

This Honda Nighthawk manual is 312 pages.

QUICK REFERENCE DATA

CHAPTER ONE / GENERAL INFORMATION

Manual organization / Service hints / Safety first / Expendable supplies / Shop tools / Emergency tool kit / Troubleshooting and tune-up equipment

CHAPTER TWO / TROUBLESHOOTING

Starting difficulties / Poor performance / Clutch and transmission / Drive train / Chassis / Brakes / Electrical system / Charging system / Lighting system / Fuses / Wiring

CHAPTER THREE / LUBRICATION, MAINTENANCE AND TUNE-UP

Routine checks / Pre-checks / Service intervals / Engine oil and filter change / Tires and wheels / Crankcase breather hose (U.S. models only) / Evaporative emission control / Battery / Periodic lubrication / Engine oil and filter change / Final drive oil change / Fork oil change / Cable lubrication / Periodic maintenance / Brake fluid level check / Clutch fluid level check / Air filter element change / Steering head adjustment / Crankcase breather / Tune-up / Compression check / Spark plugs / Ignition timing / Carburetor idle mixture / Carburetor synchronization / Idle speed adjustment / Specifications

CHAPTER FOUR / ENGINE

Engine principles / Hydraulic valve tappet system / Servicing engine in frame / Engine removal/installation / Camshaft / Cylinder head / Hydraulic tappets / Valves and valve components / Cylinder block / Piston, piston pin and piston rings / Oil pump / Oil strainer and pressure relief valve / Oil cooler / Alternator / Starter clutch / Crankcase and crankshaft / Crankshaft and connecting rods / Camshaft and alternator chain inspection / Break-in procedure / Specifications

CHAPTER FIVE / CLUTCH AND TRANSMISSION

Clutch / Clutch hydraulic system / Master cylinder / Hose replacement / Slave cylinder / Bleeding the clutch / External shift mechanism / Transmission / Output gear case / Gearshift drum and forks / Specifications

CHAPTER SIX / FUEL AND EXHAUST SYSTEMS

Carburetor operation / Carburetor service / Carburetor adjustments / Throttle cable replacement / Choke cable replacement / Automatic fuel shutoff valve / Fuel tank / Crankcase breather system / Evaporative emission control system / Exhaust system / Specifications

CHAPTER SEVEN / ELECTRICAL SYSTEM

Electrical component replacement / Charging system / Alternator / Ignition system / Spark unit / Ignition coil / Pulse generator / Starting system / Starter / Starter solenoid / Clutch diode / Lighting system / Switches / Electrical components / Specifications

CHAPTER EIGHT / FRONT SUSPENSION AND STEERING

Front wheel / Front hub / Wheel balance / Tire changing / Tire repairs / Handlebar / Steering head and stem / Front fork / Anti-dive front suspension / Specifications

CHAPTER NINE / REAR SUSPENSION AND FINAL DRIVE

Rear wheel / Rear hub / Final drive unit / Universal joint / Shock absorbers / Swing arm / Specifications

CHAPTER TEN / BRAKES

Front disc brake / Master cylinder / Brake pad replacement / Caliper / Brake hose replacement / Brake disc / Bleeding the system / Rear drum brake / Rear brake pedal / Specifications

CHAPTER ELEVEN / FRAME

Kickstand (sidestand) / Centerstand / Footpegs / Side covers and seat / Rear fender / Frame / Specifications

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WIRING DIAGRAMS

Models covered:

1983 Honda CB550SC

1983 1984 1985 Honda CB650SC

CB550

CB650

CB 550 650 550C 650SC C SC

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