

## Important Safety Notice

**▲ WARNING** Indicates a strong possibility of severe personal injury or death if instructions are not followed.

**CAUTION:** Indicates a possibility of equipment damage if instructions are not followed.

**NOTE:** Gives helpful information.

Detailed descriptions of standard workshop procedures, safety principles and service operations are not included. It is important to note that this manual contains *some* warnings and cautions against some specific service methods which could cause **PERSONAL INJURY** to service personnel or could damage a vehicle or render it unsafe. Please understand that those warnings could not cover all conceivable ways in which service, whether or not recommended by Honda, might be done or of the possibly hazardous consequences of each conceivable way, nor could Honda investigate all such ways. Anyone using service procedures or tools, whether or not recommended by Honda, *must satisfy himself thoroughly that neither personal safety nor vehicle safety will be jeopardized by the service methods or tools selected.*

### Type Codes

- Throughout this addendum, the following abbreviations are used to identify individual model.
- The asterisk (\*) indicates that this addendum is applicable for the corresponding area type.

Code	Available	Area Type
ED	*	European direct sales
E	*	U.K.
F	*	France
G (G I /GII/GIII)	*	Germany (Full power/Limited power)
U	*	Australia
SA		South Africa
ND		North Europe
SW	*	Switzerland
SD		Sweden
FI		Finland
N		Norway
IT		Italy
B		Belgium
H		Netherland
AR	*	Austria
D (DK, DM)		General export (km/h, mph)
SP	*	Spain

## Introduction

This service manual describes the service procedures of the CB750F2.

This Model Specific Manual includes every service procedure that is of a specific nature to this particular model. Basic service procedures that are common to other Honda Motorcycle/Motor Scooter/ATV are covered in the Common Service Manual. This Model Specific Service Manual should be used together with the Common Service Manual in order to provide complete service information on all aspects of this motorcycle.

Performing the first scheduled maintenance is very important.

It compensates for the initial wear that occurs during the break-in period.

Section 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 17 described in the following sections. Sections 4 through 17 describe parts of the motorcycle, grouped according to location.

Find the section you want on this page, then turn the table of contents on the first page of the section.

Most sections describe the service procedure through system illustration. Refer to the next page for details on how to use this manual.

If you don't know the source of the trouble, go to section 18 Troubleshooting.

**ALL INFORMATION, ILLUSTRATION, 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 INCURRING ANY OBRIGATION 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**

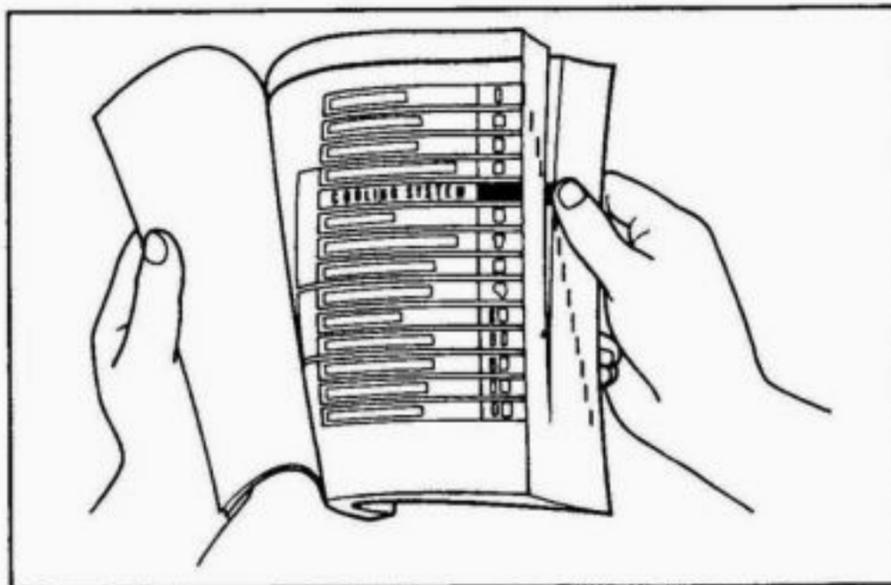
## Contents

	<b>General Information</b>	<b>1</b>
	<b>Frame/Body Panels/Exhaust System</b>	<b>2</b>
	<b>Maintenance</b>	<b>3</b>
<b>Engine and Drive Train</b>	<b>Lubrication System</b>	<b>4</b>
	<b>Fuel System</b>	<b>5</b>
	<b>Engine Removal/Installation</b>	<b>6</b>
	<b>Cylinder Head/Cylinder/Piston</b>	<b>7</b>
	<b>Clutch/Gearshift Linkage</b>	<b>8</b>
	<b>Crankshaft/Transmission</b>	<b>9</b>
<b>Chassis</b>	<b>Front Wheel/Suspension/Steering</b>	<b>10</b>
	<b>Rear Wheel/Suspension</b>	<b>11</b>
	<b>Brake System</b>	<b>12</b>
<b>Electrical</b>	<b>Charging System/Alternator</b>	<b>13</b>
	<b>Ignition System</b>	<b>14</b>
	<b>Electric Starter/Starter Clutch</b>	<b>15</b>
	<b>Lights/Meters/Switches</b>	<b>16</b>
	<b>Wiring Diagram</b>	<b>17</b>
	<b>Toubleshooting</b>	<b>18</b>

# How To Use This Manual

## Finding The Information You Need

- This manual is divided into sections which cover each of the major components of the motorcycle. To quickly find the section you are interested in, the first page of each section is marked with a black tab that lines up with one of the thumb index tabs before this page. The first page of each section lists the table of contents within the section. Read the service information and troubleshooting related to the section before you begin working.
- An index of the entire book is provided in the last chapter to directly locate the information you need.



## Understanding The Instructions

- The removal and installation of parts are for the most part illustrated by large and clear illustrations that should provide the reader with visual aid in understanding the major point for servicing.
- The system illustrations are augmented by callouts whose numbers or letters indicate the order in which the parts should be removed or installed.
- The sequence of steps represented numerically are differentiated from the ones represented alphabetically to notify the reader that they must perform these steps separately. For example, if the steps prior and up to camshaft removal are performed with the engine installed, but the subsequent steps like cylinder head removal require engine removal, the callouts are grouped in numerical and alphabetical orders.
- The illustrations may contain symbols to indicate necessary service procedures and precautions that need to be taken. Refer to the next page for the meaning of each symbol.
- Also in the illustration is a chart that lists information such as the order in which the part is removed/installed, the name of the part, and some extra notes that may be needed.
- Step by step instructions are provided to supplement the illustrations when detailed explanation of the procedure is necessary or illustrations alone would not suffice.
- Service procedures required before or after the procedure are described on that particular page, or inspection/adjustment procedures required following the installation of parts, are described under the title Requisite Service.
- Standard workshop procedures and knowledge covered in the Common Service Manual are abbreviated in this manual.

**Symbols**

**System illustration**

**Detailed description of the procedure**

**CYLINDER HEAD/CYLINDER/PISTON**

**CYLINDER HEAD REMOVAL/INSTALLATION**

**REQUISITE SERVICE**

Engine removal/installation page 7-21

Camshaft removal/installation page 8-21

PROCEDURE	REMARKS
REMOVAL ORDER	
(1) Cylinder head special nut	(1) Installation is in the reverse order of removal.
(2) Cylinder head mounting bolt	(2) Installation page 8-51
(3) Cylinder head assembly	(3) Install with the UP mark facing up and rearward.
(4) Gasket	(4) Installation page 8-51
(5) Dowel pin	
(6) Camshaft oil gear case bolt	
(7) Camshaft oil gear case dowel pin	
(8) Sealing washer	
(9) Camshaft oil gear case	
(10) Camshaft nut	
(11) Bolt	
(12) Special nut	
(13) Bolt	

At installation, align the mounting groove with the engine leg with the UP mark facing upward/airbox/valve side.

**CYLINDER HEAD/CYLINDER/PISTON**

**CAMSHAFT OIL GEAR CASE INSTALLATION**

Install the camshaft oil gear case dowel pins properly.

**NOTE**

Without the dowel pins installed properly, the camshaft oil gear may not be able to be installed onto the crank shaft timing gear.

Install the camshaft oil gear case onto the cylinder. While moving the oil gear lightly with the gear case hold, the gear case should be slid up slightly from the cylinder.

Install a new sealing washer and mounting bolts. Tighten bolts in a gradual, clockwise pattern.

**CYLINDER HEAD NUT/BOLT INSTALLATION**

Install the cylinder head special nut as shown. Do not tighten them yet.

Install the cylinder head mounting bolts. Tighten the special nuts and mounting bolts in a gradual clockwise pattern.

**TORQUE**

Special nut 38 Nm (2.8 kg-m, 2.8 ft-lb)

Mounting bolt 12 Nm (1.2 kg-m, 0.9 ft-lb)

Step sequence (numerals or letters)

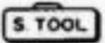
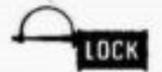
Part name

Number of parts

Extra notes or precautions related to the service procedure

# 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.

	<p>Replace the part(s) with new one(s) before assembly.</p>
	<p>Use special tool.</p>
	<p>Use optional tool. Use the same procedure you use to order parts.</p>
 <p>10 (1.0, 7.2)</p>	<p>Torque specification      10 N·m (1.0 kg-m, 7.2 ft-lb).</p>
	<p>Use recommended engine oil, unless otherwise specified.</p>
	<p>Use molybdenum oil solution (mixture of engine oil and molybdenum grease in a ratio of 1:1).</p>
	<p>Use multi-purpose grease (Lithium based multi-purpose grease NLGI #2 or equivalent).</p>
	<p>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</p>
	<p>Use molybdenum disulfide paste (containing more than 40% molybdenum disulfide, NLGI #2 or equivalent).          Example: Molykote® G-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</p>
	<p>Use silicone grease.</p>
	<p>Apply a locking agent. Use a middle strength locking agent unless otherwise specified.</p>
	<p>Apply sealant.</p>
	<p>Use brake fluid, DOT 3 or DOT 4. Use the recommended brake fluid, unless otherwise specified.</p>
	<p>Use Fork or Suspension Fluid.</p>

# 1. General Information

1

General Safety	1-1	Tools	1-17
Model Identification	1-3	Lubrication & Seal Points	1-19
Specifications	1-4	Cable & Harness Routing	1-21
Torque Values	1-14		

## 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/Transmission Oil

#### ▲ WARNING

- Used engine oil (or transmission oil in two-strokes) 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.

#### ▲ 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.

### 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.

If it contacts your skin, wash the affected areas immediately with soap and water. If it contacts your eyes, flush them thoroughly with fresh water and get immediate medical attention. If it is swallowed, the victim must be forced to vomit then rinse mouth and throat with fresh water before obtaining medical attention. Because of these dangers, always store coolant in a safe place, away from the reach of children.

### Nitrogen Pressure

For shock absorbers with a gas-filled reservoir:

#### ⚠ WARNING

- Use only nitrogen to pressurize the shock absorber. The use of an unstable gas can cause a fire or explosion resulting in serious injury.
- The shock absorber contains nitrogen under high pressure. Allowing fire or heat near the shock absorber could lead to an explosion that could result in serious injury.
- Failure to release the pressure from a shock absorber before disposing of it may lead to a possible explosion and serious injury if it is heated or pierced.

To prevent the possibility of an explosion, release the nitrogen by pressing the valve core. Then remove the valve stem from the shock absorber reservoir.

