29)	
	Cam sprocket bolt	4	7	18 (1.8, 13)	NOTE 2
	Cam chain tensioner bolt	4	6	12 (1.2, 9)	
CLUTCH/GEARSHIFT LINKAGE:					
	Clutch cover bolt	7	6	12 (1.2, 9)	
	Clutch center lock nut '98 - '00	1	25	98 (10.0, 72)	NOTE 5, 7
	After '00	1	25	127 (13.0, 94)	NOTE 5, 7
	Clutch lifter plate bolt	5	6	12 (1.2, 9)	
	Clutch cable lock nut	1	8	10 (1.0, 7)	
	Left crankcase rear cover nut	1	6	12 (1.2, 9)	
	Primary drive gear bolt	1	12	98 (10.0, 72)	NOTE 5
	Shift stopper arm pivot bolt	1	6	10 (1.0, 7)	

GENERAL INFORMATION

ENGINE (cont'd)

ITEM	Q'TY	THREAD DIA. (mm)	TORQUE N·m (kgf·m, lbf·ft)	REMARKS
CRANKSHAFT/TRANSMISSION:				
Right crankcase bolt	5	6	12 (1.2, 9)	
	10	8	26 (2.7, 20)	
	1	10	39 (4.0, 29)	
Output drive gear shaft bolt (Right crankcase)	1	10	49 (5.0, 36)	NOTE 2
Left crankcase bolt	1	6	12 (1.2, 9)	
	2	8	26 (2.7, 20)	
Connecting rod bearing cap nut	4	10	59 (6.0, 43)	NOTE 5
Output gear case mounting bolt	3	8	31 (3.2, 23)	
Output drive gear bearing holder bolt	2	8	31 (3.2, 23)	NOTE 5
Output driven gear bearing holder bolt	4	8	31 (3.2, 23)	NOTE 5
Output drive gear bearing lock nut	1	30	74 (7.5, 54)	NOTE 5, 7
	1	64	98 (10.0, 72)	NOTE 5, 7
Output driven gear bearing lock nut	1	30	74 (7.5, 54)	NOTE 5, 7
	1	64	98 (10.0, 72)	NOTE 5, 7
Right crankcase bearing setting plate screw	1	6	9 (0.9, 6.5)	NOTE 2
	4	6	12 (1.2, 9)	NOTE 2
CHARGING SYSTEM/ALTERNATOR:				
Flywheel bolt	1	12	137 (14.0, 101)	NOTE 5, 8
IGNITION SYSTEM:				
Timing hole cap	1	45	18 (1.8, 13)	NOTE 4
Ignition pulse generator wire clamp bolt (Right crankcase bolt)	1	8	26 (2.7, 20)	
ELECTRIC STARTER:				
Starter motor terminal nut	2	6	7 (0.7, 5.1)	
Starter motor assembly bolt	3	5	5 (0.5, 3.6)	
Starter clutch housing bolt	6	8	23 (2.3, 17)	NOTE 2
OTHERS:				
6 mm flange bolt (8 mm head: Small flange)	—	6	10 (1.0, 7)	
6 mm flange bolt (8 mm head: Large flange)	—	6	12 (1.2, 9)	

FRAME		Q'TY	THREAD DIA. (mm)	TORQUE N·m (kgf·m, lbf·ft)	REMARKS
FRAME/BODY PANELS/EXHAUST SYSTEM:					
Rear fender bolt		2	10	64 (6.5, 47)	NOTE 5
		4	8	26 (2.7, 20)	
Rear shock absorber upper pivot (grab rail) bolt		2	14	108 (11.0, 80)	NOTE 5
Exhaust pipe joint nut		4	8	23 (2.3, 17)	
Muffler mounting bolt		2	8	34 (3.5, 25)	
Muffler band bolt		4	8	20 (2.0, 14)	
Exhaust pipe cover bolt		3	6	9 (0.9, 6.5)	
Fuel tank mounting bolt	Front	1	6	12 (1.2, 9)	
	Rear	1	8	26 (2.7, 20)	
Fuel valve		1	22	34 (3.5, 25)	
Left crankcase rear cover nut		1	6	12 (1.2, 9)	
Footrest bracket bolt		4	10	39 (4.0, 29)	
Gearshift pedal pinch bolt		1	6	23 (2.3, 17)	
Side stand pivot bolt		1	10	10 (1.0, 7)	
Side stand pivot nut		1	10	29 (3.0, 22)	
Reflector cap nut		2	6	5 (0.5, 3.6)	
ENGINE MOUNT:					
Front lower engine mounting nut		1	10	39 (4.0, 29)	
Front upper engine mounting bolt		5	8	26 (2.7, 20)	
Rear lower engine mounting nut		1	10	54 (5.5, 40)	
Rear upper engine mounting nut		1	10	54 (5.5, 40)	
Sub-frame bolt	Front	2	10	64 (6.5, 47)	NOTE 5
	Rear	2	10	39 (4.0, 29)	
	Left	2	8	26 (2.7, 20)	
Muffler bracket (engine attaching) bolt		1	8	26 (2.7, 20)	
Muffler bracket stay bolt ('98 - '00 only)		2	8	34 (3.5, 25)	
FINAL DRIVE:					
Final drive oil filler cap		1	30	12 (1.2, 9)	
Final drive oil drain bolt		1	8	12 (1.2, 9)	
Final gear case assembly mounting bolt		4	10	64 (6.5, 47)	
Dust guard plate bolt		1	6	10 (1.0, 7)	
Gear case cover bolt		2	10	47 (4.8, 35)	NOTE 2
		6	8	25 (2.6, 19)	
Pinion gear shaft nut		1	16	108 (11.0, 80)	NOTE 2
Pinion retainer lock tab bolt		1	6	10 (1.0, 7)	
Pinion retainer		1	64	108 (11.0, 80)	
FRONT WHEEL/SUSPENSION/STEERING:					
Handlebar upper holder bolt		4	8	29 (3.0, 22)	
Handlebar lower holder nut		2	8	26 (2.7, 20)	
Front axle bolt		1	14	59 (6.0, 43)	
Front axle pinch bolt		4	8	22 (2.2, 16)	
Front brake disc bolt		6	8	42 (4.3, 31)	NOTE 6
Spoke nipple		52	—	4 (0.4, 2.9)	
Valve stem nut		1	—	3 (0.3, 2.2)	
Front fender garnish bolt		4	6	9 (0.6, 6.5)	
Fork cover bolt		4	6	12 (1.2, 9)	
Upper fork pinch bolt		2	8	23 (2.3, 17)	
Lower fork pinch bolt		2	10	49 (5.0, 36)	
Fork cap		2	37	23 (2.3, 17)	
Fork socket bolt		2	8	20 (2.0, 14)	NOTE 2
Steering stem nut		1	24	103 (10.5, 76)	
Steering bearing adjustment nut		1	26	21 (2.1, 15)	(page 13-25)
Front brake hose clamp bolt		2	6	12 (1.2, 9)	

