

This Suzuki GSX-R750 Manual is 472 pages.

## QUICK REFERENCE DATA

### CHAPTER ONE / GENERAL INFORMATION

Manual organization / Notes, cautions and warnings / Safety first / Service hints / Torque specifications / Fasteners/ Lubricants / Expendable supplies / Parts replacement / Emission control and battery labels / Basic hand tools / Precision measuring tools / Fabricating tools / Mechanics tips / Ball bearing replacement / Seals / Riding safety / Storage / Specifications

### CHAPTER TWO / TROUBLESHOOTING

Operating requirements / Troubleshooting instruments / Starting the engine / Starting difficulties / Engine starting system / Charging system / Ignition system / Fuel system / Engine overheating / Engine noises / Cylinder leak down test / Clutch / Transmission / Drive train noise / Handling / Frame noise / Brakes / Specifications

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

Pre-ride check list / Maintenance schedule / Engine oil and filter change / Oil pan and sump filter / Oil pressure test / Control cable lubrication / Drive chain / Periodic lubrication / Periodic maintenance / Air filter / Engine tune-up / Measure adjust valve clearance / Cylinder compression test / Spark plugs / Ignition timing / Idle speed adjustment / Carburetor throttle valve synchronization / Specifications

### CHAPTER FOUR / ENGINE TOP END

Exhaust system / Cylinder head cover / Camshaft / Camshaft chain tensioner and guides / Camshaft drive chain / Cylinder head / Valve lifter and shim / Valves and components / Cylinder block / Piston and rings / Specifications

### CHAPTER FIVE / ENGINE LOWER END

Removal installation / Oil pump / Oil pan and strainer / Oil pressure regulator / Oil cooler / Starter clutch and gears / Crankcase / Crankshaft / Connecting rods / Engine break-in / Specifications

### CHAPTER SIX / CLUTCH AND EXTERNAL SHIFT MECHANISM

External shift mechanism / Clutch lifter mechanism / Clutch cable / Specifications

### CHAPTER SEVEN / TRANSMISSION AND INTERNAL SHIFT MECHANISM

Internal shift mechanism / Specifications

### CHAPTER EIGHT / FUEL AND EMISSION CONTROL SYSTEMS

Carburetor / Pilot screw / Fuel level / Carburetor float height / Fuel injection system / Depressurizing the fuel system / Fuel injection precautions / Fault codes / Throttle body / Fuel pressure inspection / Throttle cable / Choke or fast idle cable / Air box / Fuel tank / Fuel valve / Fuel pump and fuel filter / PAIR system / Crankcase breather system / Evaporative emission control system / Specifications

### CHAPTER NINE / ELECTRICAL SYSTEM

Battery / Charging system / Voltage regulator rectifier / Alternator / Transistorized ignition system / Starting system / Starter relay / Lighting / Switches / Turn signal relay / Fuel pump and relay / Thermostatic fan switch / Fuses / Specifications

### CHAPTER TEN / COOLING SYSTEM

Hoses and clamps / Inspection / Radiator and fan / Fan / Thermostat / Water pump / Fan thermoswitch / Coolant temperature sensor / Specifications

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

Rear coupling / driven sprocket / Hubs / Drive chain / Sprockets / Specifications

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

Handlebar / Steering head and stem / Steering stem bearing / Front fork / Specifications

## **CHAPTER THIRTEEN / REAR SUSPENSION**

Shock absorber / Swing arm / Shock linkage / Specifications

## **CHAPTER FOURTEEN / BRAKES**

Brake pads / Caliper / Master cylinder / Brake hose / Brake disc / Bleeding the system / Rear brake pedal / Specifications

## **CHAPTER FIFTEEN / BODY AND FRAME**

Seats and rear tail piece / Front fairing / Fairing lower side panels / Upper fairing / Rear frame cover / Sidestand / Specifications

## **INDEX**

## **WIRING DIAGRAMS**

Models covered:

1996 Suzuki GSX-R750T GSXR750T GSXR750 GSXR GIXXER 750T 750 T  
1997 Suzuki GSX-R750V GSXR750V GSXR750 GSXR GIXXER 750V 750 V  
1998 Suzuki GSX-R750W GSXR750W GSXR750 GSXR GIXXER 750W 750 W  
1999 Suzuki GSX-R750X GSXR750X GSXR750 GSXR GIXXER 750X 750 X  
GSX-R

Clymer Manuals Suzuki GSX-R750 Manual  
Clymer Manuals Suzuki GSX-R750T Manual  
Clymer Manuals Suzuki GSX-R750V Manual  
Clymer Manuals Suzuki GSX-R750W Manual  
Clymer Manuals Suzuki GSX-R750X Manual

GSX-R750T (1996)  
GSX-R750V (1997)  
GSX-R750W (1998)  
GSX-R750X (1999)