

BMW

U.S. Press Information

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The new 2025 BMW F 900 R and F 900 XR.

- **Updated middle-range BMW 2-cylinder, inline-twin models.**
- **Lighter weight (-6.6 lbs) and added standard equipment.**
- **Market launch expected in Q1 2025.**
- **Pricing will be announced closer to market launch date.**

Woodcliff Lake, NJ – Nov. 21, 2024....BMW Motorrad USA proudly presents the updated 2025 F 900 R and F 900 XR. The new BMW F 900 R and F 900 XR benefit from technical and visual upgrades as well as from significantly extended standard equipment.

With the new BMW F 900 R dynamic roadster and the new F 900 XR crossover bike, BMW Motorrad takes its popular mid-range product range to a new level. Both F-models are designed for sportiness and fun with even more agile handling and are suitable for experienced riders as well as newcomers and those returning to motorcycling. While the new F 900 R focuses on sporty riding, the F 900 XR has everything it takes to be a confident partner on both windy roads and on longer tours with luggage.

"With a significantly extended range of standard equipment, fully adjustable upside-down forks, lighter wheels and a weight saving of 6.6 lbs., we have been able to make the BMW F 900 R and F 900 XR even more attractive. The new F 900 R also benefits from a sportier riding position and the F 900 XR from optimized aerodynamics."

Anton Huber, Project Manager

1. Overview

2025 BMW F 900 R.

- Complies with Euro 5+ emission standards.
- New sportier ergonomics with optimized handlebar and footrest positions.
- New upside-down forks with adjustable rebound, compression and spring preload.
- New wheels from the S 1000 R, approx. 3.9 lbs. lighter.
- New battery, approx. 1.7 lbs. lighter.
- New standard Dynamic Traction Control DTC and BMW Motorrad ABS Pro.
- New Dynamic riding mode.
- Slim rear end with integrated turn indicator lights.
- New colors.
- New genuine BMW Motorrad accessories such as sports silencer in collaboration with Akrapovič, milled foot controls, axle protectors and lockable soft cases.
- New optional Sport seat (+0.98 inch seat height).

2025 BMW F 900 XR.

- Complies with Euro 5+ emission standards.
- Increased wind and weather protection thanks to optimized wind deflector.
- New standard hand protectors.
- New standard heated grips.
- New upside-down forks with adjustable rebound, compression and spring preload.
- New wheels from the S 1000 R, approx. 3.9 lbs. lighter.
- New battery, approx. 1.7 lbs. lighter.
- New standard Dynamic Traction Control DTC and BMW Motorrad ABS Pro.
- New Dynamic riding mode.
- Standard Headlight Pro (adaptive headlight).
- New standard USB-C charging socket.
- Slim rear end with integrated turn indicator lights.
- New colors.
- New genuine BMW Motorrad accessories such as sports silencer in collaboration with Akrapovič, milled foot controls, axle protectors and lockable cases.
- New optional Sport seat (+0.98 inch seat height).
- New optional high windshield (+1.18 inch height).

2. Engine and Drivetrain

The new F 900 R and F 900 XR are even more dynamic and safer thanks to the new "Dynamic" riding mode and Dynamic Traction Control (DTC), now standard.

Powerful two-cylinder in-line engine with Euro 5+ homologation. New optional Akrapovič Sport rear silencer.

In the new BMW F 900 R and F 900 XR, the tried-and-tested 895 cc two-cylinder in-line engine produces 105 hp and 68.6 lb-ft over a wide torque curve, while meeting current Euro 5+ homologation standards. With a 270/450 degree firing interval, the engine generates a very emotional exhaust note. The new sports silencer, available as a genuine BMW Motorrad Accessory in collaboration with Akrapovič, provides an even more expressive exhaust sound.

Newly tuned Dynamic riding mode and now standard Dynamic Traction Control (DTC) for greater dynamics and safety.

The F 900 R and F 900 XR are offered with two standard riding modes, Rain and Road. The optional Dynamic riding mode has received new settings. It has a throttle response curve that is more direct, making it ideal for sporty riding.

Dynamic Traction Control DTC, which ensures a high level of riding safety, is also a new standard feature on both models. It contributes significantly to the high riding dynamics and exemplary riding safety. DTC provides valuable support and a significant safety advantage, especially in changing riding conditions, on surfaces with less grip and surfaces with changing friction.

The engine control unit detects a spinning rear wheel by comparing the speeds of the front and rear wheels via the ABS sensors with data from the lean angle sensor box. In this case, it reduces drive torque within milliseconds by reducing the ignition timing, intervening in the fuel injection system, and influencing the throttle position.