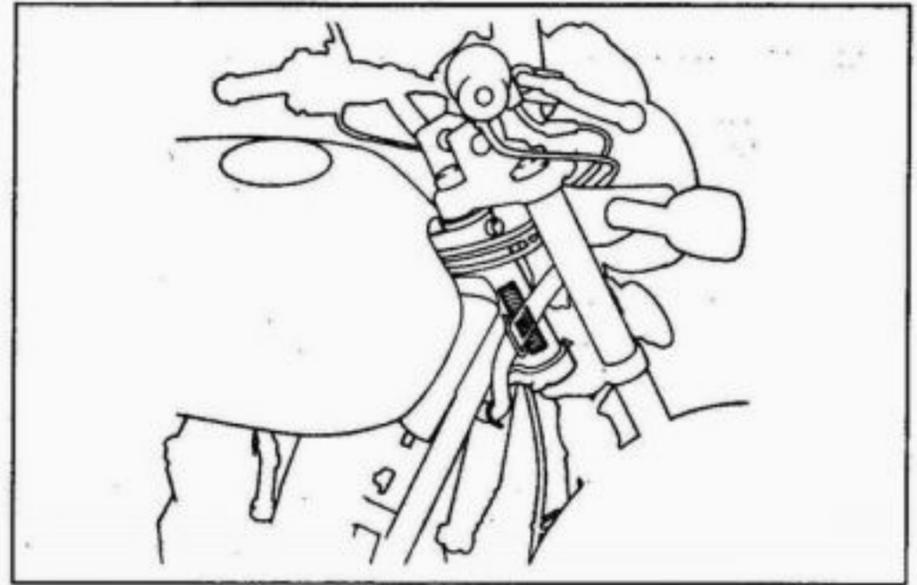
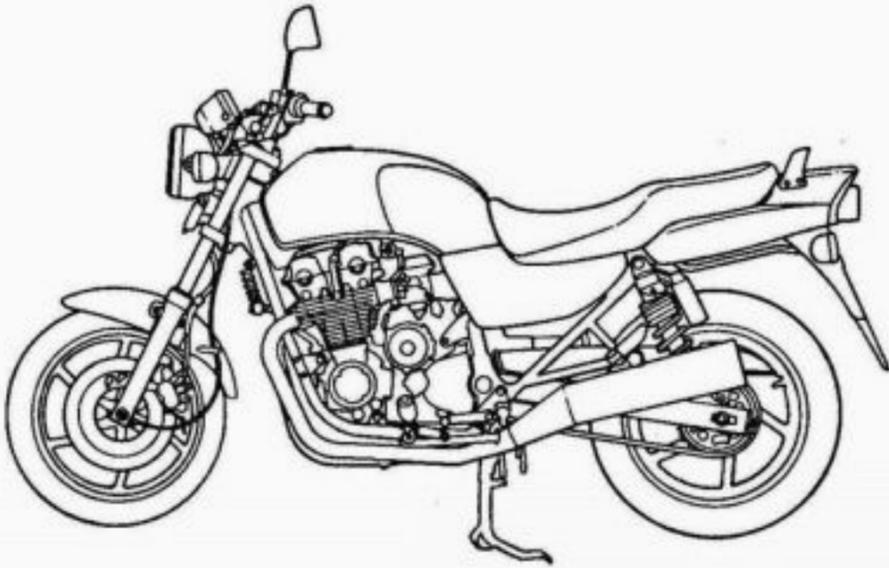
Before disposal of the shock absorber, release the nitrogen by pressing the valve core. Then remove the valve stem from the shock absorber.

### Battery Hydrogen Gas & Electrolyte

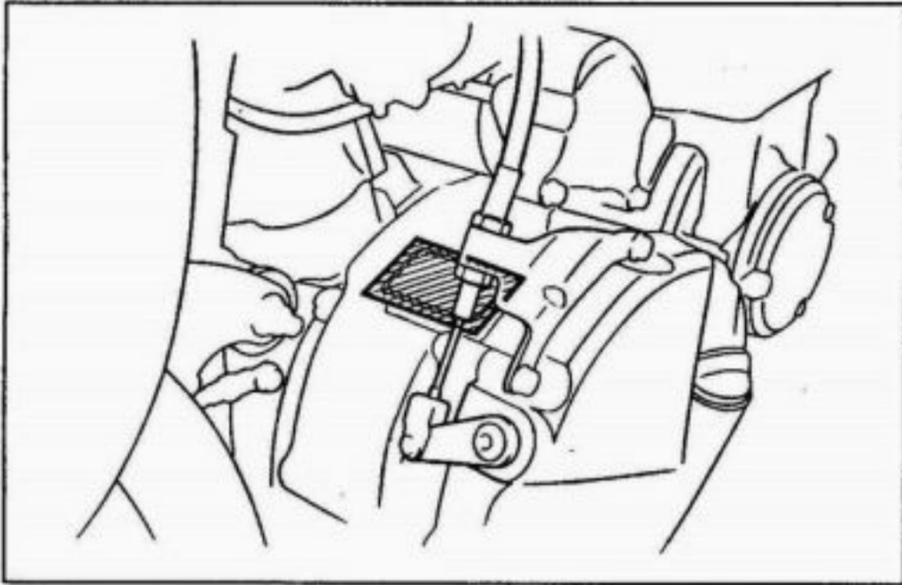
#### ⚠ WARNING

- 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.
- 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.**

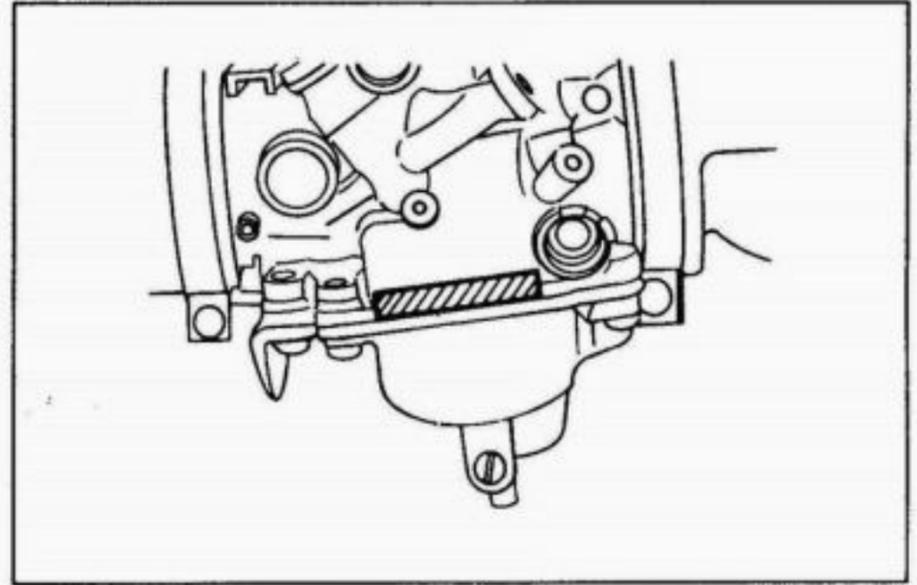
## Model Identification



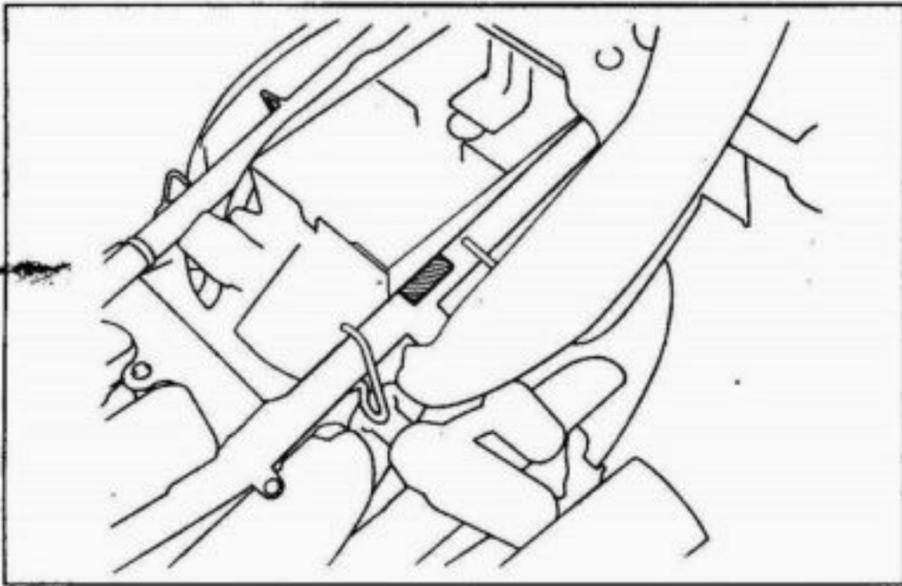
(1) The frame serial number is stamped on the right side of the steering head.



(2) The engine serial number is stamped on the upper right of the crankcase.

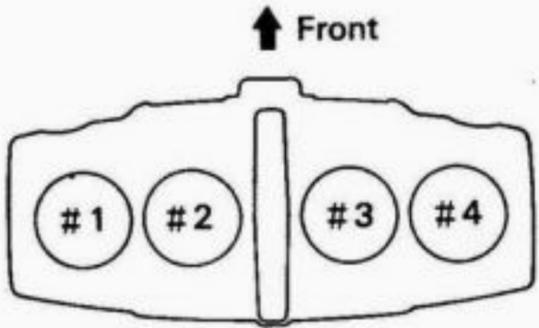


(3) The carburetor identification number is stamped on the left side of the carburetor body.



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

## Specifications

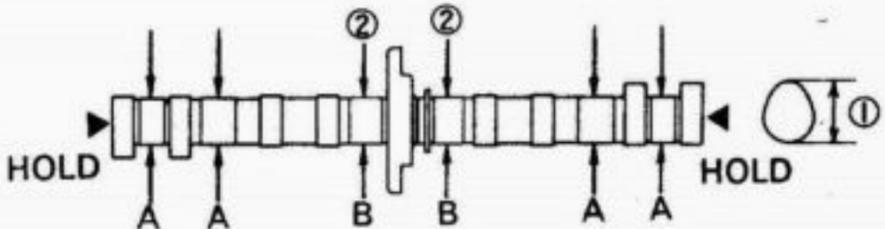
General		Item	Specifications
Dimensions	Overall length	G, AR, SW E, F, ED, SP, U	2,220 mm (87.4 in)
	Overall width		2,155 mm (84.8 in)
	Overall height		780 mm (30.7 in)
	Wheelbase		1,100 mm (43.3 in)
	Seat height		1,495 mm (58.9 in)
	Footpeg height		795 mm (31.3 in)
	Ground clearance		338 mm (13.3 in)
	Dry weight		130 mm (5.1 in)
	Curb weight		215 kg (474 lbs)
	Maximum weight capacity		235 kg (518 lbs)
			190 kg (419 lbs)
Frame	Frame type		Double cradle
	Front suspension		Telescopic fork
	Front wheel travel		130 mm (5.1 in)
	Rear suspension		Swingarm
	Rear wheel travel		110 mm (4.3 in)
	Rear damper		Reserve-tank type
	Front tire size		120/70ZR17, 120/70R17 58V
	Rear tire size		150/70ZR17, 150/70R17 69V
	Tire brand (Bridgestone) FR/RR		—
	Tire brand (Dunlop) FR/RR		D202F/D202
	Tire brand (Yokohama) FR/RR		—
	Tire brand (Michelin) FR/RR		A89X/M89X
	Front brake		Hydraulic disc brake
	Rear brake		Hydraulic disc brake
	Caster angle		26°
Trail length		91 mm (3.6 in)	
Fuel tank capacity		20 lit. (5.3 US gal, 4.4 Imp gal)	
Fuel tank reserve capacity		3 lit. (3.2 US qt, 2.6 Imp qt)	
Engine	Bore and stroke		67.0×53.0 mm (2.6×2.1 in)
	Displacement		747 cc (45.6 cu-in)
	Compression ratio		9.3:1
	Valve train		Silent multi-link chain drive and DOHC with rocker arm
	Intake valve opens (at 1 mm lift)		0°BTDC
	Intake valve closes (at 1 mm lift)		35°ABDC
	Exhaust valve opens (at 1 mm lift)		30°BBDC
	Exhaust valve closes (at 1 mm lift)		-5°ATDC
	Lubrication system		Forced pressure and wet sump
	Oil pump type		Trochoid
	Cooling system		Air cooled
	Air filtration		Paper filter
	Crankshaft type		Unit-type
	Engine dry weight		82 kg (181 lbs)
	Firing order		1-2-4-3
	Cylinder arrangement		In-line four
	Cylinder number		
			