GENERAL INFORMATION

DESCRIPTION	TOOL NUMBER	ALTERNATIVE TOOL	TOOL NUMBER
Bearing race insert attachment	07931 - 4630300		
Bearing puller & driver attachment	07934 - MB00000	Bearing puller & driver attachment	07934 - MB0010A or 07965 - MB00100 (U.S.A. only)
Bearing remover set, 20 mm	07936 - 3710001	Not available in U.S.A.	
— remover handle	07936 - 3710100		
— bearing remover, 20 mm	07936 - 3710600		
— remover weight	07741 - 0010201	Remover weight	07936 - 371020A or 07936 - 3710200 (U.S.A. only)
Remover handle	07936 - 3710100		
Bearing remover, 17 mm	07936 - 3710300		
Bearing remover set, 10 mm	07936 - GE00000	Equivalent commercially available in U.S.A.	
— remover shaft	07936 - GE00100		
— bearing remover, 10 mm	07936 - GE00200		
— remover weight	07741 - 0010201		
Attachment	07945 - 3330300		
Bearing remover	07946 - 3710500	Bearing remover	M9360 - 277 - 91774 (U.S.A. only)
Steering stem driver	07946 - MB00000		
Fork seal driver body	07947 - KA50100		
Fork seal driver attachment, 41 mm I.D.	07947 - KF00100		
Bearing remover	07948 - 4630100		
Driver	07949 - 3710001		
Ball race remover	07953 - MJ10000	Ball race remover	07953 - MJ1000B or 07953 - MJ1000A (U.S.A. only)
— remover attachment	07953 - MJ10100		
— remover handle	07953 - MJ10200		
Damper spring compressor	07964 - ME90000	Assembly bolt Assembly collar	07965 - 1660200 07965 - 166030A or 07965 - 1660300 07965 - KA30000 07967 - 9690200
Dis/assembly tool	07965 - 3710101	Threaded adaptor Compressor seat	
Attachment	07965 - MA10100		
Hydraulic tappet bleeder	07973 - MJ00000		
Valve guide reamer, 6.6 mm	07984 - ZE20001	Valve guide reamer, 6.6 mm	07984 - ZE2000D (U.S.A. only)
Torque limiter attachment	07998 - MG80000	Not available in U.S.A.	
Bearing driver attachment	07GAD - SD40101		
Oil filter wrench	07HAA - PJ70100		
Peak voltage adaptor	07HGG - 0020100	Peak voltage tester	(U.S.A. only)
Pinion puller set	07HMC - MM80100	Not available in U.S.A.	
Pinion puller set	07935 - MB00000	Puller shaft 22 x 1.5 x 240 mm	07931 - ME4010B
Pinion puller attachment	07HMC - MM80200	Puller base "A"	07HMC - MM8011A (U.S.A. only)
Spoke nipple wrench	07JMA - MR60100	Equivalent commercially available in U.S.A.	
Clutch center holder	07JMB - MN50301	Clutch center holder	07HGB - 001010B and 07HGB - 001020B M937B - 021 - XXXXX (U.S.A. only)
Vacuum gauge set	07LMJ - 001000A	Vacuum gauge set	
Vacuum/pressure pump	A937X - 041 - XXXXX	Equivalent commercially available in U.S.A.	

LUBRICATION & SEAL POINTS

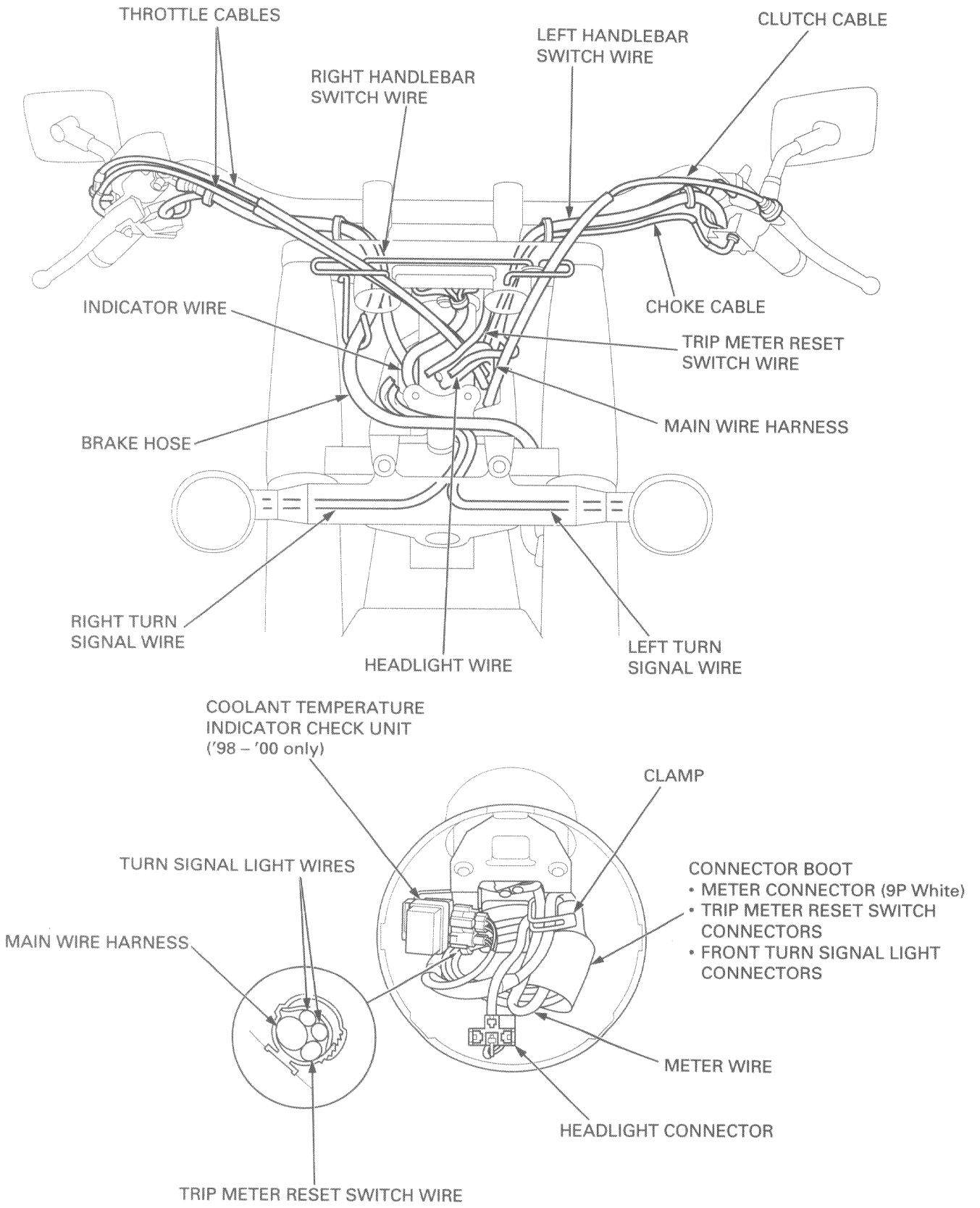
ENGINE	LOCATION	MATERIAL	REMARKS
	Crankcase mating surfaces Cylinder head-to-head cover mating surfaces Camshaft plug seating surfaces Ignition pulse generator wire grommet seating surface Alternator stator wire grommet seating surface Oil pressure switch threads Thermosensor threads Right crankcase cover bolt Left crankcase cover bolt	Sealant	Do not apply around the hydraulic tappet holes. Do not apply to the switch head. Do not apply to the sensor head. Only two bolts (page 10-12). Only one bolt (page 16-10).
	Clutch outer sliding surface Clutch outer guide outer surface Rocker arm shaft sliding surfaces Rocker arm slipper surfaces Spark plug sleeve threads and O-ring grooves Camshaft journals and cam lobes Valve stem (valve guide sliding surface) Piston pin outer surface Piston pin hole Connecting rod small end inner surfaces Connecting rod bearing thrust surfaces Crankshaft main journal bearing thrust surfaces Transmission gearshift fork grooves Transmission gear spline bushing outer surfaces Transmission gear bushing inner and outer surfaces Transmission gearshift fork sliding surfaces Output gear bushing inner and outer surfaces Starter reduction gear shaft outer surface Other gear engaging portions and rotating surfaces	Molybdenum oil solution (a mixture of 1/2 engine oil and 1/2 molybdenum disulfide grease)	
	Timing hole cap threads Oil seal lips	Multi-purpose grease	
	Oil filter cartridge threads and O-ring Clutch center lock nut threads Clutch disc sliding surfaces Piston and piston ring outer surfaces Connecting rod bolt/nut threads and seating surfaces Output drive gear shaft bearing holder bolt threads Output driven gear shaft bearing holder bolt threads Output drive gear shaft bearing inner/outer lock nut threads Output driven gear shaft bearing inner/outer lock nut threads Flywheel bolt threads and seating surfaces Primary drive gear bolt threads and seating surface Each bearing Each O-ring Other sliding and rotating surfaces	Engine oil	
	Air cleaner connecting tube-to-housing mating surfaces	Honda Bond A or equivalent	

