

This Suzuki Boulevard Manual is 440 pages.

QUICK REFERENCE DATA

CHAPTER ONE / GENERAL INFORMATION

Manual organization / Notes, cautions and warnings / Safety first / Service hints / Washing the bike / Torque specifications / Special tips / Fasteners / Lubricants / Threadlocking compound / Expendable supplies / Serial numbers / Warning and information labels / Basic hand tools / Precision measuring tools / Special 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 / Poor idle speed performance / Poor medium and high speed performance / Engine starting system / Ignition system / Fuel system / Engine overheating / Engine / Engine noises / Engine leakdown test / Clutch / Transmission / Final drive / Handling / Frame noise / Brakes / Specifications

CHAPTER THREE / LUBRICATION, MAINTENANCE AND TUNE-UP

Routine checks / Pre-ride inspection / Service intervals / Tires and wheels / Battery / Battery electrical cable connectors / Periodic lubrication / Engine oil and filter change / Engine oil pressure test / Final drive oil change / Speedometer cable lubrication / Swing arm bearing assembly lubrication / Periodic maintenance / Throttle grip free play / Automatic compression release cable free play check and adjustment / Air filter / Steering head adjustment check / Tune-up / Compression test / Spark plugs / Ignition timing / Carburetor idle speed adjustment / Carburetor idle mixture / Carburetor cable synchronization / Specifications

CHAPTER FOUR / ENGINE UPPER END

Engine principles / Servicing engine in frame / Engine / Front cylinder head cover and camshaft / Rear cylinder head cover and camshaft / Camshaft / Rocker arm assemblies / Hydraulic tappets (valve lash adjusters) / Cylinder head and cylinder / Valves and valve components / Pistons and piston rings / Specifications

CHAPTER FIVE / ENGINE LOWER END

Oil cooler / Primary drive gear and rear cylinder camshaft chain and sprocket / Secondary gear assembly / Crankcase / Engine break-in / Specifications

CHAPTER SIX / CLUTCH AND EXTERNAL SHIFT MECHANISM

External gearshift mechanism / Clutch / Clutch hydraulic system / Master cylinder / Slave cylinder / Bleeding the system / Specifications

CHAPTER SEVEN / TRANSMISSION AND INTERNAL SHIFT MECHANISM

Transmission / Internal gearshift mechanism / Specifications

CHAPTER EIGHT / FUEL, EMISSION CONTROL AND EXHAUST SYSTEM

Carburetor operation / Carburetor service / Carburetor assembly / Carburetor service / Carburetor adjustments / Throttle cable replacement / Fuel tank / Fuel shutoff valves / Fuel pump / Crankcase breather system (U.S. only) / Evaporative emission control system (California models only) / Exhaust system / Specifications

CHAPTER NINE / ELECTRICAL SYSTEM

Basic information / Electrical connectors / Battery negative terminal / Charging system / Voltage

regulator/rectifier / Alternator / Transistorized ignition system / Automatic compression release control and starter system / Electric starter / Starter clutch and gears / Starter relay / Lighting system / Switches / Electrical components / Fuses / Wiring diagrams / Specifications

CHAPTER TEN / FRONT SUSPENSION AND STEERING

Front wheel / Front hub / Wheels / Tires / Tire changing / Tire repairs / 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, drive shaft and universal joint / Swing arm / Shock absorbers / Specifications

CHAPTER TWELVE / BRAKE SYSTEM

Disc brakes / Front brake pad replacement / Front brake caliper / Front master cylinder / Rear brake pad replacement / Rear brake caliper / Brake caliper disassembly/inspection/assembly (all models) / Rear master cylinder / Brake hose replacement / Brake disc / Bleeding the system / Rear brake pedal / Specifications

CHAPTER THIRTEEN / BODY AND FRAME

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

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WIRING DIAGRAMS

Models covered:

2005 2006 2007 Suzuki Boulevard S83

1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003

2004 Suzuki VS1400 Intruder

Clymer Manuals Suzuki Boulevard S83 Manual

Clymer Manuals Suzuki VS1400 Intruder Manual

VS1400 Intruder (1987-2004)

Boulevard S83 (2005-2007)