

This Yamaha motorcycle manual is 416 pages.

QUICK REFERENCE DATA

CHAPTER ONE / GENERAL INFORMATION

Manual organization / Notes, cautions and warnings / Message to parents / Safety first / Cleaning parts / Handling gasoline safely / Service hints / Serial numbers / Warning labels / Torque specifications / Fasteners / Lubricants/ Sealants, cements and cleaners / Threadlocking compound / Expendable supplies / Basic hand tools / Precision measuring instruments / Test equipment / Special tools / Mechanics tips / Ball bearing replacement / Seals / Specifications

CHAPTER TWO / TROUBLESHOOTING

Operating requirements / Engine operating principles / Starting the engine / Starting difficulties / Engine starting troubles / Engine performance / Engine / Engine noises / Two-stroke leak down test / Fuel system / Electrical troubleshooting / Ignition system / Clutch and gearshift linkage / Transmission / Kickstarter / Drive train noise (PW50) / Drive train noise (BW80 and PW80) / Oil injection system / Handling/ Brakes / Specifications

CHAPTER THREE / LUBRICATION, MAINTENANCE AND TUNE-UP

Service intervals / Tune-up / Engine oil / Transmission oil / Air filter / Spark plug / Carburetor / Exhaust system / Oil pump and engine oil lines / Engine compression check / Ignition timing / Control cable lubrication / Throttle and oil pump cable adjustment / Speed limiter adjustment / Brake lubrication, inspection and cable adjustment / Final gear lubrication PW50 / Drive chain BW80 and PW80 / Front fork oil change BW80 and PW80 / Specifications

CHAPTER FOUR / ENGINE PW50

Engine identification / Engine lubrication / Exhaust system / Cylinder head / Cylinder / Piston, pin and ring / Reed valve assembly / Clutch / Primary drive gear / Kickstarter, oil pump drive gear and kick pinion gear / Transmission / Crankcase and crankshaft / break-in / Specifications

CHAPTER FIVE / ENGINE BW80 AND PW80

Engine identification / Engine lubrication / Exhaust system / Engine / Cylinder head / Cylinder / Piston, piston pin and piston ring / Reed valve assembly / Primary drive gear and oil pump drive gear / Kickstarter / External shift mechanism / Crankcase and crankshaft / Transmission / Break-in / Specifications

CHAPTER SIX / CLUTCH BW80 AND PW80

Right crankcase cover / Clutch service / Specifications

CHAPTER SEVEN / FUEL SYSTEM

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CHAPTER EIGHT / ELECTRICAL SYSTEM

Component testing / Capacitor discharge ignition / Flywheel / CDI unit / Ignition coil / Specifications

CHAPTER NINE / OIL INJECTION SYSTEM

Oil pump cable adjustment / Oil pump bleeding / Oil pump plunger stroke adjustment / Oil pump / Oil hoses / Oil tank / Oil pump output test PW50 / Oil pump output test BW80 and PW80 / Specifications

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CHAPTER ELEVEN / FRONT SUSPENSION AND STEERING BW80 AND PW80

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CHAPTER TWELVE / REAR SUSPENSION AND FINAL DRIVE PW50

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CHAPTER FOURTEEN / BRAKES

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CHAPTER FIFTEEN / BODY

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WIRING DIAGRAMS

Models covered:

1986 1987 1988, 1990 Yamaha BW80 BW 80 Big Wheel

1981 1982 1983, 1985 1986 1987, 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000

2001 2002 Yamaha PW50 PW 50 Y-Zinger

1983, 1985, 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 Yamaha PW80 PW 80 Y-Zinger

Clymer Manuals Yamaha PW50 Y-Zinger Manual

Clymer Manuals Yamaha PW80 Y-Zinger Manual

Clymer Manuals Yamaha BW80 Big Wheel Manual

PW50 Y-Zinger (1981-1983, 1985-1987, 1990-2002)

PW80 Y-Zinger (1983, 1985, 1991-2002)

BW80 Big Wheel (1986-1988, 1990)