

This Yamaha Vintage Motorcycle Manual is 168 pages.

## QUICK REFERENCE DATA

### CHAPTER ONE / GENERAL INFORMATION

Manual organization / Service hints / Safety first / Tools / Expendable supplies / Mechanics tips

### CHAPTER TWO / PERIODIC MAINTENANCE

Engine tune-up / Spark plug / Compression test / Carbon removal / Breaker points / Magneto ignition timing / Air cleaner service / Fuel strainer / Carburetor adjustment / Autolube pump adjustment / Battery service / Oil change / Clutch adjustment / Drive chain / Brakes

### CHAPTER THREE / ENGINE, TRANSMISSION AND CLUTCH

Two-stroke operating principles / Engine lubrication / Preparation for engine disassembly / Engine removal / Cylinder and cylinder head / Piston, pin and rings / Reed valve / Flywheel magneto and starter/generator / Engine sprocket / Right crankcase cover / Clutch / Primary drive gear / Kickstarter / Tachometer drive gear / Shifter / Crankcase / Transmission / Crankshaft

### CHAPTER FOUR / CARBURETORS

Carburetor operation / Carburetor overhaul / Carburetor adjustment / Miscellaneous problems

### CHAPTER FIVE / ELECTRICAL SYSTEM

Flywheel magneto operation / Magneto troubleshooting / Capacitor discharge ignition (CDI) / Starter/generator / Lights / Horn / Main switch / Battery

### CHAPTER SIX / CHASSIS SERVICE

Wheels / Brakes / Front fork / Steering head / Rear suspension / Drive chain

### CHAPTER SEVEN / TROUBLESHOOTING

Operating requirements / Starting difficulties / Poor idling / Misfiring / Flat spots / Power loss / Overheating / Backfiring / Engine noises / Piston seizure / Excessive vibration / Clutch slip or drag / Poor handling / Brake problems / Lighting problems / Troubleshooting guide

## APPENDIX / SPECIFICATIONS

## INDEX

### Wiring diagrams

Models covered:

1968 1969 1970 Yamaha AT1 Series

1972 Yamaha AT2 SERIES

1973 Yamaha AT3

1973 Yamaha ATMX

1969 1970 1971 1972 Yamaha CT1 Series

1972 Yamaha CT2

1973 Yamaha CT3

1974 1975 1976 Yamaha DT100

1974 1975 1976 Yamaha DT125

1974 1975 1976 Yamaha DT175

1973 Yamaha GT1

1974 1975 1976 Yamaha GT80A  
1974 1975 1976 1977 Yamaha GT80MXA  
1973 1974 Yamaha GTMX  
1974 1975 Yamaha MX100  
1974 1975 1976 Yamaha MX125  
1974 1975 Yamaha MX175  
1976 Yamaha YZ100  
1974 1975 1976 Yamaha YZ125  
1974 1975 1976 Yamaha YZ80

Clymer Manuals Yamaha AT1 Series Manual  
Clymer Manuals Yamaha AT2 Series Manual  
Clymer Manuals Yamaha AT3 Manual  
Clymer Manuals Yamaha ATMX Manual  
Clymer Manuals Yamaha CT1 Series Manual  
Clymer Manuals Yamaha CT2 Manual  
Clymer Manuals Yamaha CT3 Manual  
Clymer Manuals Yamaha DT100 Manual  
Clymer Manuals Yamaha DT125 Manual  
Clymer Manuals Yamaha DT175 Manual  
Clymer Manuals Yamaha GT1 Manual  
Clymer Manuals Yamaha GT80A Manual  
Clymer Manuals Yamaha GT80MXA Manual  
Clymer Manuals Yamaha GTMX Manual  
Clymer Manuals Yamaha MX100 Manual  
Clymer Manuals Yamaha MX125 Manual  
Clymer Manuals Yamaha MX175 Manual  
Clymer Manuals Yamaha YZ100 Manual  
Clymer Manuals Yamaha YZ125 Manual  
Clymer Manuals Yamaha YZ80 Manual

GT1 (1973)  
GTMX (1973-1974)  
GT80A (1974-1976)  
GT80MXA (1974-1977)  
YZ80 (1974-1976)  
YZ100 (1976)  
DT100 (1974-1976)  
MX100 (1974-1975)  
AT1 Series (1968-1970)  
AT2 Series (1972)  
AT3 (1973)  
ATMX (1973)  
DT125 (1974-1976)  
MX125 (1974-1976)  
YZ125 (1974-1976)  
CT1 Series (1969-1972)  
CT2 (1972)  
CT3 (1973)  
DT175 (1974-1976)  
MX175 (1974-1975)