

This Yamaha Vintage Classic Motorcycle Manual is 320 pages.

QUICK REFERENCE DATA

CHAPTER ONE / GENERAL INFORMATION

Manual organization / Service hints / Torque specifications / Safety First / Special tips / Parts replacement / Expendable supplies / What year is it? / Serial numbers / Basic hand tools / Tune-up and troubleshooting tools / Fasteners / Mechanics tips / Specifications

CHAPTER TWO / TROUBLESHOOTING

Operating requirements / Troubleshooting instruments / Emergency troubleshooting / Engine starting / Engine performance / Engine noises / Excessive vibration / Two-stroke pressure test / Front suspension and steering / Brake problems

CHAPTER THREE / LUBRICATION, MAINTENANCE AND TUNE-UP

Routine checks / Pre-checks / Tires and wheels / Battery / Periodic lubrication / Checking engine oil / Transmission oil checking and changing / Front fork oil change / Drive chain lubrication / Periodic maintenance / Monoshock adjustment / Drive chain adjustment / Clutch adjustment / Autolube oil pump adjustment / Throttle adjustment / Air cleaner / Pulsating Air System (air injection) - DT250F only / Engine tune-up / Cylinder head nut torque / Spark plug / Ignition timing (CDI - capacitor discharge ignition) / Ignition timing (breaker point ignition) / Idle speed adjustment / Exhaust decarbonizing / Storage / Specifications

CHAPTER FOUR / ENGINE

Engine principles / Engine lubrication / Engine cooling / Servicing engine in frame / Cylinder head / Cylinder / Piston, piston pin and piston rings / Break-in procedure / Magneto / Oil pump / Reed valve assembly / Compression release (DT 400D only) / Crankcase and crankshaft / Kickstarter / Service and adjustment / Specifications

CHAPTER FIVE / CLUTCH AND TRANSMISSION

Clutch / Clutch cable / Clutch release (push lever) mechanism / External shift mechanism / Transmission and internal shift mechanism / Specifications

CHAPTER SIX / FUEL AND EXHAUST SYSTEMS

Air cleaner / Carburetor service / Carburetor operation / Carburetor adjustments / Fuel shutoff valve / Fuel tank / Fuel filter / Exhaust system / Exhaust system decarbonizing / Exhaust system repair / Specifications

CHAPTER SEVEN / ELECTRICAL SYSTEM

Charging system (DT series only) / Battery / Magneto / Voltage regulator (DT series only) / Rectifier (DT series only) / Contact breaker point ignition / Capacitor discharge ignition / Spark plug / Ignition coil / Lighting system (DT series only) / Switches / Electrical components / Wiring diagrams / Specifications

CHAPTER EIGHT / FRONT SUSPENSION AND STEERING

Front wheel / Front hub / Wheels / Tire changing / Tire repairs / Handlebar / Steering head / Front fork / Specifications

CHAPTER NINE / REAR SUSPENSION

Rear wheel / Rear hub / Drive sprocket (all models except DT100 and MX100) / Drive sprocket assembly (Model DT100 and MX100) / Drive chain / Wheel balancing / Tire changing and tire

repairs / Rear swing arm / Monoshock rear suspension (Decarbon Monocross system) / Dual-shock rear suspension (DT100 and MX100) / Specifications

CHAPTER TEN / BRAKES

Front brake / Rear brake / Rear brake pedal assembly / Specifications

CHAPTER ELEVEN / FRAME AND REPAINTING

Kickstand (sidestand) / Footpegs / Frame / Specifications

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WIRING DIAGRAMS

Models covered:

1977 1978 1979 1980 1981 1982 1983 Yamaha DT100

1978 1979 1980 1981 Yamaha DT125

1978 1979 1980 1981 Yamaha DT175

1977 1978 1979 Yamaha DT250

1977 1978 1978 Yamaha DT400

1979 1980 1981 1982 1983 Yamaha MX100

1979 1980 1981 Yamaha MX175

DT100 (1977-1983)

DT125 (1978-1981)

DT175 (1978-1981)

DT250 (1977-1979)

DT400 (1977-1978)

MX100 (1979-1983)

MX175 (1979-1981)

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