

# DR-Z400S



# 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, 398cm<sup>3</sup> 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.

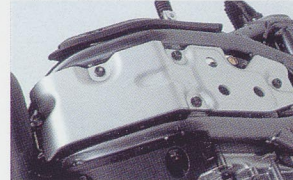
## DR-Z400S



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



Progressive-linkage rear suspension



Aluminum-alloy engine protector



60/55W H4 halogen headlamp

- The 398 cm<sup>3</sup>, 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, cartridge-type front fork with protective rubber boots. Spring preload and compression and rebound damping are all adjustable, allowing precise settings.
- Progressive-linkage rear suspension, with long-travel rear shock, aluminum swingarm, and adjustable spring preload and compression damping.
- Powerful disc brakes front (250 mm) and rear (220 mm), 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, liquid-cooled, DOHC	
Piston displacement	398 cm <sup>3</sup>	
Bore × stroke	90.0 mm × 62.6 mm	
Compression ratio	11.3 : 1	
Carburetor	MIKUNI BSR36SS, single	
Starter system	Electric	
Transmission	5-speed constant mesh	
Drive system	Chain, 112 links	
Overall length	2,310 mm (90.9 in.)	
Overall width	875 mm (34.4 in.)	
Overall height	1,240 mm (48.8 in.)	
Wheelbase	1,485 mm (58.5 in.)	
Ground clearance	300 mm (11.8 in.)	
Seat height	935 mm (36.8 in.)	
Dry mass	132 kg (291 lbs.)	
Suspension	front	Telescopic, coil spring, oil damped, rebound damping force 18-way adjustable, compression damping force 14-way adjustable
	rear	Link type, coil spring, oil damped, spring preload 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	Electronic ignition (CDI)	
Fuel tank	9.5 L (2.5 US gal.)	
Body colors	YU1 : Champion Yellow No.2 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

For more information, contact your local Authorised Suzuki Dealer or telephone the 24 hour hotline: 01892 707001 [www.suzuki.co.uk](http://www.suzuki.co.uk) Suzuki Information Department, P.O. Box 56, Tunbridge Wells, Kent TN11 2XU

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Part No: MB02DRZ400S-LEAF

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