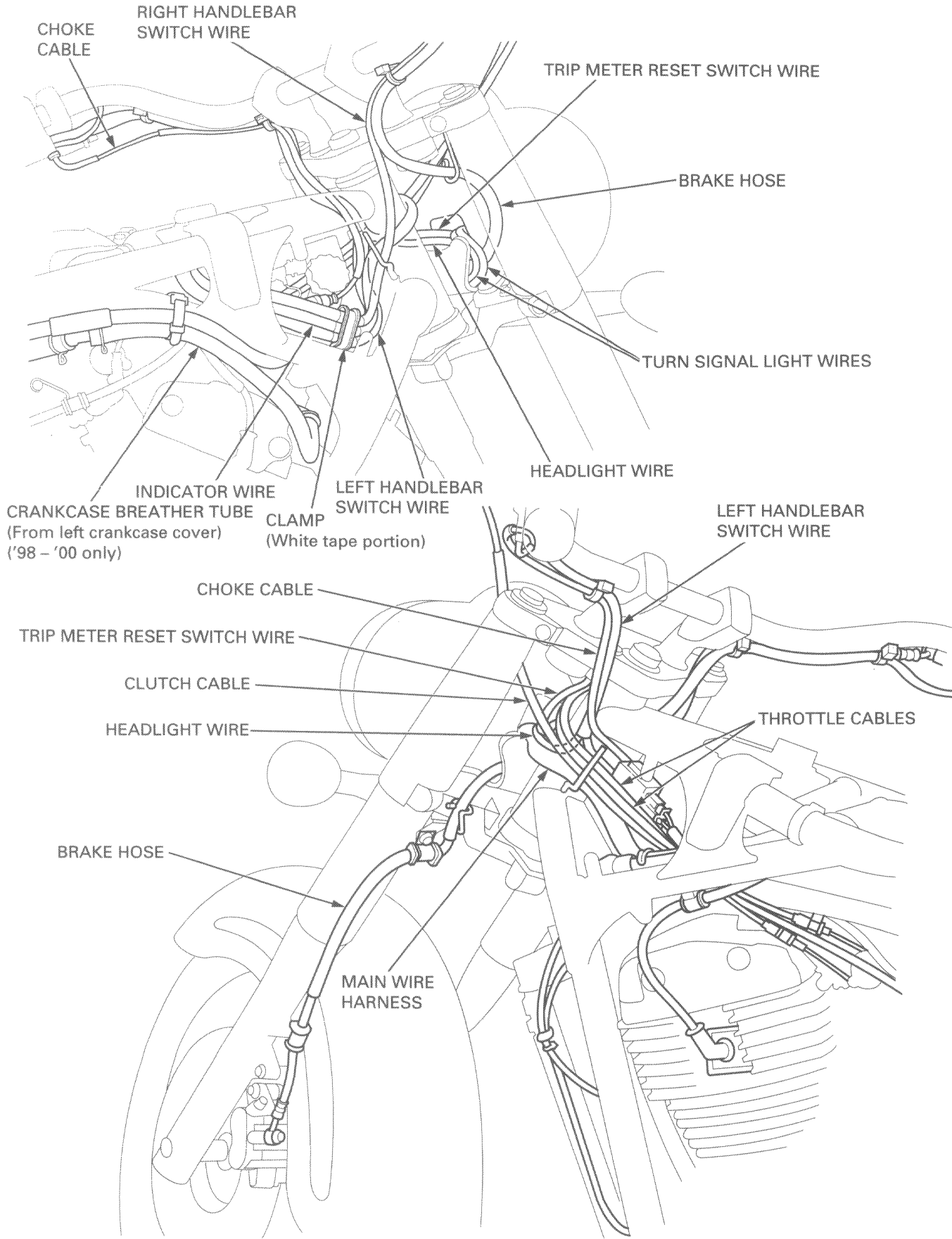
GENERAL INFORMATION

ENGINE (cont'd) LOCATION	MATERIAL	REMARKS
Oil filter boss threads (crankcase side only) Oil pump driven sprocket bolt threads Cam sprocket bolt threads Clutch lifter arm holder mounting bolt threads Mainshaft and countershaft bearing setting plate bolt threads Gearshift drum setting plate screw and bolt threads Gearshift cam bolt threads Output drive gear shaft (right crankcase) bolt threads Alternator stator bolt threads Starter clutch housing bolt threads	Locking agent	Coating width: 6.5 mm (0.26 in) Only one bolt (page 10-9)

