

This Suzuki DR-Z400 Manual is 344 pages

## QUICK REFERENCE DATA

### CHAPTER ONE / GENERAL INFORMATION

Manual organization / Warnings, cautions and notes / Safety / Vehicle identification number / Fasteners / Shop supplies / Tools / Measuring tools / Electrical system fundamentals / Basic service methods / Storage Specifications

### CHAPTER TWO / TROUBLESHOOTING

Engine operating requirements / Engine starting / Engine spark test / Starting system / Engine performance / Engine noise / Motorcycle noise / Engine leakdown test / Clutch / Shift mechanism and transmission / Brakes Steering and handling / Specifications

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

Fuel type / Pre-ride inspection / Engine break-in / Service intervals / Battery / Periodic lubrication / Engine oil and filter change / Fork oil change / Drive chain cleaning and lubrication / Air filter cleaning and oiling / Maintenance and inspection / Muffler cleaning / Carburetor float bowl draining / Coolant change / Drive chain adjustment / Throttle adjustment / Clutch cable adjustment / Tune-up / Valve clearance / Carburetor / Idle speed and mixture adjustment / Ignition timing / Compression test / Spark plugs / Specifications

### CHAPTER FOUR / ENGINE TOP END

Exhaust system / Cylinder head cover / Camshafts and cam chain tensioner / Cylinder head / Valves / Cylinder / Piston and piston rings / Specifications

### CHAPTER FIVE / ENGINE LOWER END

Engine / Crankcase / Crankcase seals / Crankcase bearings / Engine balancer / Oil strainer / Crankshaft / Specifications

### CHAPTER SIX / CLUTCH, EXTERNAL SHIFT MECHANISM AND LUBRICATION SYSTEM

Clutch cover / Clutch / Right crankcase cover / Oil pump / Cam chain and rear guide / Balancer driven gear / Primary and balancer drive gears / Shift lever / External shift mechanism / Clutch cable replacement / Specifications

### CHAPTER SEVEN / TRANSMISSION AND INTERNAL SHIFT MECHANISM

Transmission operation / Transmission service / Input shaft / Output shaft / Transmission inspection / Shift drum and forks / Specifications

### CHAPTER EIGHT / FUEL SYSTEM

Fuel system precautions / Carburetor / Throttle position sensor / Carburetor systems / Fuel valve / Evaporative emissions control system / Throttle cable replacement / Specifications

### CHAPTER NINE / ELECTRICAL SYSTEM

Troubleshooting / Ignition and charging system operation / Upper idle gear cover / Alternator cover / Lower idle gear / Stator assembly / Rotor and starter clutch / Starter / Starting system switches / Ignition system / Charging system / Radiator fan (S and SM models) / Temperature warning circuit (S and SM models) / Headlight / Taillight / Turn signals / Specifications

### CHAPTER TEN / COOLING SYSTEM

Safety precautions / Fan and switch (S and SM models) / Radiators and warning light switch /

Thermostat (S and SM models) / Water pump / Specifications

## **CHAPTER ELEVEN / WHEELS, TIRES AND DRIVE CHAIN**

Front wheel / Rear wheel / Front and rear hubs / Wheel service / Drive chain / Sprockets / Tires / Specifications

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

Handlebar / Steering stem and head / Front fork / Front fork service / Front fork adjustment / Specifications

## **CHAPTER THIRTEEN / REAR SUSPENSION**

Shock absorber / Shock absorber linkage / Swing arm / Swing arm service / Shock absorber adjustment / Specifications

## **CHAPTER FOURTEEN / BRAKES**

Brake service / Front brake pads / Front brake caliper / Front master cylinder / Rear brake pads / Rear brake caliper / Rear master cylinder / Rear brake pedal / Brake system bleeding / Brake disc / Specifications

## **CHAPTER FIFTEEN / BODY**

Side covers / Seat / Radiator covers / Fuel tank / Headlight cowl / Engine covers / Skid plate / Subframe / Specifications

## **COLOR WIRING DIAGRAMS**

Models covered:

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 Suzuki DR-Z400E  
DRZ400E DRZ 400 400E E

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 Suzuki DR-Z400S  
DRZ400S DRZ 400S DRZ 400 S

2005 2006 2007 2008 2009 2010 2011 2012 Suzuki DR-Z400SM DRZ400SM DRZ 400SM 400 SM

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Clymer Suzuki DR-Z400E Manual

Clymer Suzuki DR-Z400S Manual

Clymer Suzuki DR-Z400SM Manual

Clymer Suzuki DR-Z400 Online Manual

Clymer Suzuki DR-Z400E Online Manual

Clymer Suzuki DR-Z400S Online Manual

Clymer Suzuki DR-Z400SM Online Manual

Dual Sport Dualsport

Print Manual

DR-Z400E (2000-2012)

DR-Z400S (2000-2012)

DR-Z400SM (2000-2012)

Online Manual

DR-Z400E (2000-2009)

DR-Z400S (2000-2009)

DR-Z400SM (2000-2009)