

**DR650S****OVERVIEW**

The 2025 Suzuki DR650S continues to be the best all-around, dual-purpose motorcycle available today. Always an outstanding performance value, every DR650S features a dependable, 644cc, oil-cooled, four-stroke, single-cylinder engine carried in a strong steel, semi-double cradle frame.

Strong aluminum, spoke-style rims carrying tires that can manage the street or dirt are fitted so riders can tackle pavement or trails with ease. A variety of riders can enjoy this motorcycle, thanks to a seat height that can be significantly reduced (using the optional Short Side Stand Kit\* from Suzuki Genuine Accessories). Whatever riding adventure you plan to undertake, the 2025 Suzuki DR650S is your willing partner.



Solid Special White No. 2



Solid Black &amp; Iron Gray

**2025****2025**

## KEY FEATURES

- A true DualSport, the DR650S is ready to cruise around town, up the highway, or down your favorite trail. Engineered into the suspension is the ability to lower the seat height\* (Suzuki dealers can perform using an accessory side stand kit).
- With Solid Black and Solid Gray or bright Solid Special White bodywork that features distinctive blue and black graphics, the DR650S looks good when ridden on any surface. A long, comfortable seat, aluminum footpegs, and grab handles allow the rider to carry a passenger with ease.
- The compact and powerful, 644cc, SOHC, four-stroke, air- and oil-cooled engine features the Suzuki Advanced Cooling System (SACS). Piston-jet cooling and an oil cooler help create consistent performance in a variety of conditions. With an emphasis on low- to mid-rpm range power, a gear-driven balancer shaft minimizes engine vibration.
- The multi-plate clutch has precise push rod actuation for a light lever pull and a consistent release point. A smooth-shifting five-speed transmission is complemented by a sealed O-ring drive chain.
- A lightweight, semi-double cradle steel frame delivers agile handling on- and off-road. An innovative, height-adjustable\* fork and link-type rear suspension with a piggyback style, aluminum-body shock absorber provide a smooth and controlled ride.
- DR650S uses a lightweight, low-maintenance battery to feed a convenient electric starter with an automatic decompression system for easy and quick starting. A full street-legal lighting system comes with a bright halogen headlight.

## ENGINE

- The compact and powerful, 644cc, SOHC, four-stroke, air- and oil-cooled engine features the Suzuki Advanced Cooling System (SACS). Piston-jet cooling and an engine oil cooler create consistent performance in a variety of conditions.
- The engine is tuned with an emphasis on performance in the low- to mid-rpm range, while a gear-driven balancer shaft minimizes vibration for a comfortable ride.
- A Suzuki Composite Electrochemical Material (SCEM)-coated aluminum cylinder is used for durability, light weight, and excellent heat dissipation.
- Large Mikuni® 40mm carburetor provides a smooth intake flow and quick throttle response.
- The stainless-steel exhaust system is lightweight, corrosion-resistant; and is tuned specifically for strong low- and mid-range power.

## DRIVELINE

- The multi-plate clutch has precise push rod actuation of the pressure plate for a light lever pull and a consistent release point.
- A smooth-shifting five-speed transmission is complemented by a sealed O-ring drive chain.

## CHASSIS

- A lightweight, compact, rigid, semi-double cradle frame provides agile handling on- and off-road.
- Innovative, height-adjustable\* front fork provides smooth and progressive action. Large diameter, thin-walled tubes reduce unsprung weight, while maintaining high rigidity.
- A link-type rear suspension with a piggyback style, aluminum-body shock absorber helps provide stable performance. The height adjustable\* shock features adjustable spring preload and compression damping to personalize the suspension for rider, load, and terrain.
- Front and rear suspensions provide generous 260mm (10.2-inch) wheel travel for superb performance over rough terrain.
- The front brake uses a lightweight 290mm (11.4-inch) stainless steel floating-disc with a two-piston caliper that is complemented by a 240mm (9.4-inch) rear disc with a two-piston brake caliper.
- Aluminum rims with stainless steel spokes are standard and built for durability and strength.
- The wheels are fitted with 90/90-21 front and 120/90-17 dual sport rear tires offering excellent on- and off-road traction.
- Hollow-type wheel axles and an aluminum, beam-style swingarm reduce unsprung weight.

