

This Honda Shadow Manual is 456 pages.

## QUICK REFERENCE DATA

### CHAPTER ONE / GENERAL INFORMATION

Manual organization / Warnings, cautions and notes / Safety / Serial numbers / Fasteners / Shop supplies / Basic tools / Precision measuring tools / Electrical system fundamentals / Special tools / Basic service methods / Storage / Specifications

### CHAPTER TWO / TROUBLESHOOTING

Engine operating requirements / Starting the engine / Engine will not start / Poor engine performance / Fuel system / Engine / Engine lubrication / Cylinder leakdown test / Clutch / Gearshift linkage / Transmission / Electrical testing / Front suspension and steering / Brake system / Specifications

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

Fuel type / Tune-Up / Cylinder identification and firing order / Air filter / Crankcase breather inspection / Engine compression test / Spark plugs / Ignition timing inspection / Valve clearance / Carburetor / Fuel hose inspection / Throttle cable / Clutch cable adjustment / Speedometer cable lubrication / Engine oil and filter / Cooling system / Emission control systems inspection / Battery / Tires and wheels / Steering bearing inspection / Front suspension inspection / Rear suspension inspection / Brakes / Drive chain / Lights and horn / Sidestand and ignition cut-off switch inspection / Fastener inspection / Specifications

### CHAPTER FOUR / ENGINE TOP END

Servicing the engine in the frame / Cylinder head covers / Camshafts / Cam chain tensioner and cam chain / Cylinder head / Valves and valve components / Cylinder / Piston and piston rings / Cylinder stud replacement / Specifications

### CHAPTER FIVE / ENGINE LOWER END

Removal installation / Shop cleanliness / Servicing engine in frame / Engine / Crankcase / Crankcase seal and bearing replacement / Crankshaft Connecting rods / Oil pump

### CHAPTER SIX / CLUTCH AND EXTERNAL SHIFT MECHANISM

Clutch cable / Right crankcase cover / Clutch release lever / Clutch / Primary drive gear / External shift mechanism / Specifications

### CHAPTER SEVEN / TRANSMISSION AND INTERNAL SHIFT MECHANISM

Transmission operation / Transmission / Internal shift mechanism / Specifications

### CHAPTER EIGHT / FUEL AND EMISSION CONTROL SYSTEMS

Fuel system precautions / Fuel hose identification / Air filter housing / Air filter chamber / Sub-air filter element / Carburetor operation / Carburetor service / Carburetor adjustment / Carburetor heater and air temperature switch / Throttle cable replacement / Choke cable replacement / Fuel filter / Fuel pump / Fuel tank / Crankcase breather system / Evaporative emission control system (California models) / Specifications

### CHAPTER NINE / ELECTRICAL SYSTEM

Electrical component location / Battery / Charging system / Stator coil and left crankcase cover / Flywheel, starter clutch and starter reduction gears / Ignition system troubleshooting / Ignition coils / Ignition pulse generator / Ignition pulse generator rotor / Ignition control module ICM /

Starting system troubleshooting / Starter / Starter relay switch / Clutch diode / Lighting system / Headlight housing / Speedometer assembly / Speedometer/speed sensor / Coolant temperature circuit troubleshooting / Coolant temperature switch / Fan switch / Oil pressure indicator and oil pressure switch / Neutral indicator and neutral switch / Sidestand switch / Clutch switch / Front brake light switch / Rear brake light switch / Ignition switch / Handlebar switch / Switch continuity test / Turn signal relay / Horn / Fuses / Wiring diagrams / Specifications

#### **CHAPTER TEN / COOLING SYSTEM**

Temperature warning system / Cooling system inspection / Radiator / Cooling fan / Coolant reserve tank / Thermostat / Water pump / Specifications

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

Speedometer gear and cable / Front and Rear wheel / Driven flange / Front and rear hubs / Drive and driven sprockets / Drive chain / Specifications

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

Handlebar / Handlebar grips and weights / Front fork / Steering head and stem / Steering bearing preload check / Steering head bearing and race / Specifications

#### **CHAPTER THIRTEEN / REAR SUSPENSION**

Shock absorber / Swing arm / Specifications

#### **CHAPTER FOURTEEN / BRAKES**

Brake pads / Caliper / Front master cylinder / Front brake hose / Brake disc / Brake bleeding and fluid draining / Rear drum brake / Rear brake pedal / Specifications

#### **CHAPTER FIFTEEN / BODY AND EXHAUST SYSTEM**

Seat / Side covers / Steering covers (VT750C) / Front fender / Rear fender / Grab rail / Exhaust system / Specifications

#### **COLOR WIRING DIAGRAMS**

Models covered:

1998 1999 2000 VT750C Shadow Ace VT 750 VT750

1998 1999 2000 2001 2002 2003 VT750CD Shadow Ace Deluxe VT 750CD 750 CD

2001 2002 2003 2004 2005 2006 VT750DC Shadow Spirit VT750 VT 750 750DC DC

American Classic Edition

Clymer Manuals Honda VT750C Shadow Ace Manual

Clymer Manuals Honda VT750CD Shadow Ace Deluxe Manual

Clymer Manuals Honda VT750DC Shadow Spirit Manual

Clymer Manuals Honda VT750C Shadow Ace Online Manual

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