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# 2026 KAWASAKI Z1100 SE ABS MOTORCYCLE

## SUGOMI AWAKENS

The new 2026 [Kawasaki Z1100 SE ABS](#) represents the pinnacle of Kawasaki's Supernaked lineup, combining aggressive styling, thrilling performance, and advanced technology. As the largest-displacement Z model yet, it carries forward the spirit of *sugomi* – a design and performance philosophy defined by sharp, dynamic lines and instinctive ride feel – refined over generations of Z models.

With a 1,099cc liquid-cooled, 4-stroke, in-line four engine that produces linear throttle response and sharp, direct handling, the Z1100 SE ABS delivers a riding experience that excites at every twist of the throttle. Rider-focused technologies like Kawasaki Cornering Management Function (KCMF), Kawasaki TRaction Control (KTRC), Kawasaki Quick Shifter (KQS), and Kawasaki Intelligent anti-lock Brake System (KIBS), plus integrated ride modes and cruise control, help make that performance more accessible and controllable than ever.

Modern touches like a full-color 5" TFT display with smartphone connectivity and *RIDEOLOGY THE APP MOTORCYCLE*\* integration enhances both convenience and connection. For riders who want the thrill of twisty roads with the comfort of an upright riding position, the Z1100 SE ABS is the ultimate expression of *sugomi*-inspired performance.



### Z1100 SE ABS HIGHLIGHTS:

- 1,099cc liquid-cooled, 4-stroke, in-line four engine
- Advanced electronics package
  - KCMF
  - IMU
  - KTRC
  - KIBS
  - Power Modes
  - Integrated Riding Modes
  - KQS
  - Electronic Cruise Control
- 5" TFT instrumentation with smartphone connectivity
- Aluminum twin-tube frame
- Showa SFF-BP front fork and Ohlins S46 rear shock
- Brembo M4.32 front brake calipers and steel braided lines
- Dunlop Sportmax Q5A tires
- USB-C handlebar-mounted outlet

- Fierce and intense Sugomi design

## ENGINE

The 2026 Kawasaki Z1100 SE ABS is powered by a liquid-cooled, DOHC, 16-valve 1,099cc in-line four engine designed to deliver strong, responsive performance across the entire rev range. Its 1,099cc engine displacement features a bore and stroke of 77.0 x 59.0 mm, resulting in optimal torque, especially in the low-to-mid rpm range – where riders spend much of their time. The ECU and Electronic Throttle Valves (ETV) work in tandem to provide smooth and immediate throttle response, particularly effective for low-speed maneuvers and spirited sport riding. A distinctive intake howl, sharp throttle feel, and strong over-rev characteristics complete the exhilarating engine character.

Contributing to this performance is a suite of advanced intake and fueling technologies. The 38mm downdraft throttle bodies promote efficient airflow, while optimized intake ports increase intake velocity in the low- to mid-rpm range, enhancing torque output and fuel efficiency. Cam profiles, valve lift and valve springs were designed specifically for this engine, contributing to strong low-end response and economy. The flywheel helps smooth engine response and boosts rideability at lower engine speeds, while the piston shape and inter-cylinder passageways help to reduce pumping losses at high rpm.

The new Z1100 SE ABS also benefits from optimized gearing across all six gears, with long ratios in 5th and 6th gears to improve comfort during highway cruising. For instance, at 62 mph in 6th gear, the engine runs at approximately 4,000 rpm. Combined with optimized primary and secondary reduction ratios, the result is a broad performance envelope that adapts well to a variety of riding conditions. A secondary balancer gear smooths out excess engine vibrations while preserving the engine feel that defines the Z Supernaked experience.

Cooling and exhaust systems were also designed to support the 1,099cc displacement. A large radiator assists heat dissipation, while the 4-2-1 exhaust system – with added joint pipes and an under-engine pre-chamber – delivers both performance and centralized mass. The system includes three catalyzers and dual O2 sensors for cleaner emissions, while the high-mounted silencer accentuates the dynamic sugomi-inspired styling.

The race-derived Assist & Slipper Clutch ensures smooth, confident shifting. The assist function reduces lever effort for an easy clutch pull, while the slipper function mitigates rear-wheel hop during aggressive downshifting or sudden deceleration. Together, these technologies complete the Z1100 SE ABS's engine package – a refined, torquey, and responsive powerplant built to deliver a thrilling and controllable ride, whether through the canyons or cruising the open highway.

