

DR-Z400S

 SUZUKI



Breaking New Ground in 4-Stroke Dual-Sport Riding

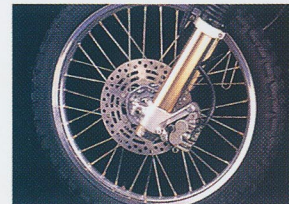
The DR-Z400S, like the off-road bikes DR-Z400/DR-Z400E it is based on, breaks new ground in off-road/dual-sport riding by offering both the broad, tractable power and torque of an advanced DOHC, liquid-cooled, 398cm³ 4-stroke engine and a chassis that's compact, light and agile. Fully street-legal worldwide, the DR-Z400S is distinguished from the off-road-only versions by equipment such as its Mikuni carburetor with which it meets all applicable emissions standards, and its compact, multi-function digital instrument cluster.

And remember: the nimble handling and 4-stroke grunt for tackling enduro runs also make the DR-Z400S a downright pleasure to ride on highways and in the city.

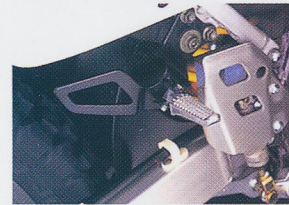
DR-Z400S



N9J : Candy Grand Blue / Solid Special White No.2



Front wheel and disc brake



Passenger footpegs



Easy-access air filter

- The 398cm³, liquid-cooled, four-stroke, DOHC 4-valve engine produces broad, tractable power and torque and also features a compact, streamlined design for the double merits of low engine positioning and extra-slim, off-road rider-friendly chassis.
- The engine's aluminum cylinder is plated with the race-proven SCEM (Suzuki Composite Electrochemical Material) coating for reduced weight and better heat transfer.
- A dry-sump oiling system makes the crankcase compact.
- Magnesium-alloy clutch, magneto and cam covers reduce weight.
- A digitally mapped DC-CDI system monitors throttle position and engine rpm, and adjusts ignition timing to maintain efficient combustion.
- Compact electric starter motor.
- For easier starting, an automatic decompression system lifts one-exhaust valve at cranking rpm.
- The DR-Z400S meets all emissions standards for highway use, thanks to a Mikuni BSR36 CV carburetor.
- The DR-Z400S's narrow frame combines a thin-wall, round- and rectangular-section

chrome-moly steel tubes for exceptional torsional rigidity and minimum weight, and a lightweight aluminum bolt-on rear subframe.

- An aluminum-alloy rock guard is provided in front of the engine cradle.
- Long-travel, 49mm-stanchion-tube front fork with protective rubber boots; progressive-linkage rear suspension system connected to an aluminum swingarm.
- Powerful disc brakes front (250mm) and rear (220mm), with a dual-piston caliper up front and a single-piston caliper out back.
- The compact digital instrument cluster includes a speedometer, odometer, two trip meters with addition and subtraction capability, and clock, timer and stopwatch functions.
- For easy maintenance, the air filter can be accessed with your bare hands, and the clutch cover can be removed without draining the engine coolant.
- A pouch on the rear fender carries a tool kit and the owner's manual.
- Bright 60/55-watt H4 halogen headlamp; compact tail and stop lamps; lightweight turn signals.

DR-Z400S SPECIFICATIONS

Engine type	4-stroke, 1-cylinder, DOHC, liquid-cooled	
Piston displacement	398cm ³	
Bore × stroke	90.0mm × 62.6mm	
Compression ratio	11.3 : 1	
Carburetor	MIKUNI BSR36SS, single	
Starter system	Electric	
Transmission	5-speed constant mesh	
Primary drive ratio	2.960 (74/25)	
Overall length	2,310mm (90.9 in.)	
Overall width	875mm (34.4 in.)	
Overall height	1,240mm (48.8 in.)	
Wheelbase	1,485mm (58.5 in.)	
Ground clearance	300mm (11.8 in.)	
Seat height	935mm (36.8 in.)	
Dry mass	132kg (291 lbs.)	
Suspension	front	Telescopic, coil spring, oil damped, compression damping force 11-way adjustable,
	rear	Link type, coil spring, oil damped, spring pre-load fully adjustable, compression damping force 26-way adjustable
Brakes	front	Disc
	rear	Disc
Tires	front	80/100-21 51P
	rear	120/90-18 65P
Ignition type	DC-CDI (Digital electronic)	
Fuel tank	10.0L (2.6 US gal.)	
Body colors	YR1 : Champion Yellow N9J : Candy Grand Blue / Solid Special White No.2	

Specifications shown have been achieved by production models under standard operating conditions. Data is intended to describe the motorcycle fairly but may not apply to every machine. Suzuki reserves the right to change specifications, equipment, materials, colour or any other item without notice. Actual colours may differ from the colours printed in this brochure. Please confirm the full specification of a particular machine with your dealer prior to purchase. All details correct at time of going to print.

- Always wear approved helmet, eye protection and protective clothing.
- Read and understand the owner's manual before riding the machine.
- Never ride under the influence of alcohol or other drugs.

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DR-Z400SK1 Date of Preparation February 2001 PART NO: MB01DRZ400S-LEAF

 **SUZUKI**
Ride the winds of change