13. TECHNICAL DATA

A. Specifications of CB 500 (CB 500 K1, K2)

	Item	Metric	English
DIMENSION	Overall Length	2, 105 mm (2, 120 mm)	83. 0 in. (83. 5 in.)
	Overall Width	825 mm	32. 5 in.
	Overall Height	1, 115 mm	44. 0 in.
	Wheel Base	1, 405 mm	55. 5 in.
	Seat Height	805 mm	31. 7 in.
	Foot Peg Height	315 mm	12. 4 in.
	Ground Clearance	165 mm	6. 5 in.
	Dry Weight	183 kg	403. 5 lb.
FRAME	Type	Double cradle tubular steel	
	F. Suspension, Travel	Telescopic fork, travel 121 mm,	4. 8 in.
	R. Suspension, Travel	Swing arm, travel 78. 5 mm,	3. 1 in.
	F. Tire Size, Type	3. 15–19 (4 PR) (3. 25–19) (4 PR) Rib tire, tire air pressure	1. 8 kg/cm² 2. 0 kg/cm² / 25. 6 psi 28. 5 psi
	R. Tire Size, Type	3. 50–18 (4 PR) Block tire, tire air pressure	2. 0 kg/cm² / 28. 5 psi
	F. Brake, Lining Area	Disc brake, lining area	288. 8 cm²×2 / 32. 36 in²×2
	R. Brake, Lining Area	Internal expanding shoe, lining area	169. 6 cm²×2 / 26. 28 in²×2
	Fuel Capacity	14. 0 lit.	3. 7 U.S. gal. 3. 1 Imp. gal.
	Fuel Reserve Capacity	4. 0 lit.	1. 6 U.S. gal. 0. 9 Imp. gal.
	Caster Angle	64°	
	Trail Length	105 mm	4. 1 in.
	Front Fork Oil Capacity	160 cc	5. 4 ozs
ENGINE	Type	Air-cooled, 4-stroke, O.H.C. engine	
	Cylinder Arrangement	4-cylinder in-line	
	Bore and Stroke	56. 0×50. 6 mm	2. 205×1. 992 in.
	Displacement	498 cc	30. 38 cu. in.
	Compression Ratio	9. 0	
	Carburetor, Venturi Dia.	Four, piston valve, 22 mm dia.	
	Valve Train	Chain drive overhead camshaft	
	Maximum Horsepower	50 BHP (SAE)/9, 000 rpm (44 BHP (SAE)/9, 000 rpm)	
	Maximum Torque	4. 2 kg-m/7, 500 rpm	30. 4 lb-ft/7, 500 rpm
	Oil Capacity	3. 0 lit.	3. 2 U.S. qt., 2. 6 Imp. qt
	Lubrication System	Forced pressure and wet sump	

Date of Issue: July 20, 1977

	Item	Metric	English
ENGINE	Air Filter	Paper element	
	Valve Tappet Clearance	IN : 0. 05, EX : 0. 08 mm	IN : 0. 002, EX : 0. 003 in.
	Engine weight	69 kg	152 lb.
	Air Screw Opening	1±1/8 turns	
	Idle Speed	1,000 rpm	
DRIVE TRAIN	Clutch	Wet, multi-plate	
	Transmission	5-speed, constant mesh	
	Primary Reduction	2. 000	
	Gear Ratio I	2. 353	
	〃 II	1. 636	
	〃 III	1. 269	
	〃 IV	1. 036	
	〃 V	0. 900	
	Final Reduction	2. 000, drive sprocket 17, driven sprocket 34 T	
	Gear Shift Pattern	Left foot return type	
ELECTRICAL	Ignition	Battery and ignition coil	
	Starting System	Electrical motor and kick pedal	
	Alternator	Three phase A.C. 12 V–0. 2 KW/5, 000 rpm	
	Battery Capacity	12 V–12 AH	
	Spark Plug	NGK D-7 ES, DENSO X-22 ES	
	Headlight	Low/high, 12 V–40 W/50 W	
	Tail/stoplight	Tail/Stop, 12 V–32 W/3 CP (12 V–4 CP/32 CP)	
	Turn Signal light	Front/Rear 12 V–25 W/25 W (12 V–32 CP/32 CP)	
	Speedometer Light	12 V– 3 W (12 V–2 CP)	
	Tachometer Light	12 V– 3 W (12 V–2 CP)	
	Neutral Indicator Light	12 V– 3 W (12 V–2 CP)	
	Turn Signal Indicator Light	12 V– 3 W (12 V–2 CP)	
	High Beam Indicator Light	12 V– 3 W (12 V–2 CP)	

Date of Issue : July 20, 1977

A. Specifications of CB 550

	Item	Metric	English
DIMENSION	Overall Length	2,120 mm	83.5 in.
	Overall Width	825 mm	32.5 in.
	Overall Height	1,115 mm	43.9 in.
	Wheel Base	1,405 mm	55.3 in.
	Seat Height	805 mm	31.7 in.
	Foot Peg Height	315 mm	12.4 in.
	Ground Clearance	160 mm	6.3 in.
	Dry Weight	192 kg	423 lb.
FRAME	Type	Double cradle frame	
	F. Suspension, Travel	Telescopic fork, travel 121 mm	4.8 in.
	R. Suspension, Travel	Swing arm, travel 77.3 mm	3.0 in.
	F. Tire Size, Type	3.25-19 (4 PR) Rib tire, tire air pressure 2.0 kg/cm²	28 psi
	R. Tire Size, Type	3.75-18 (4 PR) Block tire, tire air pressure 2.4 kg/cm²	34 psi
	F. Brake, Lining Area	Disk brake, lining area 288.8 cm²×2	32.36 in²×2
	R. Brake, Lining Area	Internal expanding shoe, lining area 169.6 cm²×2	26.28 in²×2
	Fuel Capacity	14.0 lit.	3.7 U.S. gal. 3.1 Imp. gal.
	Fuel Reserve Capacity	4.0 lit.	1.1 U.S. gal. 0.9 Imp. gal.
	Caster Angle	64°	
	Trail Length	105 mm	4.1 in.
	Front Fork Oil Capacity	185-191 cc	6.3-6.5 ozs
ENGINE	Type	Air-cooled, 4-stroke, O.H.C. engine	
	Cylinder Arrangement	4-cylinder in-line	
	Bore and Stroke	58.5×50.6 mm	2.303×1.992 in.
	Displacement	544 cc	33.19 cu. in.
	Compression Ratio	9.0	
	Carburetor, Venturi Dia.	Four, piston valve, 22 mm dia.	
	Valve Train	Chain drive overhead camshaft	
	Maximum Horsepower	50 BHP (SAE)/8,500 rpm	
	Maximum Torque	4.2 kg-m/7,500 rpm	30.4 lb-ft/7,500 rpm
	Oil Capacity	3.0 lit.	3.2 U.S. qt., 2.6 Imp. qt
	Lubrication System	Forced pressure and wet sump	

Date of Issue: July 20, 1977

	Item	Metric	English
ENGINE	Air Filter	Paper element	
	Valve Tappet Clearance	IN: 0.05, EX: 0.08 mm	IN: 0.002, EX: 0.003 in.
	Engine weight	72 kg	159 lb.
	Air Screw Opening	$1\frac{1}{2}\pm\frac{3}{8}$ turns	
	Idle Speed	1,000 rpm	
DRIVE TRAIN	Clutch	Wet, multi-plate	
	Transmission	5-speed, constant mesh	
	Primary Reduction	3.063	
	Gear Ratio I	2.353	
	〃 II	1.636	
	〃 III	1.269	
	〃 IV	1.036	
	〃 V	0.900	
	Final Reduction	2.176, drive sprocket 17, driven sproket 37 T	
	Gear Shift Pattern	Left foot return type	
ELECTRICAL	Ignition	Battery and ignition coil	
	Starting System	Electrical motor and kick pedal	
	Alternator	Three phase A.C. 12 V–0.11 KW/2,000 rpm	
	Battery Capacity	12 V–12 AH	
	Spark Plug	NGK D-7 ES, DENSO X-22 ES	
	Headlight	Low/high, 12 V–40 W/50 W	
	Tail/stoplight	Tail/Stop 12 V–32 W/3 CP	
	Turn Signal light	Front/Rear 12 V–32 W/32 W	
	Speedometer Light	12 V–3 W	
	Tachometer Light	12 V–3 W	
	Neutral Indicator Light	12 V–3 W	
	Turn Signal Indicator Light	12 V–3 W	
	High Beam Indicator Light	12 V–3 W	

Date of Issue: July 20, 1977

B. Service Data (CB 500)

ENGINE

mm (in.)

