

This Honda Motorcycle Manual is 400 pages.

## QUICK REFERENCE DATA

### CHAPTER ONE / GENERAL INFORMATION

Manual organization / Notes, cautions and warnings / Safety first / Cleaning parts / Handling gasoline safely / Service hints / Serial numbers / Warning labels / Torque specifications / Fasteners / Lubricants / Sealants / cements and cleaners / Threadlocking compound / Basic hand tools / Precision measuring tools / Special tools / Mechanics tips / Bearing replacement / Seals

### CHAPTER TWO / TROUBLESHOOTING

Operaint requirements / Starting the engine / Starting difficulties / Spark test / Engine starting troubles / Engine performance / Engine noises / Engine lubrication / Hydraulic tappets / Engine leakdown test / Clutch / Gearshift linkage / Transmission / Electrical troubleshooting / Test equipment/ Basic test procedures / Electrical problems/ Charging system / Ignition system troubleshooting / Starting system troubleshooting / Carburetor troubleshooting / Front suspension and steering / Brakes

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

Fuel / Maintenance intervals schedule / Tune-up / Air filter / Engine compression test / Spark plugs / Ignition timing / Valve clearance / Carburetor adjustment / Fuel hose inspection / Fuel strainer screen / Control cable lubrication / Throttle cable operation and adjustment / Choke cable inspection / Clutch cable adjustment / Engine oil and filter change / Crankcase breather hose / Emission control systems / Front fork oil change / Drive chain / Brakes / Headlight aim / Sidestand and ignition cut-off switch / Steering bearings / Front suspension check / Rear suspension check / Unscheduled maintenance / Storage / Specifications

### CHAPTER FOUR and FIVE / ENGINE

Exhaust system / Cylinder head cover / Camshafts / Hydraulic tappets / Camchain tensioner / Rear oil pipes / Cylinder head / Valves and components / Cylinder block / Piston assembly and connecting rod small end / Removal installation / Oil cooler / Oil pan, oil pressure relief valve and oil strainer / Oil pump / Countershaft bearing cover / Crankcases / Crankshaft / Alternator shaft / Connecting rods / Break-in procedure / Specifications

### CHAPTER SIX / CLUTCH AND EXTERNAL GEARSHIFT LINKAGE

Right crankcase cover / Clutch release mechanism / Shift pedal / Drive sprocket cover / External gearshift linkage / Clutch cable / Specifications

### CHAPTER SEVEN / TRANSMISSION AND INTERNAL SHIFT MECHANISM

Troubleshooting / Overhaul / Inspection / Internal shift mechanism / Specifications

### CHAPTER EIGHT / FUEL AND EMISSION CONTROL SYSTEMS

Air filter housing / Carburetor operation / Carburetor assembly / Carburetor overhaul / Carburetor separation / Float level / Idle drop adjustment / Throttle cable replacement / Choke cable replacement / Fuel tank / Fuel shutoff valve / Draining the fuel tank / Emission control system labels / Crankcase breather system / Evaporative emission control system / Secondary air system supply system / Specifications

### CHAPTER NINE / ELECTRICAL SYSTEM

Basic information / Charging system / Alternator / Ignition system / Ignition control module / Ignition pulse generator / Ignition coils / Electric starting system / Starter relay switch / Clutch

diode / Lighting system / Headlight housing / Meter assembly / Switches / Turn signal relay replacement / Horn / Fuses / Specifications

#### **CHAPTER TEN / WHEELS, TIRES AND DRIVE CHAIN**

Front wheel / Speedometer gear and cable / Rear wheel / Wheel runout and balance / Front and rear hubs / Drive flange / Tubeless tire changing / Tire repairs / Sprocket replacement / Drive chain / Specifications

#### **CHAPTER ELEVEN / FRONT SUSPENSION AND STEERING**

Handlebar / Front fork / Steering head / Steering bearing preload check / Specifications

#### **CHAPTER TWELVE / REAR SUSPENSION**

Shock absorber / Rear swing arm / Specifications

#### **CHAPTER THIRTEEN / BRAKES**

Front disc brake / Brake fluid selection / Front caliper / Front master cylinder / Front brake hose replacement / Brake disc / Brake fluid draining / Brake bleeding / Rear drum brake / Rear brake pedal / Specifications

#### **CHAPTER FOURTEEN / BODY**

Seat / Side covers / Front fender / Rear fairing / Specifications

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#### **WIRING DIAGRAM**

Models covered:

1991 1992 1993 & 1995 1996 1997 1998 1999 Honda CB750 Nighthawk

Clymer Manuals Honda CB750 Nighthawk Manual