

This Harley-Davidson V-Rod manual is 672 pages.

CHAPTER ONE / GENERAL INFORMATION

CHAPTER TWO / TROUBLESHOOTING

CHAPTER THREE / LUBRICATION, MAINTENANCE AND TUNE-UP

Maintenance intervals / Engine oil / Control lever lubrication / Drive belt deflection and adjustment / Engine mounts and stabilizer / Tune-up / Engine rotation / Air filter / Compression test / Ignition timing / Valve clearance / Secondary camshaft chain tensioner / Spark plugs

CHAPTER FOUR / ENGINE TOP END AND EXHAUST SYSTEM

Cylinder head covers / Camshafts and drive gear / Cylinder head / Valve tappets and shims / Valves and components

CHAPTER FIVE / ENGINE LOWER END

Removal and installation / Oil pan and oil pickup strainer / Oil pump / Oil cooler / Oil filter mount / Crankcase / Piston and connecting rod / Piston and rings / Connecting rod / Balance shaft / Crankshaft / Break-in

CHAPTER SIX / CLUTCH AND EXTERNAL SHIFT MECHANISM

External shift mechanism / Clutch cover / Clutch master cylinder / Clutch release cylinder / Hose replacement / Clutch flushing / Clutch bleeding

CHAPTER SEVEN / TRANSMISSION AND INTERNAL GEARSHIFT MECHANISM

Bearing replacement / Output flange / Internal shift mechanism

CHAPTER EIGHT / FUEL AND EMISSION CONTROL SYSTEMS

Air filter housing / Electronic fuel injection (EFI) / Depressurizing the system / Throttle body / Fuel rail and fuel injectors / Throttle and idle cables / Fuel tank / Fuel module (filters and fuel pump) / Fuel pressure test / Evaporative emission control system

CHAPTER NINE / ELECTRICAL SYSTEM

Battery / Voltage regulator / Alternator rotor and stator / Ignition system / Starter / Solenoid / Relay / Lighting / Instrument cluster / Speedometer, tachometer and indicator panel / Vehicle speed sensor (VSS) / Turn signal module, turn signal security module and hands-free security module / Horn / Switches / Fuses / Handlebar wiring replacement / Wiring diagrams

CHAPTER TEN / COOLING SYSTEM

Coolant pipes / Reserve tank / Radiator and oil cooler / Cooling fans / Oil cooler oil line fittings / Oil cooler / Thermostat and housing / Water pump

CHAPTER ELEVEN / WHEELS, TIRES AND DRIVE BELT

Front and rear wheel / Hubs / Driven sprocket / Drive sprocket / Drive belt / Inspection / Wheel truing / Tire changing / Vehicle alignment

CHAPTER TWELVE / FRONT SUSPENSION AND STEERING

Handlebar / Front fork / Fork lock / Steering head and stem / Steering head bearing races

CHAPTER THIRTEEN / REAR SUSPENSION

Shock absorbers / Swing arm

CHAPTER FOURTEEN / BRAKES

Front and rear brake pads / Front and rear brake caliper / Front and rear master cylinder / Brake line replacement / Brake disc / Brake bleeding / Brake pedal

CHAPTER FIFTEEN / BODY AND FRAME

Rider seat / Passenger seat / Frame side covers / Air filter housing cover / Front fender / Rear fender / Drive belt and debris deflector covers / Radiator cover / Foot rests / Jiffystand / Windshield / Wind deflector

COLOR WIRING DIAGRAMS

Models Covered

2002 2003 2004 2005 2006 HARLEY-DAVIDSON VRSCA V-Rod

2007 2008 2009 2010 HARLEY-DAVIDSON VRSCAW V-Rod

2004 2005 HARLEY-DAVIDSON VRSCB V-Rod

2006 2007 2008 HARLEY-DAVIDSON VRSCD Night Rod

2007 2008 2009 2010 2011 2012 2013 2014 HARLEY-DAVIDSON VRSCDX Night Rod Special

2006 2007 HARLEY-DAVIDSON VRSCR Street Rod

2005 2006 HARLEY-DAVIDSON VRSCSE Screamin Eagle

2007 HARLEY-DAVIDSON VRSCX Screamin Eagle

2009 2010 2011 2012 2013 2014 HARLEY-DAVIDSON VRSCF V-Rod Muscle

2012 VRSCDX-ANIV 10th ANNIVERSARY EDITION