## BODY

- With Solid Black and Solid Gray bodywork with contrasting black and orange graphics, or bright Solid Special White No. 2 bodywork that features distinctive blue and black graphics, the DR650S looks good when ridden on any surface.
- A long, comfortable seat, aluminum footpegs, and grab handles allow the rider to carry a passenger with ease.

## ELECTRICAL

- DR650S is powered by a lightweight and compact, low-maintenance battery.
- Digitally mapped DC-CDI ignition system provides accurate spark timing for efficient combustion.
- A convenient electric starter (supplemented with a zero-maintenance automatic decompression system) provides easy, quick starting.
- A fully equipped lighting system comes with a bright 60/55-watt halogen headlight.

## ADDITIONAL

- Seat height may be lowered by 40 mm (1.6 inches) using a Genuine Suzuki Accessory Kit\*. The kit includes a shorter side stand to match the chassis height adjustment.
- Other Genuine Suzuki Accessories include a cargo rack and skid plate, and a selection of Suzuki apparel is available.
- Suzuki 12-month limited warranty. Longer coverage periods with other benefits are available through Suzuki Extended Protection (SEP).
- For more details, please visit [www.suzukicycles.com](http://www.suzukicycles.com).

\*Seat and suspension height is adjustable by your Suzuki Dealer, using a Genuine Suzuki Accessory short side stand kit.

## SPECIFICATIONS

### ENGINE

<b>Engine:</b>	644cc, 4-stroke, air-cooled, single cylinder, SOHC
<b>Bore x Stroke:</b>	100.0 mm x 82.0 mm (3.93 in. x 3.23 in.)
<b>Compression Ratio:</b>	9.5:1
<b>Fuel System:</b>	Mikuni® BST40, single carburetor
<b>Starter:</b>	Electric
<b>Lubrication:</b>	Wet sump

### DRIVETRAIN

<b>Clutch:</b>	Wet, multi-plate type
<b>Transmission:</b>	5-speed constant mesh
<b>Final Drive:</b>	Chain, DID®525V9, 110 links

### CHASSIS

<b>Suspension, Front:</b>	Telescopic, coil spring, oil damped
<b>Suspension, Rear:</b>	Link type, coil spring, oil damped
<b>Brake, Front:</b>	Disc brake, single floating rotor
<b>Brake, Rear:</b>	Disc brake, single rotor
<b>Tire, Front:</b>	90/90-21 M/C 54S, tube type
<b>Tire, Rear:</b>	120/90-17 M/C 64S, tube type
<b>Fuel Tank Capacity:</b>	13.0 L (3.4 US gal.) 12.0 L (3.2 US gal.) CA model

### ELECTRICAL

<b>Ignition:</b>	Electronic ignition (CDI)
<b>Spark plugs:</b>	NGK® DR8EA or DENSO® X24ESR-U
<b>Headlight:</b>	12V 60/55W (H4)
<b>Tail Light:</b>	12V 21/5W

### DIMENSIONS

<b>Overall Length:</b>	2255 mm (88.8 in.)
<b>Overall Width:</b>	865 mm (34.1 in.)
<b>Overall Height:</b>	1195 mm (47.0 in.)
<b>Wheelbase:</b>	1490 mm (58.7 in.)
<b>Ground Clearance:</b>	265 mm (10.4 in.)
<b>Seat Height:</b>	885 mm (34.8 in.) 845 mm (33.2 in.) with optional lowering kit
<b>Curb Weight:</b>	166 kg (366 lb.)

### WARRANTY

<b>Warranty:</b>	12-month unlimited mileage limited warranty Longer coverage periods with other benefits are available through Suzuki Extended Protection (SEP).
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