Item	Standard value	Serviceable limit
Intake cam height	34.93~34.97 (1.3742~1.3768)	34.85 (1.3720)
Exhaust cam height	34.53~34.57 (1.3595~13.610)	34.45 (1.3563)
Runout	—	0.1 (0.004)

Item	Standard value	Serviceable limit
Cylinder bore	56~56.01 (2.204~2.205)	56.1 (2.208)

Item	Standard value	Serviceable limit
Piston dia.	55.99~55.97 (2.204~2.203)	55.85 (2.198)
Piston pinhole	—	15.08 (0.593)

Item	Standard value	Serviceable limit
Piston ring end gap	0.15~0.35 (0.005~0.013)	0.7 (0.027)

Piston ring Side clearance	Standard value	Serviceable limit
Top ring	0.040~0.075 (0.0015~0.0029)	0.18 (0.007)
Second ring	0.025~0.06 (0.0009~0.0023)	0.15 (0.005)
Oil ring	0.020~0.055 (0.0007~0.0021)	0.15 (0.005)

Item	Standard value	Serviceable limit
Ring groove clearance	15.002~15.008 (0.59063~0.59087)	Replace if over 15.080 (0.5937)

	Standard value	Serviceable limit
Valve stem clearance	Intake 0.010~0.035 (0.00039~0.00137)	0.080 (0.0031)
	Exhaust 0.030~0.050 (0.0011~0.0019)	0.10 (0.0039)
Valve stem diameter	Intake 5.450~5.465 (0.2145~0.2150)	
	Exhaust 5.430~5.445 (0.2137~0.2142)	
Valve face runout	—	0.05 (0.009)

mm (in.)

Item	Standard value	Serviceable limit
Cylinder head flatness	—	0.3 (0.011)

Item	Standard value	Serviceable limit
Valve spring free length	Outer 40.4 (1.59) Inner 35.7 (1.40)	39 (1.53) 34.5 (1.35)
Loading (reference)	Outer 27.9 mm/45.6~50.6 kg (1.0 in/ 100.54~111.57 lbs-ft) Inner 23.2 mm/19.1~21.1 kg (0.9 in/ 421.15~464.35 lbs-ft)	
Clutch plate warp	—	0.3 (0.011)

Oil pump	Standard value	Serviceable limit
Inner and outer rotor clearance	—	0.35 (0.013)
Outer rotor and body clearance	—	0.35 (0.013)

Item	Standard value	Serviceable limit
Friction disc thickness	3.3 (0.13)	3.0 (0.11)

	Standard value	Serviceable limit
Clutch spring free length	31.9 (1.25)	30.5 (1.20)
Spring strength	31.4~33 kg at 23 mm (227.84~238.6 at 0.90 in)	

Item	Standard value	Serviceable limit
Gear shift drum O.D.	39.975~39.95 (1.5738~1.5728)	39.9 (1.5709)
Shift fork I.D.	40.00~40.025 (1.5748~1.5757)	40.075 (1.5797)

Gear shift fork	Standard value	Serviceable limit
Center	5.93~6.00 (0.233~0.236)	5.60 (0.220)
Right & left	4.93~5.0 (0.194~0.197)	4.60 (0.181)

Item	Standard value	Serviceable limit
Crankshaft journal clearance	0.020~0.046 (0.00079~0.00181)	0.080 (0.0031)
Runout	—	0.05 (0.0019)
Journal and taper	—	0.05 (0.0019)

Date of Issue: July 20, 1977

Item	Standard value	Serviceable limit
Connecting rod large end clearance	0.02~0.046 (0.00079~0.00181)	0.08 (0.0031)

mm (in.)

Item	Standard value	Serviceable limit
Connecting rod side clearance	0.12~0.27 (0.0047~0.0106)	0.35 (0.0138)

Item	Standard value	Serviceable limit
Connecting rod small end clearance	15.016~15.034 (0.5911~0.5918)	15.07 (0.5930)

Item	Standard value	Serviceable limit
1st, 2nd, 3rd gears backlash	0.044~0.133 (0.0017~0.0051)	0.2 (0.0078)
4th and 5th gears backlash	0.046~0.140 (0.0018~0.0055)	0.2 (0.0078)

CHASSIS

Wheel	Standard value	Serviceable limit
Rim wobble	0.5 (0.020)	2.0 (0.08)
Wheel runout	0.5 (0.020)	2.0 (0.08)

Wheel bearing	Standard value	Serviceable limit
Front wheel bearing axial direction, TIR	0.07 (0.028)	0.1 (0.004)
Front wheel bearing radial direction, TIR	0.003 (0.00012)	0.05 (0.002)

Front brake	Standard value	Serviceable limit
Caliper cylinder inside dia.	38.18~38.20 (1.5031~1.5039)	38.215 (1.504)
Caliper piston outside dia.	38.115~38.48 (1.5006~1.5149)	38.105 (1.500)

Front brake	Standard value	Serviceable limit
Master cylinder	14.0~14.043 (0.5511~0.5528)	14.055 (0.533)
Piston	13.957~13.984 (0.5494~0.5505)	13.940 (0.549)

Wheel	Standard value	Serviceable limit
Rim runout, TIR (vertical and side)	0.5 (0.02)	2.0 (0.08)

Item	Standard value	Serviceable limit
Disc trueness	——	0.3 (0.011)
Caliper and piston clearance	——	0.11 (0.004)
Master cylinder and piston clearance	——	0.11 (0.004)

mm (in.)

Rear axle shaft	Standard value	Serviceable limit
Bent, TIR	0.01 (0.0004)	0.2 (0.009)

Brake lining	Standard value	Serviceable limit
Thickness	5.0 (0.200)	2.0 (0.080)

Brake Drum	Standard value	Serviceable limit
Inside dia.	179.8~180.0 (7.079~7.087)	181.0 (7.125)

Item	Standard value	Serviceable limit
Axial, TIR	0.07 (0.0028)	0.1 (0.004)
Radial, TIR	0.003 (0.00011)	0.05 (0.002)

	Standard value	Serviceable limit
Front suspension spring I.D.	42 (1.65)	
Free length	451.7 (17.78)	425 (16.73)
Tilt	5 (0.02)	8 (0.03)

Item	Standard value	Serviceable limit
Rear suspension free length	210.4 (8.283)	205 (8.070)

Item	Standard value	Serviceable limit
Clearance	0.1~0.3 (0.004~0.012)	0.5 (0.02)
Rear fork bushing inside dia.	21.448~21.5 (0.844~0.846)	21.8 (0.858)
Center collar outside dia.	21.427~21.46 (0.843~0.844)	21.4 (0.842)

ELECTRICAL

Item	Standard value	Serviceable limit
Carbon brush length	12~31 mm (0.47~0.51 in)	5.5 mm (0.22 in)
Brush spring tension	0.5~0.5 kg (1.1~1.3 lbs)	0.4 kg (0.8 lbs)

Date of Issue: July 20, 1977

B. Service Data (CB 550)

ENGINE

mm (in.)

