

2019

DR-Z400SM



SOLID SPECIAL WHITE NO. 2
(RED GRAPHICS WITH GOLD WHEELS)

DR-Z400SM

- // Suzuki's Supermotard based on proven DR-Z400S
- // Compact, liquid-cooled, 398cc, single produces widespread power
- // New color and graphics with gold or blue Excel spoke-style wheels
- // Wide sport tires and 300mm floating front brake rotor
- // RM250-derived inverted forks and tapered swingarm



SOLID SPECIAL WHITE NO. 2
(BLUE GRAPHICS WITH BLUE WHEELS)

2019

DR-Z400SM



SUZUKI'S SUPERMOTO DR-Z400SM IS BASED ON THE PROVEN DR-Z400S. SO IT COMBINES SUPERMOTARD STYLE AND FEATURES IN A NARROW, LIGHTWEIGHT, STREET-LEGAL PACKAGE. THIS BIKE BRINGS OFF-ROAD SOUL AND FUN TO PAVED ROADS. IT'S NOT UNCOMMON TO TAKE THE SUPERMOTO DOWN A TWISTY FOREST ROAD, AROUND TIGHT CANYON CORNERS, OR THROUGH COMMUTER TRAFFIC.

ITS 398CC, LIQUID-COOLED, FOUR-STROKE ENGINE PROVIDES STRONG LOW-RPM TORQUE AND CRISP THROTTLE RESPONSE FOR ANY OF THESE OCCASIONS. KEY DIFFERENCES BETWEEN THE DR-Z400SM AND THE DR-Z400S ARE THE INVERTED FRONT FORK, WIDE, SPOKE-STYLE WHEELS, AND 300MM DIAMETER FLOATING FRONT BRAKE ROTOR. THE INVERTED FORK CONTRIBUTES TO LESS UNSPRUNG WEIGHT AND IMPROVED OVERALL HANDLING, WHILE THE LARGE BRAKE AND WIDER RIMS WITH HIGH-GRIP TIRES OFFER AN EXHILARATING SPORTBIKE EXPERIENCE.

DR-Z400SM / FEATURES

KEY FEATURES

- // Suzuki's Supermotard model, based on the proven DR-Z400S, combines Supermotard style and features in a narrow, lightweight, street-legal package.
- // Versatile and strong, 398cc, DOHC, liquid-cooled, dry-sump engine has push-button starting.
- // SuperMoto boasts fully adjustable suspension and strong spoke wheels featuring high-grip sportbike tires on wide aluminum rims.
- // New white bodywork with red or blue accent graphics complement the motorcycle's styling.
- // The white and red DR-Z400SM features bright, gold anodized Excel wheel rims, while the white and blue bike features blue anodized rims that stylishly exude performance.

ENGINE FEATURES

- // Lightweight, 398cc, DOHC, liquid-cooled, dry-sump engine produces strong, tractable power.
- // Compact, four-valve cylinder head has 36mm intake valves, 29mm exhaust valves, narrow 28-degree included valve angle, and shim-under-bucket valve adjustment system.
- // Simple electric starting is powered via a lightweight starter motor with an automatic mechanical decompression system.
- // SCEM-plated cylinder (nickel-silicon-phosphorus) is lighter and more durable than an iron liner and has excellent heat transfer properties.
- // Forged aluminum piston is 10 percent lighter than a cast piston and receives additional oil-cooling through a crankcase oil jet.
- // A refined Mikuni 36mm carburetor, with new deceleration enricher circuit, is fed by a six-liter airbox to provide smooth throttle response when accelerating or engine braking.
- // The left side body cover has quick-release fasteners for easy access to the air filter.
- // The addition of a PAIR (air supply) system to the exhaust helps the motorcycle achieve emissions compliance without affecting performance.
- // Thermostatically-controlled cooling fan mounted to the left radiator helps maintain consistent operating temperature in traffic.
- // Magnesium valve cover, clutch cover, and magneto cover provide additional weight savings.

