



Media Information
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BMW S 1000 RR headed for Canada.

Élite BMW supersport motorcycle to debut in late 2009.

Whitby. BMW Canada is pleased to announce that the BMW S 1000 RR supersport motorcycle will arrive in Canada in the fourth quarter of 2009.

In development since 2007 and currently competing in the 2009 World Superbike Championship in full racing trim, the world debut of the BMW S 1000 RR will establish a true milestone in the supersport motorcycle category.

Combining an all-new high-performance engine with lightweight construction, sophisticated chassis dynamics and race-engineered brake and suspension components, the BMW S 1000 RR will set a new benchmark for ultra-high performance motorcycles - on both the racetrack and the road.

The 999cc water-cooled, DOHC, sixteen valve four-cylinder inline power unit is brand-new from the ground up, bred for racing, developing a maximum output of 193 hp at 13,000 rpm (rev-limited to 14,200 rpm) and maximum torque of 82.5 lb-ft at 9,750 rpm.

With overall weight of just 204 kg including fuel (183 kg dry weight, 206.5 kg with Race ABS) the S 1000 RR will also take its place as the lightest motorcycle equipped with ABS in the supersports category.

The combination sets a new standard in its class with a power-to-weight ratio of just 1.05 kg and, respectively, 1.06 kg (2.31 and, respectively, 2.34 lb) per horsepower without/with Race ABS.

The new BMW S 1000 RR has been designed not only to compete in the World Superbike Championship, but to take its place among the élite of supersports motorcycles.

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“We are eagerly following the solid progress of the BMW Motorrad Motorsports team at the World Superbike Championships and excited to be introducing the S 1000 RR in Canada later this year”, stated Norm Wells, Director of BMW Motorrad Canada. “We are looking forward to having an ultra-competitive product in the supersport category and can already sense the anticipation of motorcycle enthusiasts for the arrival of the the S 1000 RR in this market.”

The specifications of the BMW S 1000 R are a testimony to state-of-the-art racing technology on all fronts – performance, handling dynamics, safety and ergonomics – not to mention the visceral packaging in the sleek S 1000 RR bodywork.

S 1000 R Technical Highlights

Engine

- Cylinder axis tilted 32° forward to optimize centre of gravity and weight distribution
- stroke/bore ratio of 0.621
- Aluminum crankcase and cylinders with nikasil-coated liners
- Wet-sump lubrication using Eaton oil pump and oil cooler
- Titanium valves
- Forged, heat-treated steel 180° crankshaft
- Extra-light (334 gm) forged, heat-treated steel “crack-split” connecting rods
- Fully sequential, cylinder-specific fuel injection with integrated anti-knock control, ultra-fast processing and self-diagnosis
- Variable intake manifold length

Exhaust

- 4-into-2-into-1 system with pre-silencer, two electronically controlled interference-type butterfly flaps and rear silencer
- Two fully controlled, high-density, metal based three-way catalytic converters fitted in the pre-silencers

Transmission

- Six-speed with straight-toothed primary gears in compact case
- Multi-disc “slipper” wet clutch
- 525 O-ring roller chain
- Optional electronically controlled Shift Assistant for seamless and rapid clutchless upshifts



Frame/Suspension

- Light weight aluminum bridge frame - weighing just 11.98 kg - integrating the engine as a load-bearing element for optimum torsional stiffness and minimum weight. Aluminum fuel tank.
- Front upside-down fork with 46 mm fixed tube - with a wide range of adjustment of both the spring base as well as damper rebound and inbound control.
- ,Long (593mm) aluminum rear swing arm and central spring strut with adjustable spring base and adjustable damper inbound and rebound control.
- Ten-spoke pressure-cast aluminum wheels with 120/70 ZR 17 front and 190/55 ZR 17 rear tires

Dynamic Chassis Systems

- Four mode engine management system with Rain, Sport, Race (supersport street tires) and Slick (racing tires) settings
- Optional Race ABS with Dynamic Traction Control (DTC) and rear-wheel lift-off detector
- Four mode system fully-integrated with Race ABS and DTC when so-equipped

Brake System

- Floating double 320 mm front discs with two four-piston Brembo fixed calipers with 34 mm pistons and sintered metal pads.
- Single 220 mm rear disc with single floating caliper rear brake and sintered metal pads

Controls/Instruments

- Multi-functional instrument cluster with racing features such as a laptimer and optimum shift speed indicator
- Riding modes selectable via handlebar controls
- New generation light/indicator switch cluster positioned on left handlebar
- Quickly detachable front indicator, licence plate support and rear indicators, for easy conversion to racing use.
- LED rear light cluster with clear lens
- Optional LED directional indicators

The new BMW S 1000 RR will be available in three dramatic standard color combinations:

- Mineral Silver Metallic with swing arms and wheels in Ostra Grey.



- Thunder Grey Metallic with swing arms and wheels in Ostra Grey.
- Acid Green Metallic with swing arms in Eloxy Silver and wheels in glossy Black.

Available as an extra-cost option, the S 1000 R will also be available in the BMW Motorrad Motorsport Team colour scheme as on the Superbike Works racing bikes with paintwork in Alpine White Non-Metallic, Magma Red Non-Metallic, and Lupin Blue Metallic, with swing arms also finished in Eloxy Silver and wheels in high-gloss Black.

While Troy Corser and Ruben Zaus and the BMW Motorrad Motorsport racing team continue their assault on the 2009 World Superbike Championship, the S 1000 RR is now poised to take its place in BMW showrooms, offering an exciting new benchmark in supersport motorcycles.

The BMW S 1000 RR will be introduced to the Canadian market in the 4th quarter of 2009 and promises to be priced very competitively in the supersport motorcycle category .

BMW Group Canada, based in Whitby, Ontario, is a wholly-owned subsidiary of BMW AG and is responsible for the distribution of BMW luxury performance automobiles, Sports Activity Vehicles, Motorcycles, and MINI. BMW Group Financial Services Canada is a division of BMW Group Canada and offers retail financing and leasing programs on new and pre-owned BMW and MINI automobiles, as well as retail financing for new and pre-owned BMW Motorcycles. A total network of 40 BMW automobile retail centres, 19 BMW motorcycle retailers, and 25 MINI retailers represents the BMW Group across the country.

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