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Bmw f900xr 2025

This is the year for the BMW F 900 XR to get updated to Euro 5+ emission standards. While we have our own EPA standards, we're still along for the ride. BMW used the occasion as an opportunity to refresh the adventure-style sport-tourer. With that in mind, let's see what's new about the 2025 BMW F 900 XR. In addition to returning the DOHC parallel twin to meet the requirements of European bureaucrats, BMW added a little something for riders. The 2025 BMW F 900 XR has changed the programming on the Dynamic mode for a more aggressive throttle response, while also making Dynamic mode standard. BMW's cornering-aware traction control is standard on the new F 900 XR. To prevent the tires from skidding on deceleration, electronically controlled engine compression braking works with the clutch's slipper function. Cornering-aware ABS returns. The new inverted fork is fully adjustable. That includes damping in both directions, along with spring preload. New wheels save about four pounds. The five-spoke wheels are cast aluminum. The 2025 BMW F 900 XR's new battery is almost two pounds lighter than the previous unit. Also, a USB-C charging port is standard and placed on the right side of the fairing. Touring riders will be happy to hear the fairing is getting some assistance. A new windshield is claimed to increase rider comfort at speed by reducing buffeting. The height of the windscreen is adjustable by hand. Handguards and heated grips are now standard. These are features that touring riders will appreciate. The 2025 BMW F 900 XR gets an adaptive headlight. This will benefit riders who venture out after dark. The rear of the XR has been narrowed. The LED turn singles are better integrated. There are significant options available from BMW. You can get an Akrapovič muffler (2.6 pounds lighter), a 1.2-inch taller windshield, a one-inch higher seat, milled footpegs, a chin spoiler, a passenger seat cover for solo riders, plus lockable soft and hard side cases. The 2025 BMW F 900 XR has three color options. Racing Red is standard. The Triple Black version of the bike is Blackstorm Metallic (+\$275), while the Sport edition is Lightwhite with Racingblue Metallic (+\$375) and the chin fairing is standard. The base price of the new XR is \$11,995. We previously tested the BMW F 900 XR. 2025 BMW F 900 XR Specs
ENGINE Type: Parallel twin w/ 270/450-degree firing order Displacement: 895cc Bore x stroke: 86 x 77mm Maximum power: 105 horsepower @ 8500 rpm Maximum torque: 69 ft-lbs @ 6750 rpm Maximum speed: 124+ mph Compression ratio: 13.1:1 Valvetrain: DOHC, 4vpc Transmission: 6-speed Clutch: Wet multiple-plate w/ slipper function Final drive: O-ring chain CHASSIS Frame: Street bridge w/ load-bearing engine Front suspension, travel: Fully adjustable inverted 43mm fork; 6.7 inches Rear suspension, travel: Spring-preload and rebound-damping adjustable shock (semi-active optional); 6.8 inches Wheels: Die-cast aluminum Front wheel: 17 x 3.5 Rear wheel: 17 x 5.5 Tires: Front tire: 120/70 x 17 Rear tire: 180/55 x 17 Front brakes: 320mm floating discs w/ radially mounted Brembo 4-piston calipers Rear brake: 265mm disc w/ single-piston floating caliper ABS: BMW Motorrad ABS Pro DIMENSIONS and CAPACITIES Wheelbase: 60.4 inches Rake: 26 degrees Trail: 4.1 inches Seat heights: 30.5 and 33.3 inches (optional +1-inch High seat) Fuel tank capacity: 4.1 gallons Estimated fuel consumption: 56 mpg Curb weight: 476 pounds COLORS Racing Red Triple Black (+\$275) Sport (+\$375) 2025 BMW F 900 XR Price: from \$11,995 MSRP 2025 BMW F 900 XR Photo Gallery TAGS2025 BMW'sBMW F 900 XR 2025 BMW F900XR: THE NEW CROSSOVER BIKE.Introducing the 2025 BMW F900XR. Clocks up miles, chases cornersThe F 900 XR is our long-distance corner-chaser, with which you can experience thrilling performance. The design alone demonstrates that enormous forward thrust is in its DNA. Everything about the sport bike has been optimized for touring: for mountains and valleys, wind and weather, twisties and straights. That way, you have complete control of your bike in nearly any situation and can get the most out of every mile. If and when you ever want to get off it is something you can decide. #NeverStopChallengingYou can have it allExperience the ultimate kick within seconds, or enjoy an easy ride over long distances – who says you have to choose? At BMW, XR stands for long-distance performance, combining everything you want in a single bike. The F 900 XR is the clever choice if you want to take the lead with dynamism, but also want to cover longer distances.No compromises – ultimately, you can have it all. The F 900 XR offers exciting dynamism and confident