Service-Information Motorcycle

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Maintenance &
General Hints

January, 1993 00 087 92 (2569)

For USA Only



Specification - 1993 Models

Attached are general specifications for the 1993 model line, which covers the following.

- Engine
- Drive Train
- Frame and Suspension
- Brakes
- Wheels and Tires
- Dimensions
- Available Colors
- Standard Equipment

Very truly yours,

BMW of North America, Inc.

Frank Stevens National Service Manager Motorcycle Group

FS:tb/438

Richard Dampf

National Technical Manager

	Please within and route to the following before filing				
Technicians	Warranty	Sales	Parts	Service	
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1993 BMW K1100RS

mporter: BMW of North America, Inc.

Mfr's Suggested Retail Price: *\$13,990.00

*Actual Price Determined by Dealer

Price excludes taxes,	license, options, destination and handling charges.			
Engine		Brakes		
Турс	liquid-cooled, four stroke inline 4-cylinder	Brake system	BMW / FAG anti-lock brake system	
Bore x stroke	70.5 mm x 70.0 mm	Front brakes	two 4-piston calipers, angular wear compensation	
Displacement	1093 €	Front rotors	dual 12.0 inch floating rotor	
Horsepower	100 Bhp @ 7750 rpm	Actuation method	hydraulic, DOT 4 fluid type	
Torque	77.3 lb.—ft. @ 5500 rpm	Rear brake	one double—action 2—piston caliper	
Compression ratio	11.0:1	Rear rotor	single 11.2 inch diameter fixed rotor	
Valve gear	DORC, chain-driven	Actuation method	hydrauic, DOI 4 Haid type	
Valves	2 x 26.5 mm intake / 2 x 23.0 mm exhaust	Wheels and Tir		
Valve timing	intake opens 14 degrees after TDC	Front wheel		
(measured at 3 mm	intake closes 18 degrees after BDC	Rear wheel	3.50 x 17 MT-H2 cast alloy, 3-spoke U-profile	
ulve clearance)	exhaust opens 18 degrees before BDC	Front tire	4.50 x 18 MT-H2 cast alloy, 3-spoke U-profile 120/70 - VR17 tubeless	
[exhaust closes 14 degrees before TDC	Rear tire		
Valves per cylinder	four	Dimensions	160/60 - VR18 tubeless	
Camshafts	256 degrees		<u> </u>	
Engine oil capacity	4 quarts of SF,SG motor oil	Overall length Overall width	87.8 inches (2230 mm)	
Engine oil filter	enclosed spin—on Micronic filter cartridge	Wheelbase	31.6 inches (803 mm) (over mirrors)	
Carburetion	fuel injection and electronic ignition	 	61.6 inches (1565 mm) (without rider)	
Ignition	controlled by Booch Motavaic MA 2.1 Digital	Ground clearance	4.9 inches (125 mm) (without rider)	
	Motor Electronics	Scat height	31.5 mches (800 mm)	
Fuel demand		Handlebar width	28.0 inches (710 mm)	
Fuel tank	unleaded, middle-grade premium, 89 (AKI)	Steering head angle	64 degrees	
Fuel capacity	aluminum tank with enclosed fuel pump & filter 5.2 U.S. gallons including 1.3 gal. reserve	Front wheel trail	3.74 inches (95 mm) (with rider)	
Air Filter		Weight - dry	564 lbs.	
Charging system	Micronic plate—type element	Weight - wet	617 lbs.	
Battery	14 V, 50 Amp Alternator (700 W)	Maximum load	1069 lbs. gross vehicle weight rating	
Cooling system	BMW Mateg, 19 Amp/h low maintenance	Axie load distribution	49% / 51% - valaden	
Orivetrain	liquid cooled, controlled via thermostat	A 71 . 31 . 41	46% / 54% - with rider	
		Available colors	S	
Clusch	helical—cut gears with tensioner	Classic black #670	Mystic red #689 Silk blue #690	
Gear ratios	180 mm diy, single plate with disphram spring	Astral blue #691		
OCAL TALIOS	1st gear: 4.49:1 4th gear: 1.88:1	Standard Equip		
	2nd gear: 2.96:1 5th gear: 1.61:1	-Integral sport-touri	ng fairing with full lower protection	
	3rd gear: 2.30:1	-Single key lock system for ignition, steering, fuel cap, seat storage		
Drive system	enclosed driveshaft with two universal joints	compartment locks		
	and integral torsional damper	-Integrated ignition and steering lock		
Final drive	spiral bevel gears, 2.82:1 ratio (31/11)	-Rear storage compartment including 16 piece tool kit and tire repair		
Frame and Sus		-Firel expanity and coolant temperature gauges		
Frame	tubular steel, engine as a structural component	- Dual tone horns		
Front suspension	telescopic fork with progressive spring character,	- Hazard warning flashers		
	refillable "cartridge type damper" system	- Digital clock		
Travel / dimensions	5.3 inches / 41./ mm stanchion tube diameter	-Power accessory socket		
Rear suspension	monolever swingarm, patented BMW Paralever			
	shaft drive, variable rebound damping			
vel / dimensions	4.7 inches, progressive spring, 5 preload positions	Copyright 1997 RMW of Novel	h America, Inc., Woodcliff Lake, New Jersey, All rights received	
		Soblaster rear mai at or uour	a regretar, the woodcig: Late. New Jersey All rights reserved	

1993 BMW K1100LT

Fronter: BMW of North America, Inc.