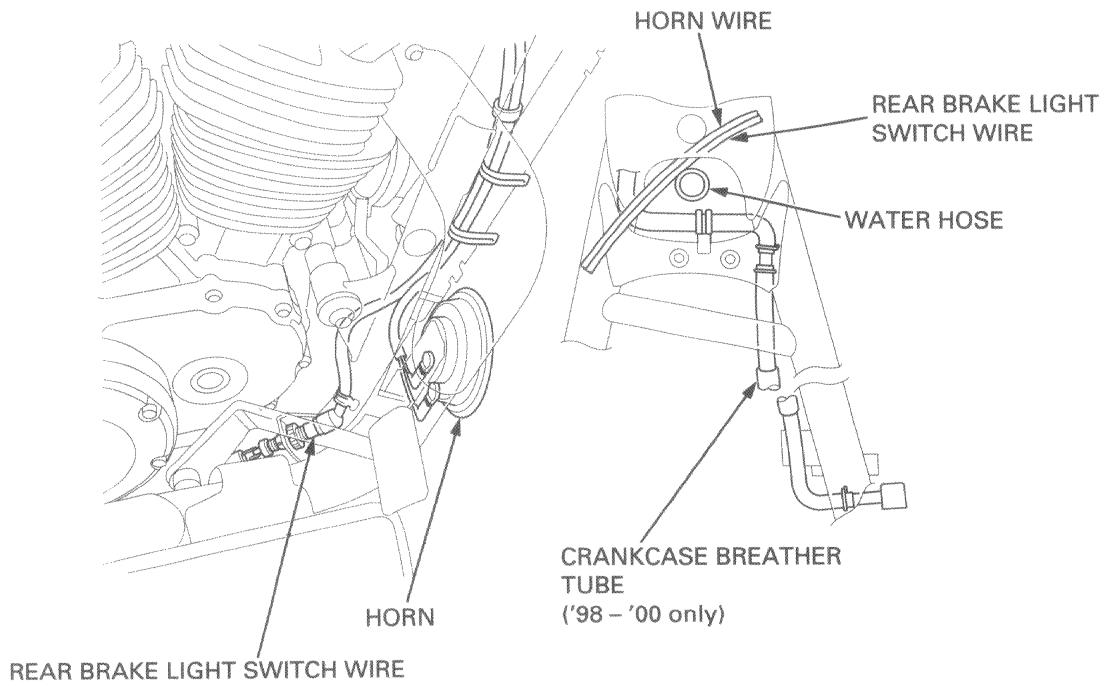
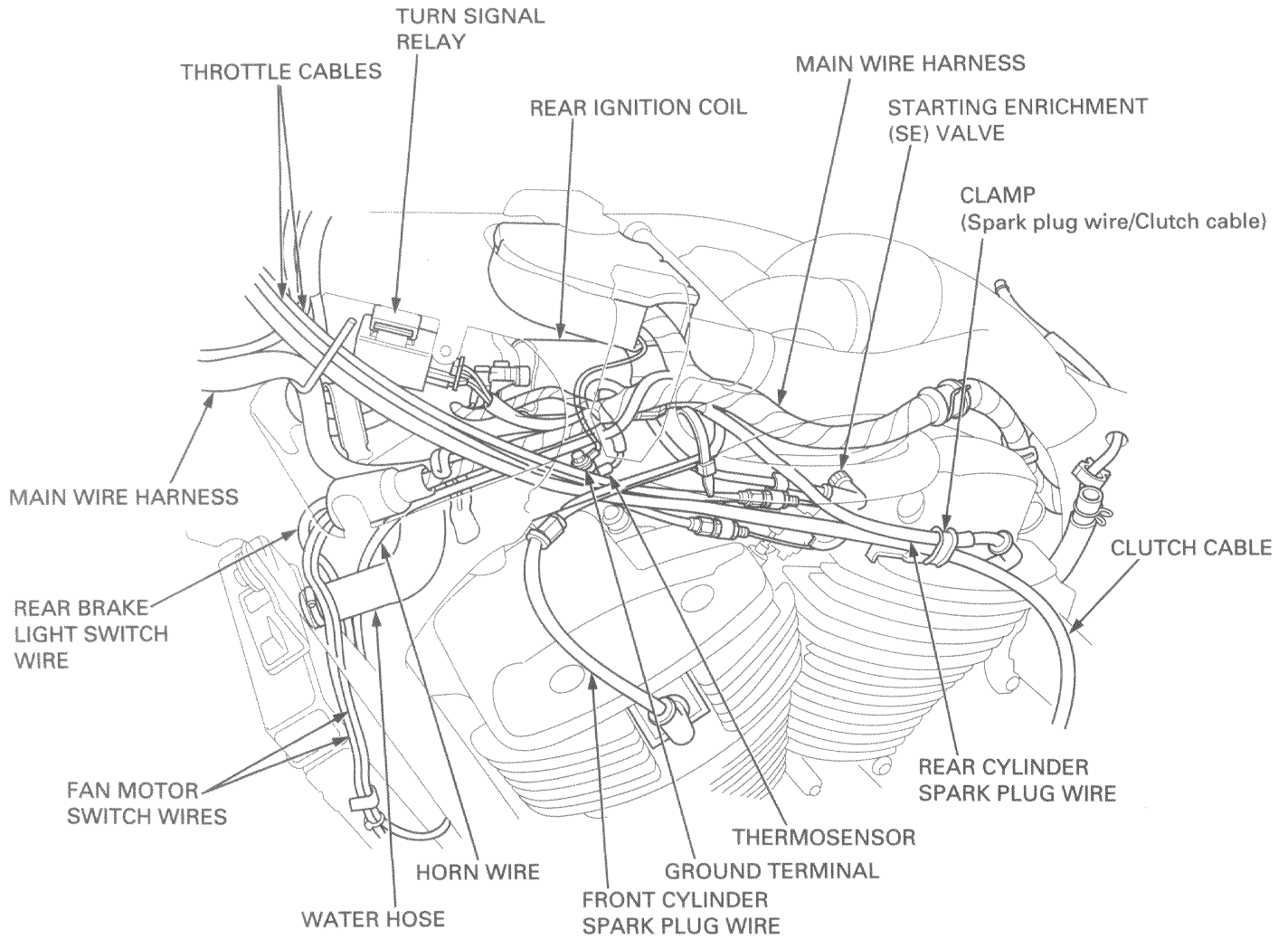
FRAME	LOCATION	MATERIAL	REMARKS
	Final gear case-to-case cover mating surfaces	Sealant	Do not apply around the dowel pin holes.
	Muffler bracket stay sliding surface (large I.D. side) Final driven flange spline, O-ring and O-ring groove Final driven flange-to-final gear case O-ring guide contacting area Rear wheel hub-to-final driven flange mating surface, wheel hub O-ring and O-ring groove	Molybdenum disulfide paste	Apply 5 g. Apply 1 – 2 g. Apply 2 – 3 g to the hub end and 3 g to the driven flange.
	Final drive pinion joint spline Final drive shaft spline (universal joint) Output driven gear shaft spline (universal joint) Final drive shaft oil seal lip	Molybdenum disulfide grease	Apply 2 g. Apply 1 g. Apply 1 g. Apply 0.5 g.
	Driver footrest pivot Passenger footpeg pivot Side stand pivot Final gear case O-ring (3 places) Final gear case oil seal lips (3 places) Front and rear wheel dust seal lips Throttle grip pipe flange cable groove Clutch lever pivot Steering head bearing Steering head bearing dust seal lips Swingarm pivot bearing Swingarm pivot bearing dust seal lips Rear brake pedal pivot Rear brake pedal arm pivot and dust seal lips	Multi-purpose grease	Fill up 3 g per each bearing.
	Throttle cable Clutch cable Choke cable	Cable lubricant	
	Brake master piston and cups Caliper piston	DOT 4 brake fluid	
	Brake lever pivot Front brake lever-to-master piston contacting area Rear master cylinder push rod-to-piston contacting area Caliper piston seals Caliper pin boot inside Caliper bracket pin boot inside	Silicone grease	
	Rear fender 10 mm bolt threads Rear shock absorber upper pivot (grab rail) bolt threads Sub-frame bolt threads Steering bearing adjustment nut threads	Engine oil	Right front side only.
	Front fork dust seal lips Front fork oil seal lips	Pro Honda Suspension Fluid SS-8	
	Left handlebar grip rubber Rear brake pedal rubber seating surface Caliper pad retainer seating surface	Honda Bond A or equivalent	
	Final gear case cover 10 mm bolt threads Final drive pinion gear shaft nut threads Final gear case stud bolt threads Front fork socket bolt threads Front caliper pin bolt threads Front caliper bracket pin bolt threads Rear master cylinder hose joint screw threads Rear caliper pin bolt threads	Locking agent	Gear case side only.

CABLE & HARNESS ROUTING

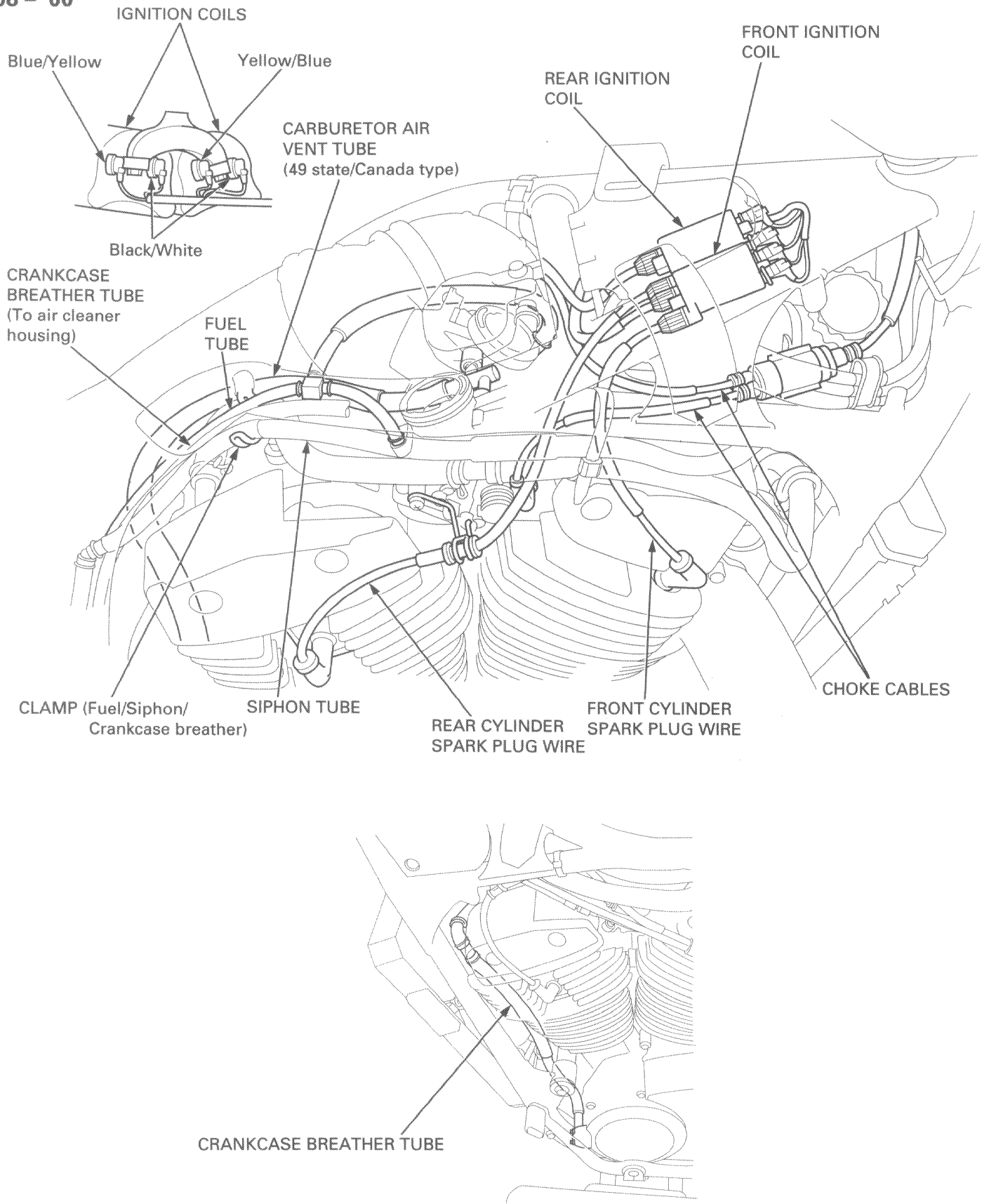




GENERAL INFORMATION



'98 - '00



GENERAL INFORMATION

'98 - '00

INSIDE CONNECTOR BOX:

