

This Suzuki motorcycle manual is 592 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 / Riding safety / Specifications

### CHAPTER TWO / TROUBLESHOOTING

Operating requirements / Troubleshooting instruments / Engine performance / Engine noises / Engine lubrication / Clutch / Transmission / Electrical problems / Excessive vibration / Carburetor troubleshooting / Brake problems / Specifications

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

Routine checks / Pre-checks / Service maintenance schedule intervals / Periodic maintenance / Engine oil and filter change / Fork oil change / Control cable lubrication / Air filter cleaning service change / Fuel shut off valve / Tune-up / Torque cylinder head bolts / Adjust valve clearance / Compression test / Set idle speed / Spark plugs / Carburetor synchronization / Idle mixture / Specifications

### CHAPTER FOUR / ENGINE

Removal installation / Cylinder head cover / Camshafts / Rocker arms assemblies / Cylinder head / Valves and components / Cylinder block / Pistons, pins and rings / Oil cooler / Oil pan, oil strainer and oil pressure regulator / Starter clutch and gears / Crankcase / Crankshaft / Connecting rods / Specifications

### CHAPTER FIVE / CLUTCH

Clutch / Clutch lifter mechanism / Specifications

### CHAPTER SIX / TRANSMISSION AND GEARSHIFT MECHANISMS

Engine drive sprocket and cover / External gearshift mechanism / Transmission / Internal gear shift mechanism / Specifications

### CHAPTER SEVEN / FUEL, EMISSION CONTROL AND EXHAUST SYSTEMS

Carburetor operation service assembly separation adjustments / Throttle cable / Air filter air case / Fuel tank / Fuel level gauge / Fuel filter / Crankcase breather system / Purge control valves and charcoal canister / Air suction system / Gasoline/alcohol blend test / Exhaust system / Specifications

### CHAPTER EIGHT / ELECTRICAL SYSTEM

Alternator / Transistorized ignition system / Electric starter / Starter solenoid / Switches / Relays / Electrical components / Fuses / Specifications

### CHAPTER NINE / FRONT SUSPENSION AND STEERING

Tires / Tubeless tire changing / Tire repairs / Steering head and stem / Specifications

### CHAPTER TEN / REAR SUSPENSION

Rear wheel / Caliper bracket / Rear hub / Driven sprocket / Drive chain / Swing arm, shock absorber and shock lever / Shock absorber adjustments / Specifications

## **CHAPTER ELEVEN / BRAKES**

Disc brakes / Brake pad replacement / Front brake caliper / Rear brake caliper / Front master cylinder / Rear master cylinder / Front brake hose / Rear brake hose / Brake disc / Bleeding the system / Specifications

## **CHAPTER TWELVE / BODY AND FRAME**

Seat and tail cover / Front fairing and mounting bracket / Sidestand / Specifications

## **INDEX**

## **WIRING DIAGRAMS**

Models covered:

1988 1989 1990 1991 1992 Suzuki GSX-R750 GSXR750 GSXR 750

1989 1990 1991 1992 1993 1994 1995 1996 Suzuki GSX750F GSXR750 GSXR 750 F Katana

Gixxer

GSX-R

Clymer Manuals Suzuki GSX-R750 Manual

Clymer Manuals Suzuki GSX750F Katana Manual

GSX-R750 (1988-1992)

GSX750F Katana (1989-1996)