

### This Yamaha FZR600 manual is 384 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 / Special tools / Mechanics tips / Riding safety / Specifications

### CHAPTER TWO / TROUBLESHOOTING

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

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

Routine checks / Pre-checks / Maintenance intervals / Tires / Battery / Periodic lubrication / Engine oil and filter change / Front fork oil change / Swing arm bearing lubrication / Relay arm and connecting arm lubrication / Speedometer cable lubrication / Drive chain lubrication / Periodic maintenance / Drive chain adjustment / Drive chain slider replacement / Clutch adjustment / EXUP System Adjustment (California models) / Throttle cable adjustment / Fuel valve filter service / Air filter service / Steering play adjustment / Coolant change / Front suspension check / Rear shock absorber adjustment / Tune-up / Valve clearance adjustment / Compression test / Spark plugs / Ignition timing / Idle speed inspection and adjustment / Carburetor synchronization Specifications / Torque

#### **CHAPTER FOUR / ENGINE**

Servicing engine in frame / Engine principles / Engine / Cylinder head cover and camshafts / Camshaft chain tensioner / Cylinder head / Valve and valve components / Cylinder block / Pistons, piston pins and piston rings / Oil pump and strainer / Oil level switch / Crankcase / Crankshaft / Connecting rods / Starter clutch and gears / Break-in / Specifications

#### CHAPTER FIVE / CLUTCH

Clutch / Clutch release mechanism / Clutch cable / Specifications

#### CHAPTER SIX / TRANSMISSION

Drive sprocket cover / Engine sprocket / External shift mechanism / Transmission gears / Internal shift mechanism / Specifications

# CHAPTER SEVEN / FUEL, EMISSION CONTROL AND EXHAUST SYSTEMS

Carburetor / Fuel level / Fuel tank / Fuel shutoff valve / Fuel filter / Fuel pump / Evaporative emission control (California models) / Air injection system / Exhaust system / EXUP system / Specifications

# CHAPTER EIGHT / ELECTRICAL SYSTEM

Charging system / Ignition system / Electric starter / Lighting system / Switches / Wiring connectors / Electrical controls / Fuel pump testing / EXUP system / Fuses / Specifications

### CHAPTER NINE / COOLING SYSTEM

Cooling system inspection / Coolant reservoir / Radiator and fan / Thermostat / Water pump /

Hoses / Coolant pipes / Thermo switch and thermo unit / Specifications

# CHAPTER TEN / FRONT SUSPENSION AND STEERING

Front wheel / Front hub / Wheel balance / Tubeless tires / Tubeless tire changing / Handlebars / Steering head / Front fork / Specifications

# **CHAPTER ELEVEN / REAR SUSPENSION**

Rear wheel / Rear hub / Rear sprocket and coupling / Drive chain / Wheel balancing / Tire changing and repair / Shock absorber / Swing arm and shock linkage / Shock linkage / Specifications

# **CHAPTER TWELVE / BRAKES**

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

# CHAPTER THIRTEEN / BODY AND FRAME

Front fender / Lower fairing / Upper fairing / Upper fairing mounting brackets / Seats / Frame side cover / Sidestand / Footpegs / Frame / Specifications

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# WIRING DIAGRAMS

Models covered: 1989 1990 1991 1992 1993 Yamaha FZR600 FZR 600

Clymer Manuals Yamaha FZR600 Manual

FZR600 (1989-1993)