Mir's Suggested Retail Price: *\$14,890.00

*Actual Price Determined by Dealer

*Actual Price Determined by Dealer				
	icense, options, destination and handling charges.			
Fngine		Drakes -		
Туре	liquid-cooled, four stroke inline 4-cylinder	Brake system	BMW / FAG auti-lock brake system	
Bore x stroke	70.5 mm x 70.0 mm	Front brakes	two 4-piston calipers, angular wear compensation	
Displacement	1093 cc	Front rotors	dual 12.0 inch floating rotor	
Horsepower	100 Bhp @ 7750 rpm	Actuation method	hydraulic, DOT 4 fluid type	
Torque	77.3 lbft. @ 5500 rpm	Rear brake	one double-action 2-piston caliper	
Compression ratio	11.0:1	Rear rotor	single 11.2 inch diameter fixed rotor	
Valve gear	DOHC, chain-driven	Actuation method	bydraulie, DOT 4 fluid type	
Valves	2 x 26.5 mm intake / 2 x 23.0 mm exhaust	Wheels and Tir	es	
Valve timing	intake opens 14 degrees after TDC	Front wheel	2.50 x 18MT-H2 cast alloy, 3-spoke U-profile	
(measured at 3 mm	intake closes 18 degrees after BDC	Rear wheel	3.00 x 17MT-H2 cast alloy, 3-spoke U-profile	
've olearanee)	exhaust opens 16 degrees before BDC	Front tire	110/80 - VB18 tubeless	
· 	exhaust closes 14 degrees before TDC	Rear tire	140/80 - VB17 tubeless	
Valves per cylinder	four	Dimensions		
Camshafts	256 degrees	Overall length	88.6 inches (2250 mm)	
Engine oil capacity	4 quarts of SF,SG motor oil	Overall width	36.0 inches (915 mm) (over mirrors)	
Engine oil filter	enclosed spin-on Micronic filter cartridge	Wheelbase	61.6 inches (1565 mm) (without rider)	
Carburction	fuel injection and electronic ignition	Ground clearance	4.9 inches (125 mm) (without rider)	
Ignition	controlled by Bosch Motronic MA 2.1 Digital	Seat height	31.0 inches (210 mm)	
· - -	Motor Electronics	Handlebar width	30.1 inches (765 mm)	
Fuel demand	unleaded, middle-grade premium, 89 (AKI)	Steering head angle	63 degrees	
Fuel tank	aluminum tank with enclosed fuel pump & filter	Front wheel trail	3.98 inches (101 mm) (with rider)	
Fuel capacity	5.2 U.S. gallous including 1.3 gal. reserve	Weight – dry	551 lbs.	
Air Filter	Micronic plate - type element	Weight - wet	639 Ibs.	
Charging system	14 V, 50 Amp Alternator (700 W)	Maximum load	1102 (bs. gross vehicle weight rating	
Battery	BMW Mareg, 19 Amp/h low maintenance	Axle load distribution	50% / 50% - unladen	
Cooling system	liquid cooled, controlled via thermostat		46.4% / 53.6% - with rider	
Privetrain		Available color:	\$ · · · · ·	
a Jary drive	helical—cut gears with tensioner	Classic black #670	Mystic red #689 Astral blue #691	
Clutch	180 mm dry, single plate with diaphram spring	Pacific green #623	Silk blue #690	
Gear ratios	1st gear: 4.49:1 4th gear: 1.88:1	Standard Equip	oment	
	2nd gear: 2.96:1 5th gear: 1.61:1	-Touring faiting with	integrated lower protection, storage compartments	
	3rd gear: 2.30:1	-Electronically adjustable windshield		
Вліче вувесш	enclosed driveshart with two universal joints	- Integral luggage cases with painted lids		
	and integral torsional damper	-Removable top box with painted lid, integral back rest pad		
Final drive	spiral bevel gears, 2.91:1 ratio (32/11)	-Integrated ignition and steering lock, engine protection bars		
Frame and Sus	pension	-Single key lock system for ignition, steering, fuel cap, seat, storage		
Frame	tubular steel, engine as a structural component	compartments, integral cases and top box locks		
Front suspension	telescopic fork with progressive spring character,	-BMW anti-theft AM-FM radio with cassette, remote controller		
	refillable "cartridge type damper" system	-Rear storage compartment including 16 piece tool kit and tire repair kit		
Travel / dimensions	5 3 inches / 41 7 mm etapchion tube diameter	Heated handlebar grips, map reading light, dual tout hours		
Rear suspension	monolever swingarm, patented BMW Paralever	-Fuel capacity and coolant temperature gauges, digital clock		
<u> </u>	shaft drive, variable rebound damping	-Hazard warning flashers, power accessory sockets		
Tvel / dimensions	4.7 inches, progressive spring, 5 preload positions	Copyright 1992 BMW of North America, Inc., Woodcliff Lake, New Jersey All rights reserved		
		Abhrigar 1992 and a of Hou	a removed. Dec., wooders: Late, New Jersey All rights reserved	

1993 BMW K1

F porter: BMW of North America, Inc.

