

Suzuki Intelligent Ride System (S.I.R.S.)

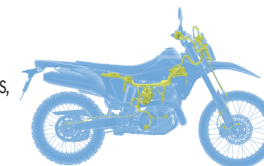
S.I.R.S. features a collection of advanced electronic rider assist systems that help optimize performance characteristics to suit your changing riding needs and preferences.

By realizing a more controllable, predictable and less tiring riding experience, S.I.R.S. lets you ride with greater confidence, on or off the road.

Suzuki Traction Control System (STCS)

STCS helps prevent rear wheel spin, enabling you to better control the bike in diverse and varying conditions. This reduces stress and fatigue, while also instilling greater confidence. Freely select between two standard on-road modes, G (Gravel) mode, or opt to turn the system off. With settings for each model specifically tuned to match its respective tire and suspension configuration, STCS provides optimized performance on both the DR-Z4S and the DR-Z4SM.

Note: Traction Control System is not a substitute for the rider's throttle control. It cannot prevent loss of traction due to excessive speed when entering turns, or while braking. Nor can it prevent the front wheel from losing traction.



Suzuki Traction Control System Image

G (Gravel) Mode

G mode allows a limited amount of tire slip when riding on unpaved surfaces so the bike remains controllable, while at the same time delivering the consistent power output you want for exploring unpaved roads and country trails with greater confidence. The dedicated setting for the DR-Z4S aims at being effective not only on flat dirt but also on undulating terrain, while the DR-Z4SM setting focuses more on flat-dirt conditions, allowing a little more spin that lets you really experience its sporty motard character with greater confidence.

Suzuki Drive Mode Selector (SDMS)

Select freely between three modes that change power characteristics to match varying riding conditions or your preferences for any given outing. While all three modes ultimately deliver maximum engine output, fine control over the level of response and torque output as you open the throttle empowers you to ride with greater confidence. The settings for each mode are meticulously tuned and thoroughly tested to deliver optimum performance.

Mode A

Provides the sharpest response as the throttle is opened. Tuned to deliver exciting acceleration, it is well suited for enjoying aggressive runs on good surfaces.

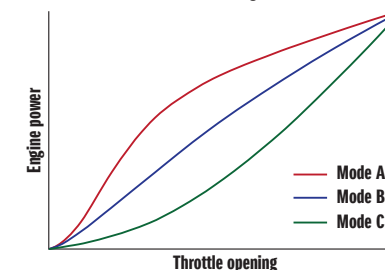
Mode B

Features softer throttle response and a more linear power delivery curve as you open the throttle. Settings are tuned to realize a good fit for a broad range of riding styles and road conditions.

Mode C

Prioritizes comfort by offering yet softer throttle response and more gentle torque characteristics. This mode is useful when riding on loose or otherwise slippery surfaces.

Power delivery image by mode



Anti-lock Brake System

The Anti-lock Brake System (ABS) contributes to more stable braking by helping prevent the wheels from locking up, even under hard braking. The ABS unit itself features a compact, lightweight design that contributes to nimble handling.

Note: ABS is not designed to shorten the braking distance. ABS cannot prevent wheel skidding caused by braking while cornering. Please drive carefully and do not overly rely on ABS.

DR-Z4S

The DR-Z4S is the first Suzuki production model that lets you switch ABS OFF for both the front and rear brakes to take full control over braking when riding off-road. Alternatively, you can opt to turn off ABS for the rear wheel alone.

DR-Z4SM

The DR-Z4SM lets you switch off ABS at the rear wheel, giving you the option to match your preferred control method when braking on gravel or other loose surfaces. Front ABS remains active full time.

Ride-by-Wire Electronic Throttle System

Suzuki's electronic throttle control system leverages the onboard ECM to finely control the relationship between throttle action and engine output characteristics. This improves controllability and provides faithful response, particularly when first opening the throttle. The new throttle housing is smaller, improving operability and adding greater flexibility in riding position. It is also resistant to damage in the event of a minor fall.