long-distance capabilities at the same time. For you, this means: a fun ride when you're chasing corners, and a unique feeling on all routes.BMW Motorrad presents the new BMW F900R and F900XR.The new BMW F900R and F900XR: Technical and visual upgrades and significantly extended standard equipment for the dynamic roadster and long-distance sports bike in the mid-range segment. "With a significantly extended range of standard equipment, fully adjustable upside-down forks, lighter wheels and a weight saving of 3 kilograms, we have been able to make the BMW F900R and F900XR even more attractive. The new BMW F900R also benefits from a sportier riding position and the BMW F900XR from optimised aerodynamics." – Anton Huber, Project ManagerThe new BMW F900R and F900XR: Technical and visual upgrades and significantly extended standard equipment for the dynamic roadster and long-distance sports bike in the mid-range segment.With the new BMW F900R dynamic roadster and the new BMW F900XR crossover bike, BMW Motorrad is taking its popular mid-range product range to a new level. Both F-models are designed for sportiness and fun in twisty terrain, with even more agile handling and are suitable for experienced riders as well as newcomers and those returning to motorcycling. While the new BMW F900R as a Dynamic Roadster focuses primarily on sporty riding pleasure, the BMW F900XR has everything it takes to be a confident partner on longer tours and holiday trips with luggage.2025 BMW F900XR Totalmotorcycle.com Key FeaturesComplies with Euro 5+ emission standards.Increased wind and weather protection thanks to optimised wind deflector.Hand protectors.Heated grips.New upside-down telescopic forks with adjustable damping rebound and compression damping and spring preload.New wheels, approx. 1.8 kg lighter.New battery, approx. 0.8 kg lighter.Dynamic Traction Control DTC, engine drag torque control, BMW Motorrad ABS Pro and Dynamic Brake Control DBC. "Dynamic" riding mode with new settings.Headlight Pro (daytime running light and adaptive headlight),USB charging port.Slim rear end with integrated turn indicator lights. New colours. New genuine BMW Motorrad accessories such as sports silencer (in collaboration with Akrapovič), milled footrests and foot levers as well as axle protectors and lockable soft cases.New high seat (+ 25 mm seat height) available as optional equipment ex works.New high windshield (+ 30 mm seat height) available as optional equipment ex works.105hp max. at 8,500 rpm895 Displacement in ccm68 lb-ft max. torque at 6,500 rpm31 inch seat heightTwo-cylinder in-line engine2025 BMW F900XR Totalmotorcycle.com Features and BenefitsLightweight wheel rims, easy handlingThe lightweight rims allow for precise handling. They were adopted from the S 1000 R dynamic Roadster and provide a weight reduction of around 4 lbs compared with the previous model.Wind and weather protection: the front endThe front end with wind deflector offers you protection, even when the weather isn't playing ball. Optionally, you can also elevate this protection with a windscreen that is another inch higher.Individually adjustable: the forkThe adjustable upside-down fork allows you to configure the spring preload and rebound and compression stages to suit your own personal needs. This gives you and your passenger a significantly more comfortable ride on long tours.A sporty ride: with a sleek rearThe compact rear end trim rounds out the sporty aesthetic of the F 900 XR.Touring capabilities thanks to the USB-C charging portIn order to ensure that your smartphone is as charged up as you, the F 900 XR is equipped with a USB-C connection. Heard far and wide: sports silencerThe throaty sound from the optional sports silencer expressively emphasizes your sporty presence.Sporty on tour: the soft caseThe lockable soft case provides a sporty look and room to store what you need. The robust storage solution is available as an optional accessory.Milled footrests and foot leverAccessories for discerning riders: The optional milled footrests and foot lever can further elevate the high-quality aesthetic of the bike.Chasing experience after experienceEven the ergonomics are designed with sporty long-distance performance in mind. The upright sitting position enhances your stamina, and the footrest and sitting position for your passenger mean that they can enjoy every mile, too. The adjustable upside-down suspension fork allows the rider to configure the spring preload for improved control during compression, either with luggage or a passenger on board.Mile after mileMany of the details have been weight-optimized, allowing you to stay in control on the road. DTC and ABS Pro also ensure an easier ride. You'll feel