Item	Standard value	Serviceable limit
Intake cam height	34.93~34.97 (1.3742~1.3768)	34.85 (1.3720)
Exhaust cam height	34.53~34.57 (1.3595~13.610)	34.45 (1.3563)
Runout	—	0.1 (0.004)

Item	Standard value	Serviceable limit
Cylinder bore	58.50~58.51 (2.303~2.304)	58.6 (2.307)

Item	Standard value	Serviceable limit
Piston dia.	54.47~58.49 (2.301~2.30)	58.35 (2.302)
Piston pinhole	—	15.08 (0.593)

Item		Standard value	Serviceable limit
Piston ring end gap	Top	0.15~0.35 (0.005~0.013)	0.7 (0.027)
	2nd		
	oil	0.3~0.9 (0.01~0.035)	1.1 (0.043)

Piston ring Side clearance	Standard value	Serviceable limit
Top ring	0.040~0.075 (0.0015~0.0029)	0.18 (0.007)
Second ring	0.025~0.06 (0.0009~0.0023)	0.15 (0.005)
Oil ring	—	—

Item	Standard value	Serviceable limit
Ring groove clearance	15.002~15.008 (0.59063~0.59087)	Replace if over 15.080 (0.6937)

	Standard value	Serviceable limit
Valve stem clarance	Intake 0.020~0.045 (0.00079~0.00177)	0.080 (0.0031)
	Exhaust 0.030~0.050 (0.0011~0.0019)	0.10 (0.0039)
Valve stem diameter	Intake 5.450~5.465 (0.2145~0.2150)	
	Exhaust 5.430~5.445 (0.2137~0.2142)	
Valve face runout	—	0.05 (0.009)

mm (in.)

Item	Standard value	Serviceable limit
Cylinder head flatness	—	0.3 (0.011)

Item	Standard value	Serviceable limit
Valve springfree length	Outer 40.4 (1.59)	39 (1.53)
	Inner 35.7 (1.40)	34.5 (1.35)
Loading (reference)	Outer 27.9 mm45.6~50.6 kg/ (1.0 in/ 100.54~111.57 lbs-ft) Inner 23.2 mm/19.1~21.1 kg (0.9 in/ 421.15~464.35 lbs-ft)	
Clutch plate warp	—	0.3 (0.011)

Oil pump	Standard value	Serviceable limit
Inner and outer rotor clearance	—	3.35 (0.013)
Outer rotor and body clearance	—	0.35 (0.013)

Item	Standard value	Serviceable limit
Friction disc thickness	2.6 (0.12)	2.3 (0.09)

	Standard value	Serviceable limit
Cutch spring free length	36.8 (1.45)	35.4 (1.39)
Spring strength	22.1~33.2 at 23 mm (227.84~238.6 at 0.90 in)	

Item	Standard value	Serviceable limit
Gear shift drum O.D.	39.975~59.95 (1.5738~1.5728)	39.9 (1.5709)
Shift fork I.D.	40.00~40.025 (1.5748~1.5757)	40.075 (1.5797)

Gear shift fork	Standard value	Serviceable limit
Center	5.93~6.00 (0.233~0.236)	5.60 (0.220)
Right & left	4.93~5.0 (0.194~0.197)	4.60 (0.181)

Item	Standard value	Serviceable limit
Crankshaft journal clearance	0.020~0.046 (0.00079~0.00181)	0.080 (0.0031)
Runout	—	0.05 (0.0019)
Journal and taper	—	0.05 (0.0019)

Date of Issue: July 20, 1977

Item	Standard value	Serviceable limit
Connecting rod large end clearance	0.02~0.046 (0.00079~0.00181)	0.08 (0.0031)

mm (in.)

Item	Standard value	Serviceable limit
Connecting rod side clearance	0.12~0.27 (0.0047~0.0106)	0.35 (0.0138)

Item	Standard value	Serviceable limit
Connecting rod small end clearance	15.016~15.034 (0.5911~0.5918)	15.07 (0.5930)

Item	Standard value	Serviceable limit
1st, 2nd, 3rd gears backlash	0.044~0.133 (0.0017~0.0051)	0.2 (0.0078)
4th and 5th gears backlash	0.046~0.140 (0.0018~0.0055)	0.2 (0.0078)

CHASSIS

Wheel	Standard value	Serviceable limit
Rim wobble	0.5 (0.020)	2.0 (0.08)
Wheel runout	0.5 (0.020)	2.0 (0.08)

Wheel bearing	Standard value	Serviceable limit
Front wheel bearing axial direction, TIR	0.07 (0.028)	0.1 (0.004)
Front wheel bearing radial direction, TIR	0.003 (0.00012)	0.05 (0.002)

Front brake	Standard value	Serviceable limit
Caliper cylinder inside dia.	38.18~38.20 (1.5031~1.5039)	38.215 (1.504)
Caliper piston outside dia.	38.115~38.48 (1.5006~1.5149)	38.105 (1.500)

Front brake	Standard value	Serviceable limit
Master cylinder	14.0~14.043 (0.5511~0.5528)	14.055 (0.533)
Piston	13.957~13.984 (0.5494~0.5505)	13.940 (0.549)

Wheel	Standard value	Serviceable limit
Rim runout, TIR (vertical and side)	0.5 (0.02)	2.0 (0.08)

Item	Standard value	Serviceable limit
Disc trueness	—	0.3 (0.011)
Caliper and piston clearance	—	0.11 (0.004)
Master cylinder and piston clearance	—	0.11 (0.004)

mm (in.)

Rear axle shaft	Standard value	Serviceable limit
Bent, TIR	0.01 (0.0004)	0.2 (0.009)

Brake lining	Standard value	Serviceable limit
Thickness	5.0 (0.200)	2.0 (0.080)

Brake Drum	Standard value	Serviceable limit
Inside dia.	179.8~180.0 (7.079~7.087)	181.0 (7.125)

Item	Standard value	Serviceable limit
Axial, TIR	0.07 (0.0028)	0.1 (0.004)
Radial, TIR	0.003 (0.00011)	0.05 (0.002)

	Standard value	Serviceable limit
Front suspension spring I.D.	42 (1.65)	
Free length	451.7 (17.78)	425 (16.73)
Tilt	5 (0.02)	8 (0.03)

Item	Standard value	Serviceable limit
Rear suspension free length	210.4 (8.283)	205 (8.070)

Item	Standard value	Serviceable limit
Clearance	0.1~0.3 (0.004~0.012)	0.5 (0.02)
Rear fork bushing inside dia.	21.448~21.5 (0.844~0.846)	21.8 (0.858)
Center collar outside dia.	21.427~21.46 (0.843~0.844)	21.4 (0.842)

