

This Honda ATC250R manual is 304 pages.

QUICK REFERENCE DATA

CHAPTER ONE / GENERAL INFORMATION

Manual organization / Service hints / Torque specifications / Safety first / Special tips / Parts replacement / Expendable supplies / Serial numbers / Basic hand tools / Tune-up and troubleshooting tools / Mechanics tips

CHAPTER TWO / TROUBLESHOOTING

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

CHAPTER THREE / LUBRICATION, MAINTENANCE AND TUNE-UP

Pre-ride checks / Engine lubrication / Service intervals / Tires and wheels / Crankcase breather hose / Periodic lubrication / Transmission and clutch oil change / Front fork oil change / Drive chain lubrication / Periodic maintenance / Drive chain adjustment and cleaning / Drive chain slider / Parking brake adjustment / Clutch adjustment / Throttle operation and adjustment / Air cleaner service / Fuel shut off valve and filter service / Spark arrester cleaning / Steering head adjustment / Engine tune-up / Air cleaner / Compression test / Spark plug / Ignition timing / Idle speed and mixture adjustment / Decarbonizing piston crowns and, cylinder head , cylinder exhaust port and exhaust system / Storage / Specifications

CHAPTER FOUR / ENGINE

Operating principles / Lubrication / Cooling / Servicing in frame / Removal/installation / Cylinder head / Cylinder / Reed valve assembly / Piston, piston pin and piston rings / Balancer gears / Alternator / Drive sprocket / Crankcase and crankshaft / Kickstarter / Break-in procedure / Specifications

CHAPTER FIVE / CLUTCH AND TRANSMISSION

Clutch / Clutch cable / External shift mechanism / Transmission and internal shift mechanism / Specifications

CHAPTER SIX / FUEL AND EXHAUST SYSTEMS

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

CHAPTER SEVEN / ELECTRICAL SYSTEM

Alternator / Capacitor discharge ignition / Spark plug / Ignition coil / Ignition pulse generator / Lighting system / Switches / Wiring diagram / Specifications

CHAPTER EIGHT / FRONT SUSPENSION AND STEERING

Front wheel / Front hub / Tires / Handlebar / Steering head / Front forks / Specifications

CHAPTER NINE / REAR SUSPENSION

Rear wheel / Rear axle / Driven sprocket / Drive chain / Tire changing and tire repairs / Shock absorber / Swing arm / Specifications

CHAPTER TEN / BRAKES

Front disc brake / Front master cylinder / Front brake pad / Front caliper / Front brake hose / Front brake disc / Rear disc brake / Rear disc brake master cylinder / Rear disc brake pad / Rear disc brake caliper / Rear disc brake hose / Rear brake disc / Bleeding the system / Rear drum brake / Rear drum brake cable / Parking brake cable / Rear brake pedal / Rear drum brake panel bearing / Specifications

CHAPTER ELEVEN / FRAME

Skid plate / Footpegs / Frame / Specifications

SUPPLEMENT / 1983 AND LATER SERVICE INFORMATION

INDEX

WIRING DIAGRAMS

Models covered: 1981 1982 1983 1984 Honda ATC250R Singles

Clymer Manuals Honda ATC250R Manual

ATC250R Single (1981-1984)