Manufacturer: BMW AG, Munich, Germany Mfr's Suggested Retail Price: *\$14,290.00

*Actual Price Determined by Dealer

Engine Type liquid—cooled, four stroke inline 4-cytinder Brake system Stape Sta	Price excludes taxes, license, options, destination and handling charges.				
Bore x stroke	Engine		Brakes		
Displacement 987 ce Horsepower 95 Bbp @ 7500 rpm Actuation method Horsepower 95 Bbp @ 7500 rpm Actuation method Torque 27.3 h = 1.6. @ 6250 rpm Rear rotor single 11.2 inch dismerter fixed rotor Valve gear DOEC chain—drives Actuation actual by develope 12.3 b = 1.6. @ 6250 rpm Wheels and Tires Valve timing intake opens 10 degrees after TDC rehated at 3 mm valve desired at 3 mm valve (nexastred at 3 mm valve) actual to pens 10 degrees after TDC rehated at 3 mm valve (nexastred) actual to pens 10 degrees after TDC rehated actual to pens 10 degrees after TDC rehated actual to pens 10 degrees after TDC rehated actual to pens 20 degrees before TDC rehated actual to pens 20 degrees rehated by Broach Motorals MA 2.1 Digital Motor Electronics actual to pens 20 degrees before TDC rehated actual to pens 20 degrees actual to pens 20 degrees before TDC rehated actual to pens 2	Туре	liquid-cooled, four stroke inline 4-cylinder	Brake system	BMW / FAG anti-lock brake system	
Displacement 987 cc Foot stores Actuation method Actuation Ac	Bore x stroke	67.0 mm x 70.0 mm	Front brakes	two 4-piston calipers, angular wear compensation	
Torque 72.3 lbft. @ 6250 rpm Rear brake one double-action 2 - piston caliper Compression ratio 11.0-1 Rear rotor single 11.2 inch disaseter fixed rotor Valve gaz 2 x 26.5 mm intake / 2 x 23.0 mm exhaust Wheels and Tires Valve tining trake opens 10 degrees after TDC Front wheel 3.50 x 17 MT—12 cast alloy, 3 - spoke U-profile (measured at 3 mm intake closes 14 degrees after BDC exhaust opens 26 degrees before BDC exhaust opens 26 degrees before BDC exhaust opens 26 degrees before TDC Rear tire 12070 - VR15 tubeless exhaust opens 26 degrees before TDC Rear tire 16050 - VR18 tubeless Chaust opens 26 degrees before TDC Rear tire 16050 - VR18 tubeless Chaust opens 26 degrees before TDC Rear tire 16050 - VR18 tubeless Chaust opens 26 degrees before TDC Profit in 12070 - VR17 tubeless Chaust opens 26 degrees before TDC Rear tire 16050 - VR18 tubeless Chaust opens 26 degrees before TDC Profit in 12070 - VR17 tubeless Chaust opens 26 degrees before TDC Profit in 12070 - VR18 tubeless Chaust opens 26 degrees before TDC Rear tire 16050 - VR18 tubeless Chaust opens 26 degrees before TDC Profit in 12070 - VR18 tubeless Chaust opens 26 degrees before TDC Rear tire 16050 - VR18 tubeless Chaust opens 26 degrees before TDC Profit in 12070 - VR18 tubeless Chaust opens 26 degrees before TDC Profit in 12070 - VR18 tubeless Chaust opens 26 degrees before TDC Profit in 12070 - VR18 tubeless Chaust opens 26 degrees before TDC Profit in 12070 - VR18 tubeless Chaust opens 26 degrees before TDC Profit in 12070 - VR18 tubeless Chaust opens 26 degrees before TDC Profit in 12070 - VR18 tubeless Chaust opens 26 degrees before TDC Profit in 12070 - VR18 tubeless Chaust opens 26 degrees before TDC Profit in 12070 - VR18 tubeless Chaust opens 26 degrees before TDC Profit in 12070 - VR18 tubeless Chaust opens 26 degrees before TDC Profit in 12070 - VR18 tubeless Chaust opens 26 degrees Chaust of 12070 - VR18 tubeless Chaust opens 26 degrees Chaust of 12070 - VR18 tubeless Chaust opens 27 degree Chaust of 12070 - VR18 tubeless Chaust of 12070	Displacement	987 cc	Front rotors	· · · · · · · · · · · · · · · · · · ·	
Compression ratio 11.0-1 Valve gaza DOHC. chain-driven Attactive method Valves 2 x 26.5 mm intake 2 x 23.0 mm exhaust Wheeless and Tires Valves timing intake opens 10 degrees after TDC Valves timing intake opens 10 degrees after TDC ve clearance) chaust opens 26 degrees before TDC Rear tire 100/60 - V-R18 tubeless Valves per cytinder Valves per cytinder Cambafts 25 degrees Cambafts 25 degrees Cambafts Carburetion fuel injection and electronic ignition constitute 4.5 y Bowsh Marcais AAS.21 Digital Motor Electronics Fuel demand unkeaded, middle-grade premium, 89 (AKI) Fuel capacity 5.2 U.S. gallons including 1.3 gal reserve ALF Filter Micronic plate-type element Cardigo system 14 V. 33 Amp Alternator (460 W) Battery BMW Marca, 25 Amph. Ale load distribution Cardigo system 1. mary drive helical-cut gears with tensioner Cardia drive Cardia drive Load gars 2.96:1 Sing gars 2.30:1 Drive system colosed driveshaft with two universal joints and integrate or sing fact of the pure sing character results of the plate with daspharam sputng France Traver dimension Calcarging system colosed driveshaft with two universal joints and integral toors and damper telescopic fort with progressive spring character results and integrated at a minute and the colosed mapper telescopic fort with progressive spring character Traver of the capacity of the first of the proper spring character results and integrated at 2 minute and the capacity spring character Traver of the capacity of the first of the proper spring character results and integrated sports fairing with storage compartment - lategrated sports fairing with storage compartment - lategrated doubles grips Traver of the capacity and coolant temperature pauses. Final drive spring bere dearner telescopic fort with progressive spring character results and integrated and time repair kit - declaracity and coolant	Horsepower	95 Bbp @ 7500 rpm	Actuation method	hydraulic, DOT 4 fluid type	
Valve gear DOHC chain-driven Valve may Valve thing Intake opens 10 degrees after TDC Geneasured at 3 mm ve clearance) Valves per cylinder Valves per	Torque	72.3 lb. – ft. @ 6250 rpm	Rear brake	one double-action 2-piston caliper	