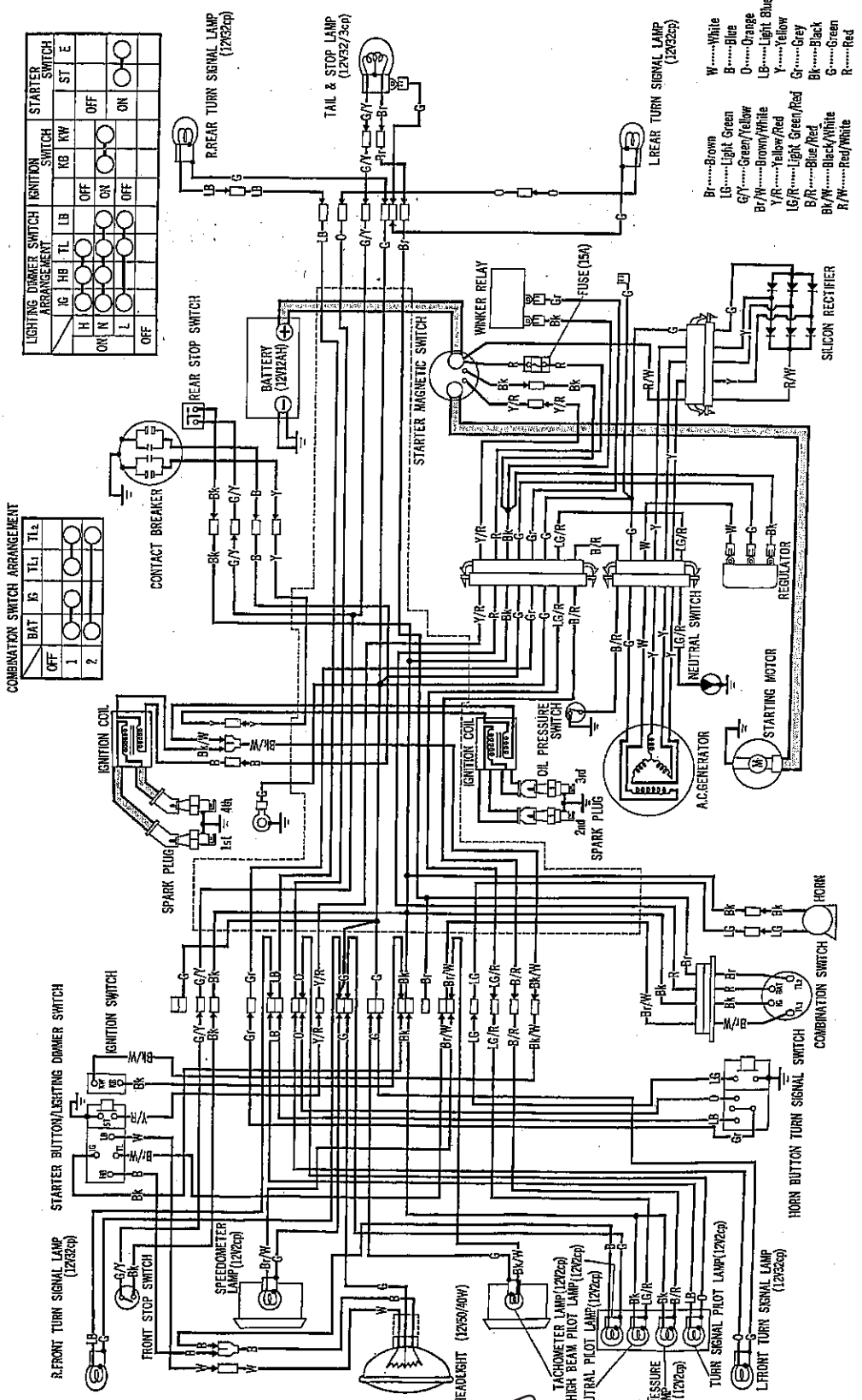
ELECTRICAL

Item	Standard value	Serviceable limit
Carbon brush length	12~31 mm (0.47~0.51 in)	5.5 mm (0.22 in)
Brush spring tension	0.5~0.5 kg (1.1~1.3 lbs)	0.4 kg (0.8 lbs)