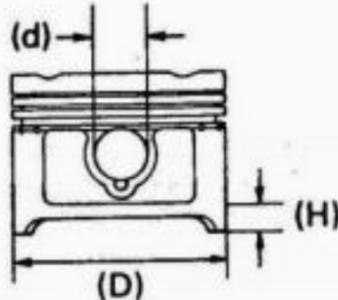
General (cont'd)		
	Item	Specifications
Carburetor	Carburetor type Throttle bore	Constant vacuum 4 carburetors 34 mm (1.3 in)
Drive Train	Clutch system Clutch operation system Transmission Primary reduction Secondary reduction Third reduction Final reduction Gear ratio 1st Gear ratio 2nd Gear ratio 3rd Gear ratio 4th Gear ratio 5th Gear ratio 6th Gear ratio reverse Gearshift pattern	Multi-plate, wet Mechanical type 5 speeds 1.780 (73/41) — — 2.667 (40/15) 3.000 (42/14) 2.056 (37/18) 1.545 (34/22) 1.240 (31/25) 1.074 (29/27) — — Left foot operated return system 1-N-2-3-4-5
Electrical	Ignition system Starting system Charging system Regulator/rectifier type Lighting system AC regulator type	Full transistor ignition Starter motor Triple phase output alternator Field control/triple phase full-wave rectification Battery —

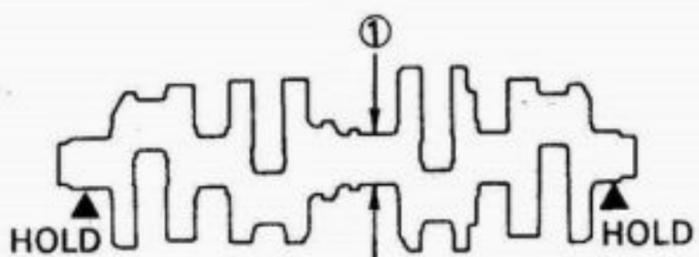
Lubrication		Standard	Service Limit
<p>Engne oil capacity at draining at disassembly at oil filter change</p> <p>Recommended engine oil</p> <p><b>OIL VISCOSITIES</b></p> <p>Oil pressure (80°C/176°F)</p> <p>Oil pump rotor tip clearance ① body clearance ② end clearance ③</p>	<p>2.8 lit. (2.9 US qt, 2.5 Imp qt) 3.8 lit. (4.0 US qt, 3.3 Imp qt) 3.0 lit. (3.2 US qt, 2.6 Imp qt)</p> <p>Use Honda 4-stroke Oil or equivalent API Service Classification: SE, SF or SG Viscosity: SAE 10W-40</p> <p>Other viscosities shown in the chart may be used when the average temperature in your riding area is within the indicated range.</p> <p>630 kPa (6.3 kg/cm<sup>2</sup>, 90 psi) at 6,000 min<sup>-1</sup> (rpm)</p> <p>0.10 (0.004) 0.15-0.22 (0.006-0.009) 0.02-0.07 (0.001-0.003)</p>	<p>— — —</p> <p>—</p> <p>0.20 (0.008) 0.35 (0.014) 0.10 (0.004)</p>	

Fuel System		Standard	Service Limit
Carburetor identification number	E, F, ED, SP, U AR G I G II G III SW	VE66E VE66G VE66H VE66J VE66L VE66K	— — — — — —
Main jet	(High altitude) (2, 3) E, F, ED, SP, U, AR, G G II, G III (1, 4) E, F, ED, SP, U, AR, G G II, G III (Front) (Rear)	— — #112 #110 #110 #108 — —	— — — — — — —
Slow jet		#35	—
Jet needle clip position		—	—
Pilot screw initial opening	E, F, ED, SP, U, G AR SW	2 turns out 2-1/4 turns out 2-3/4 turns out	— — —
Pilot screw high altitude adjustment		—	—
Air screw initial opening		—	—
Air screw high altitude adjustment		—	—
Float level		18.5 (0.73)	—
Carburetor vacuum difference		Within 30 mmHg (1.3 inHg)	—
Base carburetor (For carburetor synchronization)		No.2 carburetor	—
Idle speed	SW	1,200 ± 100 min <sup>-1</sup> (rpm) 1,200 ± 50 min <sup>-1</sup> (rpm)	— —
Throttle grip free play		2-6 (1/8-1/4)	—
Accelerator pump clearance		—	—
Secondary air supply system (SW and AR type)		Reed valves and AICV	—
Air injection control valve vacuum pressure	SW AR	350 mmHg (13.8 inHg) 300 mmHg (11.8 inHg)	— —

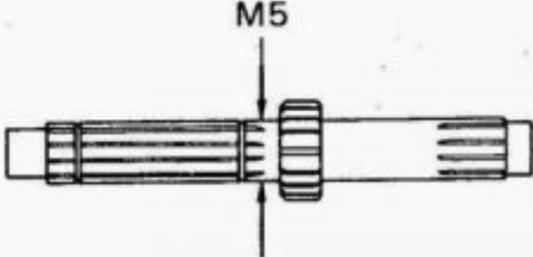
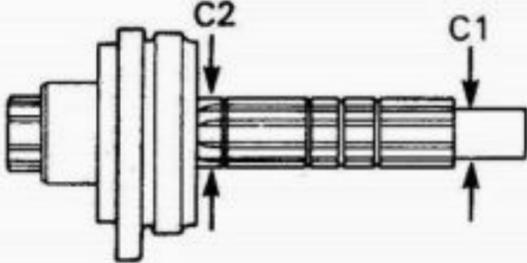
Unit: mm (in)

Cylinder Head	Item	Standard	Service Limit
	Cylinder compression	981-1373 kPa (10.0-14.0 kg/cm <sup>2</sup> , 142-199 psi)/250 min <sup>-1</sup> (rpm)	—
	Cylinder compression synchronization difference	—	392kPa (4.0kg/cm <sup>2</sup> , 57psi)
	Valve clearance IN	—	—
	EX	—	—
	Cylinder head warpage	—	0.10 (0.004)
	Cam lobe height ① IN	32.252-32.412 (1.2697-1.2760)	32.17 (1.266)
	IN (California model)	32.252-32.412 (1.2697-1.2760)	32.17 (1.266)
	EX	32.136-32.296 (1.2651-1.2714)	3.05 (0.907)
	EX (California model)	32.136-32.296 (1.2651-1.2714)	32.05 (0.907)
	Camshaft runout ②	—	0.10 (0.004)
	Camshaft oil clearance A	0.020-0.062 (0.0007-0.0024)	0.09 (0.003)
	B	0.055-0.097 (0.0021-0.0038)	0.12 (0.004)
			
	Camshaft journal O.D. (A)	25.959-25.980 (1.0220-1.0228)	—
	(B)	25.929-25.950 (1.0208-1.0216)	—
	Camshaft holder I.D. (A)	26.000-26.033 (1.0236-1.0249)	—
	(B)	26.010-26.031 (1.0240-1.0248)	—
	Valve stem O.D. IN	4.975-4.990 (0.1959-0.1965)	4.97 (0.195)
	EX	4.955-4.970 (0.1951-0.1957)	4.94 (0.194)
	Valve guide I.D. IN	5.000-5.012 (0.1969-0.1973)	5.04 (0.198)
	EX	5.000-5.012 (0.1969-0.1973)	5.04 (0.198)
	Stem-to-guide clearance IN	0.010-0.037 (0.0006-0.0017)	0.07 (0.003)
	EX	0.030-0.057 (0.0012-0.0022)	0.09 (0.004)
	Valve guide projection above cylinder head IN	—	—
	EX	—	—
	Before guide installation:		
	1. Chill the valve guides in the freezer section of a refrigerator for about an hour.		
	2. Heat the cylinder head to 100-150°C (212-300°F)		
	Valve seat width	0.9-1.1	1.5 (0.06)
	Valve spring free length IN	43.7 (1.720)	42.2 (1.66)
	EX	43.7 (1.720)	42.2 (1.66)
	inner IN	—	—
	inner EX	—	—
	outer IN	—	—
	outer EX	—	—
	Rocker arm I.D. IN	—	—
	EX	—	—
	Sub-rocker arm I.D. IN	—	—
	EX	—	—
	Rocker arm shaft O.D. IN	—	—
	EX	—	—
	Sub-rocker arm shaft O.D. IN	—	—
	EX	—	—
	Rocker arm-to-rocker arm shaft clearance	—	—
	Sub-rocker arm-to-rocker arm shaft clearance	—	—
	Valve lifter O.D.	—	—
	Valve lifter bore I.D.	—	—
	Hydraulic lash adjuster assist spring free length	—	—
	Hydraulic lash adjuster compression stroke with kerosene	0-0.2 (0-0.008)	—

Cylinder/Piston	Item	Standard	Service Limit
	Cylinder I.D.	67.000-67.010 (2.6378-2.6381)	67.10 (2.641)
	Cylinder out of round	—	0.05 (0.002)
	Cylinder taper	—	0.05 (0.002)
	Cylinder warpage	—	0.10 (0.004)
	Piston mark direction	"IN" mark facing (toward the intake side)	—
	Piston O.D. (D)	66.960-66.990 (2.636-2.637)	66.90 (2.634)
	Piston O.D. measurement point (H)	14 mm (0.55 in) from the bottom	—
	Piston pin hole I.D. (d)	17.002-17.008 (0.6694-0.6696)	17.05 (0.671)
			
	Cylinder-to-piston clearance	0.010-0.050 (0.0003-0.0019)	0.10 (0.004)
	Piston pin O.D.	16.994-17.000 (0.6691-0.6693)	16.98 (0.669)
	Piston-to-piston pin clearance	0.002-0.014 (0.0001-0.0006)	0.04 (0.002)
	Connecting rod-to-piston pin clearance	0.016-0.040 (0.0004-0.0020)	0.06 (0.002)
	Top ring-to-ring groove clearance	0.015-0.045 (0.0006-0.0018)	0.06 (0.002)
	Second ring-to-ring groove clearance	0.015-0.045 (0.0006-0.0018)	0.06 (0.002)
	Top ring end gap	0.15-0.30 (0.006-0.012)	0.5 (0.019)
	Second ring end gap	0.30-0.45 (0.012-0.018)	0.65 (0.025)
	Oil ring (side rail) end gap	0.20-0.70 (0.008-0.028)	0.9 (0.035)
	Top ring mark	"M" Mark side facing up	—
	Second ring mark	"RN" Mark side facing up	—

Crankshaft	Item	Standard	Service Limit
	Connecting rod small end I.D.	17.016-17.034 (0.6699-0.6706)	17.07 (0.672)
	Connecting rod big end side clearance	0.05-0.20 (0.002-0.008)	0.3 (0.01)
	radial clearance	—	—
	Crankshaft runout ①	—	0.05 (0.002)
			
	Crankpin oil clearance	0.024-0.057 (0.0009-0.0022)	0.06 (0.002)
	Connecting rod bearing selection	See page 9-15	—
	Main journal oil clearance	0.020-0.054 (0.0007-0.0021)	0.06 (0.002)
	Main journal bearing selection	See page 9-14	—

Unit: mm (in)

Transmission	Item	Standard	Service Limit
	Transmission gear I.D. M5	28.000-28.021 (1.1024-1.1032)	28.04 (1.104)
	C1	24.000-24.021 (0.9449-0.9457)	24.04 (0.946)
	C2, 3, 4	31.000-31.025 (1.2205-1.2215)	31.04 (1.222)
	Transmission gear bushing O.D. M5	27.959-27.980 (1.1007-1.1016)	27.94 (1.100)
	C2, 3, 4	30.950-30.975 (1.2185-1.2195)	30.93 (1.222)
	Transmission gear bushing I.D. M5	24.985-25.006 (0.9837-0.9845)	25.03 (0.985)
	C2	27.985-28.006 (1.1018-1.1026)	28.03 (1.104)
	Gear-to-bushing clearance at M5 gear	0.020-0.062 (0.0008-0.0024)	0.10 (0.004)
	C2, 3, 4	0.025-0.075 (0.0010-0.0030)	0.11 (0.004)
	Mainshaft O.D. at M5 gear	24.959-24.980 (0.9826-0.9835)	24.94 (0.982)
			
	Countershaft O.D. at C1 gear	19.987-20.000 (0.7869-0.7874)	19.97 (0.786)
	C2 gear	27.967-27.980 (1.1011-1.1016)	27.94 (1.100)
			
