

# 2001 BMW R 1100 RT ABS

Importer: BMW of North America, Inc.

Manufacturer: BMW AG, Munich, Germany

Mfr.'s Suggested Retail Price: **\*\$15,990.00**

\*Actual Price Determined by Dealer

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

MSRP includes includes equalized freight charges.

## Engine

Type	Air cooled/Oil cooled twin cylinder
Bore x stroke	99 mm x 70.5 mm
Displacement	1085 cc
Horsepower	90 bhp @ 7250 rpm
Torque	69 lb.-ft. @ 5500 rpm
Compression ratio	10.7:1
Valve gear	HC, chain-driven
Valves	2x34 mm intake / 2x29 mm exhaust
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
Valves per cylinder	four
Engine oil capacity	4 quarts of SF, SG motor oil, also w/CC or CD
Engine oil filter	spin-on Micronic filter cartridge
Carburetion	fuel injection and electronic ignition MA 2.2
Ignition	controlled by Bosch Motronic MA 2.2
Fuel demand	unleaded, middle-grade premium, 90 AKI
Fuel tank	polyamide tank with enclosed fuel pump & filter
Fuel capacity	6.6 U.S. gallons including 1 gal. reserve
Air Filter	Paper-type element
Charging system	14 V, 50 Amp Alternator (700 W)
Battery	BMW Mareg, 12V - 19 Amp/h low maintenance
Cooling system	combined air/oil cooled

## Drivetrain

Primary drive	helical-cut gears with tensioner
Clutch	180 mm dry, single plate with diaphragm spring
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
Drive system	enclosed driveshaft with two universal joints and integral torsional damper
Final drive	spiral bevel gears, 2.91:1 ratio (32/11)

## Frame and Suspension

Frame	New 3-section frame concept
Front suspension	Telelever with central spring strut & linear-rate coil spring. Twin-tube gas-filled shock.
Travel / dimensions	4.72 inches / 35 mm fixed tube diameter
Rear suspension	Patented BMW Paralever swingarm & shaft drive, single-tube gas-filled shock, variable rebound setting.
Travel / dimensions	5.31 inches, progressive spring, 40 positions

## Brakes

Brake system	BMW / FAG antilock brake system - ABS II
Front brakes	two 4-piston calipers, wear compensation
Front rotors	dual 12.0 inch floating rotor
Actuation method	hydraulic, DOT 4 fluid type
Rear brake	single 2-piston floating caliper
Rear rotor	single 11.2 inch fixed rotor
Actuation method	hydraulic, DOT 4 fluid type

## Wheels and Tires

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

## Dimensions

Overall length	86.4 inches (2195mm)
Overall width	35.4 inches (898 mm) (over mirrors)
Wheelbase	58.5 inches (1485 mm) (unladen)
Ground clearance	6.0 inches (153 mm) (unladen)
Seat height	30.7/31.5/32.2 inches (780/800/820 mm)
Handlebar width	30.5 inches (775 mm)(with weights)
Steering angle	62.8 degrees (unladen)
Front wheel trail	4.8 inches (122 mm) (with rider)
Weight - dry	563 lbs.
Weight - wet	622 lbs.
Maximum load	1080 lbs. gross vehicle weight rating
Wheel load limits	Front=440 lbs Rear=726 lbs

## Available colors

Night Black #716  
Graphite Metallic #704  
Opal Blue Metallic #745

## Standard Equipment

-Integral touring fairing with full lower protection  
-Single key lock system for ignition, steering, fuel cap, seat storage  
compartment locks, saddlebags  
-Integrated ignition and steering lock  
-Integral luggage cases  
-Electronically-controlled 3-way catalytic converter  
-Adjustable seat, windshield and shift lever  
-Hazard warning flashers and power accessory sockets  
-Rider Information Display (oil temp, fuel indicator, clock, gear selection)  
-Adjustable warm air ducts for cold weather riding  
-Large luggage rack for optional top box

Copyright 2000 BMW of North America, Inc., Woodcliff Lake, New Jersey All rights reserved