

This Honda motorcycle manual is 392 pages.

QUICK REFERENCE DATA

CHAPTER ONE / GENERAL INFORMATION

Manual organization / Notes, cautions and warnings / Safety first / Service Hints / Washing the bike / Torque specifications / Fasteners / Lubricants / Expendable supplies / Parts replacement / Emissions control and battery decals / Basic hand tools / Precision measuring tools / Special tools / Mechanic's tips / Riding safety

CHAPTER TWO / TROUBLESHOOTING

Operating requirements / Troubleshooting instruments / Starting the engine / Starting difficulties / Engine starting troubleshooting / Engine performance / Engine noises / Excessive vibration / Clutch / Transmission / Ignition system / Front suspension and steering / Brakes

CHAPTER THREE / LUBRICATION, MAINTENANCE AND TUNE-UP

Routine checks / Pre-ride inspection checks / Service maintenance intervals / Engine oil and filter change / Air filter change / Fork oil change / Control cables / Crankcase breather hose / Evaporation emission control / Periodic lubrication / Engine oil and filter change / Final drive oil change / Fork oil change / Control cable lubrication / Periodic maintenance / Air filter replacement / Fuel filter replacement / Cooling system inspection / Coolant change / Steering head adjustment / Tune-up / Spark plugs / Compression test / Carburetor idle mixture / Carburetor synchronization / Idle speed adjustment / Specifications

CHAPTER FOUR / ENGINE

Hydraulic valve adjuster system / Removal installation / Cylinder head cover and camshaft / Cylinder heads / Valves and components / Rocker arm assemblies / Hydraulic tappets / Cylinder / Piston, pin and rings / Oil pump drive sprockets and drive chain / Oil pump / Oil pressure relief valve / Primary drive gear / Crankcase / Crankshaft / Connecting rods / Output gear unit / Alternator rotor, starter clutch assembly and starter gears / Break-in / Specifications

CHAPTER FIVE / CLUTCH

Clutch oil relief valve / Clutch hydraulic system / Clutch master cylinder / Slave cylinder / Bleeding the clutch / Clutch oil pressure check / Specifications

CHAPTER SIX / TRANSMISSION AND GEARSHIFT MECHANISM

External shift mechanism / Internal shift mechanism / Specifications

CHAPTER SEVEN / FUEL, EMISSION CONTROL AND EXHAUST SYSTEMS

Carburetor service and adjustments / Air filter case / Throttle cable / Choke cable / Fuel shutoff valve / Fuel filter / Fuel pump / Fuel tanks / Crankcase breather system / Evaporative emission system / Exhaust system / Specifications

CHAPTER EIGHT / ELECTRICAL SYSTEM

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

CHAPTER NINE / COOLING SYSTEM

Radiator / Cooling fan / Thermostat / Water pump / Coolant pipes / Coolant hoses / Specifications

CHAPTER TEN / FRONT SUSPENSION AND STEERING

Front wheel / Front hub / Handlebar / Steering head and stem / Steering head bearing races / Front fork / Specifications

CHAPTER ELEVEN / REAR SUSPENSION AND FINAL DRIVE

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

CHAPTER TWELVE / BRAKES

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

CHAPTER THIRTEEN / FRAME AND REPAINTING

Kickstand / Centerstand / Footpegs / Seats / Front fender / Rear fender and grab rail / Frame / Specifications

INDEX

WIRING DIAGRAMS

Models covered:

1985 1986 1987 1988 1989 1990, 1992 1993 1994 1995 1996 Honda VT1100C Shadow VT1100

Clymer Manuals Honda VT1100C Shadow