GROUND WIRE CONNECTOR
(To thermostat cover)

TURN SIGNAL
CONNECTORS

DIODE

RIGHT HANDLEBAR
SWITCH CONNECTOR
(9P Brown)

INDICATOR CONNECTOR
(9P Green)

CLUTCH SWITCH
CONNECTOR

DIMMER SWITCH
CONNECTOR

LEFT HANDLEBAR
SWITCH CONNECTOR
(9P White)

CRANKCASE BREATHER STORAGE TANK

SUB-AIR CLEANER

CONNECTOR BOX
(See above)

CRANKCASE BREATHER
TUBE (From cylinder head)

CRANKCASE BREATHER TUBE
(From left crankcase cover)

INDICATOR WIRE

SIPHON TUBE

RIGHT HANDLEBAR
SWITCH WIRE

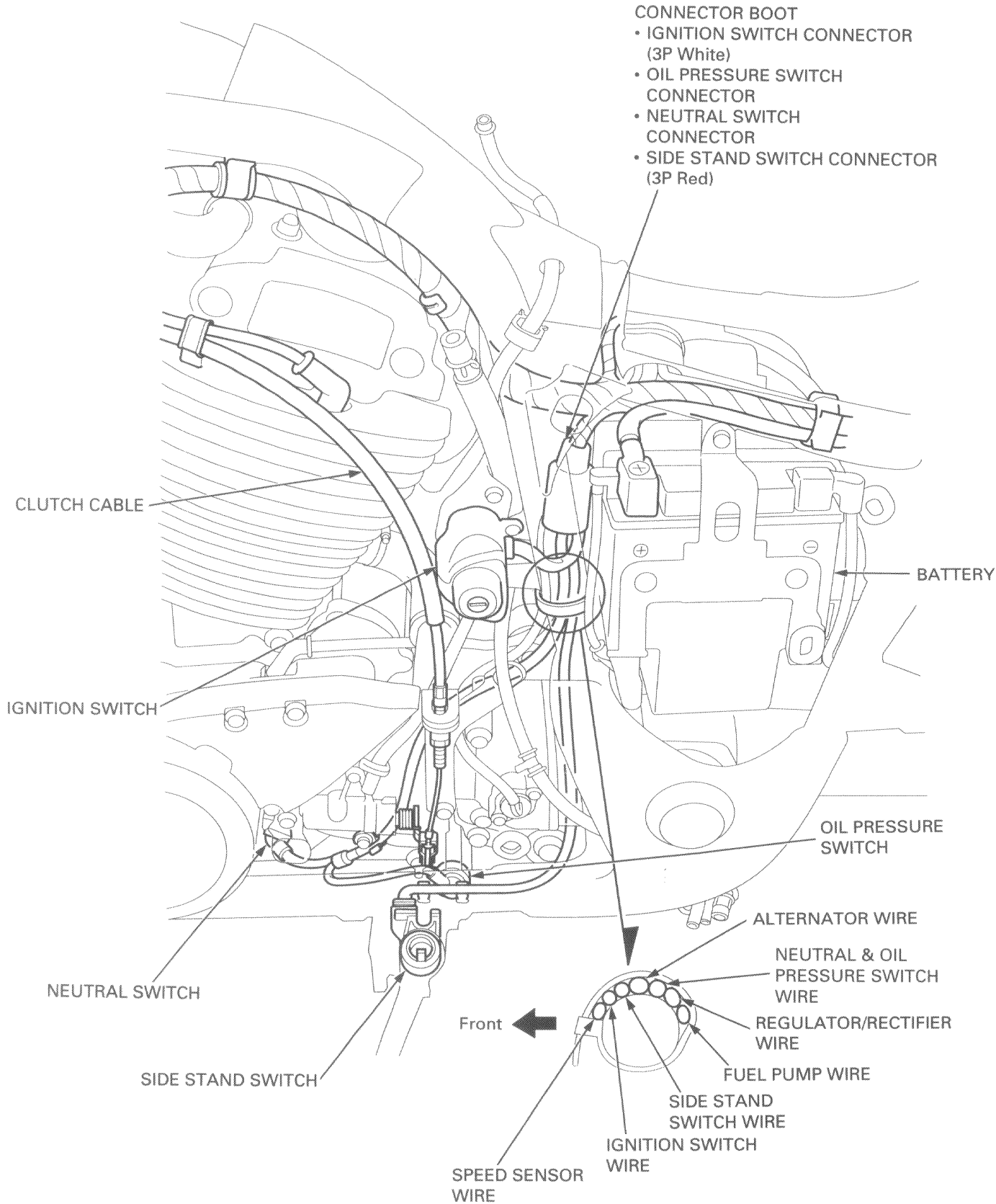
LEFT HANDLEBAR
SWITCH WIRE

CRANKCASE BREATHER
TUBE (To air cleaner housing)

View from rear side:

FUEL TUBE

'98 - '00



GENERAL INFORMATION

'98 - '00

A CARBURETOR AIR VENT TUBE:
49 state/Canada type
EVAP CAV CONTROL VALVE
AIR VENT TUBE:
California type

B FUEL TANK BREATHER
TUBE: 49 state/
Canada type
No. 1 TUBE:
California type

C FUEL
TUBE

A

B

C

- CONNECTOR BOOT
- FUEL PUMP CONNECTOR (2P Black)
 - ALTERNATOR-REGULATOR/RECTIFIER CONNECTOR (3P White)
 - REGULATOR/RECTIFIER CONNECTORS (2P Green & 2P White)
 - IGNITION PULSE GENERATOR-ICM CONNECTOR (2P White)
 - FUSE BOX CONNECTOR (6P White)

SPEED SENSOR CONNECTOR
(3P White)

FUEL TUBE
(To fuel pump)

MAIN WIRE
HARNESS

ALTERNATOR WIRE

FUEL PUMP

BATTERY BREATHER
TUBE

AIR CLEANER
DRAIN TUBE

CARBURETOR AIR VENT TUBE:
49 state/Canada type
EVAP CAV CONTROL VALVE
AIR VENT TUBE:
California type

REGULATOR/
RECTIFIER

ALTERNATOR WIRE

NEUTRAL & OIL PRESSURE
SWITCH WIRE

REGULATOR/RECTIFIER WIRE

FUEL TANK BREATHER
TUBE (49 state/Canada type)

Front ←

SPEED SENSOR
WIRE

FUEL PUMP WIRE

SIDE STAND
SWITCH WIRE

IGNITION SWITCH WIRE

GENERAL INFORMATION

'98 - '00

(A) CARBURETOR AIR VENT TUBE:
 49 state/Canada type
 EVAP CAV CONTROL VALVE
 AIR VENT TUBE:
 California type

**(B) FUEL TANK
 BREATHER
 TUBE:** 49 state/
 Canada type
 No. 1 TUBE:
 California type

**(C) FUEL
 TUBE**

- CONNECTOR BOOT**
- FUEL PUMP CONNECTOR (2P Black)
 - ALTERNATOR-REGULATOR/RECTIFIER CONNECTOR (3P White)
 - REGULATOR/RECTIFIER CONNECTORS (2P Green & 2P White)
 - IGNITION PULSE GENERATOR-ICM CONNECTOR (2P White)
 - FUSE BOX CONNECTOR (6P White)

