

This Yamaha motorcycle manual is 488 pages.

QUICK REFERENCE DATA

CHAPTER ONE / GENERAL INFORMATION

Manual organization / Notes, cautions and warnings / Safety first / Service hints / Washing the bike / Torque specifications / Fasteners / Lubricants / RTV gasket sealant / Threadlock / Parts replacement / Optional parts / Basic hand tools / Precision measuring tools / Special tools / Fabricating tools / Mechanics tips / Ball bearing replacement / Oil seals / Safety / Specifications

CHAPTER TWO / TROUBLESHOOTING

Operating requirements/ Troubleshooting instruments / Starting the engine / Starting difficulties / Engine starting troubles / Engine performance / Engine / Engine noises / Two-stroke pressure testing / Fuel system / Ignition system / Clutch / Transmission / Drive train noise / Front suspension and steering / Rear suspension / Frame noise / Brakes / Specifications

CHAPTER THREE / LUBRICATION, MAINTENANCE AND TUNE-UP

Pre-ride checklist / Maintenance schedule / Tires and wheels / Lubricants / Cleaning solvent / Engine lubrication / Periodic lubrication / Transmission oil level check and change / Front fork oil change and oil level adjustment / Drive chain lubrication / Swing arm bearing assembly lubrication / Relay arm and connecting rod lubrication / Kickstarter spline lubrication / Front fork dust and oil seal cleaning and lubrication (1989-on) / Periodic maintenance / Drive chain cleaning and adjustment / Clutch adjustment / Throttle cable adjustment / Air filter service / Fuel valve cleaning / Sprocket bolt tightness / Coolant change / Engine tune-up / Cylinder head nuts torque / Spark plug / Ignition timing (CDI) / Carburetor idle speed adjustment / Idle speed and mixture adjustment / Carbon removal / Storage / Specifications

CHAPTER FOUR / ENGINE TOP END

Engine principles / Engine lubrication / Cleanliness / Servicing engine in frame / Cylinder head / Cylinder and power valve / Piston, wrist pin and piston rings / Reed valve assembly / Engine break-in / Specifications

CHAPTER FIVE / ENGINE LOWER END

Servicing engine in frame / Engine / Engine sprocket / Countershaft oil seal replacement / Crankcase and crankshaft / Specifications

CHAPTER SIX / CLUTCH / KICKSTARTER AND EXTERNAL SHIFT MECHANISM

Right-hand crankcase cover / Clutch cover / Clutch release mechanism / Clutch release arm / Exhaust governor assembly / Clutch / Clutch service / Clutch inspection / Primary drive pinion gear / Clutch cable / Kickstarter and idler gear / External shift mechanism / Specifications

CHAPTER SEVEN / TRANSMISSION AND INTERNAL SHIFT MECHANISM

Transmission operation / Transmission troubleshooting / Transmission / Transmission overhaul / Transmission inspection / Internal shift mechanism / Specifications

CHAPTER EIGHT / FUEL AND EXHAUST SYSTEMS

Air filter / Carburetor operation / Carburetor service / Carburetor cleaning and inspection / Carburetor float height adjustment / Carburetor rejetting / Fuel tank / Fuel shutoff valve / Exhaust system / Exhaust system repair / Specifications

CHAPTER NINE / IGNITION SYSTEM

Component testing / Capacitor discharge ignition / Flywheel rotor / CDI unit / Ignition coil / Spark plug / Engine stop switch / Wiring diagrams / Specifications

CHAPTER TEN / LIQUID COOLING SYSTEM

Safety precautions / Cooling system inspection / Radiator / Water pump / Hoses / Specifications

CHAPTER ELEVEN / FRONT SUSPENSION AND STEERING

Front wheel / Front hub / Rim and spoke service / Tire changing / Tire repairs / Handlebar / Steering head / Front fork / Specifications

CHAPTER TWELVE / REAR SUSPENSION

Rear wheel / Rear hub / Driven sprocket / Drive chain / Tire changing and tire repairs / Shock absorber / Rear swing arm and linkage / Swing arm side clearance / Bearing / Sub-frame and back stay / Specifications

CHAPTER THIRTEEN / BRAKES

Disc brake / Front brake pad / Front caliper / Front master cylinder / Rear brake pad / Rear brake caliper / Rear master cylinder / Brake hose / Brake disc / Brake bleeding / Specifications

INDEX

WIRING DIAGRAMS

Models covered:

1991 1992 1993 Yamaha WR250Z WR 250Z 250 Z
1988 1989 1990 1991 1992 1993 Yamaha YZ125 YZ 125
1988 1989 1990 1991 1992 1993 Yamaha YZ250 YZ 250
1989 1990 Yamaha YZ250WR YZ 250WR 250 WR

Clymer Manuals Yamaha YZ125 Manual
Clymer Manuals Yamaha YZ250 Manual
Clymer Manuals Yamaha YZ250WR Manual
Clymer Manuals Yamaha WR250Z Manual

YZ125 (1988-1993)
YZ250 (1988-1993)
YZ250WR (1989-1990)
WR250Z (1991-1993)