

This Suzuki GSX-R600/750 Manual is 544 pages.

QUICK REFERENCE DATA

CHAPTER ONE / GENERAL INFORMATION

Manual organization / Warnings, cautions and notes / Safety / Serial numbers / Fasteners / Shop supplies / Tools / Measuring tools / Electrical system fundamentals / Service methods / Storage / Specifications

CHAPTER TWO / TROUBLESHOOTING

Starting the engine / Starting procedure / Engine will not start / Poor engine performance / Fuel system / Engine / Engine lubrication / Leakdown test / Clutch / Gearshift linkage / Transmission / Electrical testing / Electrical troubleshooting / Steering and suspension / Brake system / Specifications

CHAPTER THREE / LUBRICATION / MAINTENANCE AND TUNE-UP

Maintenance intervals / Pre-ride inspection / Tune-up / Compression test / Ignition timing / Valve clearance / Spark plug / Engine oil / Air filter / Throttle cable / Idle speed / Throttle valve synchronization / Fuel line inspection / Pair system / Evaporative emission control system / Exhaust control valve / Specifications

CHAPTER FOUR / ENGINE TOP END

Cylinder head / Camshaft / Cam chain tensioner / Cam chain, guides and timing rotor / Valve lifter and shim / Valves and components / Specifications

CHAPTER FIVE / ENGINE LOWER END

Removal installation / Starter idler cover / Starter clutch and gears / Alternator cover / Flywheel / Oil pump / Oil cooler / Oil pan and strainer / Crankcase / Crankshaft / Balancer shaft / Connecting rod / Piston and piston rings / Break-in / Specifications

CHAPTER SIX / CLUTCH

Clutch cover / Release mechanism / Lever assembly / Cable / Specifications

CHAPTER SEVEN / TRANSMISSION, SHIFT MECHANISM AND ENGINE SPROCKET

Engine sprocket cover / Engine sprocket / Shift pedal / footpeg assembly / External shift mechanism / Internal shift mechanism / Specifications

CHAPTER EIGHT / AIR, FUEL INJECTION, EMISSIONS AND EXHAUST SYSTEMS

Fuel tank / Fuel pump / Fuel pressure test / Fuel level sensor / Fuel pump relay / Pressure regulator / Air filter housing / Throttle bodies / Fuel injectors / Throttle position TP sensor / Secondary throttle position STP sensor / Secondary throttle valve actuator STVA / Throttle cable / Atmospheric pressure AP sensor / Camshaft position CMP sensor / Engine coolant temperature ECT sensor / Intake air pressure IAP sensor / Intake air temperature IAT sensor / Tip over TO sensor / Exhaust system / Exhaust control valve actuator EXCVA / Exhaust control valve EXCV / Evaporative emissions control system / PAIR system / Diagnostic system / Specifications

CHAPTER NINE / ELECTRICAL SYSTEM

Battery / Charging system / Voltage regulator / Rectifier / Stator coil / Ignition system / Crankshaft position CKP sensor / Ignition coil / plug cap / Immobilizer system / Engine control module ECM / Starting system / Starter and relay / Sidestand / Gear position GP sensor / Turn signal / Lighting / Horn / Meter assembly / Speed sensor / Oil pressure switch / Switches / Specifications

CHAPTER TEN / COOLING SYSTEM

Temperature warning system / Inspection / Reservoir / Radiator / Fan / Fan relay / Engine coolant temperature ECT sensor / Thermostat / Water pump / Specifications

CHAPTER ELEVEN / WHEELS, TIRES AND DRIVE CHAIN

Front and rear wheel and hub / Rear coupling and sprocket / Specifications

CHAPTER TWELVE / FRONT SUSPENSION AND STEERING

Handlebar / Grip / Steering head and stem / Steering head bearing race / Steering stem race / Steering damper / Front fork / Specifications

CHAPTER THIRTEEN / REAR SUSPENSION

Shock absorber / Suspension linkage / Swing arm / Bearing replacement / Swing arm pivot boss / Specifications

CHAPTER FOURTEEN / BRAKES

Brake bleeding / Pad inspection / Caliper / Front and rear master cylinder / Brake pedal / Footpeg / Brake disc / Brake hose / Specifications

CHAPTER FIFTEEN / BODY AND FRAME

Seat / Tank panel / Tail cover / Tailpiece / Center cover / Fairing / Intake duct / Engine cover / Bracket cover / Mirror / Windshield / Fender / Sidestand / Specifications

COLOR WIRING DIAGRAMS

Models covered:

2006 2007 2008 2009 Suzuki GSX-R600

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Clymer Manuals Suzuki GSX-R600/750 Manual

GSX-R600/750 (2006-2009)