SPEED SENSOR CONNECTOR (3P White)

(A)

(B)

(C)

ALTERNATOR WIRE

FUEL PUMP

CARBURETOR AIR VENT TUBE:
 49 state/Canada type
 EVAP CAV CONTROL VALVE
 AIR VENT TUBE:
 California type

BATTERY BREATHER TUBE

AIR CLEANER DRAIN TUBE

FUEL TANK BREATHER TUBE (49 state/Canada type)

REGULATOR/RECTIFIER

ALTERNATOR WIRE

NEUTRAL & OIL PRESSURE SWITCH WIRE

Front ←

REGULATOR/RECTIFIER WIRE

SPEED SENSOR

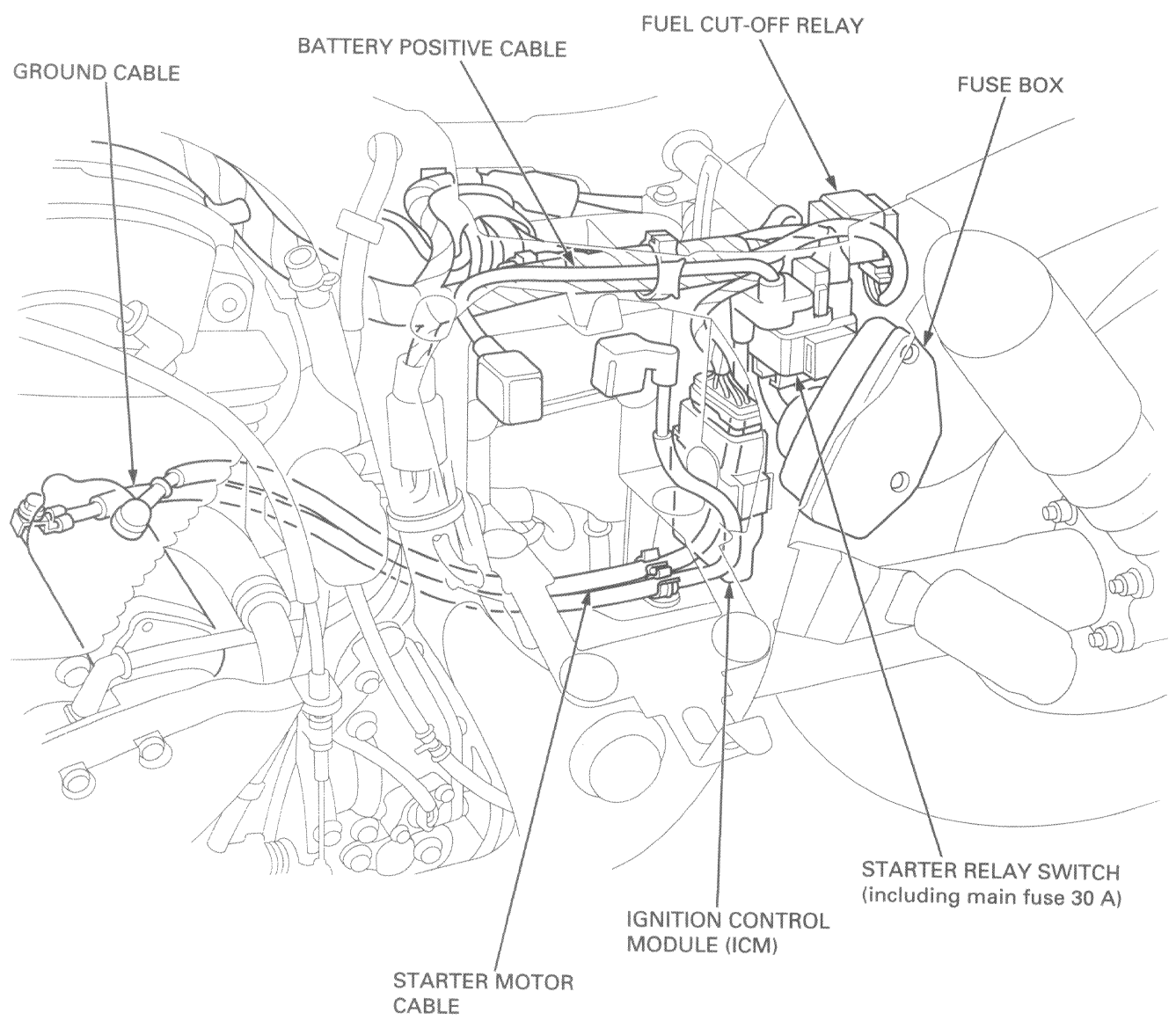
SPEED SENSOR WIRE

SIDE STAND SWITCH WIRE

IGNITION SWITCH WIRE