## KAWASAKI CORNERING MANAGEMENT FUNCTION (KCMF)

KCMF represents the latest evolution of Kawasaki's advanced electronic rider support systems. At the heart of KCMF is Kawasaki's proprietary dynamic modeling software, which – paired with real-time feedback from a compact Inertial Measurement Unit (IMU) – monitors engine and chassis parameters throughout every phase of a corner. From entry to apex to exit, KCMF modulates brake force and engine power to assist the rider in maintaining smooth, controlled transitions and holding their intended line.

On the Z1100 SE ABS, KCMF oversees key systems including KTRC, which manages traction and wheel lift, and KIBS, which supports corner braking and pitching control. This integrated approach helps

deliver a confident, composed ride, allowing the bike to respond precisely to the rider's inputs – even under varying road and tire conditions.

### **ENHANCED CHASSIS ORIENTATION AWARENESS: IMU (INERTIAL MEASUREMENT UNIT)**

Enhancing the advanced electronics on the Z1100 SE ABS is a compact, lightweight Inertial Measurement Unit (IMU) that adds a new layer of precision to Kawasaki's high-level KTRC and KIBS systems. Weighing just 40 g., the IMU continuously measures acceleration along the longitudinal, transverse, and vertical axes, as well as roll and pitch rates. Yaw rate is calculated by the ECU using proprietary Kawasaki software.

This real-time data gives the ECU an even clearer picture of the bike's chassis orientation across six degrees of freedom, allowing for more refined control of rider support systems. The result is improved responsiveness and stability, particularly in dynamic situations like cornering, braking, and acceleration – helping riders stay in command with confidence.

### **KAWASAKI TRACTION CONTROL (KTRC)**

The KTRC system on the Z1100 SE ABS offers riders a versatile, confidence-inspiring safety net across a variety of riding conditions. With three selectable modes, KTRC allows riders to tailor the system's intervention to their needs, whether maximizing sport performance or maintaining control on low-traction surfaces. Mode 1 prioritizes acceleration with minimal intervention, Mode 2 strikes a balance between performance and reassurance, and Mode 3 provides the highest level of support for challenging surfaces. Riders can also turn the system off entirely for full manual control.

KTRC uses sophisticated software that continuously analyzes front and rear wheel speeds, rider inputs, and chassis behavior every 5 milliseconds to maintain optimal traction. In Mode 1, the system allows a calculated degree of rear wheel slip for maximum drive, adapting to road camber and gradient – even without IMU input. Modes 2 and 3 engage additional safeguards: when excessive slip is detected, ignition timing and engine output are precisely managed to regain grip smoothly and naturally. Whether accelerating quickly or navigating low-traction conditions, KTRC helps ensure a controlled ride.

### **KAWASAKI INTELLIGENT ANTI-LOCK BRAKE SYSTEM (KIBS)**

The Kawasaki Z1100 SE ABS is equipped with KIBS, a supersport-grade brake management system designed to deliver high-precision control during spirited riding. Unlike standard ABS setups, KIBS is a multi-sensing system that integrates inputs from both the ABS and engine ECU to monitor front and rear wheel speeds, front caliper hydraulic pressure, throttle position, engine speed, clutch actuation, and gear position. This integration allows for extremely fine modulation of brake pressure, preserving natural lever feel and delivering smooth, light ABS pulses that reduce rider distraction.

KIBS offers several key performance advantages for sport riders. By carefully regulating brake pressure increases, it limits rear-wheel lift under hard braking and minimizes kickback, enhancing overall stability. The system also accounts for engine back-torque during downshifts, helping prevent unnecessary ABS activation and leaving brake modulation in the rider's hands. With additional feedback from the Z1100's IMU, KIBS incorporates corner braking management to modulate brake force during trail braking or mid-

corner braking to help riders maintain their intended line. The result is a braking system that complements the Z1100 SE ABS's high-performance character with smooth, confident control.

## **INTEGRATED RIDING MODES: SPORT, ROAD, RAIN, RIDER (MANUAL)**

The Kawasaki Z1100 SE ABS features Integrated Riding Modes that combine KTRC and Power Mode settings into easy-to-select presets, allowing riders to quickly adapt the bike's performance to changing road or weather conditions. Riders can choose from three all-inclusive modes – Sport, Road, and Rain – or opt for a manual Rider mode, which allows individual adjustment of each system for a more personalized setup.

