

This Suzuki motorcycle manual is 464 pages.

QUICK REFERENCE DATA

CHAPTER ONE / GENERAL INFORMATION

Manual organization / Notes, cautions and warnings / Safety first / Service hints / Torque specifications / Fasteners / Lubricants / RTV gasket sealant / Threadlock / Gasket remover / Expendable supplies / Tools / Measuring tools / Special tools / Cleaning solvent / Mechanics tips / Ball bearing replacement / Oil seals / Riding safety / Specifications

CHAPTER TWO / TROUBLESHOOTING

Operating requirements / Troubleshooting instruments / Troubleshooting / Engine performance / Engine noises / Engine lubrication / Clutch / Transmission / Excessive vibration / Carburetor troubleshooting / Front suspension and steering / Brake problems / Specifications

CHAPTER THREE / LUBRICATION, MAINTENANCE AND TUNE-UP

Routine checks / Engine stop switch / Pre-checks / Service maintenance schedule intervals / Periodic lubrication / Engine oil and filter change / Final drive oil change / Fork oil change / Control cable lubrication / Periodic maintenance / Front rear air filter change / Tune-up / Valve clearance measurement adjustment / Engine compression test / Spark plugs / Idle speed adjustment / Idle mixture / Carburetor synchronization / Specifications

CHAPTER FOUR / ENGINE

Removal installation / Front cylinder head cover and camshaft / Rear cylinder head cover and camshaft / Camshaft / Cylinder head and cylinder / Valves and valve components / Pistons and piston rings / Oil pump / Primary drive gear / Secondary gear assembly / Crankcase / Crankshaft and connecting rods / Break-in / Specifications

CHAPTER FIVE / CLUTCH

Clutch / Clutch hydraulic system / Master cylinder / Slave cylinder / Bleeding the system / Specifications

CHAPTER SIX / TRANSMISSION AND GEARSHIFT MECHANISMS

External gearshift mechanisms / Transmission / Specifications

CHAPTER SEVEN / FUEL, EMISSION CONTROL AND EXHAUST SYSTEMS

Carburetor operation / Carburetor service / Carburetor assembly / Carburetor service / Carburetor adjustments / Throttle cable replacement / Fuel tank / Fuel shutoff valve and filter / Fuel pump / Crankcase breather system / Evaporative emission control system / Exhaust system / Specifications

CHAPTER EIGHT / ELECTRICAL SYSTEM

Electrical connectors / Battery negative terminal / Charging system / Voltage regulator/rectifier / Alternator / Transistorized ignition system / Starter system / Electric starter / Starter clutch and gears / Starter relay / Lighting system / Switches / Fuses / Circuit breaker / Wiring diagrams / Specifications

CHAPTER NINE / LIQUID COOLING SYSTEM

Hoses and hose clamps / Cooling system check / Pressure check / Cooling fan, shroud and fan duct / Thermostat and housing / Water pump / Hoses / Specifications

CHAPTER TEN / FRONT SUSPENSION AND STEERING

Front hub / Wheels / Tire changing / Tire repairs / Handlebar / Steering head and stem / Front fork / Specifications

CHAPTER ELEVEN / REAR SUSPENSION AND FINAL DRIVE

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

CHAPTER TWELVE / BRAKES

Disc brakes / Front brake pad / Front brake caliper / Front brake hose / Front brake disc / Bleeding the system / Rear drum brake / Rear brake pedal and linkage / Specifications

CHAPTER THIRTEEN / BODY AND FRAME

Seats / Frame side covers / Frame head side covers / Footpegs / Sidestand / Front fender / Frame / Specifications

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WIRING DIAGRAMS

Models covered:

1986 1987 Suzuki VS700 (U.S.)

1985 1986 1987 1988 1989 1990 1991 Suzuki VS750 (U.K.)

1988 1990 1991 Suzuki VS750 (U.S.)

1992 1993 1994 1995 1996 1997 Suzuki VS800 (U.K.)

1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 Suzuki VS800 (U.S.)

2005 2006 2007 2008 2009 Suzuki VS800/S50

VS700 Intruder (U.S.) (1986-1987)

VS750 Intruder (U.S.) (1988-1991)

VS800 Intruder (U.S.) (1992-2004)

VS800 Boulevard S50 (2005-2009)

VS750 (U.K.) (1985-1991)

VS800 (U.K.) (1992-1997)