Valvet iming intake opens 10 degrees after TDC intake closes 14 degrees after TDC intake closes 14 degrees after BDC exhaust opens 26 degrees before TDC in tire 120770 - VR17 beless chaust opens 26 degrees before TDC in tire 120770 - VR17 beless chaust opens 26 degrees before TDC in tire 120770 - VR18 tubeless Valves per cylinder four Dimensions Cambaffs 256 degrees Overall length 37.8 inches (2230 mm) Overall width 34.4 inches (875 mm) (over mirrors) Eagine oil capacity 4 quarts of SF,SG motor oil Overall width 34.4 inches (875 mm) (over mirrors) Eagine oil capacity 4 quarts of SF,SG motor oil Overall width 34.4 inches (875 mm) (over mirrors) Eagine oil capacity 5 (a quarts of SF,SG motor oil Overall width 34.4 inches (875 mm) (over mirrors) Eagine oil capacity 6 fuel injection and electronic ignition of controlled by Boscah Material AAA.5.1 Digital Motor Electronics Fuel demand unleaded, middle-grade premium, 89 (AKI) Steering head angle 63 degrees Fuel demand unleaded, middle-grade premium, 89 (AKI) Steering head angle 63 degrees Fuel capacity 5.2 U.S. gallous including 1.3 gal. reserve Weight - dry 538 lbs. Als Filter Micronic plate—type element Weight - dry 538 lbs. Als Filter Micronic plate—type element Weight - dry 538 lbs. Battery BMW Mareg, 25 Amp/h Alle load distribution 49% / 51% - unladen 46% / 54% - with rider 105 mm dry, single plates with diseptiment spring dry for in guide cooled, controlled via thermostat Privaterial 1870 mm dry, single plates with diseptiment up tile grant degree 1.88:1 October 570 Silk blue \$690 Drive system for ignition and steering lock - Standard Equipment - Integrated ignition and steering lock - Single key lock system for ignition, steering, fuel cap, seat, storage compartment (october) and in the plant of the p	Compression ratio	11.0:1	Rear rotor	single 11.2 inch diameter fixed rotor	
Intake opens 10 degrees after TDC Front wheel 3.50 x 17 MT-112 cast alloy, 3-spoke U-profile	Valve gear	DOHC, chain-driven	Actuation method	hydraulie, DOT 4 fluid type	
(measured at 3 mm ve clearance) (measured at 4 mm ve clearance) (measured at 3 mm ve clearance) (measured at 3 mm ve clearance) (measured at 4 mm ve clearance) (measured at 3 mm ve clearance) (measured at 4 mm ve clearance) (measured at 3 mm ve clearance) (measured at 4 mm ve clearance)	Valves	2 x 26.5 mm intake / 2 x 23.0 mm exhaust	Wheels and Tir	es man maria a a a a a a a a a a a a a a a a a a	
ve clearance) chaust opens 26 degrees before BDC exhaut closes 22 degrees before BDC front tire 12070 - VR17 tubeless four Dimensions Camshafts 256 degrees Overall length 87.8 inches (2230 mm) Overall width 34.4 inches (875 mm) (over mirrors) Engine oil capacity 4 quarts of SF,SG motor oil Overall width 34.4 inches (875 mm) (over mirrors) Engine oil capacity 4 quarts of SF,SG motor oil Overall width 34.4 inches (875 mm) (over mirrors) Engine oil capacity 4 quarts of SF,SG motor oil Overall width 34.4 inches (875 mm) (over mirrors) Engine oil capacity 4 quarts of SF,SG motor oil Overall width 34.4 inches (875 mm) (over mirrors) Engine oil capacity 4 quarts of SF,SG motor oil Overall width 34.4 inches (875 mm) (over mirrors) Engine oil capacity 4 quarts of SF,SG motor oil Overall width 34.4 inches (875 mm) (over mirrors) Engine oil capacity 4 quarts of SF,SG motor oil Overall width 34.4 inches (875 mm) (over mirrors) Engine oil capacity 4 quarts of SF,SG motor oil Overall width 34.4 inches (875 mm) (over mirrors) Engine oil capacity 4 quarts of SF,SG motor oil Overall width 34.4 inches (875 mm) (over mirrors) Engine oil capacity 4 quarts of SF,SG motor oil Overall width 34.4 inches (875 mm) (over mirrors) Engine oil capacity 4 pure defense 4 pure de	Valve timing	intake opens 10 degrees after TDC	Front wheel	3.50 x 17 MT-H2 cast alloy, 3-spoke U-profile	
chaust opens 26 degrees before BDC chaust opens 26 degrees before TDC chaust opens 26 degrees before TDC chaust of 50 certainst of 50 certains	(measured at 3 mm	intake closes 14 degrees after BDC	Rear wheel	4.50 x 18 MT-H2 cast alloy, 3-spoke U-profile	
Valves per cylinder Cambafats 256 degrees Overall length 87.8 inches (2230 mm)	ve clearance)	exhaust opens 26 degrees before BDC	Front tire		
Engine oil capacity 4 quarts of SF-SG motor oil Overall length ST-S inches (2230 mm) Overall width 34.4 inches (875 mm) (over mirrors)		exhaust closes 22 degrees before TDC	Rear tire	160/60 - VR18 tubeless	
Engine oil capacity 4 quarts of SF,SG motor oil Overall width 34.4 inches (875 mm) (over mirrors) Engine oil filter cuclosed spin—on Micronic filter cartridge Wheelbase 61.6 inches (1565 mm) (without rider) Carburction [fuel injection and electronic ignition Ground clearance 5.5 inches (140 mm) (without rider) Motor Electronics Handlebar width 29.1 inches (740 mm) Fuel demand unleaded, middle—grade premium, 89 (AKI) Steering head angle 63 degrees Fuel damand unleaded, middle—grade premium, 89 (AKI) Steering head angle 63 degrees Fuel capacity 5.2 U.S. gallous including 1.3 gal. reserve Weight—wt 538 lbs. Air Fitter Micronic plate—type element Weight—wt 591 lbs. Charging system 14 V, 33 Amp Alternator (460 W) Maximum load 1058 lbs. gross vehicle weight rating Battery BMW Marce, 25 Amp/h Axie load distribution 49% /51%—unladen 46% /54%—with rider P-ivetrain Available colors 1aary drive helical—cut gears with tensioner Chatch 100 men dry, single plate with displacut spring Gear ratios 110 men dry, single plate with displacut spring and integral torsional damper conclosed driveshaft with two universal joints and integral torsional damper conclosed driveshaft with two universal joints and integral torsional damper conclosed fire with integrated ignition and steering lock - Single key lock system for ignition, steering, fuel cap, seat, storage compartment locks Frame and Suspension telescopic fork with progressive spring character, oil damping with fixed damping rates telescopic fork with progressive spring character, oil damping with fixed damping rates monolever swingarm, patented BMW Paralever shaft drive, variable rebound damping Hazard warning flashers	Valves per cylinder	four	Dimensions		
