

This Yamaha V-Max Manual is 472 pages.

QUICK REFERENCE DATA

CHAPTER ONE / GENERAL INFORMATION

Manual organization / Warnings, cautions and notes / Safety / VIN numbers / Fasteners / Shop supplies / Basic tools / Precision measuring tools / Electrical system fundamentals / Basic service methods / Storage

CHAPTER TWO / TROUBLESHOOTING

Operating requirements / Starting the engine / Starting difficulties / Engine performance / Engine noises / Engine lubrication / Engine leakdown test / Clutch / Gearshift linkage / Transmission / Final drive / Carburetor / Fuel pump (1985-1992 models) / Fuel pump (1993-on models) / V-Boost troubleshooting / Electrical test equipment / Basic electrical test procedures / Electrical system / Front suspension and steering / Brakes

CHAPTER THREE / LUBRICATION, MAINTENANCE AND TUNE-UP

Fuel type / Oil type / Grease type / Maintenance intervals / Cylinder numbering and firing order / Periodic lubrication / Battery / Tune-up / Air filter / Spark plugs / Engine compression test / Ignition timing / Valve clearance / Fuel system / Throttle cable / Emissions control systems / Brakes / Shift pedal adjustment / Clutch / Cooling system / Steering head bearings / Front suspension / Rear suspension / Tires and wheels / Fasteners

CHAPTER FOUR / ENGINE TOP END

Servicing engine in the frame / Cylinder head covers / Camshafts / Cam sprocket / Cylinder heads / Valves and valve components /

CHAPTER FIVE / ENGINE LOWER END

Servicing engine in the frame / Engine removal and installation / Crankcase breather cover / Alternator cover / Stator and pickup coils / Flywheel / Starter clutch / Starter gears / Oil pan / Oil pump / Main oil gallery / Piston/connecting rod assembly / Pistons and piston rings / Crankcase / Crankshaft and cam chain / Balancer shaft / Break-in

CHAPTER SIX / CLUTCH AND EXTERNAL SHIFT MECHANISM

Clutch bleeding and draining / Clutch cover / Master and slave cylinder / External shift mechanism / Hose replacement

CHAPTER SEVEN / TRANSMISSION, MIDDLE GEAR AND INTERNAL SHIFT MECHANISM

Shift pedal / Middle gearcase cover / Internal shift mechanism / Middle drive gear assembly / Middle gear backlash adjustment / Rounding shim thickness measurements / Middle gear alignment / Middle driven gear assembly

CHAPTER EIGHT / AIR/FUEL, EMISSION CONTROL AND EXHAUST SYSTEMS

Fuel tank / Fuel filter / Fuel pump / Fuel pump relay / Fuel pump testing / Air box / Carburetor operation / Carburetor / Carburetor cleaning and inspection / Carburetor adjustments / Throttle cable / Throttle cable adjustment / V-Boost assembly / V-Boost servomotor / V-Boost control unit / V-Boost adjustment / V-Boost testing / Evaporative emission control system / Exhaust system

CHAPTER NINE / ELECTRICAL SYSTEM

Electrical connectors / Battery terminal / Frame neck / Electrical bracket / Charging system / Stator / Voltage regulator/rectifier / Ignition system / Ignition coil / Pickup coil / Spark plug cap /

Diode / Pressure sensor / Ignitor unit / Ignition timing / Starting system / Starter / Starter relay / Starting circuit cutoff relay / Lighting system / Headlight / Meter assembly / Taillight / Signal system / Brake light / Turn signals / Flasher relay / Horn / Indicator lights / Switches / Wiring connectors / Fuses

CHAPTER TEN / COOLING SYSTEM

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CHAPTER ELEVEN / WHEELS AND TIRES

Motorcycle stand / Brake rotor protection / Front wheel / Front hub / Rear wheel / Rear hub / Wheel balance / Tire repair / Tire changing

CHAPTER TWELVE / FRONT SUSPENSION AND STEERING

Front fork / Handlebar / Steering head / Steering head bearing races / Lower bearing inner race replacement

CHAPTER THIRTEEN / REAR SUSPENSION AND FINAL DRIVE

Shock absorber / Swing arm / Final gearcase

CHAPTER FOURTEEN / BRAKES

Brake service / Preventing brake fluid damage / Brake bleeding / Brake fluid draining / Brake pad replacement / Front brake caliper / Front brake master cylinder / Rear brake caliper / Rear brake master cylinder / Footpeg/brake lever assembly / Brake disc / Brake hose replacement

CHAPTER FIFTEEN / BODY

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COLOR WIRING DIAGRAMS Models covered: 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 Yamaha V-Max VMax VMX1200 VMX 1200 VMX12

Clymer Manuals Yamaha V-Max VMX12 Manual

Clymer Manuals Yamaha V-Max VMX12 Online Manual

V-Max VMX12 (1985-2007)