	Gear-to-shaft clearance	—	—
	Gear bushing-to-shaft clearance at M5 gear	0.005-0.047 (0.0002-0.0019)	0.08 (0.003)
	C2	0.005-0.039 (0.0002-0.0015)	0.08 (0.003)
	Shift fork claw thickness (L)	6.43-6.50 (0.253-0.256)	6.1 (0.24)
	(C)	6.43-6.50 (0.253-0.256)	6.1 (0.24)
	(R)	6.43-6.50 (0.253-0.256)	6.1 (0.24)
	Shift fork I.D. (L)	14.000-14.021 (0.5512-0.5520)	14.04 (0.553)
	(C)	—	—
	(R)	14.000-14.021 (0.5512-0.5520)	14.04 (0.553)
	Shift fork shaft O.D.	13.966-13.984 (0.5498-0.5505)	13.90 (0.547)

<b>Clutch System</b>		
Item	Standard	Service Limit
Clutch lever free play	10-20 (3/8-3/4)	_____
Recommended clutch fluid	_____	_____
Clutch master cylinder I.D.	_____	_____
Clutch master piston O.D.	_____	_____
Clutch outer I.D.	_____	_____
Clutch outer guide O.D.	_____	_____
I.D.	24.995-25.012 (0.9841-0.9847)	25.08 (0.987)
Mainshaft O.D. at clutch outer guide	_____	_____
Clutch spring free height	_____	_____
Clutch spring free length	_____	_____
Clutch disc thickness	_____	_____
Clutch disc thickness (A)	3.22-3.38 (0.127-0.133)	2.90 (0.11)
(B)	3.22-3.38 (0.127-0.133)	2.90 (0.11)
(C)	3.42-3.58 (0.135-0.141)	3.20 (0.12)
Clutch plate warpage	_____	0.3 (0.01)
Centrifugal clutch drum I.D.	_____	_____
bushing O.D.	_____	_____
Centrifugal clutch center guide I.D.	_____	_____
O.D.	_____	_____
Centrifugal clutch center guide collar height	_____	_____
Centrifugal clutch weight lining thickness	_____	_____
Centrifugal clutch spring free length	_____	_____
Clutch lining thickness	_____	_____
Crankshaft O.D. at clutch center	_____	_____

<b>Cooling System</b>		
Coolant capacity (Radiator and engine)	_____	_____
(Reserve tank)	_____	_____
Radiator cap relief pressure	_____	_____
Thermostat begins to open	_____	_____
Thermostat fully open	_____	_____
Thermostat valve lift	_____	_____

<b>Drive Train</b>		
Recommended final drive oil	_____	_____
Final drive gear oil capacity at disassembly	_____	_____
at draining	_____	_____
Final drive gear backlash	_____	_____
Final drive gear backlash difference between measurement	_____	_____
Ring gear-to-stop pin clearance (A)	_____	_____
Stop pin shim	_____	_____
Ring gear spacer	_____	_____
Pinion spacer	_____	_____
Final drive gear assembly preload	_____	_____
Output gear backlash	_____	_____
Output gear I.D.	_____	_____
Output gear bushing O.D.	_____	_____
I.D.	_____	_____
Output drive shaft O.D.	_____	_____
Output gear damper spring free length	_____	_____
Output shaft adjustment shim	_____	_____
Countershaft drive shaft adjustment shim	_____	_____

Unit: mm (in)

Wheels/Tires		Standard	Service Limit
Item			
Minimum tire tread depth (FR)		_____	1.5 (0.06)
	(RR)	_____	2.0 (0.08)
Cold tire pressure	Driver only (FR)	250 kPa (2.50 kg/cm <sup>2</sup> , 36 psi)	_____
	Driver only (RR)	250 kPa (2.50 kg/cm <sup>2</sup> , 36 psi)	_____
	Driver and passenger (FR)	250 kPa (2.50 kg/cm <sup>2</sup> , 36 psi)	_____
	Driver and passenger (RR)	290 kPa (2.90 kg/cm <sup>2</sup> , 42 psi)	_____
Front and rear axle runout		_____	0.2 (0.008)
Front and rear wheel rim runout	(Radial)	_____	2.0 (0.08)
	(Axial)	_____	2.0 (0.08)
Front wheel hub-to-rim distance		_____	_____
Front wheel hub standard surface		_____	_____
Rear wheel hub-to-rim distance		_____	_____
Rear wheel hub standard surface		_____	_____
Wheel balance weight (Front)		_____	60 g (2.1 oz)
	(Rear)	_____	60 g (2.1 oz)
Drive chain slack		30-40 (1.18-1.57)	_____
Drive chain size/link (DID)		DID 525 V9/112	_____
	(RK)	RK 525 SM4/112	_____

Front Suspension		Standard	Service Limit
Fork spring free length		270.8 (10.66)	265.4 (10.45)
Fork spring free length A		_____	_____
	B	_____	_____
Fork spring direction		Tapered coil end facing down	_____
Fork tube runout		_____	0.2 (0.01)
Recommended fork oil		Fork fluid	_____
Fork oil level		110 (4.33)	_____
Fork oil level (R)		_____	_____
	(L)	_____	_____
Fork oil capacity		482cm <sup>3</sup> (16.30 US oz, 16.91 Imp oz)	_____
Fork oil capacity (R)		_____	_____
	(L)	_____	_____
Fork air pressure		_____	_____
Steering bearing preload		1.0-1.5 kg (2.2-3.3 lb)	_____

Rear Suspension		Standard	Service Limit
Shock absorber spring free length		252.7 (9.95)	247.7 (9.75)
Shock absorber spring free length (A)		_____	_____
	(B)	_____	_____
Damper gas pressure		490 kPa (5 kg/cm <sup>2</sup> , 71.1 psi)	_____
Damper compressed gas		Nitrogen	_____
Damper rod compressed force at 10 mm compressed		6.5-10 kg	_____
Damper drilling point		see page 11-9	_____
Shock absorber spring installed length (Standard)		_____	_____
	(Adjustable range)	_____	_____
Shock absorber spring adjuster standard position		2nd groove	_____
Shock absorber spring direction		Tapered coil facing down	_____
Recommended shock absorber oil		_____	_____
Shock absorber oil capacity		_____	_____
air pressure		_____	_____



Ignition System		Standard	Service Limit
Item			
Spark plug (Standard NGK)		DPR8EA-9	—
(Standard NIPPONDENSO)		X24EPR-U9	—
(For extended high speed riding NGK)		DPR9EA-9	—
(For extended high speed riding NIPPONDENSO)		X27EPR-U9	—
Spark plug gap		0.8-0.9 mm (0.031-0.035 in)	—
Ignition timing "F" mark		10° BTDC	—
Advance start		10°/1,500 rpm	—
stop		33°/4,000 rpm	—
Full advance		33°/4,000 rpm	—
Alternator exciter coil resistance (At 20° C/68° F)		—	—
Ignition coil resistance (Primary: at 20° C/68° F)		2.6-3.2 Ω	—
(Secondary with plug cap)		18-22 kΩ	—
(Secondary without plug cap)		13-17 kΩ	—
Pulse generator resistance (At 20° C/68° F)		297-363 Ω	—

Lights/Meters/Switches		Standard	Service Limit
Main fuse		30A	—
Fuse	E, F, ED, SP, U, AR, SW	10A×2, 15A×1	—
	G	10A×3, 15A×1	—
Headlight (High/low beam)		12V60/55W (H4)	—
Tail/brake light		12V21/5W×2	—
License light		—	—
Position light bulb	E, F, ED, SP, AR, SW, G	12V 4W	—
Front turn signal/running light		—	—
Front turn signal light		12V 21W×2	—
Rear turn signal light		12V 21W×2	—
Instrument lights		12V 3.4W×2	—
Oil pressure warning indicator		12V 1.7W	—
Tail/brake light warning indicator		—	—
Side stand warning indicator		12V 1.7W	—
Lom fuel indicator		—	—
Coolant temperature indicator		—	—
Oil temperature indicator		—	—
High beam indicator		12V 1.7W	—
Turn signal indicator		12V 1.7W	—
Neutral indicator		12V 1.7W	—
Reverse indicator		—	—
Overdrive indicator		—	—
Oil temperature sensor resistance		—	—
Fuel unit resistance (At full level)		—	—
(At low level)		—	—
Fuel pump flow capacity (min./minute)		—	—
Coolant temperature sensor resistance (At 50° C/122° F)		—	—
(At 100° C/212° F)		—	—

Starting System		Standard	Service Limit
Starter driven gear O.D.		42.175-42.200 (1.6604-1.6614)	—
Starter clutch outer I.D.		—	—
Starter motor brush spring tension		920 g	—
brush length		12.5	8.5 (0.33)

## Torque Values

Standard			
Item	Torque N·m (kg-m, ft-lb)	Item	Torque N·m (kg-m, ft-lb)
5 mm hex bolt and nut	5 (0.5, 3.5)	5 mm screw	4 (0.4, 3)
6 mm hex bolt and nut	10 (1.0, 7.2)	6 mm screw	9 (0.9, 7)
8 mm hex bolt and nut	22 (2.2, 16)	6mm flange bolt (8 mm head)	10 (1.0, 7.2)
10 mm hex bolt and nut	35 (3.5, 25)	6mm flange bolt (10 mm head) and nut	12 (1.2, 9)
12 mm hex bolt and nut	55 (5.5, 40)	8 mm flange bolt and nut	27 (2.7, 20)
		10 mm flange bolt and nut	40 (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. Left hand threads.
  5. Stake.
  6. Apply oil to the threads and flange surface.
  7. Apply clean engine oil to the O-ring.
  8. Torque wrench scale reading using a special tool.
  9. Apply grease to the threads and flange surface.
  10. UBS bolt.
  11. U-nut.
  12. ALOC bolt; Replace with a new one.

Engine				
Item	Q'ty	Thread dia. (mm)	Torque N·m (kg-m, ft-lb)	Remarks
<b>Lubrication:</b>				
Oil drain bolt	1	12	35 (3.5, 25)	
Oil filter	1	20	10 (1.0, 7.2)	Note 7
Oil pump driven sprocket bolt	1	6	12 (1.2, 9)	
Oil pipe bolt	2	8	13 (1.3, 9)	
Oil pipe bolt	2	10	22 (2.2, 16)	
Oil chamber cover bolt	2	10	12 (1.2, 9)	Note 2
Sealing bolt	6	20	30 (3.0, 22)	Note 1
Air separator cover bolt	1	9	28 (2.8, 20)	
Oil pressure switch	1	PT 1/8	12 (1.2, 9)	Note 1
<b>Cylinder Head/Cylinder:</b>				
Cam sprocket bolt	4	7	19 (1.9, 14)	Note 2, 10
Cylinder head cap nut	12	9	2 (2.8, 20)	Note 3
Camshaft holder bolt	20	6	14 (1.4, 10)	
Cylinder head cover bolt	8	6	10 (1.0, 7.2)	
Head cover breather plate bolt	3	5	6 (0.6, 4.3)	Note 2
Cam chain tensioner mounting bolt	4	6	12 (1.2, 9)	
Spark plug	4	12	15 (1.5, 11)	
De-foaming chamber cover bolt	4	6	12 (1.2, 9)	Note 2
<b>Clutch/Gearshift Linkage</b>				
Change cover cap	1	24	8 (0.8, 5.8)	
Clutch center lock nut	1	22	110 (11.0, 80)	Note 5
Shift drum stopper arm bolt	1	6	12 (1.2, 9)	
Shift return spring pin bolt	1	8	23 (2.3, 17)	
Gearshift spindle joint bolt	1	6	14 (1.4, 10)	
Gearshift pedal mounting bolt	1	8	27 (2.7, 20)	

<b>Engine</b>				
Item	Q'ty	Thread dia. (mm)	Torque N·m (kg-m, ft-lb)	Remarks
<b>Crankcase/Crankshaft</b>				
Crankcase bolt	14	8	23 (2.3, 17)	
Crankcase bolt	16	6	12 (1.2, 9)	
Alternator rotor bolt	1	10	34 (3.4, 25)	
Alternator cover bolt	3	6	11 (1.1, 8)	
Crankcase breather plate bolt	3	6	12 (1.2, 9)	Note 2
Connecting rod nut	8	8	32 (3.2, 23)	Note 3
Countershaft bearing cover bolt	3	8	23 (2.3, 17)	Note 2
Shift fork bolt (M)	1	7	18 (1.8, 13)	
Alternator shaft nut	1	10	34 (3.4, 25)	
Pulse rotor bolt	1	10	35 (3.5, 25)	
Alternator drive chain tensioner bolt	3	6	12 (1.2, 9)	Note 2
Alternator drive chain slipper bolt	1	6	12 (1.2, 9)	Note 2
Alternator drive chain slipper pin bolt	1	6	12 (1.2, 9)	Note 2
Drive sprocket bolt	1	10	40 (40, 29)	

