

This Yamaha 1300 V-Star manual is 384 pages.

QUICK REFERENCE DATA

CHAPTER 1 / GENERAL INFORMATION

Manual organization / Warnings, cautions and notes / Safety / Serial numbers / Fasteners / Shop supplies / Tools / Measuring tools / Electrical system fundamentals / Service methods / Storage / Specifications

CHAPTER 2 / TROUBLESHOOTING

Engine starting / Engine will not start / Engine performance / Engine noises / Engine lubrication / Cylinder leakdown test / Clutch / Transmission and shift mechanism / Fuel system / Fuel pump troubleshooting / Electrical testing / Electrical troubleshooting / Cooling system troubleshooting / Front suspension and steering / Brake

CHAPTER 3 / MAINTENANCE, LUBRICATION and TUNE-UP

Maintenance schedule / Cylinder numbering and engine rotation / Tune-up / Air filter / Engine compression test / Ignition timing inspection / Valve clearance / Spark plugs / Engine oil / Clutch cable free play / Shift pedal height / Fuel and exhaust systems / Throttle valve synchronization / Throttle cable free play / Control cable lubrication / Ignition and starting cutoff systems / Cooling system / Tires and wheels / Front fork / Steering head / Rear suspension / Drive belt / Brakes / Sidestand / General lubrication / Fasteners / Specifications

CHAPTER 4 / ENGINE TOP END

Finished covers / Cylinder head cover / Cam chain tensioner / Camshaft carrier / Cylinder head / Valves and valve components / Cylinder block / Pistons and rings / Specifications

CHAPTER 5 / ENGINE LOWER END

Engine / Inspection plugs / Alternator cover / Flywheel and starter gears / Starter clutch / Balancer assembly / Cam chain and chain guides / Oil/water pump drive assembly / Oil/water pump / Crankcase / Crankshaft / Connecting rods / Break-in / Specifications

CHAPTER 6 / CLUTCH and PRIMARY DRIVE GEAR

Clutch cover / Clutch release mechanism / Clutch cable / Clutch / Primary drive gear cover / Primary drive gear / Specifications

CHAPTER 7 / TRANSMISSION and SHIFT MECHANISM

Shift pedal/floorboard assembly / Engine pulley cover / Engine pulley and housing / External shift mechanism / Internal shift mechanism / Transmission / Specifications

CHAPTER 8 / FUEL/AIR, EMISSIONS and EXHAUST SYSTEMS

Frame neck covers / Fuel tank / Fuel valve / Fuel level sender / Subtank / Fuel pump / Fuel pump relay / Air filter housing / Throttle body / Throttle position (TP) sensor / Intake manifold / Fuel injector / Air temperature (AT) sensor / Intake air pressure (IAP) sensor / Lean angle sensor / Oxygen (O₂) sensor / Electronic control unit (ECU) / Throttle cable / Evaporative emissions control system / (California models) / Exhaust system / On-board diagnostic system / Specifications

CHAPTER 9 / ELECTRICAL SYSTEM

Electrical component replacement / Electrical connectors / Battery / Battery box / Charging system / Stator assembly / Voltage regulator/rectifier / Ignition system / Spark plug cap / Ignition coil / Crankshaft position (CKP) sensor / Starting system / Starter / Starter relay / Relay bracket / Relay

unit / Diode 1 / Diode 2 (2007-2009 models) / Light bulbs / Headlight / Headlight relay / Tail/brake light assembly / License plate light / Turn signal assembly / Turn signal relay / Meter assembly / Horn / Speed sensor / Switches / Left handlebar switch / Right handlebar switch / Oil level switch / Main switch / Neutral switch / Sidestand switch / Clutch switch / Brake light switch / Fuses / Specifications

CHAPTER 10 / COOLING SYSTEM

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CHAPTER 12 / FRONT SUSPENSION and STEERING

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CHAPTER 13 / REAR SUSPENSION and DRIVE BELT

Shock absorber and suspension linkage / Swing arm / Drive belt guide / Drive belt / Specifications

CHAPTER 14 / BRAKES

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CHAPTER 15 / BODY and FRAME

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COLOR WIRING DIAGRAMS

Models Covered

VStar XVS 13 XVS1300 13A 13CT A CT Dragstar Drag Star VStar

XVS13A 2007 2008 2009 2010

XVS13CT 2007 2008 2009 2010

Clymer Manuals Yamaha V-Star 1300 XVS13A Manual

Clymer Manuals Yamaha V-Star 1300 XVS13CT Manual

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V-Star 1300 XVS13A (2007-2010)

V-Star 1300 XVS13CT (2007-2010)