barely any strain behind the protective front trim panel, allowing you to conquer turn after turn. The hand protection and heated grips make your trips more comfortable.A sporty ride with lightweight luggagePack your bags and start your tour. The lockable soft case with a sporty design can be easily attached to the case holder, which is included in the optional comfort package. Of course, you'll need your smartphone on board too, and you can charge it while riding using the USB-C charging port.Dynamic when on the moveThe engine characteristics and your forward momentum – a single, unbeatable unit. You can live out your power through this long-distance champion. The new throttle characteristics of the dynamic riding mode are highly emotive. With ABS Pro and DTC as standard, you can keep the F 900 XR on course with even more precision. Get your kick whenever you feel like it.Deep sounds, high standardsThe deep, thrilling sound of the sports silencer with titanium housing provides an impressive soundtrack for your trips. The silencer, which is available as an optional accessory, is a visual representation of your high standards. Moreover, the slight weight reduction can be felt in the riding dynamics.3 year warrantyRide on & on Get up to 3-years or 36,000 miles warranty on all new motorcycles.Powerful two-cylinder in-line engine with Euro 5+ homologation. Dynamic riding mode with sportier set-up. Dynamic Traction Control (DTC) and engine drag torque control now standard. New sports silencer in collaboration with Akrapovič as genuine BMW Motorrad accessories.In the new BMW F900R and F900XR, the tried-and-tested two-cylinder in-line engine with 895 cc capacity and 77 kW (105 bhp) of power output ensures pleasurable riding dynamics. It also delivers a full-bodied torque curve in the current Euro 5+ homologation. With the newly tuned standard "Dynamic" driving mode, the two new F models offer even more riding pleasure and dynamics at a sporty pace. Dynamic Traction Control (DTC) is fitted as standard to ensure the best possible safety during acceleration. The engine drag torque control is also standard. It prevents rear wheel spin or skidding caused by abrupt throttle release or downshifting, for an even higher level of safety.The sound of the two-cylinder engine, which already has a powerful character due to the 270/450 degree firing interval, is made even throatier by the new sports silencer available as a genuine BMW Motorrad accessory (in cooperation with Akrapovič), which also offers a weight saving of approximately 1.2 kg.New upside-down telescopic forks with adjustable damping rebound and compression damping and spring preload. New wheels, approx. 1.8 kg lighter. BMW Motorrad ABS Pro and Dynamic Brake Control DBC as standard – for even more safety when braking.On both the new BMW F900R and the new BMW F900XR, the front wheel is guided by new, torsionally rigid, upside-down telescopic forks with 43 mm slider tube diameter. Both rebound and compression damping as well as spring preload are now adjustable. This makes it possible to tailor the forks to suit individual requirements.The new BMW F900R and F900XR also feature new 17-inch cast aluminium wheels. They weigh around 1.8 kg less than the previous models, contributing to a total weight reduction of 3 kg.Another new standard feature on the new F models is BMW Motorrad ABS Pro. In contrast to BMW Motorrad ABS, ABS Pro goes one step further and offers even more safety when braking in bends by enabling ABS-assisted braking at lean angles.Another new standard safety feature is Dynamic Brake Control (DBC), which provides even greater safety when braking in difficult situations by preventing unintentional acceleration.New, 0.8 kg lighter battery as standard and function-integrated turn indicator lights in the new rear end. BMW F900XR with Headlight Pro including daytime running light, adaptive headlight, USB-C charging port and heated grips as standard.The two new F Series models are equipped with a new battery that is 0.8 kg lighter. They also have a new rear end with function-integrated turn indicator lights (brake and tail light functions are integrated into the turn indicator lights). The new BMW F900XR comes with Headlight Pro as standard, including daytime running light and adaptive headlight for even greater safety when riding at night. Other new standard features of the BMW F900XR include the USB-C charging port on the right-hand side of the cockpit with a maximum charging current of 2.4 A and the heated grips. BMW F900R with optimised ergonomics thanks to a redefined position of the handlebars and footrests for a more sporty riding position. New headlight side trim painted in body colour.The