

# 2018

## DR-Z400SM



- Suzuki's Supermotard based on proven DR-Z400S
- Gold-anodized EXCEL spoke-style wheels
- Wide sport tires and 300 mm floating front brake rotor
- RM250 derived inverted forks and swingarm



### DR-Z400SM COLOR



Solid Black

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## 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 glide through commuter traffic. Its 398cc liquid-cooled, 4-stroke engine provides strong low-RPM torque and crisp throttle response for any of these occasions. The key differences between the DR-Z400SM and the DR-Z400S are the inverted front fork; wide, spoke-style wheels; and 300 mm 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 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 with push-button starting.
- Fully adjustable suspension, strong spoke wheels featuring high-grip sportbike tires on wide aluminum rims.
- New black bodywork with fresh yellow and gray graphics complement the motorcycle's styling. Bright, gold-anodized EXCEL wheel rims exude performance.

### ENGINE FEATURES

- Lightweight 398cc, DOHC, liquid-cooled, dry-sump engine produces strong, tractable power.
- Compact 4-valve cylinder head with 36 mm intake valves, 29 mm exhaust valves, narrow 28-degree included valve angle, and shim-under-bucket valve adjustment system.
- Simple electric starting via a lightweight starter motor with an automatic mechanical decompression system.
- SCEM-plated cylinder (nickel-silicon-phosphorous) is lighter and more durable than an iron liner with 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.
- Smooth throttle response with a Mikuni™ 36 mm carburetor fed by 6-liter air box. The left side cover has quick-release fasteners for easy access to the air filter.
- Thermostatically controlled cooling fan mounted to the left radiator helps maintain consistent operating temperature in traffic.
- Additional weight savings with magnesium valve cover, clutch cover, and magneto cover.

### TRANSMISSION FEATURES

- Compact 5-speed transmission utilizes a cable-operated clutch with a separate 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-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 300 mm floating-type rotor and dual-piston caliper, plus a 240 mm rear disc brake with single-piston caliper.
- Long-travel, Showa inverted front fork is derived from an 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 and rebound damping force adjustment, a threaded spring preload 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 contributes 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 with speedometer, odometer, and twin-trip meters with addition/subtraction capability, clock, and stopwatch functions.
- On-road legal lighting with bright 60/55 watt halogen headlight, compact tail/stoplight, lightweight, rubber-mounted turn signals, and horn.
- Electrical systems, including the easy push button starter, powered by a compact 6.5-amp maintenance-free battery.

### ADDITIONAL FEATURES

- 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, hand guard set, and a large selection of Suzuki logo apparel.
- For more details, please visit [www.suzukicycles.com](http://www.suzukicycles.com).

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### DR-Z400SM SPECS

<b>Engine:</b>	398cc, 4-stroke, liquid-cooled, single cylinder, DOHC
<b>Bore x Stroke:</b>	90.0 x 62.6 mm (3.54 x 2.44 in.)
<b>Compression Ratio:</b>	11.3: 1
<b>Fuel System:</b>	Mikuni BSR36, single carburetor
<b>Starter:</b>	Electric
<b>Lubrication:</b>	Semi-dry sump
<b>Clutch:</b>	Wet multi-plate
<b>Transmission:</b>	5-speed constant mesh
<b>Final Drive:</b>	Chain, RK520KZ0, 110 links
<b>Suspension, Front:</b>	Inverted telescopic, coil spring, oil damped, adjustable damping force
<b>Suspension, Rear:</b>	Link type, coil spring, oil damped, adjustable spring preload, and damping force
<b>Brake, Front:</b>	Disc brake, single floating rotor
<b>Brake, Rear:</b>	Disc brake, single rotor

<b>Tire, Front:</b>	120/70 R17 M/C 58H, tube type
<b>Tire, Rear:</b>	140/70 R17 M/C 66H, tube type
<b>Fuel Tank Capacity:</b>	10.0 L (2.6 US gallons), 9.5 L (2.5 US gallons) CA model
<b>Ignition:</b>	Electronic ignition (CDI)
<b>Spark Plug:</b>	NGK CR8E or DENSO U24ESR-N
<b>Headlight:</b>	12V 60/55W (H4)
<b>Taillight:</b>	12V 21/5W
<b>Overall Length:</b>	2225 mm (87.6 in.)
<b>Overall Width:</b>	855 mm (33.7 in.)
<b>Overall Height:</b>	1200 mm (47.2 in.)
<b>Wheelbase:</b>	1460 mm (57.5 in.)
<b>Ground Clearance:</b>	260 mm (10.2 in.)
<b>Seat Height:</b>	890 mm (35.0 in.)
<b>Curb Weight:</b>	146 kg (322 lbs.)

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