DTC also uses a sensor cluster to measure the lean angle and takes this into account in its control behavior. DTC works with the different riding modes to ensure maximum riding safety.

DTC provides valuable assistance and an enormous safety advantage when accelerating. However, it cannot redefine the physical limits of riding. It is still possible to exceed these limits through misjudgment or riding errors. However, DTC helps to make the most of the bike's dynamic capabilities in a much safer manner. The DTC can be switched off separately for special requirements, such as riding on the track.

MSR Engine Drag Torque Control now standard.

In addition to the anti-hopping clutch, the new BMW F 900 R and F 900 XR now feature standard MSR Engine Drag Torque Control. This system prevents rear wheel spin or skidding caused by abrupt throttle release or downshifting, for an even higher level of safety.



3. Chassis and Suspension

New upside-down telescopic forks with adjustable rebound, compression and adjustable spring preload. New wheels, approx. 3.97 lbs. lighter.

On both the new BMW F 900 R and the new BMW F 900 XR, the front wheel is guided by new, torsionally rigid, upside-down 43 mm telescopic forks. In contrast to the previous models, the rebound, compression and spring preload are all adjustable. This makes it possible to tailor the forks to suit individual requirements, operating conditions, and load conditions. Suspension travel is 5.3 inches (F 900 R) and 6.7 inches (F 900 XR).

The new F 900 R and F 900 XR also feature new 17-inch cast aluminum wheels from the S 1000 R model, which weigh around 3.9 lbs. less. The reduced rotational mass is reflected in improved acceleration, braking and handling. The wheel dimensions are 3.5 x 17" front and 5.5 x 17" rear with 120/70 ZR 17 and 180/55 ZR 17 tires.

BMW Motorrad ABS Pro and Dynamic Brake Control DBC as standard.

Another new standard feature on the F 900 R and F 900 XR is BMW Motorrad ABS Pro. In contrast to BMW Motorrad ABS, ABS Pro goes one step further and offers more safety when braking in corners by enabling ABS-assisted braking at lean angles. ABS Pro prevents the wheels from locking even when the brakes are applied quickly and reduces abrupt changes in steering force and thus the bike from returning to the upright position, even during sudden braking. The benefits are increased braking and riding stability combined with the best possible deceleration even when cornering.

ABS Pro is designed for road use, with medium to low friction values and optimum braking stability in the Rain and Road riding modes. Regulation takes place at an early stage. In Dynamic mode, ABS Pro assumes that the road surface has very high grip and has a high coefficient of friction. Accordingly, ABS Pro is designed for optimum deceleration, control is late and rear wheel lift detection is reduced.

Another new standard safety feature is Dynamic Brake Control (DBC), which provides greater safety when braking in difficult situations by preventing unintentional acceleration. As soon as the sensor cluster supplies a certain deceleration value during braking, any simultaneous desire to accelerate on the part of the rider is detected as implausible and throttle valve opening is suppressed. This keeps the motorcycle stable and shortens the braking distance.

4. Electronics

F 900 R and F 900 XR with new, 1.7 lb. lighter battery and function-integrated turn indicator lights in the new rear end.

The two new F Series models are equipped with a new battery that is 1.7 lbs. lighter. The new F 900 R and F 900 XR also have a new rear end with function-integrated turn indicator lights. In keeping with the "all in one" concept, the short, lightweight number plate holder and the rear turn indicator and number plate lights form a single unit, while the brake and taillight functions are integrated into the turn indicator lights.

F 900 XR with Headlight Pro including adaptive headlight, USB-C charging port and heated grips now standard.

The new F 900 XR features Headlight Pro with adaptive headlight as standard. Other new standard features include the USB-C charging port on the right-hand side of the cockpit with a maximum charging current of 2.4 A and heated grips.

The adaptive headlight, part of Headlight Pro, offers more safety when riding at night. This adds additional LED modules which allow for better illumination of the road in bends, ensuring a safer night-time ride. The adaptive headlight, which is unique in these two motorcycle classes, works by activating these additional LED elements in the main headlights, which are equipped with their own reflectors, depending on the lean angle. The adaptive headlight turns on when the motorcycle leans by more than 10 degrees and is travelling at a speed of more than 6 mph. The additional lighting effect functions optimally up to a lean angle of approx. 25°.

The F 900 XR has distinctive LED light guides to the left and right of the lower headlamp edge, indicating that it is part of the BMW Motorrad XR family.

