

This vintage Honda motorcycle manual is 400 pages.

## **QUICK REFERENCE DATA**

### **CHAPTER ONE / GENERAL INFORMATION**

Manual organization / Service hints / Safety first / Parts replacement / Expendable supplies / Specifications

### **CHAPTER TWO / TROUBLESHOOTING**

Operating requirements / Emergency requirements / Emergency troubleshooting / Engine starting problems / Operating problems / Clutch / Brakes / Transmission / Suspension

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

Daily checks / Routine checks / Service intervals / Crankcase breather hoses / Battery / Periodic lubrication / Engine oil change / Centrifugal oil filter rotor and oil filter screen cleaning / Fork oil change / Drive chain lubrication / Control cable service / Speedometer cable lubrication / Drive chain adjustment / Front brake adjustment / Rear brake adjustment / Centrifugal clutch adjustment / Manual clutch adjustment / Throttle adjustment / Air filter service / Fuel shutoff valve and filter service / Periodic maintenance / tune-up / Air cleaner element / Valve clearance adjustment / Camshaft chain tensioner adjustment / Compression test / Spark plugs / Contact breaker point ignition / Solid state ignition / Carburetor / Idle mixture adjustment / idle speed adjustment / Serial numbers / Specifications

### **CHAPTER FOUR / ENGINE**

Engine lubrication / Removal installation / Cylinder head and camshaft / Valves and valve components / Camshaft chain and tensioner / Cylinder / Piston, pins and rings / Ignition advance mechanism / Alternator / Oil pump / Crankcase and crankshaft / Kickstarter / Electric starter gears / Break-in procedure / Specifications

### **CHAPTER FIVE / CLUTCH AND TRANSMISSION**

Manual clutch / Centrifugal clutch / Clutch inspection / Clutch release mechanism removal/installation / Clutch cable / External shift mechanism / Drive sprocket / Transmission and internal shift mechanism / Preliminary transmission inspection / 3-speed transmission and internal shift mechanism (Type I) / 3-speed transmission and internal shift mechanism (Type II) / 4-speed transmission and internal shift mechanism (Type III) / 4-speed transmission and internal shift mechanism (Type IV) / Internal shift mechanism / Dual-range subtransmission / Specifications

### **CHAPTER SIX / FUEL AND EXHAUST SYSTEMS**

Air cleaner / Carburetor operation service adjustments / Throttle cable / Choke cable / Fuel shutoff valve / Fuel tank / Crankcase breather system / Exhaust system / Specifications

### **CHAPTER SEVEN / ELECTRICAL SYSTEMS**

Charging system / Battery / Rectifier / Alternator / Stator coil testing / Contact breaker point ignition / Ignition pulse generator / Ignition pulse generator and ignition advance mechanism / Spark plug / Ignition coil / Starting system / Starter / Starter solenoid / Lighting system / Handlebar switches / Handlebar switches / Rear brake light switch / 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 / Driven sprocket assembly / Drive chain / Wheel balancing / Swing arm / Shock absorbers / Specifications

## **CHAPTER TEN / FRONT SUSPENSION AND STEERING**

Front and rear brakes / Front brake cable / Specifications

## **SUPPLEMENT / 1988 AND LATER SERVICE INFORMATION**

Battery (CT70 1991-on) / Spark plugs (Z50R 1988-on) / Carburetor adjustment (Z50R 1988-on) / Solid state ignition (Z50R 1988-on) / Cylinder head and camshaft (CT70 and Z50R 1991-on) / Valve and valve components (Z50R) / Kickstarter (50-70 cc engines) / Centrifugal clutch (1992 Z50R and 1991-on CT70) / Carburetor service (1988-on) / Evaporative control system (1991-on CT70) / Regulator/rectifier (1991-on CT70) / Alternator (1991-on CT70) / Capacitor discharge ignition CDI (1988-on Z50R and 1991-on CT70) / Tire changing (1988-on Z50R) / Rear hub (1991-on CT70)

## **INDEX**

## **WIRING DIAGRAMS**

Models Covered

1980 1981 1982 1983 HONDA C70 C 70

All Years HONDA C70M C 70 M

1966 1967 1968 1969 HONDA C90 C 90

All Years HONDA CL70 CL 70

All Years HONDA CL90 CL 90 L

All Years HONDA CL90L

1980 1981 1982 1983 1984 1986 HONDA CT110 CT 110

1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 HONDA CT70 CT

1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 HONDA CT90

All Years HONDA S65 S 65

1973 1974 1975 HONDA S90 S 90

1971 1972 HONDA SL70 SL

All Years HONDA SL90

1973 1974 1975 HONDA ST90

1974 1975 1976 HONDA XL70 XL

1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 HONDA Z50A Z50 Z 50 A

1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989, 1991 1992 1993 1994 1995 1996

1997 1998 1999 HONDA Z50R Z50 Z 50 R 50R

Motosport 70 90

Single Overhead Cam Single Cylinder

Mini trail

Cub

Passport

Trail 70

Trail 90

Clymer Manuals Honda OHC Singles Manuals

Clymer Manuals Honda C70 Manual

Clymer Manuals Honda C70M Manual

Clymer Manuals Honda CL70 Manual

Clymer Manuals Honda CL90 Manual

Clymer Manuals Honda C90 Manual  
Clymer Manuals Honda CL90L Manual  
Clymer Manuals Honda CT110 Manual  
Clymer Manuals Honda CT70 Manual  
Clymer Manuals Honda CT90 Manual  
Clymer Manuals Honda S65 Manual  
Clymer Manuals Honda S90 Manual  
Clymer Manuals Honda SL70 Manual  
Clymer Manuals Honda ST90 Manual  
Clymer Manuals Honda XL70 Manual  
Clymer Manuals Honda Z50A Manual  
Clymer Manuals Honda Z50R Manual

Z50A (1969-1978)  
Z50R (1979-1989, 1991-1999)  
S65 (All Years)  
C70 (1980-1983)  
C70M (All Years)  
CL70 (All Years)  
CT70 (1969-1982)  
SL70 (1971-1972)  
XL70 (1974-1976)  
S90 (1973-1975)  
SL90 (All Years)  
ST90 (1973-1975)  
C90 (1966-1969)  
CL90 (All Years)  
CL90L (All Years)  
CT90 (1969-1979)  
CT110 (1980-1984, 1986)