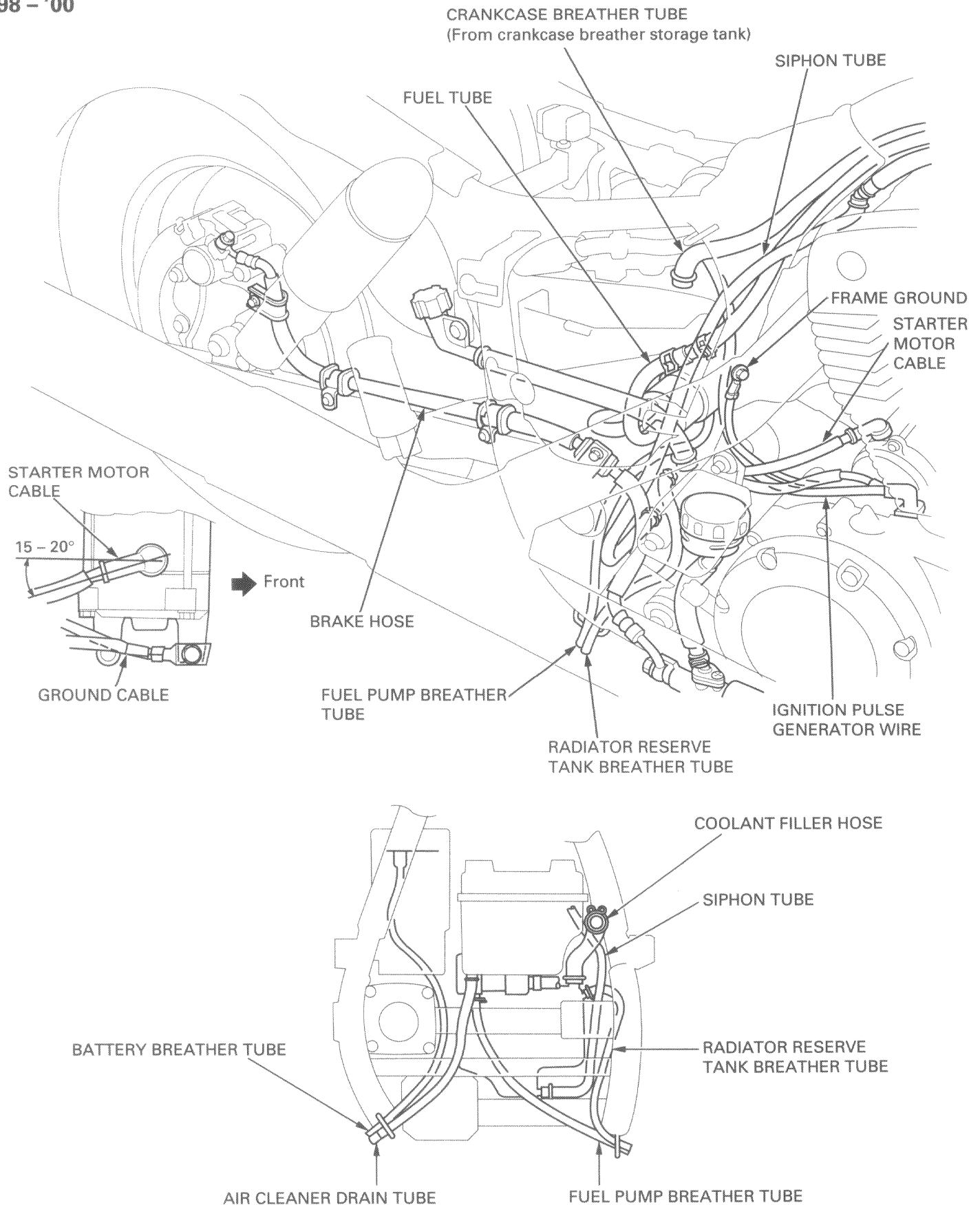
FUEL PUMP WIRE

'98 - '00

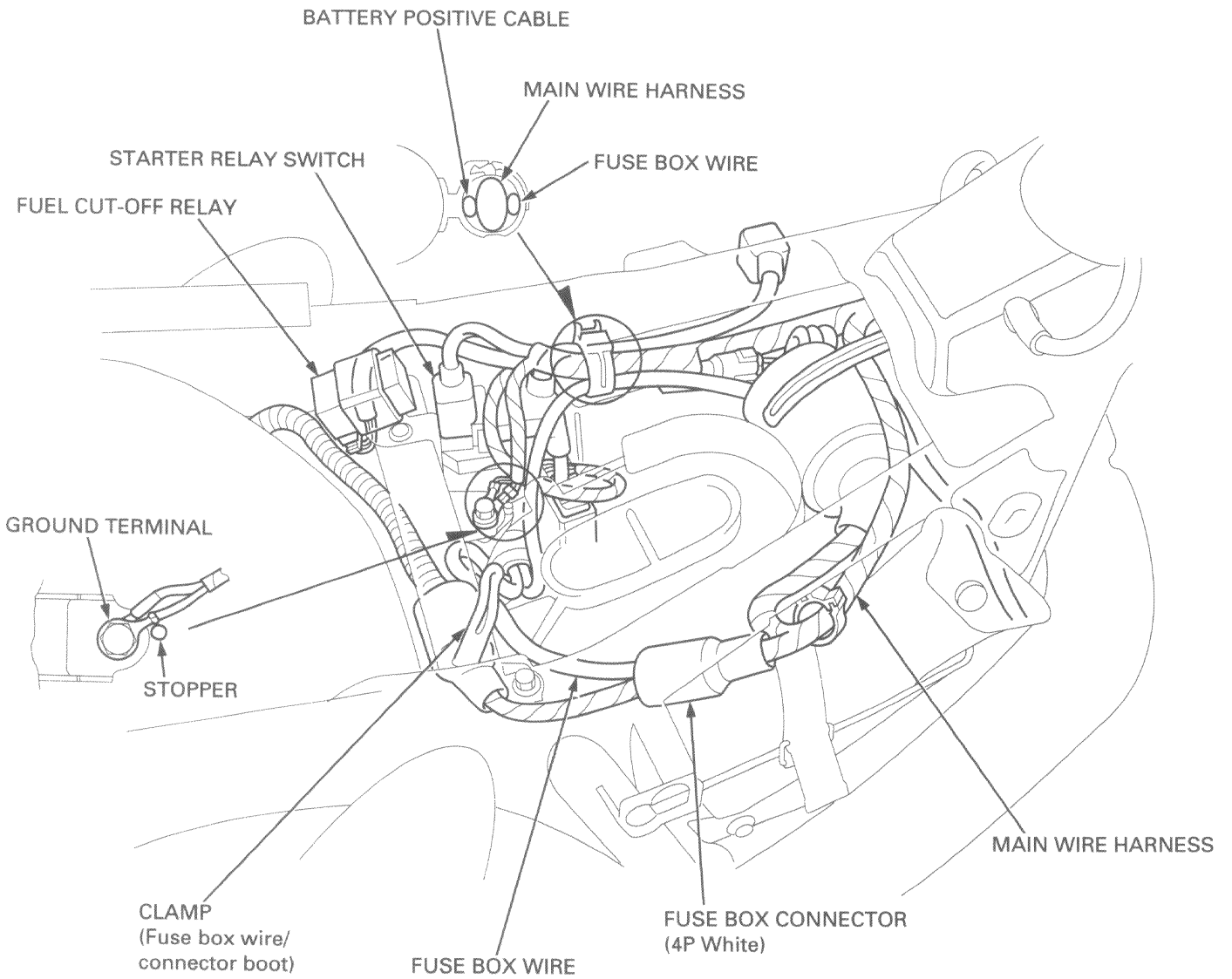


GENERAL INFORMATION

'98 - '00

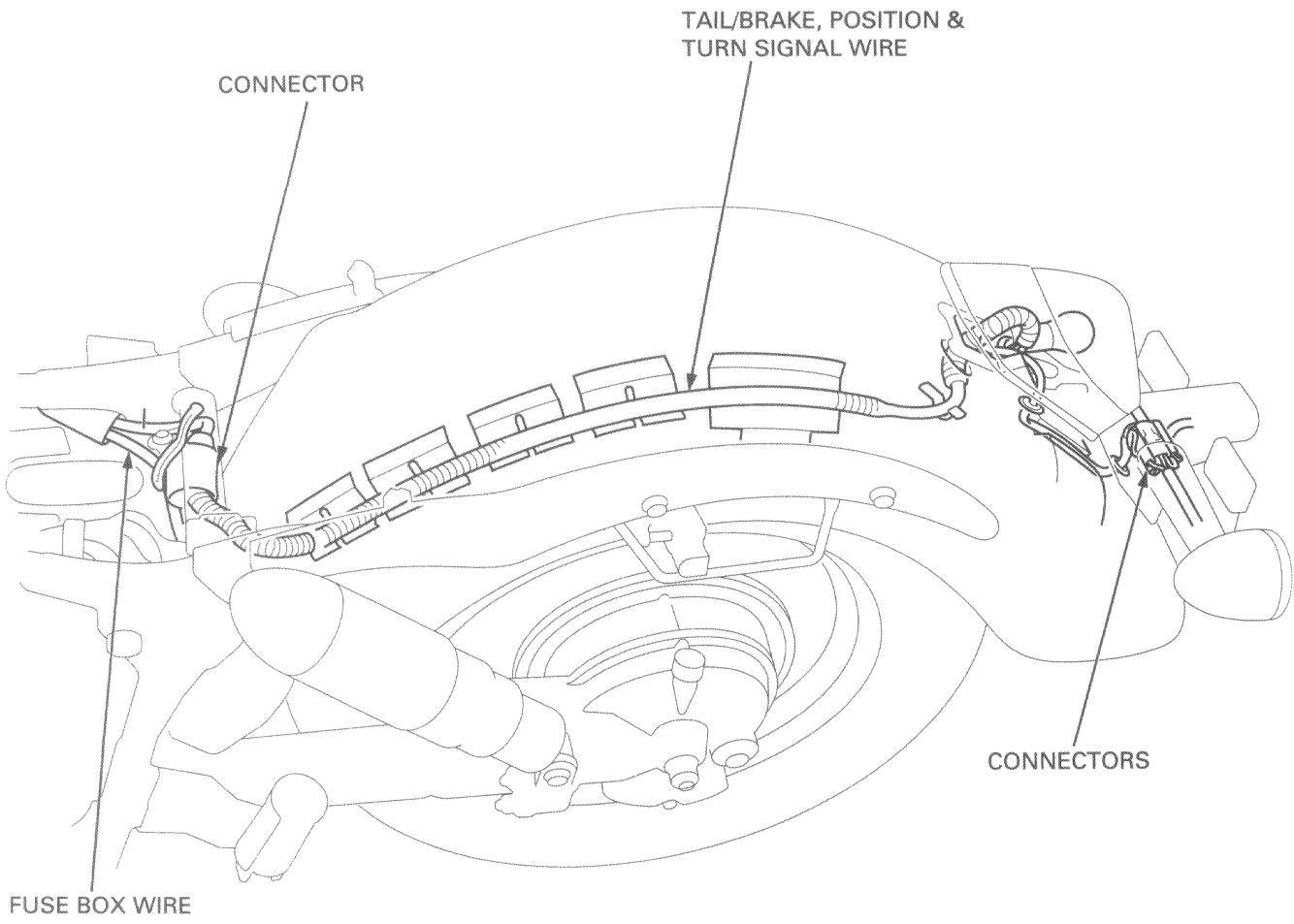


'98 - '00

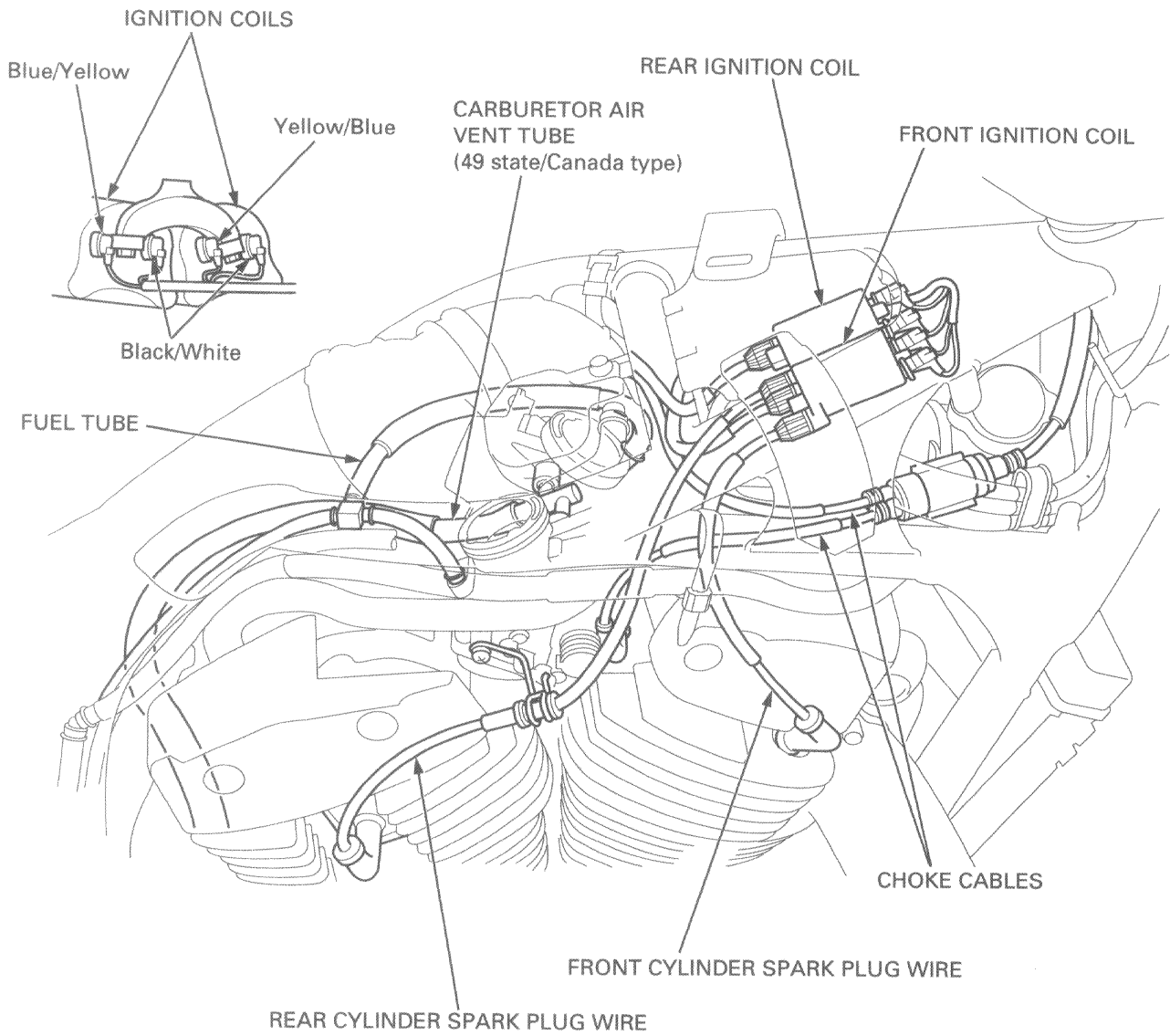


GENERAL INFORMATION

'98 - '00



After '00



GENERAL INFORMATION

After '00

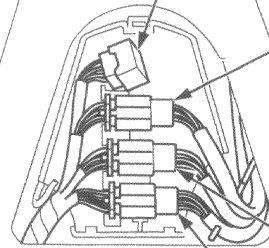
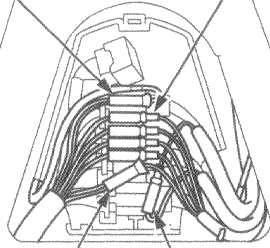
INSIDE CONNECTOR BOX

GROUND WIRE CONNECTOR
(To thermostat cover)

TURN SIGNAL
CONNECTORS

JOINT CONNECTOR

RIGHT HANDLEBAR
SWITCH CONNECTOR
