

Index

- AC generator 22-23, 101, 103, 120
 Adjustment
 Air screw 10, 52
 Brake
 Front 67-68, 78
 Rear 67
 Brake lamp switch
 Front 68, 78
 Rear 67
 Carburetor 9-10, 52
 Chain 63, 94
 Clutch 12
 Float 52
 Fuel level 52
 Idle 9-11
 Ignition timing
 H1 CDI 107
 Contact breaker ignition 109
 Magneto CDI 118
 Jet needle 48-49
 Oil pump 11-12
 Pilot screw 49
 Point gap 107, 109
 Shock absorber 91, 92
 Signal generator 109, 118
 Starter lever 11
 Steering 90, 91
 Throttle
 Cable 9-10
 Grip 11, 83
 Stop screw 10
 Air cleaner 13-14
 Air pressure, tire 57
 Alignment, wheel 55, 61, 94
 Arm, swing 54-56
 Axle
 Runout 60
 Torque 61

 Baffle tube 99-100
 Balance, wheel 57, 61
 Bead protector 57
 Bearings
 Clutch 30
 Connecting rod small end 20
 Main 38
 Steering stem 89
 Big end, connecting rod 37-38, 43
 Boring 17, 18
 Brake lamp switch 67, 68, 74, 78
 Brake lining thickness 65
 Brakes
 Disc 69-80
 Expansion 61-68
 Bushing clearance, swing arm 55

 Carburetors 9-11, 46-52

 CDI
 H1 108-112
 Magneto CDI 113, 115-119
 Chain, drive 23, 61, 94-95
 Check valves 45-46, 71
 Cleaner, air 13-14
 Clearance
 Clutch housing/plate 30
 Connecting rod, big end 37-38
 Cylinder/piston 17, 20
 Main bearings 38
 Selector fork 41
 Swing arm bushing/sleeve 55
 Transmission gears 41
 Clutch 12, 27-31
 Compression, cylinder 17-18
 Connecting rods 20, 37-38, 43
 Conversion tables 129-130
 Crankcase 34-36
 Crankshaft 36-38
 Cutaway, throttle valve 48, 52
 Cylinder 15-18
 Cylinder head 15-18
 Cylinder port
 Measurements 15
 Timing 15

 Damper, steering 85, 93
 Diameter
 Brake drum 65
 Bushing, swing arm 55
 Cylinder 17
 Needle jet 49
 Piston 17
 Sleeve, swing arm 55
 Sprocket
 Engine 23
 Rear 66
 Disc brake 69-80
 Distributor 24, 25, 26, 108
 Drive chain 23, 61, 94-95
 Drum, brake 61-68
 Drum, shift 32-34, 39-40

 Engine
 Adjustments 9-12
 Components 5
 Left side 22-24
 Minor disassembly 5-6
 Mounting 9
 Removal 6-9
 Right side 24-27
 Sprocket 22, 23-24
 Exhaust pipes 99-100
 Expander ring 20, 21, 22

 Float level 47-48, 51, 52

- Float mechanism 47-48, 51, 52
- Foot rests 98
- Fork, front 83-91
- Frame 53
- Friction plates 27-31
- Fuel tank 95-97
- Fuel tap 95-98

- Gap, spark plug 107, 118
- Gasoline tank 95-97
- Gasoline tap 95-98
- Gear, primary 31-32
- Gear shift mechanism 32-34, 39, 41
- Generator
 - AC 22-23, 101, 103, 120
 - Signal 23, 108-110, 115-118, 120

- Handlebars 81-83
- Head, cylinder 15-18
- Honing 17, 18
- Hubs 61-67, 69

- Idle adjustment 9-11
- Ignition
 - H1 CDI 108-112
 - Contact breaker 105-107
 - Magneto CDI 113, 115-119
- Injectolube 43-46

- Jet
 - Main 48, 50-52
 - Needle 49, 50-52
 - Pilot 49, 50-52
- Jet needle 48-49, 50-52

- Kick stand 98
- Kick starter 24-26, 42-43

- Length, spring
 - Brake shoe 65
 - Clutch 30
 - Front fork 89
 - Master cylinder 79
- Level, float chamber fuel 47-48, 51, 52
- Lining thickness, brake 65
- Lubrication 43-46

- Needle, jet 48-49, 50-52
- Needle jet 49, 50-52

- Main jet 48, 50-52
- Mufflers 99-100

- Oil, front fork 89
- Oil pump 11-12, 24, 26, 43-46
- Oil tank 95-97
- Overheating 15, 80, 124
- Oversize pistons 18

- Performance curves 3-4

- Pin, piston 18-20
- Pinion gears 24
- Piston 18-20
- Piston pin 18-20
- Piston rings 18, 19, 20-22
- Pivot shaft
 - Nut torque 56
 - Runout 55
- Plates, clutch 27-31
- Play, connecting rod small end 20
- Plug torque
 - Spark plug 18
 - Oil drain plug 27
- Plug, spark 1, 18, 107, 118
- Port, cylinder
 - Measurements 15
 - Timing 15
- Pressure, tire air 57
- Primary gear 31-32
- Pump, oil 11-12, 24, 26, 43-46

- Rectifier 101-104, 113-114, 120
- Regulator 103-105, 113-114, 120
- Rim, tire 57, 60
- Rings, piston 18, 19, 20-22
- Runout
 - Axle 60
 - Crankshaft 38
 - Disc 80
 - Pivot shaft 55
 - Rim 60

- Schematic diagrams 131-137
- Seat 99
- Seizure, piston 19
- Selector fork clearance 41
- Semiconductors 102-103
- Shift mechanism 12, 32-34, 39, 41
- Shock absorbers
 - Front 83-91
 - Rear 91-93
- Signal generator 23, 108-110, 115-118, 120
- Small end, connecting rod 20
- Spark plugs 1, 18, 107, 118
- Specifications 1-2
- Spoke size 57
- Spring length
 - Brake shoe 65
 - Clutch 30
 - Front fork 89
 - Master cylinder 79
- Sprocket
 - Engine 22, 23, 24
 - Rear 62, 65, 66
- Stands 98
- Starter, kick 24-26, 41-43
- Steering damper 85, 93
- Steering stem 83-91
- Swing arm 54-56
- Switch, brake lamp 67, 68, 74, 78

Tanks	95-97
Thickness	
Brake lining	65
Friction plates	30
Disc	80
Throttle valve	50
Thyristor	94, 96, 103
Timing	
Distributor	26
Ignition	
H1 CDI	107
Contact breaker	109
Magneto CDI	118
Port (valve)	15
Tires	56-57, 59-60
Torque	
Axle	61
Cylinder head	17
Crankcase	36
Disc brake parts.....	72
Swing arm shaft nut.....	56
Spark plug	18
Transmission oil drain plug	27
Torque table	128
Transmission	39-41
Tube, baffle	99-100
Tube (bead) protector	57
Tube, tire	59-60
Valves, check	45-46, 71
Valve timing	15
Ventilator	64, 66
Voltage regulator	103-105, 113-114, 120
Warp	
Connecting rod	37
Rim	60
Swing arm	55
Disc	80
Weights, wheel balance	61
Wheel balance	57, 61
Wheels	56-61
Wiring diagrams	131-137

Supplement

Electrical system (H1-E)	
CDI unit test	151-152
Distributor test	150-151
Dynamo test	149-150
Ignition circuit	146-147
Regulator test	152
Engine: Detailed Maintenance	
Ignition timing adjustment (H1-E) ...	137-138
Lubrication system (H2-B)	138-141
Frame (H1-E, H2-B)	
Front fork tubes	141-146
Wiring diagram	153