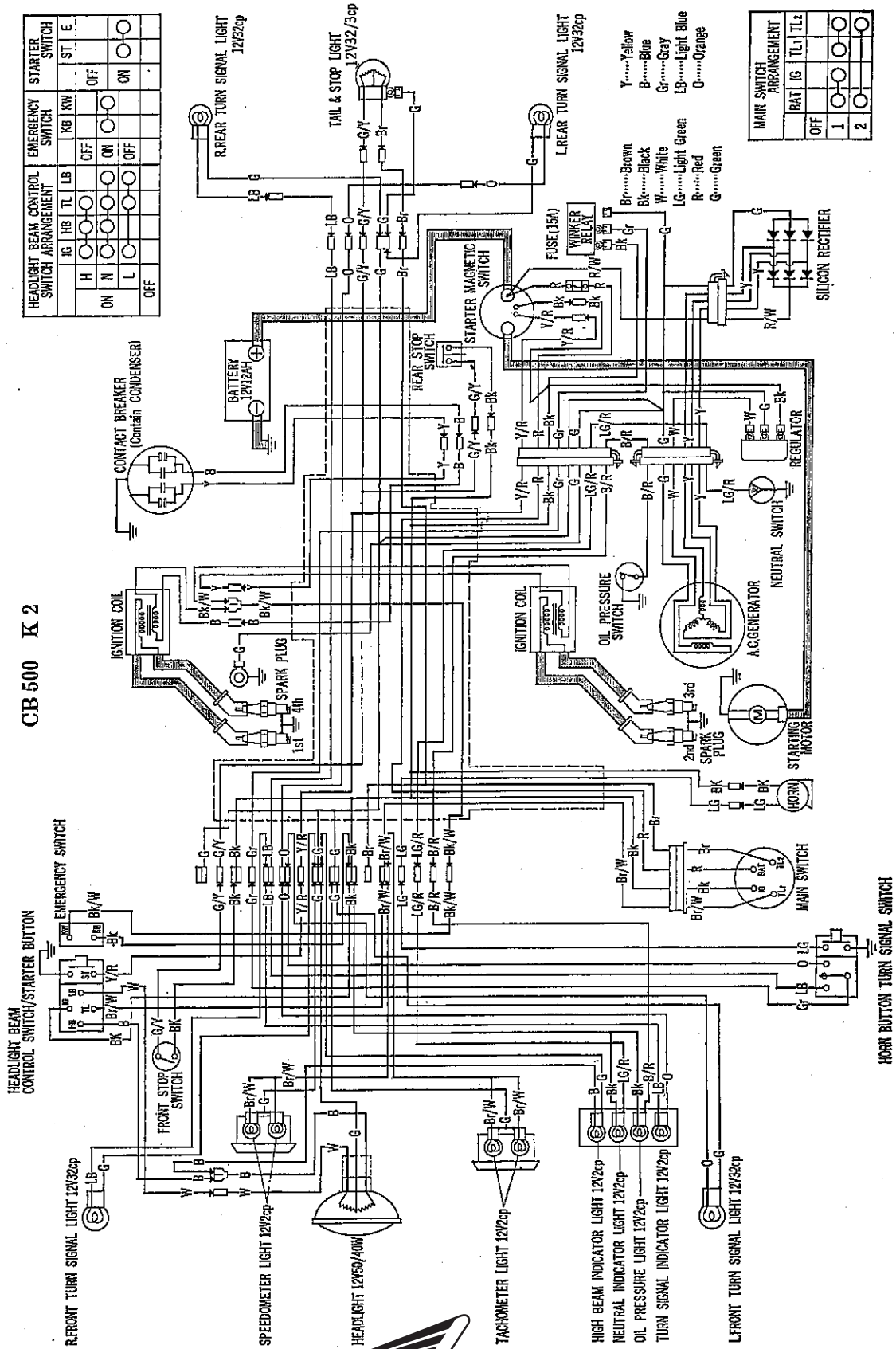
Date of Issue: July 20, 1977

14. WIRING DIAGRAM

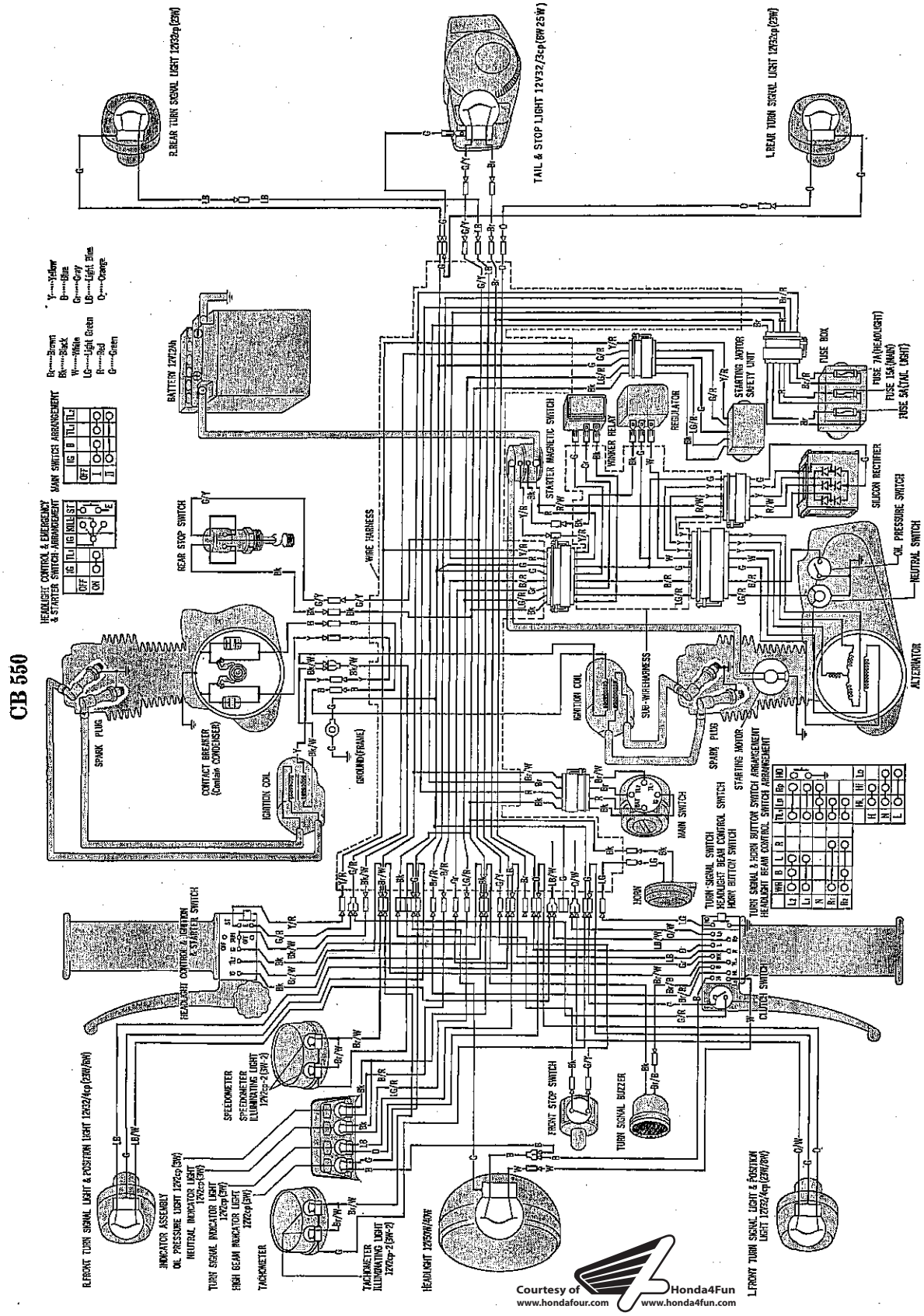
CB 500



Date of Issue: July 20, 1977



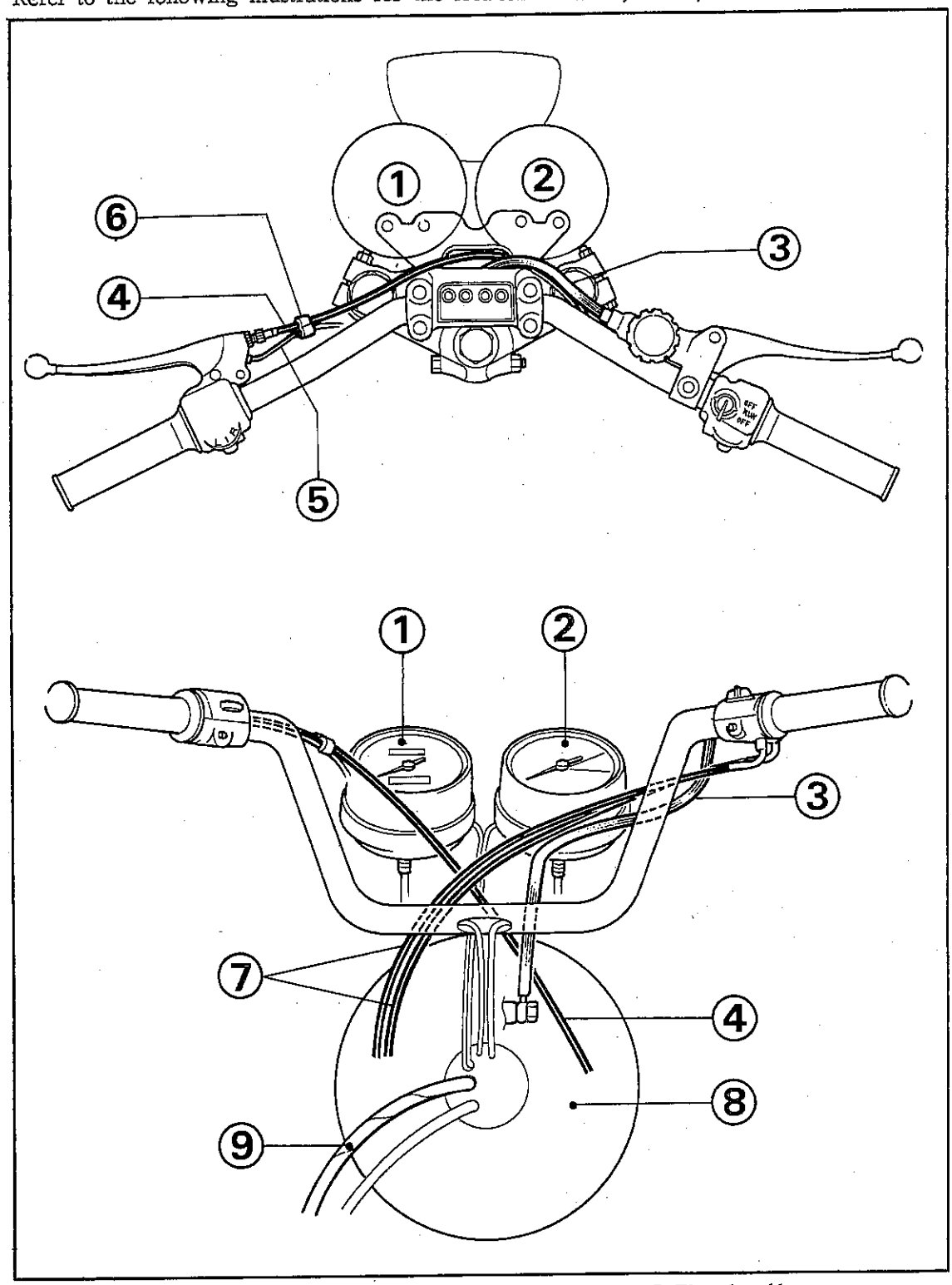
Date of Issue : July 20, 1977



Date of Issue: July 20, 1977

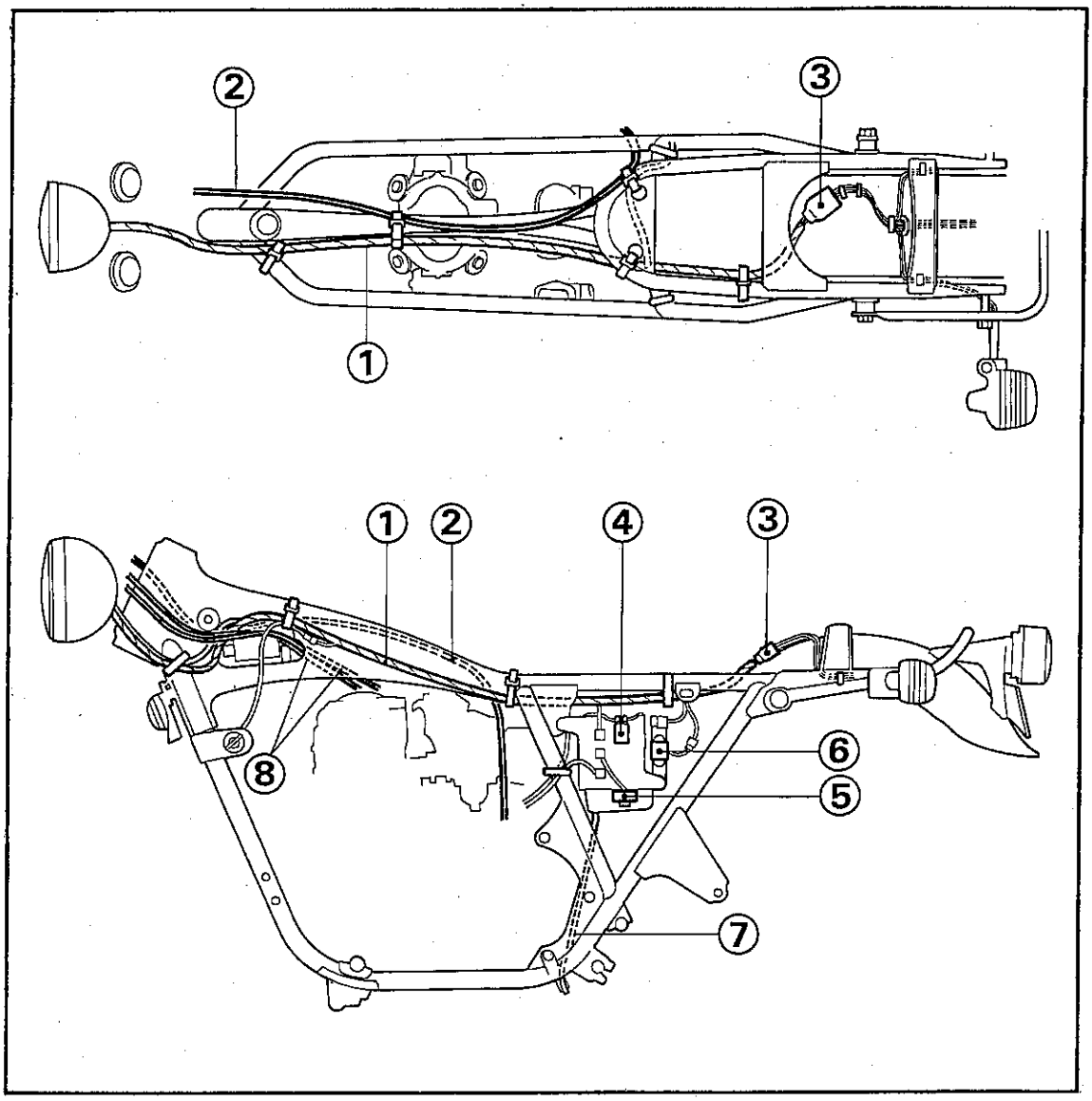
Wiring diagram of CB 550

Refer to the following illustrations for the location of wires, cables, and leads.



① Speedometer
② Tachometer
③ Front brake hose
④ Clutch cable
⑤ Clutch switch wire
⑥ Clip
⑦ Throttle cables
⑧ Headlight case
⑨ Wire harness

Date of Issue : July 20, 1977



① Wire harness
② Clutch cable
③ Terminal cover
④ Starter magnetic switch
⑤ Siricon rectifier
⑥ fuse box
⑦ Air cleaner tube
⑧ Throttle cables

Date of Issue : July 20, 1977

1. FUEL VALVE

The fuel valve is new for the revised model. The indication marks and the fuel valve positions were changed.

Inspection and cleaning

1. Place the fuel lever in the "OFF" position; disconnect the fuel tubes. Take the fuel tank out.
2. Drain the fuel tank thoroughly.
3. Loosen the fuel valve fixing nut and remove the fuel valve and fuel filter from the fuel tank.