handlebars, footrests and foot levers of the ergonomic triangle between the handlebars, seat and footrests of the new BMW F900R have been redesigned. This has made it possible to create a riding position that is significantly more sporty and closer to the front wheel.The new BMW F900R's increased sporting ambitions are emphasised by the headlamp side trim painted in body colour.BMW F900XR with optimised aerodynamics and hand protectors as standard.The new BMW F900XR offers even more touring capability and long-distance comfort thanks to optimised aerodynamics in the front fairing. The redesigned wind deflector reduces wind pressure on the rider, resulting in significantly less helmet vibration and even greater riding comfort. The hand protectors, which are standard for all equipment variants, also provides improved protection from the wind and weather.Equipment variants and colours.The new BMW F900R is available in three attractive colours. The basic variant is available in Snapper Rocks Blue metallic, the Triple Black version in Blackstorm metallic and the version Sport in Lightwhite with Racingblue metallic.The new BMW F900XR will also be available in three variants and colours for the coming season. The basic variant is available in Racing Red, the Triple Black version in Blackstorm metallic and the version Sport in Lightwhite with Racingblue metallic.New optional equipment and genuine BMW Motorrad accessories for the new BMW F 900 and F 900 XR.The already extensive range of optional equipment and genuine BMW Motorrad accessories has been further expanded for the new model year:BMW F900R and F900XR.Sports silencer in collaboration with Akrapovič.Milled footrests and foot levers.Axle protectors.Lockable soft cases.Mengine spoiler and passenger seat cover in new colours.BMW F900XR.High seat (+ 25 mm).High windshield (+ 30 mm).2025 BMW F900XR – Totalmotorcycle.com USA Specifications/Technical DetailsUS MSRP Price: from \$12,370 USDCanada MSRP Price: from \$13,795 CDNEurope/UK MSRP Price: from £ See Dealer GBP (total selling price)EngineRated output105 hp at 8,500 rpmEmision controlClosed-loop 3-way catalytic converterTypeWater-cooled, 2-cylinder, four-stroke engine with four cam-operated valves per cylinder, two overhead camshafts and dry-sump lubricationBore x stroke86 mm x 77 mmCapacity895 ccMax. torque68 lb-ft / 6,750 rpmCompression ratio13.1 : 1Mixture controlElectronic intake pipe injection / digital engine management system: BMS-X with throttle-by-wirePerformance / fuel consumptionFuel typeSuper unleaded (max. 15% ethanol, E15), 95 ROZ/RON, 90 AKIElectrical systemAlternatorPermanent magnet alternator with 420 W (nominal power)Battery12 V / 9 AhPower transmissionClutchMultiple-plate clutch in oil bath, slipper clutch, mechanically operatedGearboxConstant-mesh 6-speed gearbox integrated in the transmission housingDriveEndless X-ring chain, jerk damping in the rear hubChassis / brakesFrameBridge-type frame, steel shell constructionFront wheel location / suspensionUpside-down telescopic fork, diameter 43 mmRear wheel location / suspensionAluminum twin-sided swing arm, central shock absorber, spring pre-load hydraulically adjustable, rebound damping adjustableSuspension travel, front / rear6.7 / 6.8" (OE suspension lowering kit 5.9" / 6.0")WheelsAluminum cast wheelsRim, front3.50 x 17"Rim, rear5.50 x 17" Tire, front120/70 ZR17 Tire, rear180/55 ZR17Brake, frontTwin disc brake, floating brake discs, diameter 320 mm, 4-piston radial brake caliperBrake, rearSingle disc brake, diameter 265 mm, 1-piston floating caliperABSBMW Motorrad ABS ProDimensions / weightSeat height at unladen weight32.2" (lowering kit 30.5"; double seat low 31.3"; seat high 33.3"; comfort seat 33.3")Usable tank volume4.1 galReserve approx. 1 galLength35.0"Height55.7" (above standard windshield), 56" (above windshield high), 55" (above windshield low) at unladen weightWidth36.2" (without mirror)Permitted total weight966 lbsPayload (with standard equipment)489 lbsDry weight454 lbsEquipmentStandard equipment Full-color TFT display with BMW Motorrad ConnectivityHeadlight Pro incl. adaptive headlightLED turn indicatorsASCriding modes Rain, Road and DynamicAdjustable brake and clutch levers12V socketWindscreen adjustment mechanismABS ProHeated gripsUltimate Care Break-in ServiceOptional equipment Pro Riding Modes incl. DTC/MSR/DBCDynamic ESA (electronically adjustable suspension)Case holderCenter standKeyless RideIntelligent emergency callLowered suspensionCruise controlOptional accessoriesCenter standConnectedRide NavigatorBlack engine protection barMilled rider footrests, adjustableBlack LED additional headlightsTitanium silver rear silencerCase, light whiteAxle protectorMilled brake and gearshift