Engine oil filter cuclosed spin—on Micronic filter cartridge Wheelbase 51.6 inches (1565 mm) (without rider) Carburetion fuel injection and electronic ignition Controlled by Booch Motornic MAA 2.1 Digital Motor Electronics Handlebar width 29.1 inches (700 mm) Fuel demand unleaded, middle—grade premium, 89 (AKI) Steering head angle 30.7 inches (740 mm) Fuel capacity 52 U.S. gallons including J.3 gal. reserve Weight – dry 538 lbs. Air Filter Micronic plate—type element Weight – dry 538 lbs. Air Filter Micronic plate—type element Weight – wet 591 lbs. Charging system 14 V, 33 Amp Alternator (460 W) Maximum load 1058 lbs. gross vehicle weight rating Battery BMW Marcg. 25 Amp/h Axie load distribution 49% /51% – unladen 46% /54% – with rider Charles 100 mm dry, single plate with diaphasm spring Gear ratios Ist gear: 4.49: 4th gear: 1.88:1 2nd gear: 2.96:1 5th gear: 1.61:1 3rd gear: 2.30:1 -Integrated sports fairing with storage compartment -Integrated sports fairing with storage compartment -Integrated sports fairing with storage compartment -Integrated ignition and steering lock -Single key lock system for ignition, steering, fuel cap, seat, storage compartment locks -Frame tubular steel, engine as a structural component -Fra	Camshafts	256 degrees	Overall length	87.8 inches (2230 mm)	
Carburetion fuel injection and electronic ignition Ignition Controlled by Bosoh Motronic MA 2.1 Digital Handlebar width 29.1 inches (700 mm)	Engine oil capacity	4 quarts of SF,SG motor oil	Overall width	34.4 inches (875 mm) (over mirrors)	
Carburetion Ignition	Engine oil filter	cuclosed spin-on Micronic filter cartridge	Wheelbase	61.6 inches (1565 mm) (without rider)	
Ignifina Coat folded by Boseh Motronis MA. 2.1 Digital Motor Electronics Handlebar width 29.1 inches (760 mm)	Carburetion	fuel injection and electronic ignition	Ground clearance	. ==	
Fuel demand unleaded, middle—grade premium, 89 (AKI) Steering head angle 63 degrees Fuel tank aluminum tank with enclosed fuel pump & filter Fuel capacity 5.2 U.S. gallons including 1.3 gal. reserve Weight – dry 538 lbs. Air Filter Micronic plate—type element Weight – wet 591 lbs. Charging system 14 V, 33 Amp Alternator (460 W) Maximum load 1058 lbs. gross vehicle weight rating Battery BMW Marcg, 25 Amp/h Cooling system liquid cooled, controlled via thermostat 49% / 51% — unladen 46% / 54% — with rider Chatch 100 mm dry, single plate with displicate spring Gear ratios 1st gear: 4.49:1 4th gear: 1.88:1 Standard Equipment 3rd gear: 2.96:1 5th gear: 1.61:1 Integrated sports fairing with storage compartment or single key lock system for ignition, steering, fuel cap, seat, storage compartment locks Final drive spiral bevel gears, 2.75:1 ratio (33/12) — Removable passenger seat cover with cushion adjustable in 2 positions Frame tubular steel, engine as a structural component telescopic fork with progressive spring character, oil damping with fixed damping rates Front suspension telescopic fork with progressive spring character, oil damping with fixed damping rates 1 Digital clock Travet / dimensions 5.3 inches / 41.7 mm stanchion tube diameter shaft drive, variable rebound damping 1 Hazard warning flashers	Ignition	controlled by Bosch Motronic MA 2.1 Digital	Scat height		
Fuel tank aluminum tank with enclosed fuel pump & filter Front suspension Front suspension Front suspension Front suspension Freel tank aluminum tank with enclosed fuel pump & filter Front suspension Front suspension Freel tank aluminum tank with enclosed fuel pump & filter Front suspension Freel tank aluminum tank with enclosed fuel pump & filter Front suspension Frame dudy. S. 2 U. S. gallons including 1.3 gal. reserve Weight – dry Weight – dry Weight – dry Weight – dry S38 lbs. 3.74 inches (95 mm) (with rider) 538 lbs. 3.75 line weight – dry 538 lbs. 3.76 inches (95 mm) (with rider) 538 lbs. 3.76 inches (95 mm) (with rider) 538 lbs. 49% / 51% – unladen 46% / 54% – with rider 49% / 51% – unladen 46% / 54% – with rider 49% / 51% – unladen 46% / 54% – with rider 49% / 51% – unladen 46% / 54% – with rider 49% / 51% – unladen 46% / 54% – with rider 49% / 51% – unladen 46% / 54% – with rider 49% / 51% – unladen 46% / 54% – with rider		Motor Electronics	Handlebar width	29.1 inches (740 mm)	
Fuel capacity 5.2 U.S. gallous including 1.3 gal. reserve Weight - dry S38 lbs. Air Filter Micronic plate-type element Weight - wet S91 lbs. Charging system 14 V, 33 Amp Alternator (460 W) Maximum load 1058 lbs. gross vehicle weight rating BMW Mareg. 25 Amp/h Lquid cooled, controlled via thermostat Privetrain Langy drive helical-cut gears with tensioner Chatch 150 mm dry, single plate with disphratu spring Gear ratios 1st gear: 4.49:1 2nd gear: 2.96:1 3rd gear: 2.30:1 Drive system enclosed driveshaft with two universal joints and integral torsional damper enclosed driveshaft with two universal joints and integral torsional damper Frame tubular steel, engine as a structural component Frame and Suspension frame and Suspension tubular steel, engine as a structural component Frame and Suspension tubular steel, such as steel load	Fuel demand	unleaded, middle-grade premium, 89 (AKI)	Steering head angle	63 degrees	
