

This Honda motorcycle manual is 448 pages.

QUICK REFERENCE DATA

CHAPTER ONE / GENERAL INFORMATION

Manual organization, Notes, cautions and warnings, Safety first, Service hints, Special tips, Torque specifications, Fasteners, Lubricants, Expendable supplies, Parts replacement, Serial numbers, Basic hand tools, Tune-up and troubleshooting tools, Riding safety

CHAPTER TWO / TROUBLESHOOTING

Operating requirements, Emergency troubleshooting, Engine starting, Engine performance, Engine noises, Excessive vibration, Lubrication troubles, Manual and automatic transmission, Front suspension and steering, Brake problems

CHAPTER THREE / LUBRICATION, MAINTENANCE AND TUNE-UP

Pre-checks, Routine checks, Service intervals, Tires and wheels, Battery, Periodic lubrication, Periodic maintenance, Tune-up

CHAPTER FOUR / ENGINE

Engine principles, Servicing engine in frame, Engine, Cylinder head, camshaft and rocker arm assemblies (1978-1981), Cylinder head, camshaft and rocker arm assemblies (1982-on), Valves and valve components, Camshaft chain tensioner, Cylinder, Piston, piston pins and piston rings, Alternator, Oil pump, Oil cooler (1982-on except Rebel 450), Oil pressure relief valve, Crankcase and balancer system, Crankshaft and connecting rods, Electric starter gears, Kickstarter (manual transmission), Kickstarter (automatic transmission), Break-in

CHAPTER FIVE / CLUTCH AND MANUAL TRANSMISSION

Clutch, Clutch cable, External gearshift mechanism, Manual transmission and internal shift mechanism, Manual transmission, 5-Speed manual transmission (CB400T I, CB400T II, CN400T, CM400C, CM400E), 6-Speed manual transmission, Internal shift mechanism

CHAPTER SIX / TORQUE CONVERTER AND AUTOMATIC TRANSMISSION

Torque converter, Automatic transmission, Internal shift mechanism, Gearshift drum and fork, Oil cooler

CHAPTER SEVEN / FUEL AND EXHAUST SYSTEMS

Carburetors, Carburetor operation, Carburetor service, Carburetor adjustments, Throttle cable replacement, Choke cable replacement, Fuel cable replacement, Fuel shutoff valve, Fuel tank, Fuel filter, Gasoline/alcohol blend test, Crankcase breather system (1986-on U.S. only), Evaporative emission control system (1985-on California models only), Exhaust emission control system (1986 CB450SC California models only), Exhaust system

CHAPTER EIGHT / ELECTRICAL SYSTEM

Charging system, Alternator, Voltage regulator/rectifier, Ignition system, Ignition coil, Starting system, Starter solenoid, Lighting system, Clutch switch, Sidestand switch, Horn, Instrument cluster, Speedometer and indicator panel, Fuses

CHAPTER NINE / FRONT SUSPENSION AND STEERING

Front wheel, Front hub, Wheels, Handlebars, Steering head and stem, Steering head bearing races, Front fork, Non-air assist front fork (Rebel 450), Non-air assist front fork (all models except Rebel 450), Air-assist front fork, Fork inspection (all models)

CHAPTER TEN / REAR SUSPENSION

Rear wheel, Rear hub, Rear hub (1978-1981 spoke wheel), Rear hub (Rebel 450 spoke wheel, Comstar and Comcast wheel), Drive sprocket assembly, Drive chain, Rear shock absorbers, Swing arm

CHAPTER ELEVEN / BRAKES

Front drum brake, Rear drum brake, Drum brake inspection, front and rear, Front disc brake, Front disc brake pad replacement, Front master cylinder (1978-1983), Front master cylinder (1985-on), Front caliper, Front caliper rebuilding, Brake disc, Front brake hose replacement, Draining the system, Bleeding the system

CHAPTER TWELVE / FRAME

Centerstand, Kickstand, Footpegs, Frame

INDEX

WIRING DIAGRAMS

Models covered:

1978 Honda CB400A

1982 Honda CB400C

1980 1981 Honda CB400T

1978 1979 Honda CB400T TYPE I

1978 1979 Honda CB400T TYPE II

1982 1983, 1985 1986 Honda CB450SC NIGHTHAWK

1982 Honda CB450T

1979 1980 1981 Honda CM400A

1980 1981 Honda CM400E

1979 1980 1981 Honda CM400T

1982 1983 Honda CM450A

1982 Honda CM450C

1982 1983 Honda CM450E

1986 1987 Honda CMX450C Rebel

Hawk II

Hawk I

Hondamatic

Honda CMX450C Rebel Manual

Clymer Manuals Honda CB400A Manual

Clymer Manuals Honda CB400C Manual

Clymer Manuals Honda CB400T Manual

Clymer Manuals Honda CB400T TYPE I Manual

Clymer Manuals Honda CB400T TYPE II Manual

Clymer Manuals Honda CB450SC NIGHTHAWK Manual

Clymer Manuals Honda CB450T Manual

Clymer Manuals Honda CM400A Manual

Clymer Manuals Honda CM400E Manual

Clymer Manuals Honda CM400T Manual

Clymer Manuals Honda CM450A Manual

Clymer Manuals Honda CM450C Manual

Clymer Manuals Honda CM450E Manual

Clymer Manuals Honda CMX450C Rebel Manual