Sport mode delivers responsive power and minimal traction control for spirited riding, while Road mode provides a balanced setup ideal for a wide range of conditions, from city streets to open highways. Rain mode prioritizes rider reassurance with gentler power delivery and increased traction control. Conveniently, modes can be switched on the fly using a button on the left handlebar, making it easy to fine-tune performance.

## **KAWASAKI QUICK SHIFTER (KQS)**

Enhancing the Z1100 SE ABS's ride experience is the KQS, a contactless-type system that allows clutchless upshifts and downshifts for smooth, uninterrupted acceleration and effortless deceleration. During upshifts, KQS detects shift lever input and briefly retards ignition timing, enabling fast gear changes without using the clutch. On downshifts, the system automatically adjusts engine speed to match the next gear, allowing riders to downshift smoothly for both spirited rides and everyday convenience.

## **ELECTRONIC CRUISE CONTROL**

Electronic Cruise Control allows riders to maintain a steady speed at the touch of a button, which is ideal for long-distance highway cruising. Operated easily from the left handlebar, the system adjusts engine output via the Electronic Throttle Valves to hold the set speed, even when riding up or down hills. Riders can fine-tune the speed using the "+" and "-" buttons, while intuitive inputs like braking, clutch use, shifting gears, or rolling off the throttle automatically disengage the system. By reducing throttle-hand fatigue, Electronic Cruise Control adds a new level of comfort and convenience to every ride.

## **TFT COLOR INSTRUMENTATION**

A 5-inch all-digital TFT color display that brings a high-tech, premium feel to the cockpit. Utilizing advanced thin-film transistor (TFT) technology, the screen delivers excellent visibility in a variety of lighting conditions. Background color and brightness automatically adjust based on ambient light or can be customized manually to suit rider preferences. Riders can choose between two display modes, including Type 1, which features a bar-style tachometer and streamlined vehicle info, or Type 2, which showcases a hexagonal tachometer with a lean angle indicator or turn-by-turn navigation at the center, adding both function and flair.

Packed with features, the display provides a wealth of information, including digital speedometer, gear position, fuel economy, battery voltage, riding modes, and reminders for service and oil changes. Smartphone connectivity adds another layer of convenience, allowing riders to receive call and message notifications, check battery levels, and use voice commands through Kawasaki's RIDELOGY THE APP MOTORCYCLE\*, all while keeping hands on the bars and eyes on the road. For riders who enjoy data-driven feedback, the Type 2 display also includes real-time acceleration/deceleration, lean angle readouts, and ride logging, enhancing both performance and everyday riding enjoyment.

## SMARTPHONE CONNECTIVITY

The Kawasaki Z1100 SE ABS offers smartphone connectivity through its advanced TFT instrumentation and the dedicated RIDELOGY THE APP MOTORCYCLE\* application, enhancing the riding experience with smart, rider-focused features. Once connected, riders can access a wide range of functions wirelessly, including real-time vehicle information such as fuel level, odometer readings, maintenance reminders, and turn-by-turn navigation that are all viewable directly on their smartphones.

The app also offers in-depth ride logging with GPS route tracking and performance data, plus tuning features that allow riders to adjust general settings or pre-select riding modes and electronic support systems like KQS remotely. Riders can also receive call and email notifications on the instrument panel and use the navigation feature to plan routes, search for destinations, and add waypoints. For added convenience, an available Voice Command function allows riders to operate the app hands-free, keeping focus on the road. With these advanced tools, Kawasaki's smartphone connectivity helps riders stay connected, informed, and in control both on and off the bike.

## CHASSIS

The all-new Kawasaki Z1100 SE ABS boasts a chassis engineered for both performance and rider-friendly control, thanks to its advanced aluminum twin-tube frame. This highly rigid yet lightweight construction features frame beams that run over the engine, allowing for a narrow chassis between the rider's knees and enabling a firm, planted feel with nimble, precise turning. With the engine used as a stressed member and four engine mounts – three rigid and one rubber at the upper rear crankcase – the frame delivers both sharp handling and direct rider feedback from the powerplant.