5. Ergonomics and Design.

"We have made the riding position on the new F 900 R even more sporty and dynamic with an optimized ergonomic triangle. The new F 900 XR benefits from optimized front fairing aerodynamics, which is reflected in a significant reduction in helmet shake."

Dominik Menzel, Product Manager

BMW F 900 R with optimized ergonomics thanks to a redefined position of the handlebars and footrests for a sportier riding position.

The handlebars, footrests and foot levers of the ergonomic triangle of the new BMW F 900 R have been redesigned. The handlebars are positioned further forwards than on the previous model. A sportier, front-leaning riding position has been achieved by moving the footrests further back and optimizing the foot control positions.

BMW F 900 XR with optimized aerodynamics and hand protectors as standard. Optional high windshield available.

The new F 900 XR offers more touring capability and long-distance comfort thanks to optimized aerodynamics in the front fairing. The redesigned wind deflector reduces wind pressure on the rider, resulting in significantly less helmet buffeting and even greater riding comfort.

The hand protectors, which are standard for all equipment variants, also provides improved protection from the wind and weather. The new F 900 XR can also be fitted with a new, optional 1.18-inch higher windscreen.

F 900 R Colors

Three color styles are available for the 2025 BMW F 900 R.

Standard Snapper Rocks Blue Metallic

- Snapper Rocks Blue Metallic paint.
- Black wheels and seat.
- Avus Black engine.
- Snapper Rocks Blue Metallic fuel tank cover.
- Mineral Gray Metallic Matte radiator cover.

Optional Style Triple Black

- Black Storm Metallic paint.
- Black wheels and seat.
- Avus Black engine.
- Black Storm Metallic fuel tank cover.
- Mineral Gray Metallic Matte radiator cover.

Optional Style Sport

- Racing Blue / Light White paint
- Black seat and Racing Red wheels.
- Racing Blue Metallic engine spoiler
- Avus Black engine.
- Handlebar End Mirrors.



F 900 XR Colors

Three color styles are available for the 2025 BMW F 900 XR.

Standard Racing Red

- Racing Red paint.
- Black wheels and seat.
- Racing Red side panels.
- Avus Black engine.
- Mineral Gray Metallic Matte radiator cover.

Optional Style Triple Black

- Black Storm Metallic paint.
- Black wheels and seat.
- Avus Black engine.
- Black Storm Metallic side panels.
- Mineral Gray Metallic Matte radiator cover.

Optional Style Sport

- Racing Blue / Light White paint
- Black seat and Racing Red wheels.
- Racing Blue Metallic engine spoiler
- Avus Black engine.



6. Standard and Optional Equipment

Like all 2025 model year BMW motorcycle models, the new F 900 R and F 900 XR include the **Ultimate Care Break-In Service**, or "600 Mile Service" as standard. This included service further provides BMW customers with a truly premium experience. Time and mileage limits apply - maximum 6 months from the in-service date or maximum 750 miles - whichever comes first.

F 900 R Standard Equipment

895 cc, 105 hp Inline 2-Cylinder Engine, Chain drive, Electronic throttle, 6 speed helical gearbox, Anti-hopping clutch, Cast aluminum wheels, Twin disc front brakes with radial brake calipers, Upside down 43mm fork, Steering stabilizer, Rear rebound adjustable, BMW Motorrad ABS, Electronic immobilizer, LED headlight, tail light and turn signals, 12v socket, Multi-controller, Colored TFT screen, One Key for all locks, On-board computer, Adjustable clutch and brake levers, Riding Modes, Ultimate Care Break-In Service.

F 900 R Optional Packages and equipment.

F 900 R Premium Package

- Headlight Pro.
- Gearshift Assist Pro.
- Ride Modes Pro.
- Cruise Control.
- Keyless Ride.
- Heated Grips.

F 900 R Stand Alone Options

- Dynamic ESA.
- Intelligent Emergency Call.
- Tire Pressure Monitor.
- Low Suspension and low seat 29.9 inch seat height.
- Low seat 31.1 inch seat height.
- Sport Seat 33.9 inch seat height.
- Center Stand.
- Sports Silencer (-2.6 lbs.).
- Milled footrests and foot controls.

F 900 XR Standard Equipment

895 cc, 105 hp Inline 2-Cylinder Engine, Chain drive, Electronic throttle, 6 speed helical gearbox, Anti-hopping clutch, Cast aluminum wheels, Twin disc front brakes with radial brake calipers, Upside down 43 mm fork, Steering stabilizer, Rear rebound adjustable, BMW Motorrad ABS, Electronic immobilizer, LED headlight, tail light and turn signals, 12v socket USB-C socket, Multi-controller, Colored TFT screen, One Key for all locks, On-board computer, Adjustable clutch and brake levers, Riding Modes, Ultimate Care Break-In Service.