<b>Frame</b>				
Item	Q'ty	Thread dia. (mm)	Torque N·m (kg-m, ft-lb)	Remarks
<b>Lubrication:</b>				
Oil cooler mounting bolt	2	6	7 (0.7, 5.1)	
<b>Fuel Systems:</b>				
Tank cap screw	2	4	0.03 (0.3, 2.2)	
Fuel valve nut	1	20	23 (2.3, 17)	
Fuel tank mounting bolt	1	8	27 (2.7, 20)	
Air cleaner case mounting bolt	4	6	12 (1.2, 9)	
Breather tank mounting bolt	2	6	12 (1.2, 9)	
<b>Front Suspension:</b>				
Steering stem nut	1	24	105 (10.5, 76)	
Steering head bearing adjusting nut	1	26	28 (2.8, 20)	Note 6
Fork pinch bolt (upper)	2	8	22 (2.2, 16)	
Fork pinch bolt (lower)	2	10	50 (5.0, 36)	
Fork cap bolt	2	37	23 (2.3, 17)	
Fork socket bolt	2	8	20 (2.0, 14)	Note 2
Handlebar holder bolt	4	8	25 (2.5, 18)	
Fork drain bolt	2	6	7.5 (0.75, 5.4)	
Handlebar weight mounting screw	2	6	9 (0.9, 6.5)	
Clutch lever holder bolt	2	6	9 (0.9, 6.5)	
Clutch lever pivot nut	1	6	6 (0.6, 4.3)	
<b>Rear Suspension:</b>				
Swingarm pivot nut	1	14	89 (8.9, 65)	Note 9, 11
Absorber mounting bolt (upper)	2	8	27 (2.7, 20)	
Absorber mounting bolt (lower)	2	10	35 (3.5, 25)	
Drive chain adjuster lock nut	2	8	21 (2.1, 15)	
<b>Wheels:</b>				
Front axle bolt	1	14	59 (5.9, 43)	
Front axle pinch bolt	4	8	21 (2.1, 15)	
Rear axle nut	1	16	89 (8.9, 65)	Note 11
Driven sprocket nut	5	12	98 (9.8, 72)	Note 6, 11

**General Information**

Frame	Item	Q'ty	Thread dia. (mm)	Torque N·m (kg-m, ft-lb)	Remarks
<b>Brake:</b>					
	Brake pedal pinch bolt	1	8	27 (2.7, 20)	Note 12
	Front caliper bracket bolt	4	8	31 (3.1, 22)	Note 12
	Rear caliper bracket bolt	1	8	23 (2.3, 17)	
	Brake hose bolt	7	10	35 (3.5, 25)	
	Rear brake hose mounting bolt	2	6	9 (0.9, 6.5)	Note 2
	Brake lever pivot nut	1	6	6 (0.6, 4.3)	
	Brake caliper bleed valve	3	8	5.5 (0.55, 4.0)	
	Pad pin plug	3	10	2.5 (0.25, 1.8)	
	Pad pin	3	10	18 (1.8, 13)	
	Front caliper pin bolt	2	8	23 (2.3, 17)	Note 2
	Front caliper bracket pin bolt	2	8	13 (1.3, 9)	Note 2
	Rear caliper pin bolt	1	12	28 (2.8, 20)	
	Front master cylinder holder bolt	2	6	12 (1.2, 9)	
	Rear master cylinder mounting bolt	2	6	9 (0.9, 6.5)	
	Rear reservoir tank mounting bolt	2	6	12 (1.2, 9)	
	Reservoir hose joint mounting screw	1	4	1.5 (0.15, 1.1)	Note 2
	Master cylinder push rod lock nut	1	8	18 (1.8, 13)	
	Front brake disc bolt	12	8	42 (4.2, 30)	Note 12
	Rear brake disc bolt	4	8	42 (4.2, 30)	Note 12
<b>Frame/Exhaust Systems:</b>					
	Ignition switch mounting bolt	2	8	25 (2.5, 18)	
	Exhaust pipe joint nut	8	7	20 (2.0, 14)	
	Exhaust pipe band bolt	2	8	27 (2.7, 20)	
	Muffler center mounting bolt	1	8	27 (2.7, 20)	
	Muffler center stay mounting bolt	2	10	40 (4.0, 29)	
	Muffler mounting bolt	2	10	40 (4.0, 29)	
	Exhaust pipe cover mounting bolt	6	6	9 (0.9, 6.5)	
	Side stand pivot bolt	1	10	10 (1.0, 7.2)	
	Side stand pivot nut	1	10	40 (4.0, 29)	Note 11
	Center stand pivot bolt	2	10	40 (4.0, 29)	
	Side stand switch mounting bolt	1	6	10 (1.0, 7.2)	Note 12
	Front fender mounting bolt	4	2	12 (1.2, 9)	
	Rear fender mounting bolt	2	2	12 (1.2, 9)	
	Turn signal mounting nut	4	12	55 (5.5, 40)	
	Grab rail mounting bolt	4	8	27 (2.7, 20)	
	Grab rail stay mounting bot	4	8	27 (2.7, 20)	
	Seat lock mounting bolt	1	6	12 (1.2, 9)	
	Headlight mounting bolt	2	8	27 (2.7, 20)	
	Horn mounting bolt	1	8	27 (2.7, 20)	
	Footpeg rubber mounting bolt	4	5	5 (0.5, 3.6)	
	Footpeg mounting bolt	4	8	27 (2.7, 20)	
	Engine front mounting bolt	1	10	50 (5.0, 36)	
	Engine front bracket bolt	4	8	40 (4.0, 29)	
	Right engine lower bracket bolt	2	8	40 (4.0, 29)	
	Engine lower mounting bolt (Left)	1	10	60 (6.0, 43)	
	Engine lower mounting bolt (Right)	1	10	50 (5.0, 36)	
	Engine rear mounting bolt	1	10	50 (5.0, 36)	
	Engine rear bracket bolt	2	8	40 (4.0, 29)	



**General Information**

Description	Tool Number	Applicability
<b>Rear Wheel/Suspension:</b>		
Shock absorber compressor	07GME-0010000	
Spring compressor attachment	07959-MB10000	
Spring compressor attachment	07967-KC10100	
Driver	07749-0010000	
Attachment, 28×30 mm	07946-1870100	
Attachment, 42×47 mm	07746-0010300	
Pilot, 17 mm	07746-0040400	
Attachment, 32×35 mm	07746-0010100	
Pilot, 15 mm	07746-0040300	
Pilot, 20 mm	07746-0040500	
Pilot, 22 mm	07746-0041000	
Bearing remover head, 17 mm	07746-0050500	
Bearing remover shaft	07746-0050100	
Driver shaft	07946-MJ00100	
Needle bearing remover attachment	07GMD-KT70200	
Bearing remover, 15 mm	07936-KC10000	
– remover shaft, 15 mm	07936-KC10100	
– remover head, 15 mm	07936-KC10200	
– sliding weight	07741-0010201	
<b>Brake System:</b>		
Snap ring pliers	07914-3230001	
<b>Charging System/Alternator:</b>		
Flywheel puller	07933-2160000	
<b>Electrical Equipment:</b>		
Peak voltage adaptor or Imrie diagnostic tester	07HGJ-0020100 Model 625	
Digital multimeter (KOWA)	07411-0020000	
Analogue tester	07308-0020001 (SANWA) or TH-5H (KOWA)	

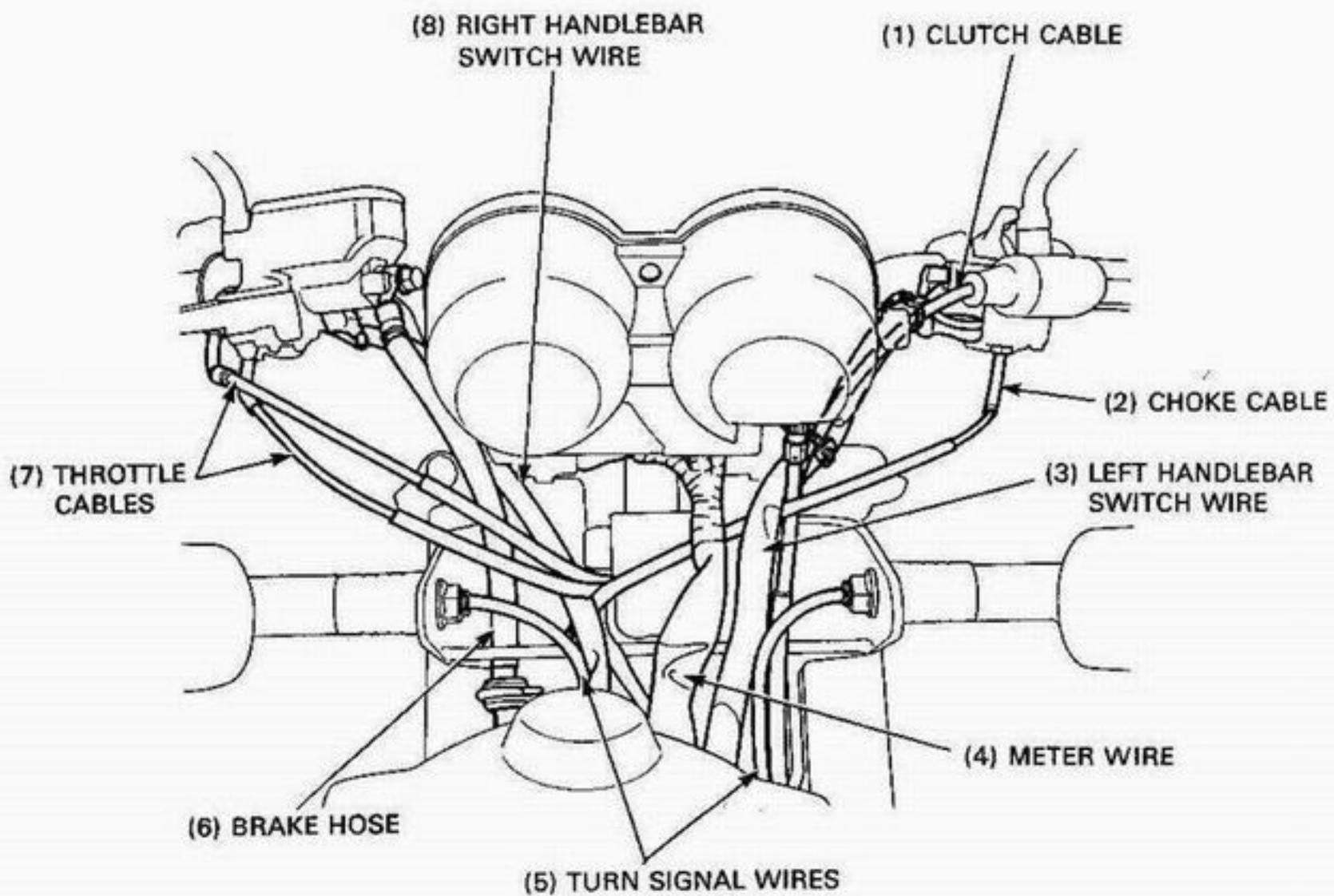
## Lubrication & Seal Points

Engine	Location	Material	Remarks
	Hydraulic tappet hole Camshaft holder de-foaming chamber Cam chain/alternator chain Transmission gear teeth and bushings Piston pin hole and outer surface Piston pin outer surface Each bearings Piston ring sliding surface Piston ring and ring groove Cylinder sliding surface Alternator shaft damper cam Clutch lifter Shift fork claw and pivot inner surface Shift drum O-rings Clutch discs	Engine oil	
	Rocker arm slipper surface and pivot inner surface Camshaft lobe and journal Connecting rod small end Valve stem (valve guide sliding surface) Valve guide (valve stem sliding surface) Transmission gear shift fork grooves Crankshaft bearing sliding surface Connecting rod bearing sliding surface Crankshaft thrust sliding surface Primary driven gear	Molybdenum disulfide oil (a mixture of 1/2 engine oil and 1/2 molybdenum disulfide grease)	
	Hydraulic tappet	Kerosene	
	Upper crankcase mating surface – countershaft bearing cover mating surface – clutch cover mating surface Cylinder head/cylinder head cover gasket surface	Liquid sealant	Do not apply sealant to the main journal bearings.

