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2027 KAWASAKI NINJA® 650 ABS

For 2027, the Kawasaki Ninja 650 ABS builds on its approachable middleweight sportbike character with upgraded suspension and brakes, a new instrument display layout and expanded smartphone connectivity. A new Showa 37mm SFF-BP inverted front fork and radial-mount four-piston front brake calipers enhance road-holding performance and control, while carefully selected settings preserve the light, natural handling that defines the Ninja 650 ABS.

Powered by a responsive 649cc parallel-twin engine tuned for strong low- to mid-range performance, the Ninja 650 ABS combines a lightweight trellis frame, sharp Ninja styling and a relatively upright riding position. A low 30.9-inch seat height offers a reassuring reach to the ground, while the newly available accessory Kawasaki Quick Shifter (KQS) adds smooth, clutchless upshifts during acceleration. Together, the updates further develop the Ninja 650 ABS' Fun-Style-Easy concept for everyday riding and backroads.



2027 NINJA 650 ABS HIGHLIGHTS

- **NEW** Showa 37mm SFF-BP inverted front fork
- **NEW** radial-mount four-piston front brake calipers and round 300mm front discs
- **UPDATED** rear suspension settings and ABS calibration
- **NEW** low 30.9-inch seat height
- **UPDATED** 4.3-inch TFT color instrument panel with two display layouts
- **UPDATED** smartphone connectivity with navigation and voice command functions*
- **NEW** accessory Kawasaki Quick Shifter for clutchless upshifts

ENGINE AND CHASSIS

The 649cc liquid-cooled, DOHC, eight-valve parallel-twin engine delivers smooth, strong acceleration with an emphasis on low- to mid-range torque. Its natural throttle response supports everyday riding and offers control in situations that call for precise throttle input. Fuel injection and a six-speed transmission complement the engine's versatile performance.

A lightweight, compact trellis frame contributes to nimble handling, whether maneuvering through city streets, riding backroads or moving the motorcycle by hand. The slim chassis and 30.9-inch seat height help riders reach the ground, while separate handlebars create a relatively upright riding position that balances comfort and control. Kawasaki TRaction Control (KTRC) offers two rider-selectable modes with progressively greater intervention to suit riding conditions and rider preference.

SUSPENSION

The new Showa 37mm SFF-BP inverted front fork combines Separate Function Fork and Big Piston Fork technology to balance sport riding performance with everyday usability. Its inverted design increases front-end rigidity, contributing to improved road-holding performance and a more planted front-end feel. Suspension settings were selected to retain the Ninja 650 ABS' light, neutral handling character.

A large-diameter damping piston helps the fork move smoothly at the beginning of its stroke, improving composure as weight transfers forward under braking and contributing to chassis stability on corner entry. At the rear, the horizontal back-link suspension receives revised spring and damping settings to complement the new front fork. A reduced spring rate and optimized initial preload improve suspension action while maintaining the intended chassis attitude.

BRAKES AND FRONT FENDER

New radial-mount four-piston front brake calipers replace the previous axial-mount two-piston units, increasing rigidity around the front brake area and improving response to lever input. The lightweight caliper design helps preserve the motorcycle's light handling, while a revised front brake lever and specially selected brake pads deliver a firmer feel and linear, controllable stopping power.

Dual front brake discs retain their 300mm diameter and adopt a round design in place of the previous petal-type discs. Revised ABS settings provide smoother intervention for improved braking control. A newly designed, wider front fender more fully covers the fork outer tubes, offering additional protection and complementing the sportier front-end components. Black fork top caps complete the updated appearance.

TFT COLOR INSTRUMENT PANEL

The 4.3-inch TFT color instrument panel features a new layout with two selectable display types. Type 1 places a bar-style tachometer across the top of the screen with vehicle information below, while Type 2 uses a hexagonal tachometer. Riders can select a black or white background, and screen brightness adjusts automatically to ambient light with three selectable brightness levels.

Displayed information includes speed, engine rpm, gear position, a shift lamp, fuel level, odometer, dual trip meters, fuel consumption, remaining range, average speed, total time, coolant temperature, clock and battery voltage. The display also includes a KQS indicator, service and oil-change reminders, and smartphone call and message notifications.

SMARTPHONE CONNECTIVITY

RIDEOLOGY THE APP MOTORCYCLE* allows riders to connect wirelessly to the Ninja 650 ABS to view vehicle information, record GPS routes and riding data, receive call and message notifications on the instrument panel, and adjust select instrument settings from a smartphone. Newly added navigation functions allow riders to view route information on their smartphone, search destinations, add waypoints and change route order. Voice command functionality allows hands-free control of the app.

ACCESSORY KAWASAKI QUICK SHIFTER

Available for the first time on the Ninja 650 ABS, accessory KQS enables clutchless upshifts during acceleration. The system detects movement of the shift lever and signals the engine control unit to momentarily cut ignition, allowing the next gear to engage without clutch operation. KQS does not operate below 2,500 rpm.

COLORS AND MSRP

The 2027 Ninja 650 ABS is available in Lime Green, Galaxy Silver, Metallic Matte Twilight Blue/Candy Persimmon Red, and Metallic Flat Spark Black/Metallic Carbon Gray, with an MSRP of \$8,099 for standard colors and \$8,299 for special color and graphics.

Availability: Late October

*Navigation and voice command functions require a valid license. Feature availability varies by market. Refer to the owner's manual and RIDELOGY THE APP MOTORCYCLE App Info for detailed function information.

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