Mass centralization was a top priority in the chassis design, evident in the strategic placement of components like the large exhaust pre-chamber and the horizontal back-link rear suspension. This rear suspension layout opens space beneath the engine, concentrating mass lower in the chassis for enhanced stability and responsive handling. The downdraft throttle bodies and lightweight, three-piece aluminum rear frame further contribute to a compact, centralized mass profile.

Every detail of the Z1100 SE ABS chassis is a study in performance-oriented design. The five-piece cast aluminum frame – including diecast left and right main components with open C-shaped cross sections – ensures smooth surface finish and high rigidity. The steering stem seal reduces friction for smooth, responsive handling at lower speeds, while the sculpted rear frame narrows seat width for easier ground reach. The result is a chassis that blends Kawasaki's performance DNA with refined rideability and confidence-inspiring feedback.

## SUSPENSION

Kawasaki's Z1100 SE ABS delivers sharp, responsive handling in large part thanks to its advanced suspension components, led by the Showa Separate Function Fork – Big Piston (SFF-BP) up front. This innovative design combines the best of Showa's SFF and BPF technologies to provide an ideal balance of comfort and performance for street riding. Featuring springs on both sides, the fork separates preload adjustment (left tube) from damping duties (right tube), offering precision tuning with ease. The result is a front end that's composed under braking and highly controlled during corner entries.

The SFF-BP's large-diameter damping piston enables reduced internal pressure while maintaining effective damping force, allowing smoother movement—especially noticeable in the early stages of fork compression. This contributes to excellent stability as the chassis settles under braking and weight transfers forward. With all adjusters conveniently located on the top caps, riders can fine-tune preload, compression, and rebound with minimal effort. The fork's ability to handle heavier loads makes it well suited for spirited riding and contributes significantly to the Z1100 SE ABS's direct and confident handling character.

Complementing the front suspension is Kawasaki's horizontal back-link rear suspension system that is positioned above the swingarm to centralize mass and protect from exhaust heat. Exclusive to the SE model is a high-performance Öhlins S46 rear shock, featuring an aluminum body with single-tube construction, large 46mm piston, and internal oil and gas chambers separated by a floating piston, resulting in superior grip and handling. The rear suspension is fitted with a remote preload adjuster that makes it easy to adjust settings without tools to suit two-up riding or traveling with luggage. Together, the Z1100 SE ABS's suspension components offer refined ride quality, dynamic performance, and unmistakable street presence.

## BRAKES & WHEELS

Braking performance on the Kawasaki Z1100 SE ABS is nothing short of exceptional, thanks to a high-performance setup designed for both street confidence and sporty riding. Up front, Brembo M4.32 brake calipers feature 32mm upper and lower pistons and grip dual 310mm Brembo discs, delivering a powerful initial response and precise brake feel. Steel braided brake lines contribute to the enhanced brake package found on the SE model. At the rear, a single-piston, pin-slide caliper grips a 260mm disc, complementing the front setup with strong, balanced stopping power.

Contributing to the sharp handling and sporty presence are lightweight, supersport-style 6-spoke wheels wrapped in high-performance Dunlop Sportmax Q5A tires. These tires feature an aggressive tread pattern optimized for sport riding, offering excellent grip in both dry and wet conditions, along with consistent performance as they wear. The tire sizes – 120/70ZR17 up front and 190/50ZR17 at the rear – strike a balance between stability and agile cornering. Additional design touches, such as round brake discs and a clear front brake reservoir tank, enhance the bike's modern aesthetic and premium cockpit feel. Conventional rear axle adjusters simplify maintenance, making the Z1100 SE ABS as practical as its performance focused.

## ERGONOMICS

The Kawasaki Z1100 SE ABS combines aggressive ergonomics with thoughtful rider-focused refinements to deliver a confident, connected riding experience. Designed to match the bike's



responsive throttle and sharp handling, the riding position features a wide, forward-mounted aluminum fat bar. This not only sharpens handling at all speeds but also enhances rider input responsiveness, giving the Z1100 SE ABS a more flickable, agile feel that suits a broad range of riders. The rigid-mounted handlebar setup contributes to the bike's precise, sporty character, while the wide-set grips offer an active, commanding control position.

