

This BMW Manual is 656 pages.

QUICK REFERENCE DATA

CHAPTER ONE / GENERAL INFORMATION

CHAPTER TWO / TROUBLESHOOTING

Cylinder leakdown test / Electrical testing

CHAPTER THREE / LUBRICATION, MAINTENANCE AND TUNE UP

MoDiTeC diagnosis and integral ABS bleed test / Engine oil and filter / Final drive oil / Speedometer sensor cleaning / Compression test / Air filter replacement / Fuel filter / Valve clearance / slide rail / Tensioner rail lining and thrust piece / Spark plugs / Maintenance schedule interval

CHAPTER FOUR / ENGINE

Block / Crankshaft cover / Cylinder head / Timing cover / Cam chain tensioner / Crankshaft oil seal / timing chain guides and sprockets / Camshafts / Valves / Intermediate housing / Auxiliary shaft / Starter clutch / Idler gear / Main oil seal / Pistons / Connecting rods / Oil pan / Lower crankcase half / Output shaft / Break in

CHAPTER FIVE / CLUTCH

Master and slave cylinder / Bleeding

CHAPTER SIX / TRANSMISSION AND SHIFT MECHANISM

Rubber bushings / Seal replacement / Inspection / Reverse system

CHAPTER SEVEN / FUEL AND EXHAUST SYSTEMS

Fuel injection system EFI / Tank / Filter / Vent and float / Level sensor / Roll over valve / Air box / Air intake guide / Fuel pressure / Fuel rail / Injectors / Pressure regulator / Throttle body / Motronic control unit brain / Air temperature sensor / Coolant sensor / Oxygen sensor O2 / Carbon canister / Cruise control

CHAPTER EIGHT AND NINE / ELECTRICAL SYSTEM

Battery / Starter / Relay / Ignition coil / Hall effect sensor / Ignition timing / Bulbs / Headlight / Turn signals / Instrument panel / Electronic equipment box / Flasher unit / Switches / On board computer / Power socket / Horn / Audio system

CHAPTER TEN / COOLING AND LUBRICATION SYSTEMS

Warning system / Hoses / Coolant reserve tank / Radiators / Fans / Water pump / Oil cooler housing and thermostat / Oil coolers

CHAPTER ELEVEN / WHEELS AND TIRES

Front and rear wheel bearings / hubs

CHAPTER TWELVE / FRONT SUSPENSION AND STEERING

Handlebars / Grips / Controls / Upper fork bridge / Lower bridge / Ball joint / Front fork / Strut / Steering damper / Suspension A-arm

CHAPTER THIRTEEN / REAR SUSPENSION AND FINAL DRIVE

Shock absorber / Ring and pinion gear / Swing arm / Front drive shaft

CHAPTER FOURTEEN / ANTI LOCK BRAKE SYSTEM ABS II

Pads / Calipers / Brake fluid / Front rear master cylinder / Disc and sensor wheel / ABS sensor / ABS control unit / ABS relay / Rear brake pedal / Brake bleeding

CHAPTER FIFTEEN / INTEGRAL ABS

Pads / Calipers / Front and rear master cylinder / ABS control unit / ABS sensor / Disc and sensor wheel

CHAPTER SIXTEEN AND SEVENTEEN / BODY AND FRAME

Saddlebag seat / Front fender / Windshield / Hand guard / Upper fairing / Engine spoiler / Side covers / Rear section / Footpeg / Sidestand / Cross tube / Raising the frame / Wind deflector / Radio compartment / Handlebar cover / Crash bar / Electro Hydraulic Centerstand EHCS

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COLOR WIRING DIAGRAMS

Models covered:

1998 1999 2000 2001 2002 2003 2004 2005 K1200RS K1200 RS K 1200

2003 2004 2005 K1200GT K1200 GT K 1200

1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 K1200LT K1200 K 1200 LT

Clymer Manuals BMW K1200GT Manual

Clymer Manuals BMW K1200LT Manual

Clymer Manuals BMW K1200RS Manual

BMW K1200GT (2003-2005)

BMW K1200LT (1999-2010)

BMW K1200RS (1998-2005)

This manual does not cover, in any way, transverse mounted four-cylinder engines. Note model year coverage and that the "slant" bikes overlap years with the LT touring model (see front cover), which is an entirely different machine. This manual covers longitudinal-mounted four-cylinder models.