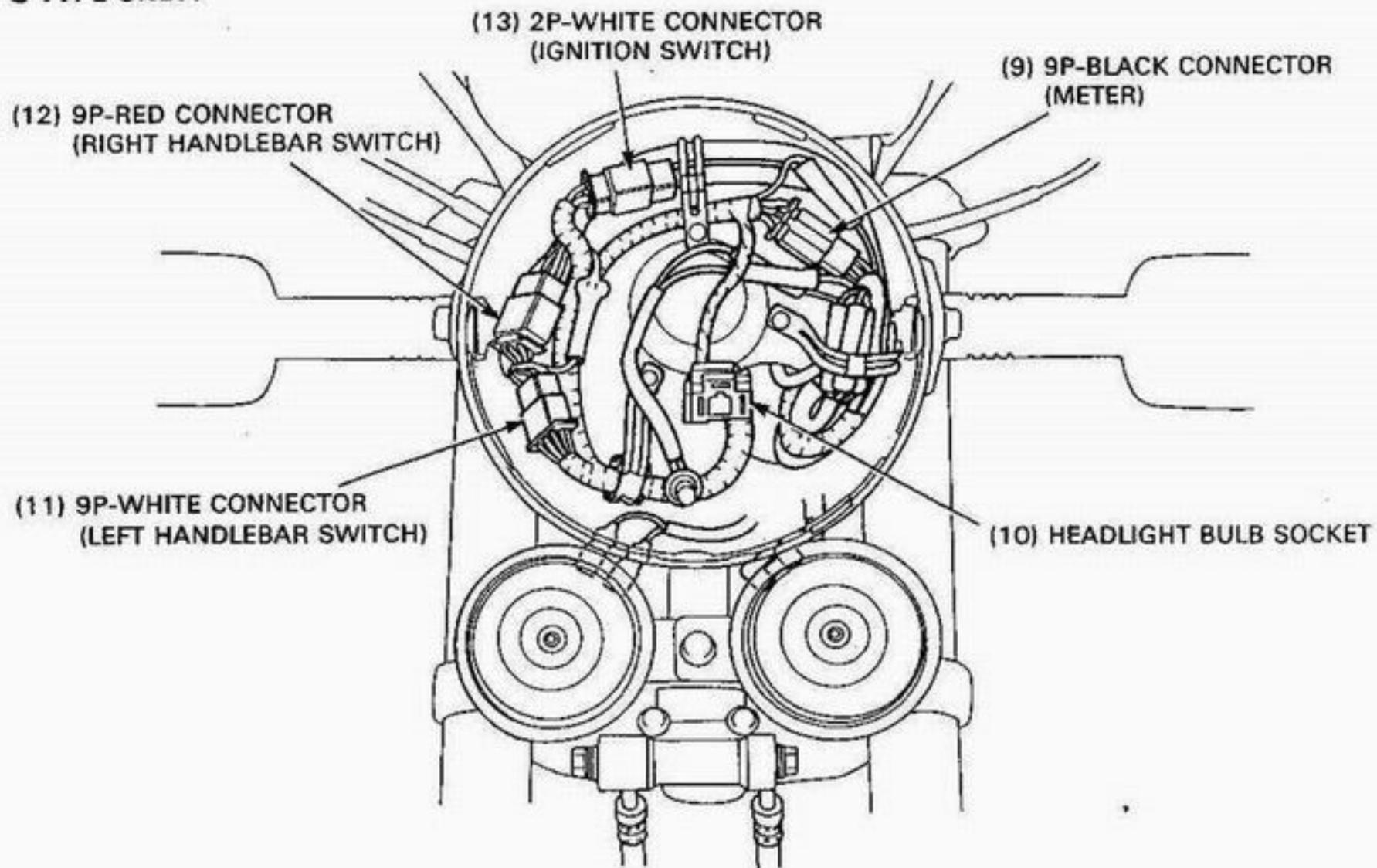
**General Information**

<b>Frame</b>	<b>Location</b>	<b>Material</b>	<b>Remarks</b>
	Steering stem bearing Wheel bearing dust seal lips Wheel axle outer surface Rear wheel and driven flange mating surface Handlebar (throttle grip sliding surface) Throttle cable ends Brake pedal pivot shaft Side stand pivot bolt outer surface Dust seal lips Speedometer gear Seat locking tab Swingarm pivot bearings Swingarm pivot bearing dust seal lips Swingarm pivot nut threads	Multi-purpose grease	Apply thin coat of grease
	Side reflector threads Caliper bracket pin bolt threads Caliper pin bolt threads	Locking agent	
	Fork cap O-ring Fork oil seal lips	Fork fluid	
	Handlebar grip	Honda Bond A or equivalent	
	Brake caliper seals Caliper-piston sliding surface Master cylinder piston caps Master cylinder-piston sliding surface	DOT 4 Brake fluid	
	Driven sprocket nuts threads Steering head bearing adjustment nut	Engine oil	
	Brake caliper pin bolts sliding surface Front brake master cylinder piston: lever contact area and boot inside Rear brake master cylinder piston: push rod contact area and boot inside	Silicone grease	

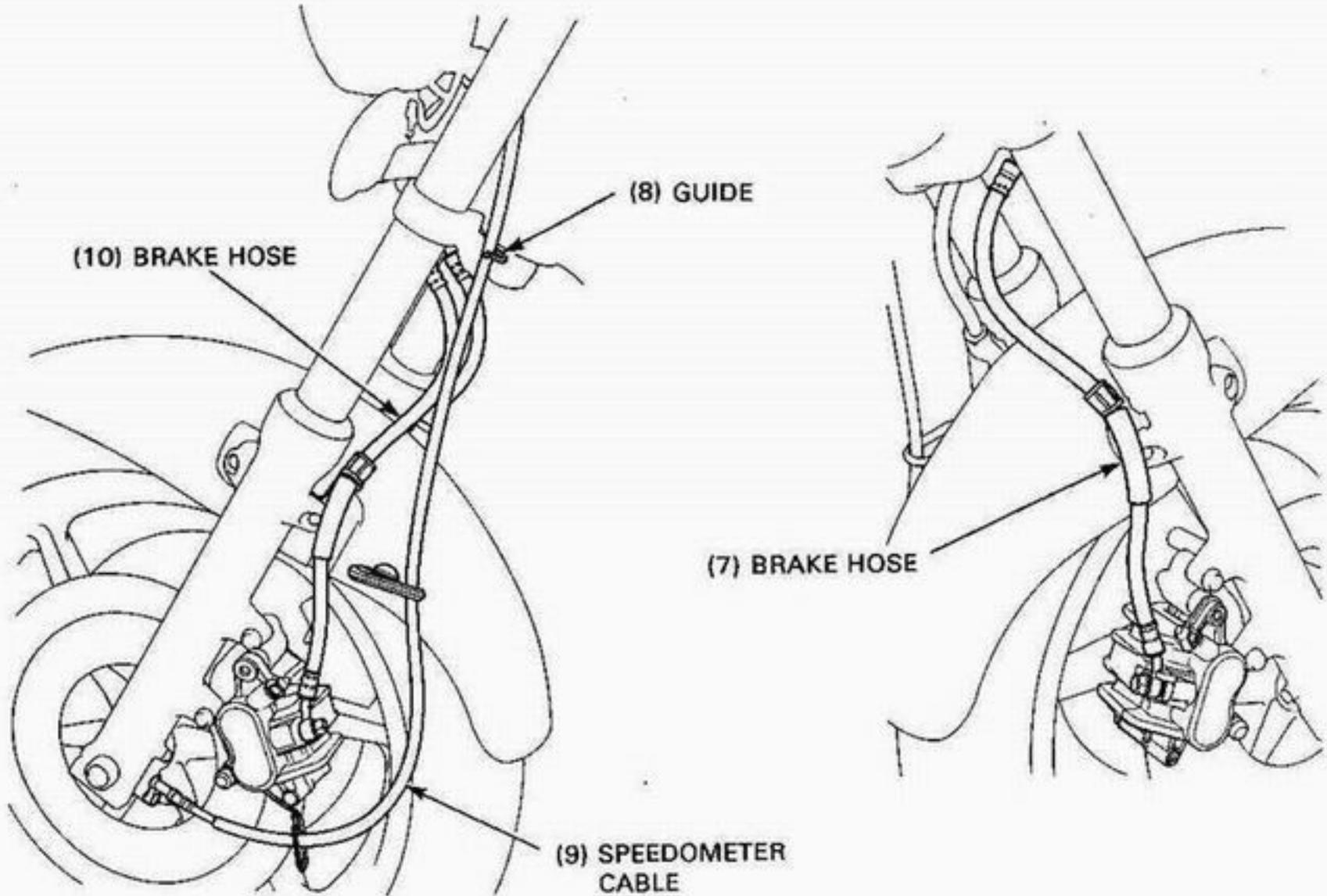
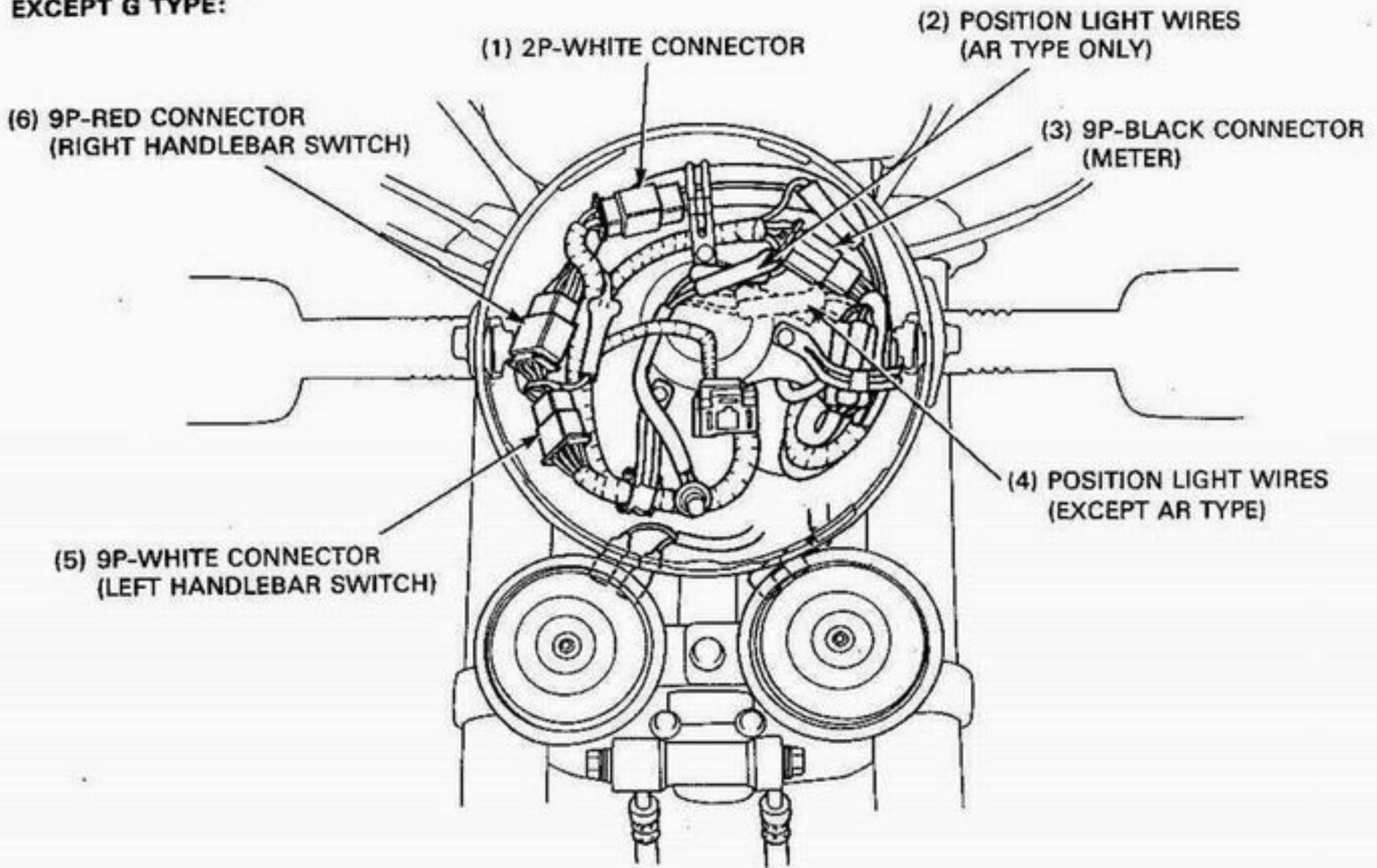
# Cable & Harness Routing