4. Check the gasket for damage. Replace with a new one, if it is damaged.
5. Wash the fuel filter in solvent and dry with compressed air. Replace the filter with a new one if it is clogged.
6. Install the fuel filter to the fuel valve with the fixing nut. Install the gasket into the groove of the fixing nut.
7. Install the fuel valve to the fuel tank with the fixing nut.
8. Install the fuel tank in place on the frame. Connect the tubes and secure with the clips.
9. Fill the tank with fuel. With the fuel valve lever in the "ON" position, check for leaks past the tube joints or connections.

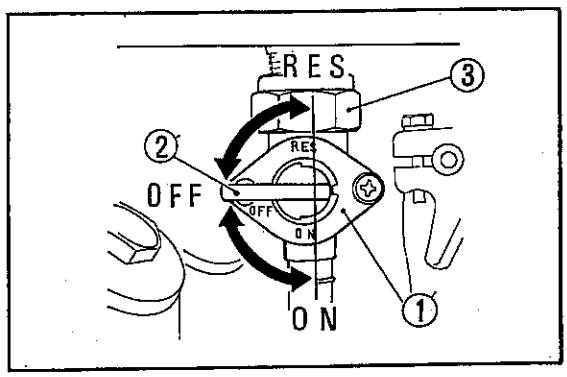


Fig. K1-1 ① Fuel valve
② Lever
③ Fuel valve fixing nut

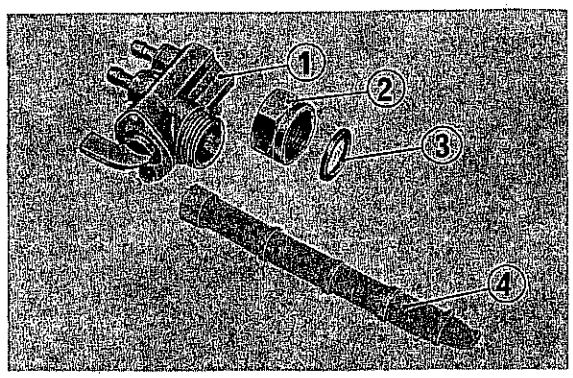


Fig. K1-2 ① Fuel valve
② Fixing nut
③ Gasket
④ Fuel filter

Date of Issue: July 20, 1977

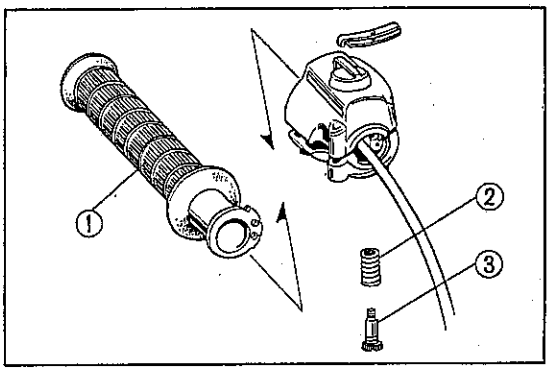


Fig. K1-3 ① Throttle grip ② Spring adjuster ③ Adjusting bolt

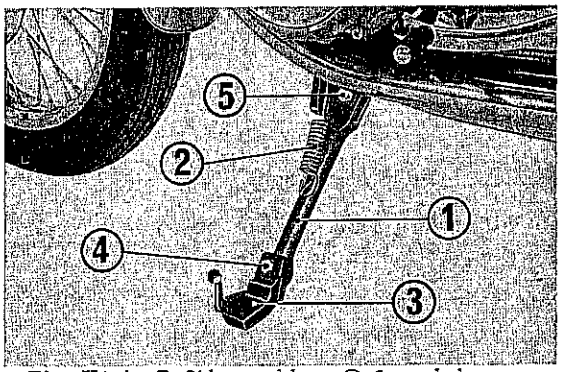


Fig. K1-4 ① Side stand bar ② Spring ③ Rubber pad ④ 6mm bolt ⑤ Side stand pivot bolt