TRANSMISSION FEATURES

- // Compact, five-speed transmission utilizes a cable-operated clutch with a separate magnesium outer cover for simplified clutch maintenance.
- // Low-maintenance, long-life, sealed O-ring type drive chain produces minimal sounds when riding.

CHASSIS FEATURES

- // Wide, blue or gold anodized RK Excel aluminum rims with stainless steel spokes are fitted with sporty radial tires: 120/70-R17 front and 140/70-R17 rear.
- // Strong braking performance is supplied by a front disc brake with a large 300mm floating-type rotor and dual-piston caliper, plus a 240mm rear disc brake with single-piston caliper.
- // Long travel, Showa inverted front fork is derived from a RM250 and features adjustable compression/rebound damping and alumite coating on inner tube surfaces for smooth action.
- // A fully adjustable rear shock absorber with high/low speed compression damping adjuster and a tapered RM-inspired aluminum swingarm combine for precise rear wheel control.
- // Renthal tapered aluminum handlebar has an aggressive look, reduces vibration, and has a great bend for spirited riding.
- // Chrome-moly steel frame tuned for Supermotard style riding is torsionally strong with minimal weight. The backbone tube, front down tube, and steering head gussets form the dry-sump engine oil tank.
- // A bolt-on aluminum sub-frame helps reduce weight, simplify maintenance, and contribute to the trim rear fender appearance.
- // Front and rear axle sliders help protect against damage in the case of a tip-over.

ELECTRICAL FEATURES

- // Compact, digital instrument cluster includes speedometer, odometer, and twin-trip meters with addition/subtraction capability, clock, and stopwatch functions.
- // On-road legal lighting includes bright 60/55-watt halogen headlight, compact tail/stoplight, lightweight, rubber-mounted turn signals, and horn.
- // Electrical systems, including the easy-push button starter, are powered by a compact, 6.5-amp, maintenance-free battery.

ADDITIONAL FEATURES

- // Suzuki 12-month limited warranty. Longer coverage periods with other benefits are available through Suzuki Extended Protection (SEP).
- // A variety of Genuine Suzuki Accessories for DR-Z400SM owners are available, including a low-profile seat, cargo rack, handguard set, and a large selection of Suzuki logo apparel.
- // For more details, please visit www.suzukicycles.com.

2019

DR-Z400SM



DR-Z400SM / SPECS

ENGINE

Engine:	398cc, 4-stroke, liquid-cooled, single cylinder, DOHC
Bore x Stroke:	90.0 mm x 62.6 mm (3.54 in. x 2.44 in.)
Compression Ratio:	11.3:1
Fuel System:	Mikuni BSR36, single carburetor
Starter:	Electric
Lubrication:	Semi-dry sump

DRIVE TRAIN

Clutch:	Wet multi-plate
Transmission:	5-speed constant mesh
Final Drive:	Chain, RK520KZ0, 110 links

CHASSIS

Suspension, Front:	Inverted telescopic, coil spring, oil damped, adjustable damping force
Suspension, Rear:	Link type, coil spring, oil damped, adjustable spring preload and damping force
Brake, Front:	Disc brake, single floating rotor
Brake, Rear:	Disc brake, single rotor
Tire, Front:	120/70 R17 M/C 58H, tube type
Tire, Rear:	140/70 R17 M/C 66H, tube type
Fuel Tank Capacity:	10.0 L (2.6 US gal.) 9.5 L (2.5 US gal.) CA model

ELECTRICAL

Ignition:	Electronic ignition (CDI)
Spark Plug:	NGK CR8E or DENSO U24ESR-N
Headlight:	12V 60/55W (H4)
Tail Light:	12V 21/5W

DIMENSIONS

Overall Length:	2225 mm (87.6 in.)
Overall Width:	855 mm (33.7 in.)
Overall Height:	1200 mm (47.2 in.)
Wheelbase:	1460 mm (57.5 in.)
Ground Clearance:	260 mm (10.2 in.)
Seat Height:	890 mm (35.0 in.)
Curb Weight:	146 kg (322 lb.)



2019SUZUKISUPERMOTO

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