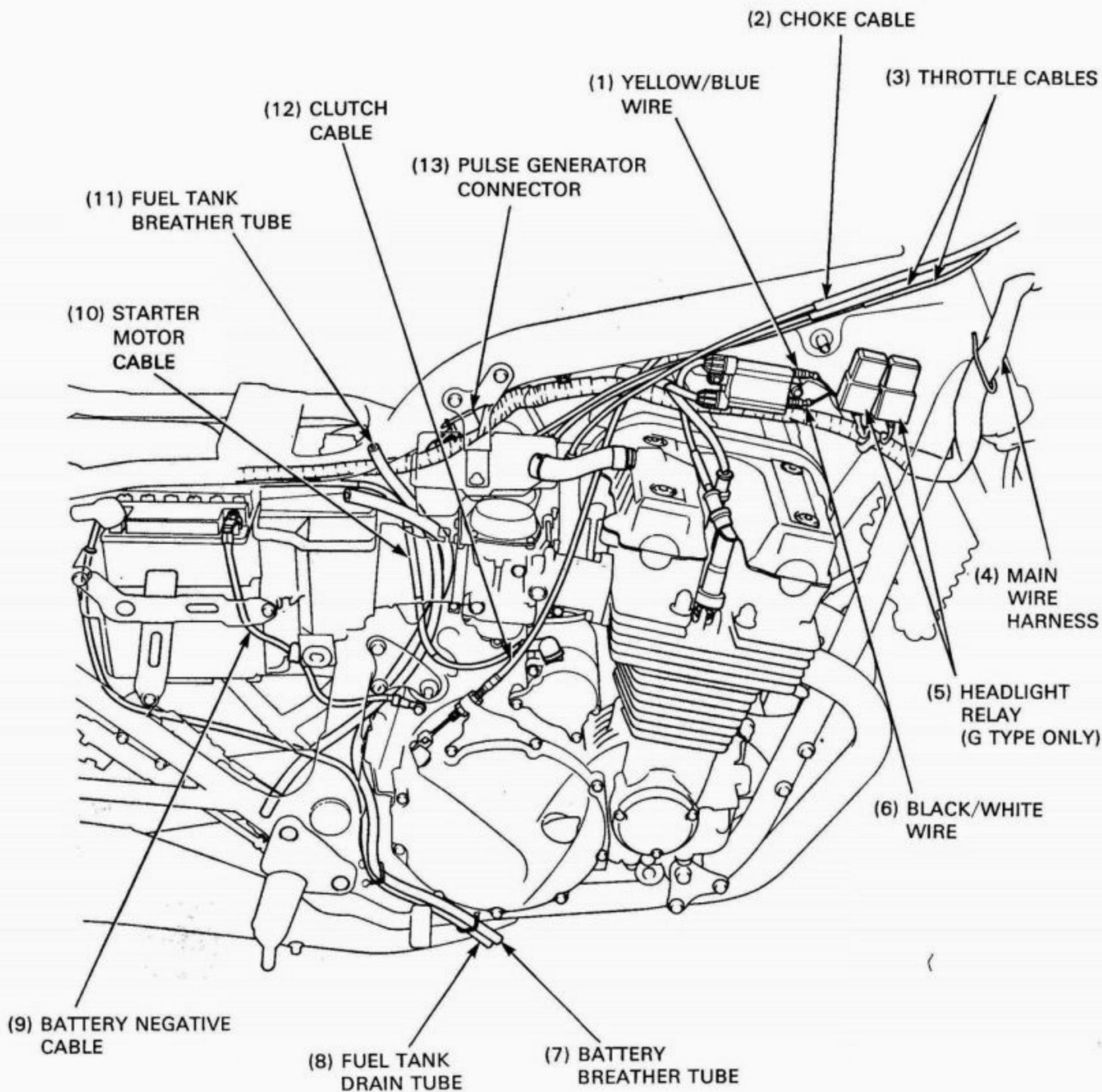


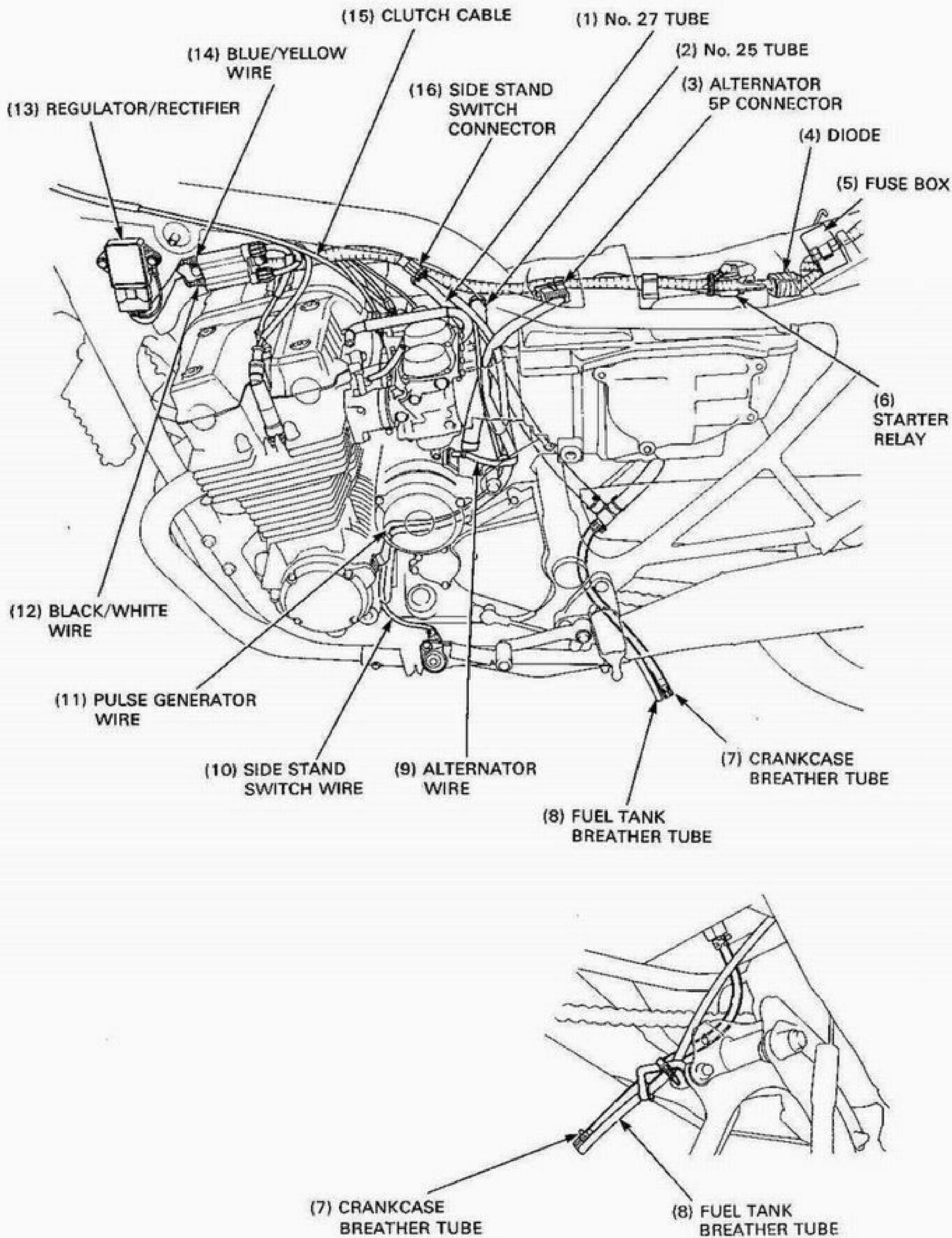
**G TYPE ONLY:**

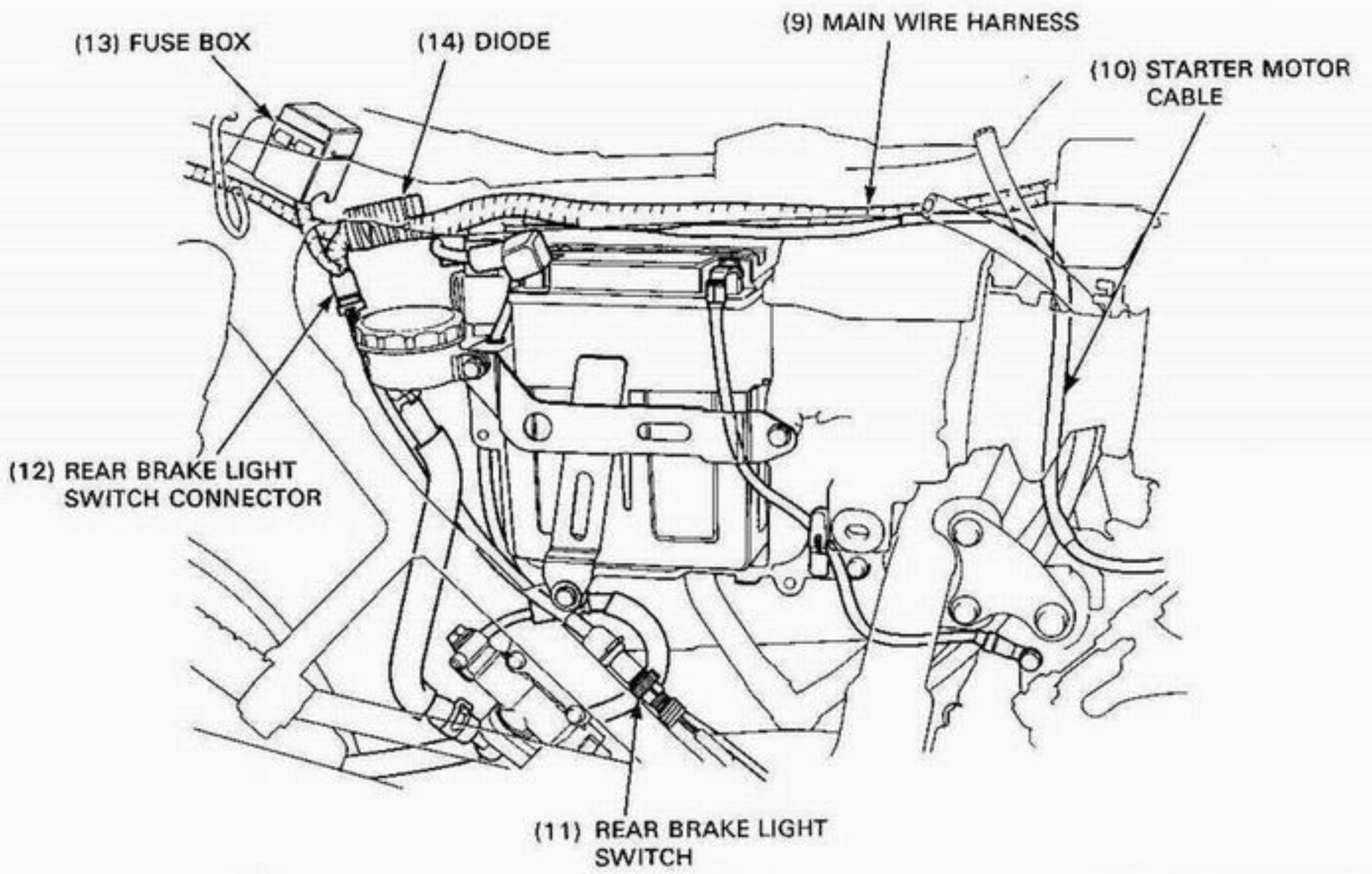
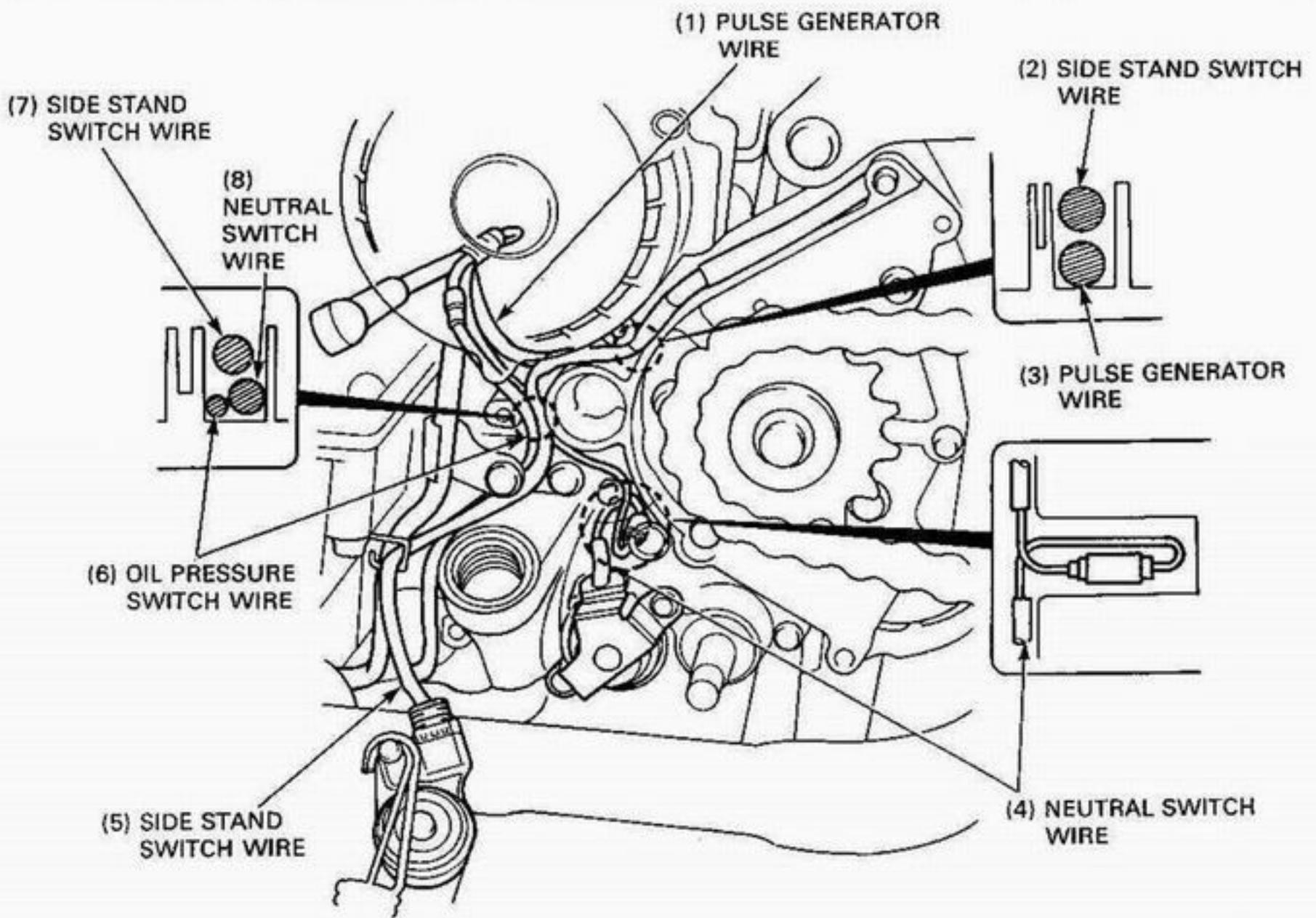


EXCEPT G TYPE:



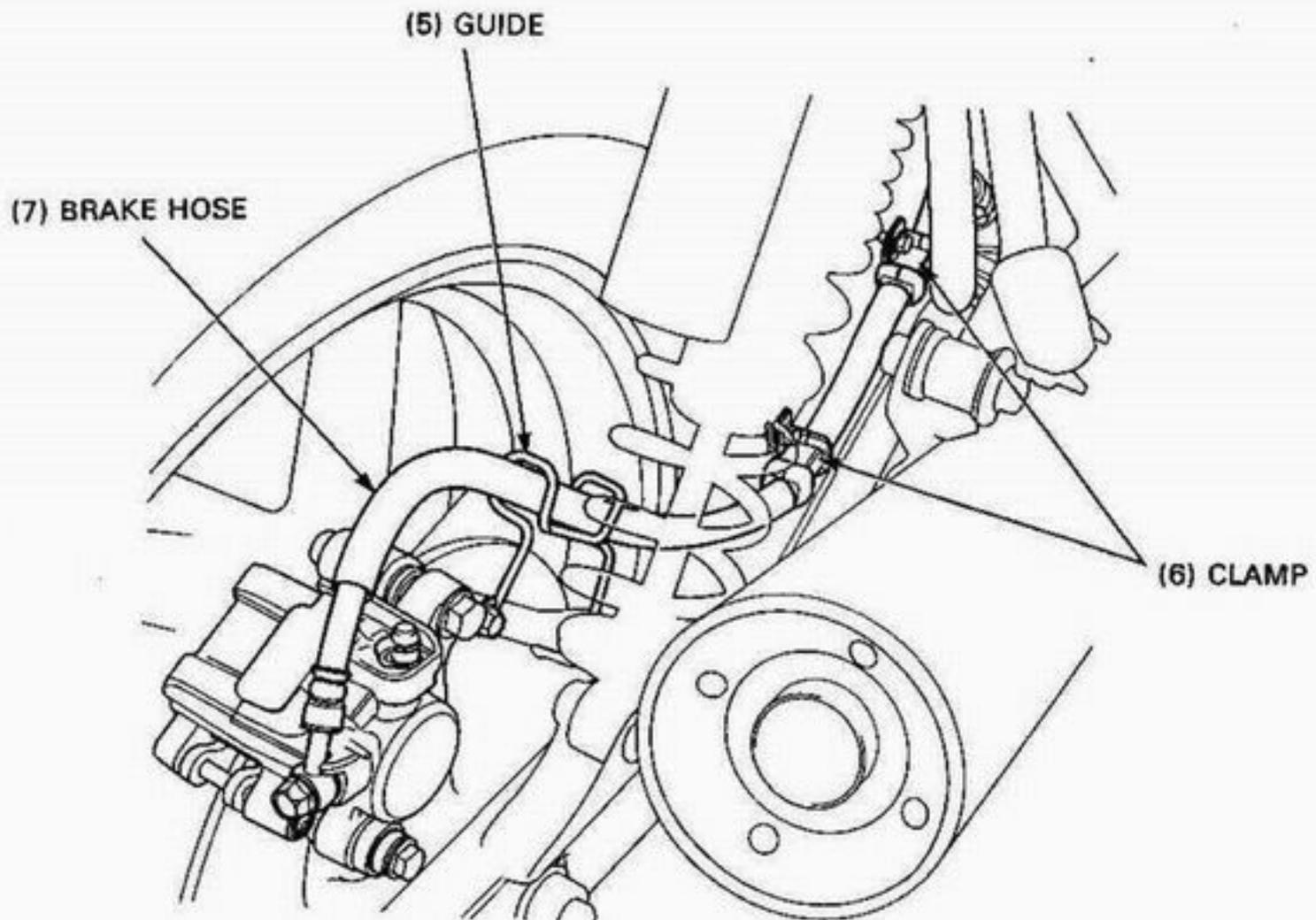
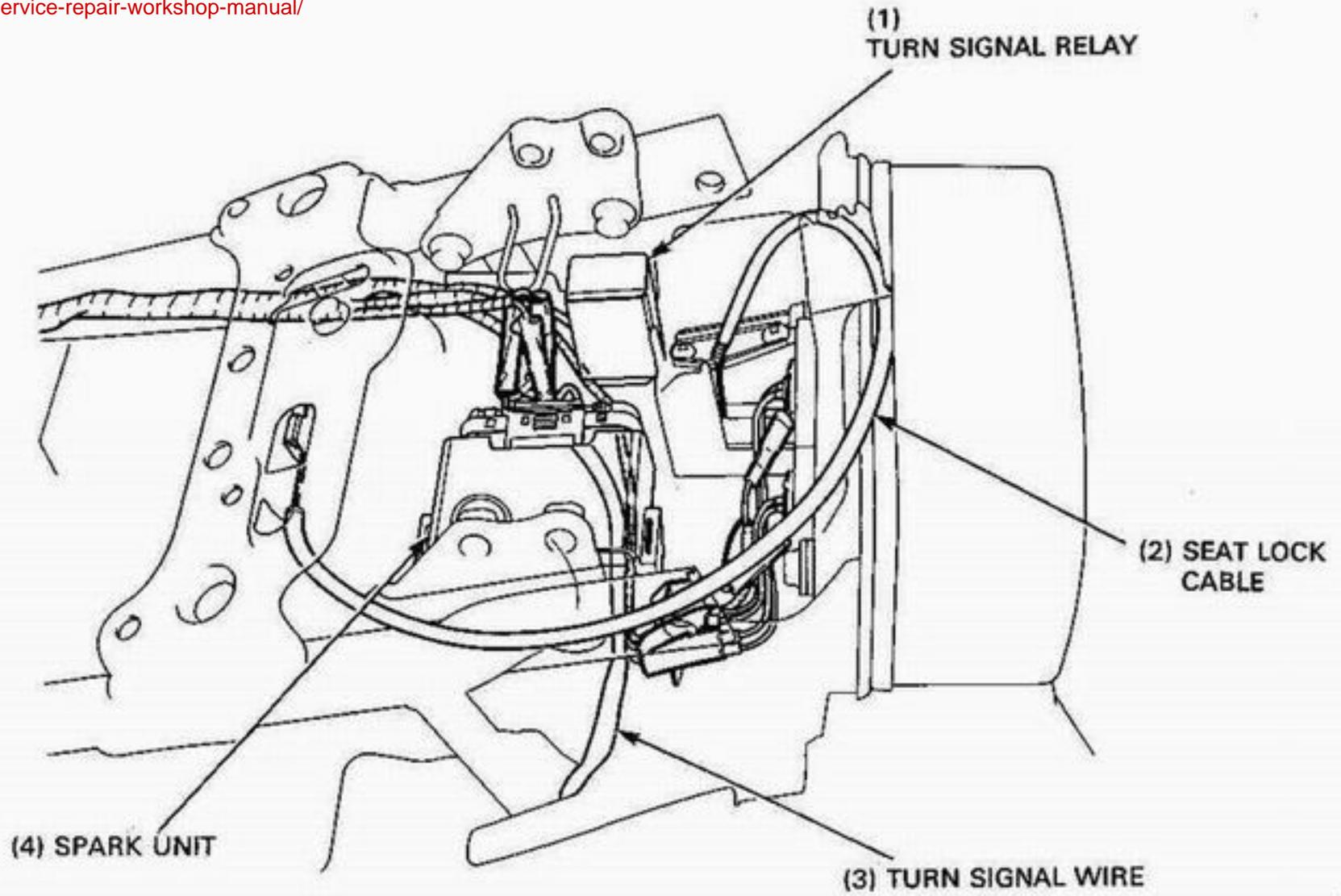






## General Information

Product: 1992 Honda CB750 Motorcycle Service Repair Workshop Manual  
Full Download: <https://www.arepairmanual.com/downloads/1992-honda-cb750-motocycle-service-repair-workshop-manual/>



Sample of manual. Download All 201 pages at:  
<https://www.arepairmanual.com/downloads/1992-honda-cb750-motocycle-service-repair-workshop-manual/>