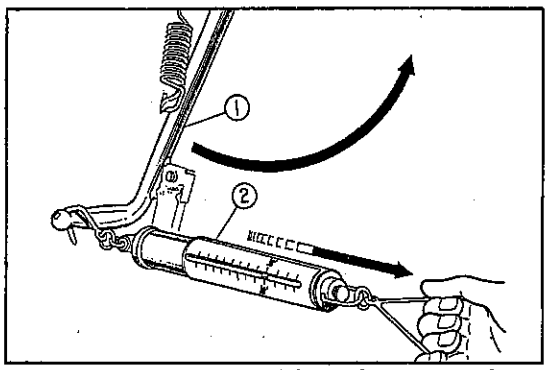


Fig. K1-5 ① Side stand bar ② Spring scale

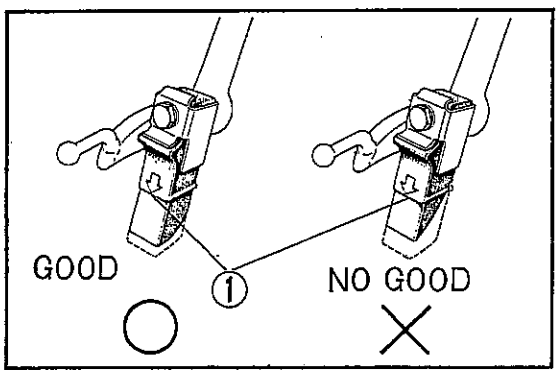


Fig. K1-6 ① Wear line

2. THROTTLE GRIP

The throttle grip adjuster, Fig. K1-3, was discontinued.

3. SIDE STAND

The side stand was changed to a new type with a shock absorbing rubber pad. The side stand must be inspected periodically to determine that it is in good condition.

Inspection

1. Check the entire stand assembly (side stand bar, bracket and rubber pad) for installation, deformation or excessive damage.
2. Check the spring for damage or other defects.
3. Check the side stand for proper return operation :
   a. With the side stand applied, raise the stand off the ground by using the main stand.
   b. Attach a spring scale to the lower end of the stand and measure the force with which the stand is returned to its original position.
   c. The stand condition is correct if the measurement falls within 2~3kg (4.4~6.6lbs.).
   If the stand requires force exceeding the above limit, this may be due to neglected lubrication, overtightened side stand pivot bolt, worn stand bar or bracket, or excessive tension. Replace if necessary.
4. Check the rubber pad for deterioration or wear. When the rubber pad wear is so excessive it is worn to the wear line, replace it with a new one.

Date of Issue : July 20, 1977

Rubber pad replacement

1. Remove the 6mm bolt. Separate the rubber pad from the bracket at the side stand.
2. After the collar is installed, place a new rubber pad in the bracket with the arrow mark out.

Note:
Use a rubber pad having the mark "OVER 260lbs ONLY".

3. Secure the rubber pad with the 6mm bolt.

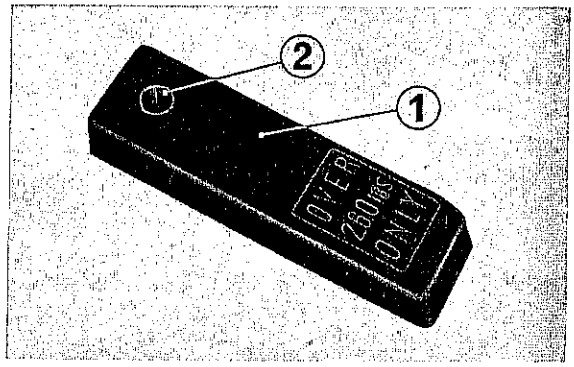


Fig. K1-7 ① Rubber pad
② Collar

4. TURN SIGNAL LIGHT

The front and rear turn signal lights were changed to new, larger types. See Figs. K1-8 and K1-9.

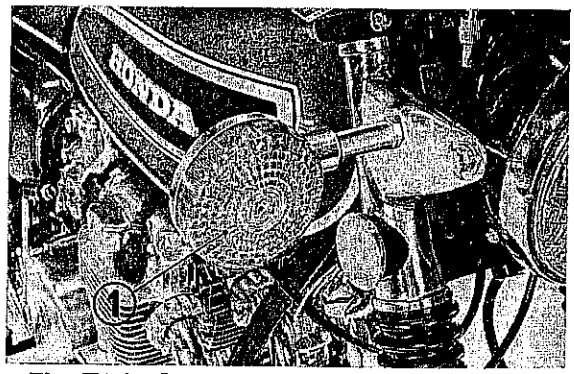


Fig. K1-8 ① Front turn signal light

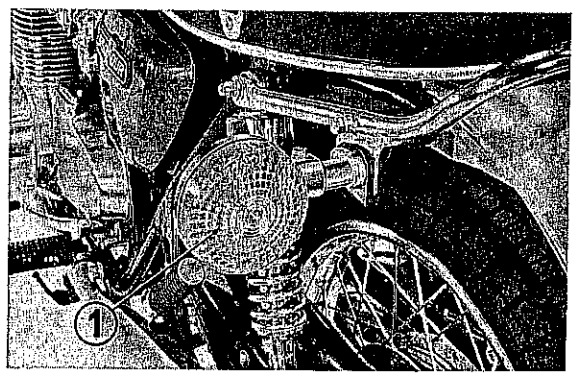


Fig. K1-9 ① Rear turn signal light

5. MAINTENANCE SCHEDULE

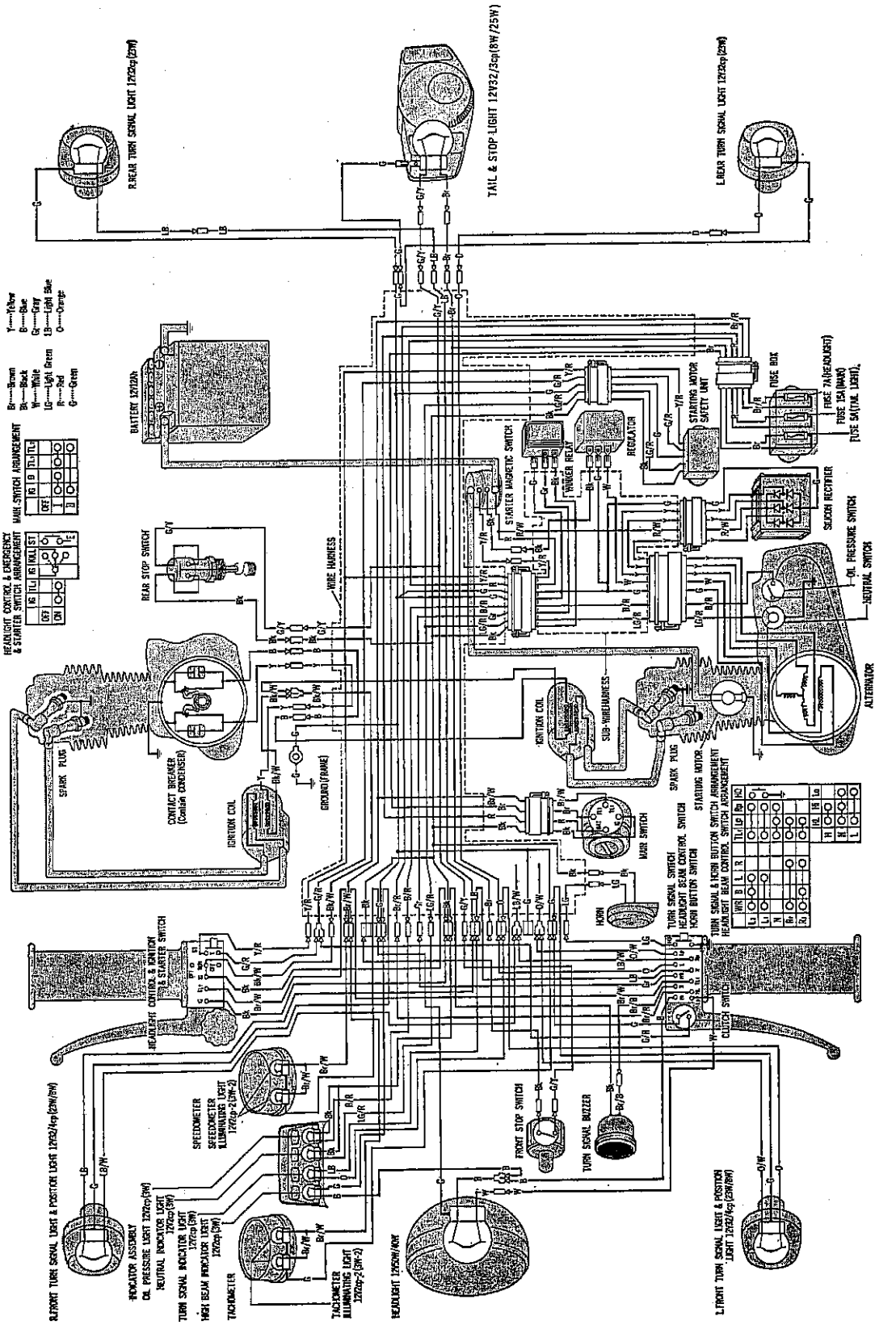
Some additions occurred in the MAINTENANCE SCHEDULE. They are shown below:

