

# 2001 BMW R 1100 RS ABS

Importer: BMW of North America, Inc.

Manufacturer: BMW AG, Munich, Germany

Mfr.'s Suggested Retail Price: \*\$15,100.00

\*Actual Price Determined by Dealer

Price excludes taxes, license, options, and handling charges.

MSRP includes equalized freight charges.

Engine		Brakes	
Type	Air cooled/Oil cooled twin cylinder	Brake system	BMW / FAG antilock brake system - ABS II
Bore x stroke	99 mm x 70.5 mm	Front brakes	two 4-piston calipers, wear compensation
Displacement	1085 cc	Front rotors	dual 12.0 inch floating rotor
Horsepower	90 bhp @ 7250 rpm	Actuation method	hydraulic, DOT 4 fluid type
Torque	69 lb.-ft. @ 5500 rpm	Rear brake	one 2-piston caliper, floating mount
Compression ratio	10.7:1	Rear rotor	single 11.2 inch fixed rotor
Valve gear	HC, chain-driven	Actuation method	hydraulic, DOT 4 fluid type
Valves	2x34 mm intake / 2x29 mm exhaust	Wheels and Tires	
Valve timing (measured at 3 mm valve clearance)	intake opens 5 degrees after TDC intake closes 33 degrees after BDC exhaust opens 27 degrees before BDC exhaust closes 5 degrees before TDC	Front wheel	3.50 x 17 MT-H2, cast alloy, 3-spoke U-profile
		Rear wheel	4.50 x 18 MT-H2, cast alloy, 3-spoke U-profile
		Front tire	120/70 - ZR 17 tubeless
		Rear tire	160/60 - ZR 18 tubeless
Valves per cylinder	four	Dimensions	
Engine oil capacity	4 quarts of SF, SG motor oil, also w/CC or CD	Overall length	85.6 inches (2175 mm)
Engine oil filter	spin-on Micronic filter cartridge	Overall width	26.2 inches (666 mm) (across footrest)
Carburetion	fuel injection and electronic ignition MA 2.2	Wheelbase	57.5 inches (1467 mm) (unladen)
Ignition	controlled by Bosch Motronic MA 2.2	Ground clearance	6.2 inches (159 mm) (unladen)
		Seat height	30.7/31.5/32.2 inches (780/800/820 mm)
Fuel demand	unleaded, middle-grade premium, 90 AKI	Handlebar width	29.0 inches (738 mm)(with weights)
Fuel tank	polyamide tank with enclosed fuel pump & filter	Steering angle	65.9 degrees
Fuel capacity	6.07 U.S. gallons including 1 gal. reserve	Front wheel trail	4.1 inches (104 mm) (unladen)
Air Filter	Paper-type element	Weight - dry	506 lbs.
Charging system	14 V, 50 Amp Alternator (700 W)	Weight - wet	526 lbs.
Battery	BMW Mareg, 12V - 19 Amp/h low maintenance	Maximum load	1059 lbs. gross vehicle weight rating
Cooling system	combined air/oil cooled	Wheel load	Front=397 lbs
Drivetrain		limits	Rear=662 lbs
Primary drive	helical-cut gears with tensioner	Available Colors	
Clutch	180 mm dry, single plate with diaphragm spring	Night Black #716	
Gear ratios	1st gear: 4.16:1                      4th gear: 1.74:1 2nd gear: 2.91:1                      5th gear: 1.45:1 3rd gear: 2.13:1	Marrakesh Red #733	
		Standard Equipment	
Drive system	enclosed driveshaft with two universal joints and integral torsional damper	-Integral sport-touring fairing (short version)	
Final drive	spiral bevel gears, 2.81:1 ratio (31/11)	-Single key lock system for ignition, steering, fuel cap, seat storage compartment locks	
Frame and Suspension		-Integrated ignition and steering lock	
Frame	New 3-section frame concept	-Saddle bag mounts/ Front fork covers	
Front suspension	Telelever with central spring strut & progressive spring and variable rebound damping.	-Electronically-controlled 3-way catalytic converter	
Travel / dimensions	4.72 inches / 35 mm fixed tube diameter	-Ergonomics Package (Adj. windshield, handlebars and seat)	
Rear suspension	Patented BMW Paralever swingarm & shaft drive, single shock with variable rebound damping	-Hazard warning flashers	
Travel / dimensions	5.31 inches, progressive spring, 5 positions	-Power accessory socket	
		-Rider Information Display (oil temp, fuel indicator, clock, gear selection)	
		-Heated handlebar grips	
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