

This Honda motorcycle manual is 312 pages.

## QUICK REFERENCE DATA

### CHAPTER ONE / GENERAL INFORMATION

Manual organization / Notes, cautions and warnings / Service hints / Torque specifications / Safety first / Special tips / Expendable parts / Parts replacement / Serial numbers / Tune-up and troubleshooting tools / Hand tools / Mechanics tools

### 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 / Crankcase breather hose (U.S. models only) / Evaporation emission control (California models only) / Battery / Periodic lubrication / Periodic maintenance / Tune-up / Specifications

### CHAPTER FOUR / ENGINE

Engine / Cylinder head and camshaft / Valves and valve components / Camshaft chain and tensioner / Cylinder / Piston, piston pin and piston rings / Ignition advance mechanism / Ignition advance mechanism (breaker point ignition) / Alternator / Oil pump / Oil pump and clutch drive gears / Crankcase / Crankshaft and connecting rods / Kickstarter / Break-in procedure / Specifications

### CHAPTER FIVE / CLUTCH AND TRANSMISSION

Clutch / Clutch cable / Shifting mechanism / Drive sprocket / Transmission / Gearshift drum and forks / Specifications

### CHAPTER SIX / FUEL AND EXHAUST

Carburetor operation / Carburetor service / Carburetor (CM185T and CM200T models) / Carburetor (CM250C and Rebel 250 models) / Carburetor adjustments / Throttle cable replacement / Choke cable replacement / Fuel tank / Crankcase breather system (U.S. only) / Evaporative emission control system 1983-on California models only / Exhaust system / Specifications

### CHAPTER SEVEN / ELECTRICAL SYSTEM

Charging system / Alternator / Rectifier (CM185T) and regulator/rectifier (CM200T) / Voltage regulator/rectifier (CM250C, Rebel 250) / Ignition system (contact breaker point) / Ignition coil (contact breaker point ignition) / Ignition advance mechanism (contact breaker point ignition) / Ignition advance mechanism (contact breaker point ignition) / Ignition system (electronic ignition) / Ignition pulse generator / CDI unit / Ignition coil (electronic ignition) / Starting system / Starter / Starter solenoid / Clutch diode (CM250C, Rebel 250) / Lighting system / Switches / Electrical components / Specifications

### CHAPTER EIGHT / FRONT SUSPENSION AND STEERING

Front wheel / Inspection / Front hub / Wheels / Tire changing / Tire repairs / Handlebar / Steering head and stem / Front fork / Specifications

### CHAPTER NINE / REAR SUSPENSION

Rear wheel / Rear hub / Final driven sprocket and flange (Rebel 250) / Final driven sprocket (CM185T, CM200T and 1982 CM250C) / Drive pulley, final driven pulley and drive belt / Drive chain

/ Swing arm / Shock absorbers / Specifications

## **CHAPTER TEN / BRAKES**

Front drum brake / Front disc brake / Front brake pad replacement / Front master cylinder / Front caliper / Front brake hose replacement / Front brake disc / Bleeding the system / Rear drum brake / Front brake cable (drum brake models) / Rear brake pedal / Specifications

## **CHAPTER ELEVEN / FRAME**

Kickstand (sidestand) / Centerstand (models so equipped) / Footpegs / Frame / Specifications

## **CHAPTER TWELVE / 1991 AND LATER SERVICE INFORMATION**

Routine checks / Battery / Periodic maintenance / Tune-up / Engine / Specifications / Clutch / Fuel tank / Charging system (Nighthawk 250) / Ignition system / Starting system / Starter solenoid (starter relay switch) / Clutch diode (clutch/sidestand diode and neutral switch diode) / Lighting system / Switches / Electrical components / Front wheel (Rebel 250) / Front brake pad replacement (Rebel 250) / Front caliper (Rebel 250) / Front brake hose replacement (Rebel 250) / Rear fairing (Nighthawk 250) / Specifications

## **INDEX**

## **WIRING DIAGRAMS**

Models covered:

1991-2002 HONDA CB250 NIGHTHAWK  
1978-1979 HONDA CM185T  
1980-1982 HONDA CM200T  
1982-1983 HONDA CM250C  
1985-1987, 1996-2015 HONDA CMX250C REBEL  
1986 HONDA CMX250CD

Clymer Manuals Honda CB250 Nighthawk Manual  
Clymer Manuals Honda CM185T Manual  
Clymer Manuals Honda CM200T Manual  
Clymer Manuals Honda CM250C Manual  
Clymer Manuals Honda CMX250C Rebel Manual  
Clymer Manuals Honda CMX250CD Manual  
Clymer Manuals Honda Nighthawk 250 Manual  
Clymer Manuals Honda Rebel 250 Manual  
Clymer Manuals Honda CB250 Manual  
Clymer Manuals Honda CM250 Manual  
Clymer Manuals CB250 Nighthawk Manual