

This Honda motorcycle manual is 440 pages.

## QUICK REFERENCE DATA

### CHAPTER ONE / GENERAL INFORMATION

Manual organization / Service hints / Torque specifications / Safety first / Special tips / Expendable supplies / Parts replacement / Serial numbers / Basic hand tools / Tune-up and troubleshooting tools / Specifications

### CHAPTER TWO / TROUBLESHOOTING

Operating requirements / Emergency troubleshooting / Engine starting / Engine performance / Engine noises / Excessive vibration / Front suspension and steering / Brake problems

### CHAPTER THREE / LUBRICATION, MAINTENANCE AND TUNE-UP

Routine checks / Pre-checks / Service intervals / Tires and wheels / Evaporation emission control (California models only) / Battery / Periodic lubrication / Engine oil and filter change / Final drive oil change / Front fork oil change / Periodic maintenance / Clutch adjustment / Throttle adjustment / Coolant change / Steering head adjustment / Air chamber drain / Tune-up / Air cleaner element / Valve clearance adjustment / Spark plugs / Ignition timing / Carburetor idle mix / Car synchronization / Idle speed adjustment / Specifications Specs

### CHAPTER FOUR / ENGINE

Engine principles / Servicing engine in frame / Engine removal/installation / Cylinder heads / Valves and valve components / Rocker arm assemblies / Camshafts / Oil pump / Oil strainer and pressure relief valve / Cylinder block and crankcase / Piston and connecting rods / Crankshaft / Camshaft chain inspection / Starter clutch assembly and gears / Break-in procedure / Specifications Specs

### CHAPTER FIVE / CLUTCH AND TRANSMISSION

Clutch / Hydraulic system / Master cylinder / Slave cylinder / Bleeding the clutch system / External shift mechanism / Transmission / Output shaft gear case assembly / Gearshift drum and forks / Specifications Specs

### CHAPTER SIX / FUEL, EXHAUST SYSTEM AND EMISSION CONTROLS

Carburetor operation / Carburetor service / Carburetor adjustments / Throttle cable replacement / Choke cable replacement / Automatic fuel shutoff valve / Fuel shutoff valve / Fuel filter / Fuel pump / Fuel tank / Crankcase breather system / Evaporative emission control system / Secondary air injection system / Exhaust system / Specifications Specs

### CHAPTER SEVEN / ELECTRICAL SYSTEM

Charging system / Alternator / Voltage regulator/rectifier / Transistorized ignition system / Spark unit / Ignition coil / Pulse generator / Spark plug / Starting system / Starter / Starter solenoid / Clutch diode / Lighting system / Switches / Electrical components / Instrument panel / Specifications Specs

### CHAPTER EIGHT / COOLING SYSTEM

Cooling system check / Pressure check / Radiator / Cooling fan / Thermostat / Water pump / Hoses / Specifications Specs

### CHAPTER NINE / FRONT SUSPENSION AND STEERING

Front wheel / Front hub / Wheel balance / Tire changing / Tire repairs / Handlebar / Steering head

and stem / Steering head bearing race / Front fork / Air joint assembly / Anti-dive front suspension / Specifications Specs

## **CHAPTER TEN / REAR SUSPENSION AND FINAL DRIVE**

Rear wheel / Rear hub / Tire changing / Final drive unit and drive shaft / Swing arm / Shock absorber / Pro-Link suspension system / Pivot arm assembly / Specifications Specs

## **CHAPTER ELEVEN / BRAKES**

Front disc brakes / Front master cylinder / Front brake pad replacement / Front caliper / Front brake hose replacement / Rear disc brake / Rear master cylinder / Rear brake pad replacement / Rear caliper / Rear brake hose replacement / Bleeding the system / Rear drum brake / Rear brake pedal / Specifications Specs

## **WIRING DIAGRAMS**

Models covered:

1983 1984 1985 1986 HONDA VF1100C (V65 MAGNA)  
1984 1985 HONDA VF1100S (V65 SABRE)  
1984 1985 1986 1987 HONDA VF700C (MAGNA)  
1984 1985 HONDA VF700S (SABRE)  
1982 1983, 1988 HONDA VF750C (V45 MAGNA)  
1982 1983 HONDA VF750S (V45 SABRE)

Clymer Manuals Honda VF700C Magna Manual  
Clymer Manuals Honda VF700S Sabre Manual  
Clymer Manuals Honda VF750C V45 Magna Manual  
Clymer Manuals Honda VF750S V45 Sabre Manual  
Clymer Manuals Honda VF1100C V65 Magna Manual  
Clymer Manuals Honda VF1100S V65 Sabre Manual