

This Kawasaki Vulcan manual is 480 pages.

## QUICK REFERENCE DATA

### CHAPTER ONE / GENERAL INFORMATION

Manual organization / Notes, cautions and warnings / Safety first / Service hints / Washing the bike / Special tips / Torque specifications / Fasteners / Lubricants / RTV gasket sealant / Gasket remover / Threadlocking compound / Expendable supplies / Serial numbers / Warning and information labels / Basic hand tools / Precision measuring tools / Special tools / Fabricating tools / Mechanic's tips / Ball bearing replacement / Seals / Riding safety / Storage / Specifications

### CHAPTER TWO / TROUBLESHOOTING

Operating requirements / Troubleshooting instruments / Starting the engine / Emergency troubleshooting / Engine starting troubleshooting / Engine performance / Engine noises / Engine lubrication / Clutch / Gearshift linkage / Transmission / Electrical troubleshooting / Test equipment / Basic test procedures / Electrical problems / Charging system troubleshooting / Ignition system troubleshooting / Starter system troubleshooting / Carburetor troubleshooting / Excessive vibration / Front suspension and steering / Brake problems

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

Routine checks / Pre-checks / Service intervals / Tires and wheels / Battery / New battery installation / Battery electrical cable connectors / Periodic lubrication / Engine oil and filter change / Engine oil pressure test / Fork oil change / Periodic maintenance / Drive chain cleaning and lubrication / Drive chain adjustment / Throttle adjustment / Air filter replacement / Coolant change / Tune-up / Valve clearance adjustment / Compression test / Spark plugs / Ignition timing / Carburetor idle mixture / Specifications

### CHAPTER FOUR / ENGINE

Engine principles / Servicing engine in frame / Engine / External oil line / Crankcase right-hand side cover / Cylinder head and camshafts / Cylinder head and cover inspection / Camshaft inspection / Rocker arm and hydraulic lash adjuster assemblies / Valves and valve components / Cylinder block / Camshaft / drive chains / guides and tensioner assemblies / Pistons and piston rings / Oil pump / Primary drive gear / Balancer assembly and starter gears / Front bevel gear assembly / Crankcase / Crankshaft and connecting rods / Break-in / Specifications

### CHAPTER FIVE / CLUTCH

Clutch / Clutch release mechanism / Specifications

### CHAPTER SIX / TRANSMISSION AND GEARSHIFT MECHANISMS

External gearshift mechanism / Transmission and internal shift mechanism / Specifications

### CHAPTER SEVEN / FUEL / EMISSION CONTROL AND EXHAUST SYSTEMS

Carburetor operation / Carburetor service / Carburetor assembly / Carburetor service / Carburetor adjustments / Fuel system cleanliness inspection / Throttle cable replacement / Choke cable replacement / Air filter / Fuel tank / Fuel shutoff valve and filter / Fuel level sensor / Crankcase breather system (U.S. only) / Evaporative emission control system (California models only) / Clean air system (California and Switzerland models) / Exhaust system / Specifications

### CHAPTER EIGHT / ELECTRICAL SYSTEM

Electrical connectors / Battery negative terminal / Charging system / Voltage regulator/rectifier / Alternator / Transistorized ignition system / Starter system / Electric starter / Starter relay /

Lighting system / Switches / Electrical components / Junction box and fuse panel / Wiring diagrams / Specifications

## **CHAPTER NINE / LIQUID COOLING SYSTEM**

Hoses and hose clamps / Cooling system check / Pressure check / Radiator / Cooling fan and shroud / Thermostat and housing / Water pump / Hoses / Specifications

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

Front wheel / Front hub / Wheels / Tires / Tire changing / Tire repairs / Handlebar / Steering head and stem / Steering head bearing races / Front forks / Specifications

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

Rear wheel / Rear hub / Final drive unit / Drive shaft / Swing arm / Shock absorbers / Specifications

## **CHAPTER TWELVE / BRAKES**

Front disc brakes / Front brake pad replacement / Front brake caliper / Front master cylinder / Front brake hose replacement / Front brake disc / Bleeding the system / Rear drum brake / Rear brake pedal and cable/rod assembly / Specifications

## **CHAPTER THIRTEEN / FRAME**

Seat / Frame side covers / Frame head side covers / Footpegs / Sidestand / Centerstand / Front fender / Rear fender / Rear hand grip / Frame / Specifications

## **INDEX**

## **WIRING DIAGRAMS**

Models covered:

1985 Kawasaki Vulcan VN700

1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002

2003 2004 2005 2006 Kawasaki Vulcan VN750

1985 KAWASAKI VN750 (UK)

VN 700 750

Clymer Kawasaki Vulcan VN700 Manual

Clymer Kawasaki Vulcan VN750 Manual

Kawasaki Motorcycle Manual