Air Filter Micronic plate—type element Weight — wet 591 lbs. Charging system 14 V, 33 Amp Alternator (460 W) Maximum load 1058 lbs. gross vehicle weight rating Battery BMW Mareg, 25 Amp/h Axle load distribution 49% / 51% — unladen 46% / 54% — with rider Cooling system liquid cooled, controlled via thermostat Available colors 1mary drive helical—cut gears with tensioner Classic black #670 Silk blue #690 Chateb 100 mm d1y, single plate with displinate spring Gear ratios Ist gear: 4.49:1 4th gear: 1.88:1 2nd gear: 2.96:1 5th gear: 1.61:1 3rd gear: 2.30:1 — Integrated sports fairing with storage compartment — Integrated sports fairing with storage compartment — Single key lock system for ignition, steering, fuel cap, seat, storage compartment locks Final drive spiral bevel gears, 2.75:1 ratio (33/12) — Removable passenger seat cover with cushion adjustable in 2 positions Frame tubular steel, engine as a structural component Front suspension telescopic fork with progressive spring character, oil damping with fixed damping rates Travel / dimensions 3.3 inches / 41.7 mm stanchion tube diameter Rear suspension monolever swingarm, patented BMW Paralever shaft drive, variable rebound damping — Heared hand lebar grips Travel / dimensions 3.3 inches / 41.7 mm stanchion tube diameter shaft drive, variable rebound damping — Heared hand tire repair kit — Hazard warning flashers	Fuel tank	aluminum tank with enclosed fuel pump & filter	Front wheel trail	3.74 inches (95 mm) (with rider)	
Charging system 14 V, 33 Amp Alternator (460 W) Battery BMW Mareg. 25 Amp/h Cooling system liquid cooled, controlled via thermostat Axial load distribution 49% / 51% — unladen 46% / 54% — with rider Available colors Available colors Available colors Available colors Available colors Available colors Classic black #670 Silk blue #690 Classic black #670 Si	Fuel capacity	5.2 U.S. gallons including 1.3 gal. reserve	Weight - dry	538 lbs.	
Battery BMW Mareg, 25 Amp/h Cooling system Biquid cooled, controlled via thermostat Colling system Biquid cooled, controlled via thermostat Colling system Cooling	Air Filter	Micronic plate-type element	Weight - wet	591 lbs.	
Cooling system liquid cooled, controlled via thermostat 46% / 54% - with rider	Charging system	14 V, 33 Amp Alternator (460 W)	Maximum load	1058 lbs. gross vehicle weight rating	
Available colors 1nary drive helical-cut gears with tensioner Chatch 100 mm dry, single plate with diaphnam spring Gear ratios 1st gear: 4.49:1 4th gear: 1.88:1 2nd gear: 2.96:1 5th gear: 1.61:1 3rd gear: 2.30:1	Battery	BMW Mareg, 25 Amp/h	Axle load distribution	49% / 51% — unladen	
Chatch 100 mm dry, single plate with displace spring Gear ratios 1st gear: 4.49:1 4th gear: 1.88:1 2nd gear: 2.96:1 5th gear: 1.61:1 3rd gear: 2.30:1 - Integrated sports fairing with storage compartment - Integrated ignition and steering lock - Single key lock system or ignition, steering, fuel cap, seat, storage compartment locks Final drive spiral bevel gears, 2.75:1 ratio (33/12) - Removable passenger seat cover with cushion adjustable in 2 positions Frame tubular steel, engine as a structural component telescopic fork with progressive spring character, oil damping with fixed damping rates - Digital clock Travel/ dimensions 5.3 inches / 41.7 mm stanchion tube diameter monolever swingarm, patented BMW Paralever shaft drive, variable rebound damping - Heard warning flashers	Cooling system	liquid cooled, controlled via thermostat		46% / 54% - with rider	
Gear ratios Ist gear: 4.49:1 4th gear: 1.88:1 2nd gear: 2.96:1 5th gear: 1.61:1 - Integrated sports fairing with storage compartment 3rd gear: 2.30:1 - Integrated ignition and steering lock - Single key lock system for ignition, steering, fuel cap, seat, storage compartment locks and integral torsional damper compartment locks Final drive spiral bevel gears, 2.75:1 ratio (33/12) - Removable passenger seat cover with cusbion adjustable in 2 positions Frame tubular steel, engine as a structural component telescopic fork with progressive spring character, oil damping with fixed damping rates - Digital clock Travet / dimensions 5.3 inches / 41.7 mm stanchion tube diameter Rear suspension monolever swingarm, patented BMW Paralever shaft drive, variable rebound damping - Hazard warning flashers	Γ⁻ivetrain		Available colors	S	
Gear ratios Ist gear: 4.49:1 2nd gear: 2.96:1 5th gear: 1.61:1 3rd gear: 2.30:1 Drive system enclosed driveshaft with two universal joints and integral torsional damper compartment locks Final drive spiral bevel gears, 2.75:1 ratio (33/12) Frame tubular steel, engine as a structural component Front suspension telescopic fork with progressive spring character, oil damping with fixed damping rates Travet / dimensions Rear suspension Ist gear: 4.49:1 5th gear: 1.88:1 -Integrated sports fairing with storage compartment -Integrated sports fairing with storage compartment -Single key lock system for ignition, steering, fuel cap, seat, storage compartment locks -Removable passenger seat cover with cushion adjustable in 2 positions -Fuel capacity and coolant temperature gauges -Heated handlebar grips -Accessory power socket -Digital clock -Integrated iockable rear storage compartments -16 piece tool kit and tire repair kit -Hazard warning flashers	lmary drive	helical-cut gears with tensioner	Classic black #670	Silk blue #690	
