

2016 Ninja ZX-14R ABS

Ninja ZX-14R - The Ultra Performance Motorcycle

The Ninja ZX-14R's ultra-powerful 1441cm³ inline four-cylinder engine puts it in a class all its own. Add in our most advanced electronics system, including traction control, ABS and power mode selection and with an innovative monocoque frame, and stunning bodywork, and the ZX-14R is a phenomenon that you must experience to believe.



Engine	
Type	Liquid-cooled, 4-stroke In-Line Four
Displacement	1,441 cm ³
Bore and Stroke	84 x 65 mm
Compression ratio	12.3:1
Valve system	DOHC, 16 valves
Fuel system	Fuel injection: ø44 mm x 4 (Mikuni)
Ignition	Digital
Starting	Electric
Lubrication	Forced lubrication, wet sump with oil cooler
Transmission	6-speed, return
Final drive	Sealed Chain
Primary reduction ratio	1.556 (84/54)
Gear ratios	
1st	2.611 (47/18)
2nd	1.947 (37/19)
3rd	1.545 (34/22)
4th	1.333 (32/24)
5th	1.154 (30/26)
6th	1.036 (29/28)
Final reduction ratio	2.471 (42/17)
Clutch	Wet multi-disc, manual
Frame Type	Monocoque, aluminium
Colours	
Metallic Carbon Grey with Galaxy Silver	

Wheel travel	
front	117 mm
rear	124 mm
Tyre	
front	120/70ZR17M/C (58W)
rear	190/50ZR17M/C (73W)
Caster (rake)	23°
Trail	93 mm
Steering angle (left/right)	31° / 31°
Suspension	
Front:	ø43 mm inverted fork with compression and rebound damping and spring preload adjustability, and top-out springs
Rear: Standard	Bottom-Link Uni-Trak with gas-charged shock, and compression and rebound damping and spring preload adjustability
Brakes	
Front:	Dual semi-floating 310 mm petal discs
Caliper	Dual radial-mount, opposed 4-piston, 4-pad
Type	Single 250 mm petal disc
Caliper	Opposed, twin-piston
Overall length	2,170 mm
Overall width	770 mm
Overall height	1,170 mm
Wheelbase	1,480 mm
Ground clearance	125 mm
Seat height	800 mm
Curb mass	269 kg Includes full fuel tank
Fuel capacity	22 litres
Maximum power	147 kW {200 PS} / 10,000 rpm
Maximum power with Ram Air	155 kW {211 PS} / 10,000 rpm
Maximum torque	158 N·m {16.1 kgf·m} / 7,500 rpm

Kawasaki Technology - Click on the Icon to view more information



Ultra Powerful Production Motorcycle

The Ninja ZX-14R's ultra-powerful 1441cc inline four-cylinder engine puts it in a class all its own. Add in our most advanced electronics systems, an innovative monocoque frame, and stunning bodywork, and the ZX-14R is a phenomenon that you must experience to believe.

The step up in performance over its rivals is readily apparent, with more available torque across the rev range and substantially higher upper-end power.

Twisting the throttle past 4,000 rpm may result in a sensation not entirely unlike that experienced by astronauts breaking free from the Earth's gravitational pull.

The Kawasaki Ninja ZX-14R reinforced the title of "the world's most powerful production motorcycle" by setting a new Australian Land Speed record (Production Class) at Lake Gairdner, SA during DLRA Speed Week 2013.

With only gearing/tire changes and the speed limiter removed, the Kawasaki Australia supplied Ninja ZX-14R set a phenomenal top speed of 208.153 miles per hour (334.99 km/h). The achieved speed set a new Australian

Production Frame-Production Engine (P-P) 1,650cc class record which is also the fastest speed any Production P-P bike has travelled to date.



Ram Air Induction

A central Ram Air duct feeds cool, high-pressure air from the front of the fairing in a direct path through the air cleaner and into the engine for maximum power output - as speed increases, so does the air pressure, effectively force-feeding the engine.