This maintenance schedule is based upon average riding conditions. Machines subjected to severe use, or ridden in unusually dusty areas, require more frequent servicing.	INITIAL SERVICE PERIOD	REGULAR SERVICE PERIOD Perform at every indicated month or mileage interval, whichever occures first.			
	500 miles 800km	1 month	3 months	6 months	12 months
		500 miles 800km	1,500 miles 2,500km	3,000 miles 5,000km	6,000 miles 10,000km
*SIDE STAND—Check installation, operation, deformation, damage and wear.				○	

Items marked * should be serviced by an authorized Honda dealer, unless the owner has proper tools and is mechanically proficient. Other maintenance items are simple to perform and may be serviced by the owner.

Date of Issue: July 20, 1977

6. WIRING DIAGRAM CB550K1



Date of Issue: July 20, 1977

ENGINE

GEAR SHIFT MECHANISM

A. Disasembly

1. Remove the clutch assembly. (See page 121.)
2. Remove the gear change pedal.
3. Remove the shift drum stop bolt, the neutral stop bolt, shift drum stop and neutral stop.

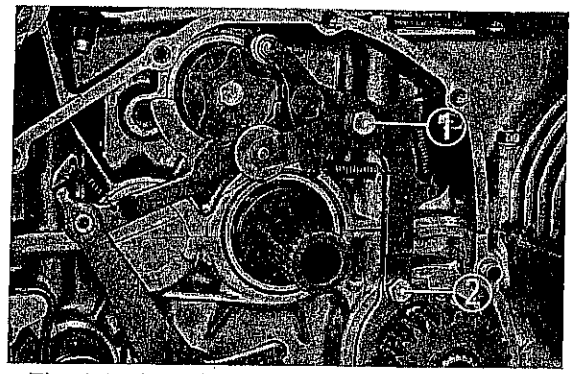


Fig. 1-1 ① Shift drum stop bolt
② Neutral stop bolt

4. Lower the gear shift arm as shown in Fig. 1-2 and remove the gear shift spindle.

B. Inspection

1. Check the shift drum stop and neutral stop for bending or damage.
2. Check the shift drum stop and neutral stop rollers for wear.

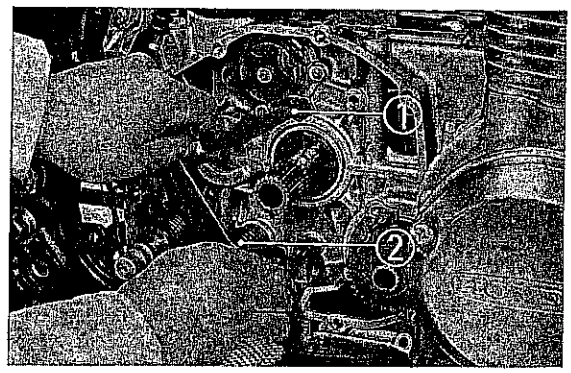


Fig. 1-2 ① Gear shift arm
② Gear shift spindle

Date of Issue: July 20, 1977

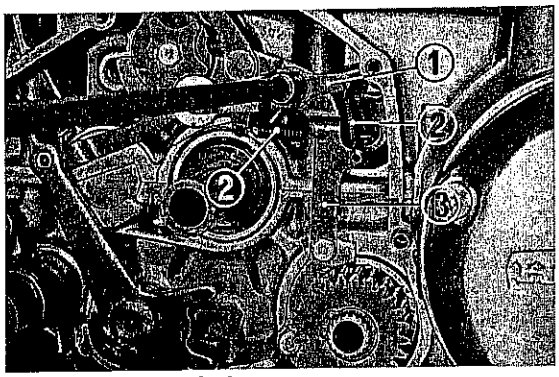


Fig. 1-3 ① Shift drum stop
② Shift drum stop springs
③ Shift drum neutral stop

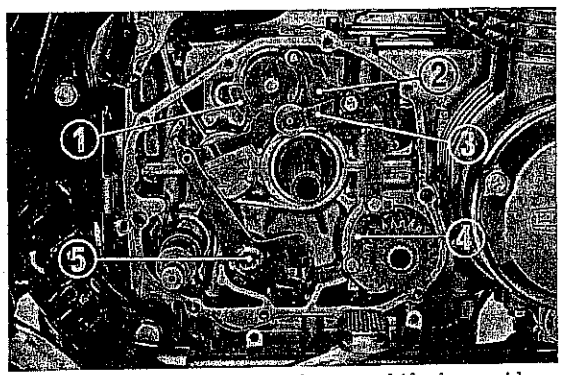


Fig. 1-4 ① Bearing set plate on shift drum side
② Shift drum neutral stop
③ Shift drum stop
④ Bearing set plate on primary shaft side
⑤ Gear shift spindle

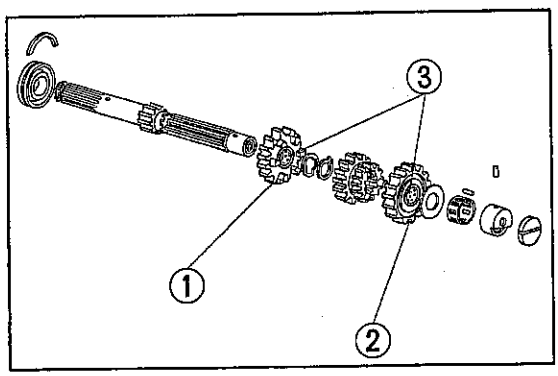


Fig. 1-5 ① Main shaft fourth gear
② Main shaft top gear
③ Bushings

C. Reassembly

To reassemble the gear shift mechanism, reverse the disassembly procedure. Note the following items:

1. As shown in Fig. 1-3, attach one of the shift drum stop springs to the shift drum stop and shift drum neutral stop, then attach the other shift drum stop spring to the arm and body of the shift drum stop. Secure the shift drum stop and shift drum neutral stop using the neutral stop bolt and shift drum stop bolt and collar.
2. Turn the gear shift drum and check if each part moves smoothly.
3. Install the gear shift arm and check that it moves smoothly in either direction.
4. Install the clutch assembly. (See page 122.)

Bushings

A bushing is pressed in the main shaft fourth gear and top gear. (The CB550 model gears do not contain bushings.)

Date of Issue: July 20, 1977