2nd gear: 2.96:1 5th gear: 1.61:1 — Integrated sports fairing with storage compartment 3rd gear: 2.30:1 — Integrated ignition and steering lock Drive system — enclosed driveshaft with two universal joints and integral torsional damper — compartment locks Final drive — spiral bevel gears, 2.75:1 ratio (33/12) — Removable passenger seat cover with cushion adjustable in 2 positions Frame — tubular steel, engine as a structural component — Heated handlebar grips Front suspension — telescopic fork with progressive spring character, oil damping with fixed damping rates — Digital clock Travet / dimensions — 5.3 inches / 91.7 mm stanchion tube diameter — integrated lockable rear storage compartments Rear suspension — monolever swingarm, patented BMW Paralever — 16 piece tool kit and tire repair kit — Hazard warning flashers	Clutch	: 180 mm dry, single plate with diaphnam spring			
Jink gear: 2.30:1	Gear ratios	1st gear: 4.49:1 4th gear: 1.88:1	Standard Equip	ment	
Drive system enclosed driveshaft with two universal joints and integral torsional damper compartment locks -Removable passenger seat cover with cushion adjustable in 2 positions -Frame and Suspension Frame tubular steel, engine as a structural component Front suspension telescopic fork with progressive spring character, oil damping with fixed damping rates Travet / dimensions Travet / dimensions Bear suspension monolever swingarm, patented BMW Paralever shaft drive, variable rebound damping -Single key lock system for ignition, steering, fuel cap, seat, storage compartment locks -Removable passenger seat cover with cushion adjustable in 2 positions -Fuel capacity and coolant temperature gauges -Heated handlebar grips -Accessory power socket -Digital clock -Integrated lockable rear storage compartments -16 piece tool kit and tire repair kit -Hazard warning flashers		2nd gear: 2.96:1 5th gear: 1.61:1	- Integrated sports fair	ring with storage compartment	
and integral torsional damper compartment locks Final drive spiral bevel gears, 2.75:1 ratio (33/12) Frame and Suspension Frame tubular steel, engine as a structural component telescopic fork with progressive spring character, oil damping with fixed damping rates Travet / dimensions Travet / dimen		3rd gear: 2.30:1	-Integrated ignition and steering lock		
Frame and Suspension — Removable passenger seat cover with cushion adjustable in 2 positions Frame tubular steel, engine as a structural component — Heated handlebar grips — Accessory power socket — oil damping with fixed damping rates — Digital clock — Integrated lockable rear storage compartments Rear suspension monolever swingarm, patented BMW Paralever — 16 piece tool kit and tire repair kit — Hazard warning flashers	Drive system	enclosed driveshaft with two universal joints	-Single key lock system	m for ignition, steering, fuel cap, seat, storage	
Frame tubular steel, engine as a structural component telescopic fork with progressive spring character, oil damping with fixed damping rates Travel / dimensions 5.3 inches / 41.7 mm stanchion tube diameter to shaft drive, variable rebound damping to the shaft drive, variable rebound damping to the shaft drive, variable rebound damping to the shaft drive is a structural component to the content of the shaft drive and cootant temperature gauges - Heated handlebar grips - Accessory power socket - Digital clock - Integrated lockable rear storage compartments - 16 piece tool kit and tire repair kit - Hazard warning flashers		and integral torsional damper	compartment locks		
Frame tubular steel, engine as a structural component Front suspension telescopic fork with progressive spring character, oil damping with fixed damping rates Travet / dimensions 5.3 inches / 41.7 mm stanchion tube diameter Rear suspension monolever swingarm, patented BMW Paralever shaft drive, variable rebound damping — Hazard warning flashers Heated handlebar grips - Accessory power socket - Digital clock - Integrated lockable rear storage compartments - 16 piece tool kit and tire repair kit - Hazard warning flashers	Final drive	spiral bevel gears, 2.75:1 ratio (33/12)	Removable passenger seat cover with cushion adjustable in 2 position		
Front suspension telescopic fork with progressive spring character. oil damping with fixed damping rates — Digital clock — Integrated lockable rear storage compartments Rear suspension monolever swingarm, patented BMW Paralever shaft drive, variable rebound damping — Hazard warning flashers	Frame and Suspension]		
oil damping with fixed damping rates - Digital clock - Integrated lockable rear storage compartments Rear suspension monolever swingarm, patented BMW Paralever shaft drive, variable rebound damping - Hazard warning flashers	Frame	tubular steel, engine as a structural component	– Heated handlebar grips		
Travet / dimensions 5.3 inches / 41.7 mm stanchion tube diameter — integrated lockable rear storage compartments Rear suspension monolever swingarm, patented BMW Paralever — 16 piece tool kit and tire repair kit — Hazard warning flashers	Front suspension	telescopic fork with progressive spring character,	- Accessory power socket		
Rear suspension monolever swingarm, patented BMW Paralever — 16 piece tool kit and tire repair kit shaft drive, variable rebound damping — Hazard warning flashers	~··	oil damping with fixed damping rates	– Digital clock		
shaft drive, variable rebound damping - Hazard warning flashers	Travet / dimensions	5.3 Inches / 41.7 mm stanchion tube glameter	1 -		
	Rear suspension	monolever swingarm, patented BMW Paralever	1		
vel / dimensions 4.7 inches, progressive spring, 5 preload positions Copyright 1992 BMW of North America, Inc., Woodeliff Lake, New Jersey All rights reserved		shaft drive, variable rebound damping	- Hazard warning flashers		
	[™] vel / dimensions	4.7 inches, progressive spring, 5 preload positions	Copyright 1992 BMW of Nort	th America, Inc., Woodcliff Lake, New Jorsey All rights reserved	