levers, adjustable2025 BMW F900XR – Totalmotorcycle.com Canada Specifications/Technical DetailsTBA2025 BMW F900XR – Totalmotorcycle.com European Specifications/Technical DetailsF 900 R F 900 XR EngineCapacitycc895Bore/stroke86.0 x 77.0Outputhp105 @ 8,500 rpmTorqueft-lbs68.6 @ 6,500 rpmTypeWater-cooled 2-cylinder inline engine with 4 valves per cylinder, two overhead camshafts and dry sump lubricationCompression13.1/1FuelPremium unleaded 95 RONValves per cylinder40 Intake/outletmm33.5 / 27.30 Throttle valvemm48Engine controlBMS-MEmission controlClosed-loop three-way catalytic converter, EU-5+ Electrical systemGeneratorW420BatteryV/Ah12/9HeadlightLED Headlight ProRear lightFunction-integrated LED brake/rear lightsStarterW900Power transmissionClutchWet, multi-disk clutch with anti-hopping function, mechanically activatedGearboxConstant mesh 6-speed integrated in engine housingTransmission ratio2.833/1/2.067/1/1.600/1/1.308/1.103/1.068Secondary driveEndless O-ring chain with rear hub vibration dampeningPrimary ratio1.184Secondary ratio2.588ChassisFrame construction typeBridge-type steel frame with load-bearing engineFront wheel suspension43 mm front forks, adjustable for compression and rebound and spring pre-loadRear wheel suspensionAluminum double-sided swing arm, rear shock adjustable for rebound and spring pre-load,Optional dynamic ESASpring travel, front/rearinches5.3 / 5.6 6.7 / 6.8Wheel castorinches4.5 4.1Wheelbaseinches59.6 60.4Steering head angledegrees26.0BrakesfrontTwin disc brake, floating brake discs, Ø 320 mm, 4-piston radial calipersrearSingle disc brake, Ø 265 mm, 1-piston floating caliperABSBMW Motorrad ABS Pro (lean angle optimized)WheelsCast aluminum wheelsfrontinches3.50 x 17"rear5.50 x 17" tiresfront120/70 ZR 17rear180/55 ZR 17Dimensions and weightsTotal lengthinches84.3 85.0Total width incl. hand protect.inches34.3 36.2Seat heightinches32.9 33.3DIN unladen weight, road readylbs.459 476Permitted total weightlbs.958 965.8Fuel tank capacitygallons3.4 4.1Performance figuresAcceleration 0-62 mphseconds3.7 3.6Top speedmph>124Manufacturer Specifications and appearance are subject to change without prior notice on Total Motorcycle (TMW). Make Model BMW F 900XR Year 2025 Engine Four stroke, parallel twin cylinder, DOHC, 4 valves per cylinder Capacity 895 cc / 54.6 cu-in Bore x Stroke 86 x 77 mm Compression Ratio 13.1:1 Cooling System Liquid cooled Emission Closed-loop 3-way catalytic converter, emission standard EURO5+ Induction Electronic intake pipe injection / digital engine management system BMS-X with throttle-by-wire Starting Electronic Alternator permanent magnetic alternator 416 W (nominal power) Battery 12 V / 9 Ah, maintenance-free Starting Electric Max Power 78 kW / 105 hp @ 8500 rpm Max Torque 93 Nm / 68.6 lb-ft @ 6750 rpm Clutch Multiple-disc wet clutch (anti hopping), mechanically operated Transmission Constant mesh 6-speed gearbox integrated in crankcase Final Drive Endless O-ring chain with shock damping in rear wheel hub Frame Bridge-type frame, steel shell construction, load bearing engine Front Suspension 43mm inverted fork with adjustable damping rebound and compression damping as well as adjustable spring preload. Front Wheel Travel 170 mm / 6.7 in Rear Suspension Aluminum double-sided swing arm, directly linked central spring strut, hydraulically adjustable spring preload, adjustable rebound damping (Optional equipment: Dynamic ESA) Rear Wheel Travel 173 mm / 6.8 in Front Brakes 2 x 320mm floating discs, 4-piston radial brake calipers, hydraulically operated Rear Brakes Single 265mm discs, single-piston floating caliper, hydraulically operated ABS System BMW Motorrad ABS Pro Wheels Cast aluminum wheels Front Wheel 3.50" x 17" Rear Wheel 5.50" x 17" Front Tyre 120/70 ZR 17 Rear Tyre 180/55 ZR 17 Rake 28° Trail 119.4 mm / 4.1 in Dimensions Length 2159 mm / 85 in Width 919 mm / 36.2 in Wheelbase 1534 mm / 60.4 in Seat Height 846 mm / 33.3 Wet Weight 216 kg / 476 lbs Fuel Capacity 15.5 Litres / 4.1 US gal From a press release issued by BMW : 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. 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. 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. 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. 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. Chassis and Suspension 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. 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. Electronics 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. 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. 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 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. 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 windshield.