

This Honda Gold Wing Manual is 792 pages.

## QUICK REFERENCE DATA

### CHAPTER ONE / GENERAL INFORMATION

Manual organization / Notes, cautions and warnings / Safety first / Service hints / Serial numbers / Parts replacement / Torque specifications / Fasteners / Lubricants / RTV Gasket sealant / Threadlock / Gasket remover / Expendable supplies / Basic hand tools / Test equipment / Precision measuring tools / Cleaning solvent / Other special tools / Mechanics tips / Ball bearing replacement / Oil seals / Riding safely / Specifications

### CHAPTER TWO / TROUBLESHOOTING

Operating requirements / Emergency troubleshooting / Engine starting procedures / Engine starting troubleshooting / Engine performance / Engine noises / Hydraulic valve adjuster system / Engine lubrication / Fuel system / Clutch / Transmission / Final drive / Excessive vibration / Front suspension and steering / Brake problems/ Electrical troubleshooting

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

Routine checks / Pre-checks / Service intervals / Tires and wheels / Crankcase breather hose / Evaporation emission control / Periodic lubrication / Periodic maintenance / Rear suspension air shock adjustment / Tune-up / Specifications

### CHAPTER FOUR / ENGINE TOP END AND EXHAUST SYSTEM

Engine principles / Engine rotation / Servicing engine in the frame / Camshaft timing belts and pulleys / Camshaft and rocker assemblies / Hydraulic tappet / Cylinder heads / Valves and valve components / Engine front cover / Exhaust system / Specifications

### CHAPTER FIVE/ ENGINE BOTTOM END

Special tools / Parts requiring engine removal / Service precautions / Engine removal / Engine mounts / Engine installation / Rear engine cover / Reverse shift system / Starter drive gear (GL1500I) / Alternator clutch assembly / Primary drive and driven gears / Final drive gear / Shift drum lock system (GL1500 models with reverse) / Scavenging oil pump / Cylinder block / Pistons and connecting rods / Crankshaft and connecting rods / Break-in procedure / Specifications

### CHAPTER SIX / CLUTCH

Clutch hydraulic system / Master slave cylinder / Bleeding / Specifications

### CHAPTER SEVEN / TRANSMISSION

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

### CHAPTER EIGHT / FUEL AND EMISSION CONTROL SYSTEMS

Air filter / Carburetor operation service adjustment / Intake manifold / Fuel filter / Fuel pump / Fuel reserve sensor / Fuel level sensor / Auto fuel valve / Fuel tank / Hot air intake system / Decel compensation shot air system / Primary air jet control system / High altitude compensation system / Secondary air supply system / Crankcase breather system / Evaporative emission control system / Specifications

### CHAPTER NINE / ELECTRICAL SYSTEM

Battery / Charging system / Alternator / Ignition system / Ignition system electrical components / Starter reverse motor / Reverse cable / Lighting system / Lighting system / Fuel system / Cooling system / On-board suspension air compressor / Audio system / Cruise control / Switches / Fuses

and relays / Specifications

## **CHAPTER TEN / ELECTRICAL TROUBLESHOOTING**

Troubleshooting hints / Circuit design / Wiring diagrams / Electrical test equipment / Basic test procedures / Charging system troubleshooting / Ignition system troubleshooting / Starting system troubleshooting (models without reverse) / Starting system troubleshooting (Models with reverse) / Reverse system troubleshooting / Lighting system troubleshooting / Fuel system troubleshooting / Cooling system troubleshooting / On-board suspension air compressor system troubleshooting / Audio system troubleshooting / CB radio troubleshooting (SE models) / Cruise control troubleshooting / Specifications

## **CHAPTER ELEVEN / COOLING SYSTEM**

Radiator / fans / Coolant reserve tank / Thermostat / Coolant temperature sensor / Thermo valve / Thermostatic fan motor switch / Water pump / Coolant pipes / Hoses / Specifications

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

Wheel and hub / Handlebar / Steering head and stem / Steering head bearing race / Front fork / Anti-dive front suspension / Specifications

## **CHAPTER THIRTEEN / REAR SUSPENSION AND FINAL DRIVE**

Wheel and hub / Final drive unit and drive shaft / Universal joint / Swing arm / Shock absorbers / Specifications

## **CHAPTER FOURTEEN / BRAKES**

Brake pad / Master cylinder / Caliper / Brake discs / Brake lines hoses / Bleeding / Rear brake pedal / Specifications

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

Body panel identification / Windshield / Center fresh air visor (GL1500SE models) / Windshield adjustment lever (Models with reverse) / Fairing / Seat / Rear side covers / Front side covers / Fairing pockets / Ignition switch cover / Top inner cover / Top compartment and radio/cassette deck / Fairing front cover / Under cover / Radiator shroud / Fairing lower cover / Fairing inner cover / Air ducts / Front fairing / Trunk/saddlebags / Trunk lower cover / Saddlebag lower cover / Saddlebags / Front fender / Adjustable footrests (SE models) / Specifications

## **CHAPTER SIXTEEN / ADDITIONAL INFORMATION FOR NON-U.S. MODELS**

Fuel system identification / Air cleaner case / Carburetor adjustment / Intake manifold / Auto fuel valve / Secondary air supply system / Headlight (Sweden) / Audio system components / Cruise control system components / Switches / Specifications

## **CHAPTER SEVENTEEN / 1996-2000 SERVICE INFORMATION**

Periodic maintenance / Hydraulic tappet (1997-2000) / Piston connecting rod (1997-2000) / Crankshaft (1997-2000) / Slave cylinder (1997-2000) / Transmission (1997-2000) / Air jet control system (1997-2000) / Lighting system / Shock absorbers / Specifications

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## **WIRING DIAGRAMS**

Models covered:

1993 1994 1995 1996 1997 1998 1999 2000 HONDA Aspencade GL1500A

1993 1994 1995 1996 1997 1998 1999 2000 HONDA Interstate GL1500I

1993 1994 1995 1996 1997 1998 1999 2000 HONDA SE GL1500SE  
Goldwing

Clymer Manuals Honda GL1500 Gold Wing Manual  
Clymer Manuals Honda Aspencade GL1500A Gold Wing Manual  
Clymer Manuals Honda Interstate GL1500I Gold Wing Manual