Aerodynamics

Sculpted by the wind, the Ninja ZX-14R's bodywork offers high aerodynamic performance that reduces drag, and contributes to stability and wind protection at highway speeds.



Sport Suspension

When compared to the previous model, stiffer springs for both the front fork and rear suspension deliver a firmer, sportier feel. Dark grey fork caps and black suspension adjusters on the Ninja ZX-14R ABS.



LED Tail light

More aggressive, larger-volume tail maintains the LED taillight and integrated rear turn signals of the predecessor.



Lightweight Wheels

The lightweight wheels offer significant weight savings over those of the predecessor. The front wheel is 360g lighter and the rear wheel saves 1030g, for a total reduction of 1.39 kg compared to its predecessor.



Dominant Performance

4 mm longer stroke increases displacement of the powerful In-Line Four engine to 1,441 cm³. Bore and Stroke are now 84 x 65 mm.



Back-torque Limiter Clutch

Easily adjustable back-torque limiting clutch facilitates smooth downshifts and helps prevent rear wheel hop, which becomes more likely with the increased back-torque.



Stronger, Longer Swingarm

Gusseting on the swingarm increases rigidity to match the greater output. Swingarm is 10 mm longer to suit the new final gear ratio. (This also contributes to the slightly longer wheelbase).



Stronger, Shorter-geared Transmission

While the increased engine performance already delivers significantly increased torque, shorter gearing care of a larger rear sprocket (41T >> 42T) further accentuates the stronger acceleration.



Attention to Detail

Sculpted design of the upper triple clamp complements the high-quality image of the cockpit area.



Fuel tank details

Machined finish on the fuel tank cap contributes to the high-quality image. High-quality sculpted rubber tank pad protector, provided standard, protects the finish of the fuel tank.



Seat

The gunfighter-style seat contributes to both design impact and ergonomics. Its sculpted shape provides hip support during strong acceleration. Slimmer at the front, it also facilitates the reach to the ground when stopped at lights.



Carrying Convenience

The Ninja ZX-14R features retractable luggage hooks that tuck in neatly at the rear of the front seat. These are complemented by two hooks on the passenger tail grip. Idealised hook placement (not too close together) enables large-sized items to be securely attached to the rear seat.



Multi-function Instrumentation

Features on the multi-function display include analogue-style speedometer, external air temperature, fuel gauge, gear position indicator, odometer, clock & trip meters. Numerous modes including current and average fuel consumption, range, battery voltage are controlled using a multi-function button located at the left handle. 2016 has two colour choices for the LCD screen black or white background. Stainless steel rims on the meters highlight the high quality.



Headlamp

More aggressive design for the characteristic quadruple projector beam headlights contributes to the increased impact of the front cowling.

ADVANCED ELECTRONIC RIDING AIDS

While the Ninja ZX-14R's mighty engine performance was intended to be experienced unfiltered, riders may elect to take advantage of the some of the advanced electronic riding aids provided to suit riding conditions or preference.

Standard Equipment on the Ninja ZX-14R:

- ABS
- Economical Ride Indicator
- KTRC (3 mode) - Kawasaki TRaction Control
- Power Modes





3-Mode KTRC (Kawasaki TRaction Control)

Three modes cover a range of riding conditions, offering either enhanced sport riding performance or the peace of mind to negotiate slippery surfaces with confidence.

Riders can choose from three modes. Modes 1 and 2 prioritise maximum forward acceleration (like the S-KTRC system on the 2011 Ninja ZX-10R). Mode 3 is set-up to provide rider reassurance by facilitating smooth riding on slippery surfaces. Riders may also elect to turn the system off.

Power Mode Selection

A choice of Full Power or Low Power modes allows riders to set power delivery to suit preference and conditions. Low Power mode limits output to approximately 75% of Full Power and uses a milder throttle response. (Reduction of both power and throttle response varies according to engine speed (rpm), throttle position and gear position.)

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Colours



Metallic Carbon Grey/Galaxy Silver
Blue