F 900 XR Optional Packages and equipment.

F 900 XR Premium Package

- Gear Shift Assist Pro.
- Ride Modes Pro.
- Cruise Control.
- Keyless Ride.
- GPS Prep.
- High Windshield.
- Saddlebag Mounts.

F 900 XR Stand Alone Options.

- Dynamic ESA.
- Intelligent Emergency Call.
- Low suspension and low seat 30.5 inch seat height.
- Low seat 31.3 inch seat height.
- High seat 34.3 inch seat height.
- Sports Silencer (-2.6 lbs.).
- Lockable side cases.
- Milled footrests and foot controls.

7. Technical Data

F 900 R		F 900 XR
Engine		
Capacity	cc	895
Bore/stroke	mm	86.0 x 77.0
Output	hp	105 @ 8,500 rpm
Torque	ft-lbs.	68.6 @ 6,500 rpm
Type		Water-cooled 2-cylinder inline engine with 4 valves per cylinder, two overhead camshafts and dry sump lubrication.
Compression		13.1/1
Fuel		Premium unleaded 95 RON
Valves per cylinder		4
Ø intake/outlet	mm	33.5 / 27.3
Ø throttle valve	mm	48
Engine control		BMS-ME
Emission control		Closed-loop three-way catalytic converter, EU-5+
Electrical system		
Generator	W	420
Battery	V/Ah	12/9
Headlight		LED Headlight Pro
Rear light		Function-integrated LED brake/rear lights
Starter	W	900
Power transmission		
Clutch		Wet, multi-disk clutch with anti-hopping function, mechanically activated
Gearbox		Constant mesh 6-speed integrated in engine housing
Transmission ratios	I	2.833
II		2.067
III		1.600
IV		1.308
V		1.103
VI		0.968
Secondary drive		Endless O-ring chain with rear hub vibration dampening
Primary ratio		1.184
Secondary ratio		2.588
Chassis		
Frame construction type		Bridge-type steel frame with load-bearing engine

Front wheel suspension		43 mm front forks, adjustable for compression and rebound and spring pre-load.	
Rear wheel suspension		Aluminum double-sided swing arm, rear shock adjustable for rebound and spring pre-load. Optional dynamic ESA	
Spring travel, front/rear	inches	5.3 / 5.6	6.7 / 6.8
Wheel castor	inches	4.5	4.1
Wheelbase	inches	59.6	60.4
Steering head angle	degrees	26.0	
Brakes	front	Twin disc brake, floating brake discs, Ø 320 mm, 4-piston radial calipers	
rear		Single disc brake, Ø 265 mm, 1-piston floating caliper	
ABS		BMW Motorrad ABS Pro (lean angle optimized)	
Wheels		Cast aluminum wheels	
front	inches	3.50 x 17"	
rear		5.50 x 17"	
Tires	front	120/70 ZR 17	
rear		180/55 ZR 17	
Dimensions and weights			
Total length	inches	84.3	85.0
Total width incl. hand protect.	inches	34.3	36.2
Seat height	inches	32.9	33.3
DIN unladen weight, road ready	lbs.	459	476
Permitted total weight	lbs.	958	965.8
Fuel tank capacity	gallons	3.4	4.1
Performance figures			
Acceleration 0-62 mph	seconds	3.7	3.6
Top speed	mph	>124	

BMW Group in America

BMW of North America, LLC has been present in the United States since 1975. Rolls-Royce Motor Cars NA, LLC began distributing vehicles in 2003. The BMW Group in the United States has grown to include marketing, sales, and financial service organizations for the BMW brand of motor vehicles, including motorcycles, the MINI brand, and Rolls-Royce Motor Cars; Designworks, a strategic design consultancy based in California; a technology office in Silicon Valley and various other operations throughout the country. BMW Manufacturing Co., LLC in South Carolina is the BMW Group global center of competence for BMW X models and assembles the X3, X4, X5, X6 and X7 Sports Activity Vehicles as well as the BMW XM. The BMW Group sales organization is represented in the U.S. through networks of 349 BMW passenger car and BMW Sports Activity Vehicle centers, 145 BMW motorcycle retailers, 104 MINI passenger car dealers, and 38 Rolls-Royce Motor Car dealers. BMW (US) Holding Corp., the BMW Group's sales headquarters for North America, is located in Woodcliff Lake, New Jersey.

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