(9P Brown)



CLUTCH SWITCH
CONNECTOR

DIMMER SWITCH
CONNECTORS

INDICATOR CONNECTOR
(9P Green)

LEFT HANDLEBAR
SWITCH CONNECTOR
(9P White)

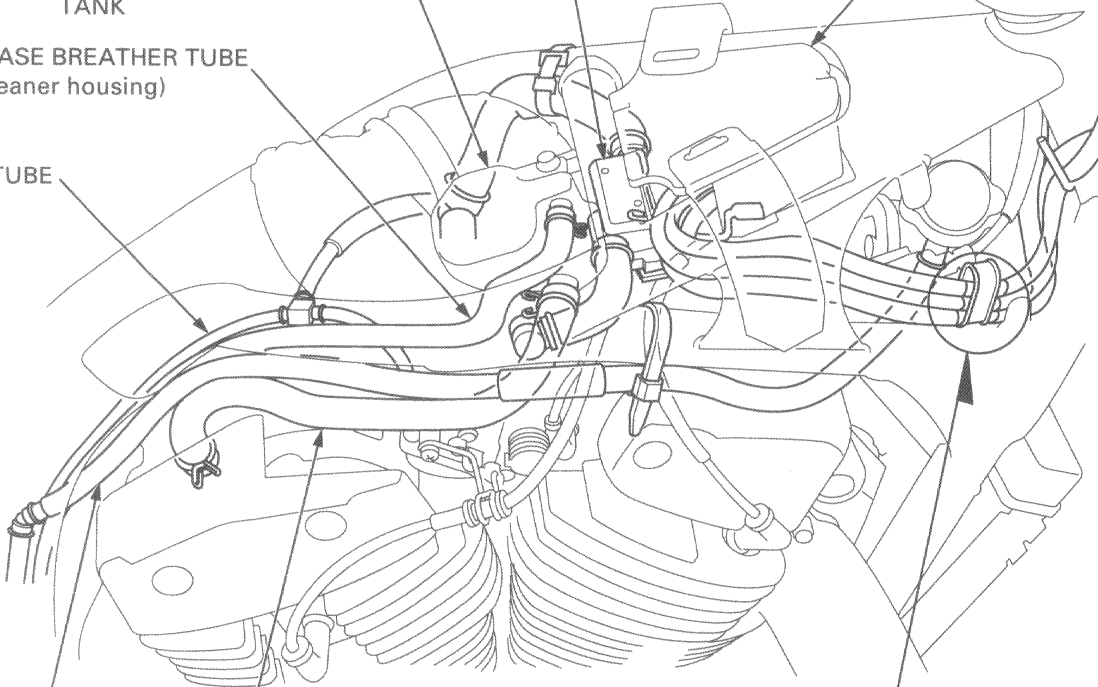
SUB-AIR CLEANER

CONNECTOR BOX
(See above)

CRANKCASE BREATHER STORAGE
TANK

CRANKCASE BREATHER TUBE
(To air cleaner housing)

FUEL TUBE



SIPHON TUBE

CRANKCASE BREATHER TUBE
(From cylinder head)

LEFT HANDLEBAR
SWITCH WIRE

INDICATOR WIRE

RIGHT HANDLEBAR
SWITCH WIRE

View from rear side:



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