

This Honda Valkyrie Manual is 496 pages.

## QUICK REFERENCE DATA

### CHAPTER ONE / GENERAL INFORMATION

Manual organization / Notes, cautions and warnings / Safety first / Cleaning parts / Handling gasoline safely / Service hints / Serial numbers / Warning labels / Torque specifications / Fasteners / Lubricants / Sealant, cements and cleaners / Threadlocking compound / Basic hand tools / Precision measuring tools / Test equipment / Special tools / Motorcycle lift / Mechanics tips / Bearing replacement / Seals / Specifications

### CHAPTER TWO / TROUBLESHOOTING

Operating requirements / Emergency troubleshooting / Engine starting procedures / Engine starting troubleshooting / Engine performance / Engine noises / Low cylinder compression / Engine lubrication / Oil pressure test / Fuel system / Clutch / Transmission / Final drive / Excessive vibration / Front suspension and steering / Brake problems / Electrical troubleshooting / Troubleshooting hints / Circuit design / Wiring diagrams / Electrical test equipment / Basic test procedures / Charging system troubleshooting / Ignition system troubleshooting / Starting system troubleshooting / Lighting system troubleshooting / Cooling system troubleshooting / Specifications

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

Routine checks / Pre-ride inspection / Service intervals / Tires and wheels / Crankcase breather hose / Evaporation emission control / Battery / Periodic lubrication / Engine oil and filter change / Final drive oil change / Front fork oil change / Periodic maintenance / Throttle adjustment / Air filter element replacement / Coolant change / Steering head adjustment check / Rear suspension shock adjustment / Tune-up / Valve clearance adjustment / Compression check / Spark plugs / Ignition timing / Carburetor synchronization / Idle speed adjustment / Specifications

### CHAPTER FOUR / ENGINE TOP END

Engine principles / Engine rotation / Servicing engine in frame / Exhaust system / Cylinder head cover / Camshaft timing belts and driven pulleys / Crankshaft drive pulley / Camshaft and rocker arm assemblies / Cylinder heads / Valves and valve components / Engine front cover / Specifications

### CHAPTER FIVE / ENGINE LOWER END

Special tools / Parts requiring engine removal / Service precautions / Engine removal / Engine mounts / Engine installation / Rear engine case / Starter clutch / Alternator clutch assembly / Primary drive and driven gears / Final drive gear / Scavenge oil pump / Oil strainer and main oil pump / Crankcase / Pistons and connecting rods / Crankshaft / Break-in procedure / Specifications

### CHAPTER SIX / CLUTCH

Clutch hydraulic system / Master cylinder / Slave cylinder / Bleeding / Specifications

### CHAPTER SEVEN / TRANSMISSION AND GEARSHIFT MECHANISM

External shift mechanism / Internal shift mechanism / Output shaft / Specifications

### CHAPTER EIGHT / FUEL AND EMISSION CONTROL SYSTEMS

Air filter / Carburetor operation service adjustment / Fuel tank / Fuel valve / Secondary air supply system / Crankcase breather system / Evaporative emission control system / Specifications

### CHAPTER NINE / ELECTRICAL SYSTEM

Battery / Charging system / Alternator / Ignition system / Starting system / Lighting / Cooling system / Switches / Meters / Radio / Horn / Fuses / Specifications

## **CHAPTER TEN / COOLING SYSTEM**

Cooling system check / Radiator / Cooling fan / Coolant reservoir / Engine coolant temperature ECT sensor / Engine coolant thermosensor / Engine coolant thermostatic switch / Fan motor switch / Thermostat / Thermostat housing / Coolant pump / Coolant pipes / Specifications

## **CHAPTER ELEVEN / WHEELS, TIRES AND FINAL DRIVE**

Front hub / Rear hub / Bearing and seal replacement / Final drive unit and drive shaft / Universal joint / Specifications

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

Handlebar / Steering head and stem / Steering head bearing race / Front fork / Specifications

## **CHAPTER THIRTEEN / REAR SUSPENSION**

Shock absorbers / Swing arm / Specifications

## **CHAPTER FOURTEEN / BRAKES**

Disc brakes / Front brake pad / Front master cylinder / Front caliper / Rear brake pad / Rear master cylinder and reservoir / Rear caliper / Front and rear brake discs / Brake hose replacement / Bleeding / Rear brake pedal / Specifications

## **CHAPTER FIFTEEN / FRAME AND BODY**

Seats / Frame rear side covers / Center cover / Steering head cover / Radiator cover / Windshield / Windshield / Fairing / Saddlebag and mounting bracket / Trunk / Seat back and arm rest / Front fender / Rear fender / Footpegs and brackets / Specifications

## **INDEX**

## **COLOR WIRING DIAGRAMS**

Models covered:

1997 1998 1999 2000 2001 2002 2003 Honda GL1500C

1999 2000 2001 Honda GL1500CF Interstate

1997 1998 1999 2000 Honda GL1500CT Tourer

GL1500 GL 1500 C CF CT

Clymer Manuals Honda Valkyrie GL1500C Manual

Clymer Manuals Honda Valkyrie GL1500CF Interstate Manual

Clymer Manuals Honda Valkyrie GL1500CT Tourer Manual

Clymer Manuals Honda Valkyrie GL1500C Online Manual

Clymer Manuals Honda Valkyrie GL1500CF Interstate Online Manual

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