Every touchpoint on the Z1100 SE ABS has been refined for comfort and control. The sculpted fuel tank offers an ideal ergonomic fit, making it easy for riders to feel at one with the machine. Seamless transitions between the tank, seat, frame covers, and tail cowl create a smooth, cohesive rider interface. Supersport-style footpegs provide excellent grip and direct feedback, while the compact pillion seat – styled to resemble a seat cowl – adds to the bike's sharp aesthetic. Additional functional touches like tandem footpeg stays with built-in luggage hooks and updated switchgear for the bike's advanced electronics make the Z1100 SE ABS practical and performance-ready. A handlebar-mounted USB-C outlet adds the convenience of being able to charge electronic devices, such as a smartphone.

## STYLING

The Kawasaki Z1100 SE ABS exudes raw presence and unmistakable attitude, thanks to its bold evolution of *sugomi* styling – a design philosophy that captures the essence of a predator ready to strike. Every line and surface radiates intensity, from the aggressively sculpted bodywork and engine covers to the sharp, compact front end. The concentrated mass toward the front and the flick-like tail cowl create a visual tension that enhances the sense of motion, even at a standstill. This condensed, dynamic form gives the Z1100 SE ABS a silhouette that commands attention and sets it apart as Kawasaki's flagship Supernaked model.

At the front, a slim LED headlamp reinforces the bike's fierce expression, designed to resemble a predator locking eyes with its prey. Its dark, reflector-less construction adds to the intimidating aesthetic, while extended side fender parts improve protection for the fork tubes. Positioned low, the headlamp cowl continues the line from the top of the fuel tank, emphasizing the bike's aggressive stance. All four LED headlight bulbs (two low-beam center, two high-beam outer) illuminate together when the high beams are active, while a separate LED position lamp adds a touch of modern sophistication.

The cockpit and rider interface were designed not just for function but for style. The meter cover integrates with the large 5-inch TFT display and adopts a low, wide square shape that enhances visibility while preserving the bike's sleek appearance even from a tucked riding position. Futuristic shrouds wrap around the engine for a tighter, aggressive feel, while the under-cowl features fin-like elements that tie into the bike's aero-conscious, function-first design. A single-side exhaust blends seamlessly with the lower bodywork, enhancing the cohesive, powerful look.

Finishing touches highlight the premium quality and attention to detail on the Z1100 SE ABS. The aluminum fat handlebar features a brushed finish and black alumite coating for a rugged yet refined feel. The LED taillight and LED license plate lamp provide both style and visibility, while the "Z"-pattern front seat and pillion pad seamlessly merge into a compact, sporty tail section. From every angle, the Z1100 SE ABS embodies performance, precision, and unmistakable Kawasaki DNA.

## KAWASAKI GENUINE ACCESSORIES

A range of Kawasaki Genuine Accessories is available for the Z1100 SE ABS, allowing riders to personalize their machine with both style and function. Options include front axle sliders, frame sliders, engine cover rings, heated grips, scratch-resistant film, wheel rim tape, tank and knee pads, and a smoked meter cover. A sleek pillion seat cover adds a sophisticated touch with its grained black finish and pointed rear design, enhancing the bike's sporty silhouette.

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## 2026 Model Variations

### Kawasaki Z1100 SE ABS

**Color:** Metallic Matte Graphenesteel  
Gray/Metallic Matte Carbon Gray

**MSRP:** \$14,999

**Availability:** Now

To download high-resolution images, log on or register for the Kawasaki media site at <http://kawasakimedia.com>.

## ABOUT KAWASAKI

Kawasaki started full-scale production of motorcycles over a half century ago. The first Kawasaki motorcycle engine was designed based on technical know-how garnered from the development and production of aircraft engines, and Kawasaki's entry into the motorcycle industry was driven by the company's constant effort to develop new technologies. Numerous new Kawasaki models introduced over the years have helped shape the market, and in the process have created enduring legends based on their unique engineering, power, design and riding pleasure. In the future, Kawasaki Motors, Ltd. is committed to maintaining and furthering these strengths which will surely give birth to new legends.

Kawasaki Motors Corp., U.S.A. markets and distributes Kawasaki motorcycles, ATVs, side x sides, and JET SKI® watercraft through a network of approximately 1,100 independent retailers, with close to an additional 7,700 retailers specializing in general purpose engines. Kawasaki and its affiliates employ nearly 3,100 people in the United States, with approximately 260 of them located at Kawasaki's Foothill Ranch, California headquarters.

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