1993 BMW K75RT

Proorter: BMW of North America, Inc. Manufacturer: BMW AG. Munich. Germany Mfr's Suggested Retail Price: *\$10,290.00

*Actual Price Determined by Dealer.

Price excludes taxes, license, options, destination and handling charges.				
Engine		Brakes		
Туре	liquid-cooled, four stroke inline 3-cylinder	Brake system	BMW / FAG anti-lock brake system	
Bore z stroke	67.0 mm x 70.0 mm	Front brakes	two 2-piston calipers double action calipers	
Displacement	740 cc	Front rotors	dual 11.2 inch fixed rotor	
Horsepower	70 Bhp @ 8500 rpm	Actuation method	hydraulic, DOT 4 fluid type	
Torque	50.4 lb. – ft. @ 6750 rpm	Rear brake	one double-action 2-piston caliper	
Compression ratio	10.5:1	Rear rotor	single 11.2 inch diameter fixed rotor	
Valve gear	DOHC. chain-driven	Astuation method	bydraulic, DOT + fluid type	
Valves	1 x 34.0 mm intake / 1 x 30.0 mm exhaust	Wheels and Tir	es	
Valve timing	intake opens 5 degrees after TDC	Front wheel	2.50 x 18 MT-H2 cast alloy, Y-spoke, H-profile	
(measured at 3 mm	intake closes 27 degrees after BDC	Rear wheel	2.75 x 17 MT-H2 cast alloy, Y-spoke, H-profile	
че сісагансе)	exhaust opens 28 degrees before BDC	Front tire	100/90V - 18 tubeless	
	exhaust closes 5 degrees before TDC	Rear tire	130/90V - 17 tubeless	
Valves per cylinder	two	Dimensions		
Camsbafts	256 degrees	Overall length	87.8 inches (2230 mm)	
Engine oil capacity	4 quarts of SF,SG motor oil	Overall width	36.2 inches (920 mm) (over mirrors)	
Engine oil filter	enclosed spin-on Micronic filter cartridge	Wheelbase	59.7 inches (1516mm) (without rider)	
Ignition	transistorized breakerless	Ground clearance	5.9 inches (150 mm) (without rider)	
Carburetion	controlled by Bosch L. Jetronic fuel injection	Seat beight	31.9 inches (610 mm)	
		Handlebar width	28.1 inches (715 mm)	
Fuel demand	unleaded, regular grade, 87 (AKI)	Steering head angle	62 degrees, 30 minutes	
Fuel tank	aluminum tank with enclosed fuel pump & filter	Front wheel trail	3.98 inches (101mm) (with rider)	
Fuel capacity	5.2 U.S. gallons including 1.3 gal. reserve	Weight – dry	542 lbs.	
Air Filter	Micronic plate-type element	Weight - wet	595 lbs.	
Charging system	14 V, 33 Amp Alternator (460 W)	Maximum load	1058 lbs. gross vehicle weight rating	
Battery	BMW Mareg, 25 Amp/h	Axle load distribution		
Cooling system	liquid cooled, controlled via thermostat		44% / 56% — with rider	
P-ivetrain		Available colors		
1. mary drive	straight—cut gears with tensioner	Classic black #670	Mystic red #689 Silk blue #690	
Clutoh	165 mm dry, single plate with disphram spring	Asual blue #691		
Gear ratios	1st gear: 4.49:1 4th gear: 1.88:1	Standard Equip	ment	
	2nd gear: 2.96:1 5th gear: 1.67:1	· · · · · · · · · · · · · · · · · · ·	ng with full lower protection and lockable	
	3rd gear: 2.30:1	storage compartment	·	
Drive system	enclosed driveshaft with one universal joint	-Single key lock system for ignition, steering, fuel cap, seat, storage		
	and integral torsional damper	compartment locks		
Final drive	spiral bevel gears, 3.20:1 ratio (32/10)	Rear storage compartment including 16 piece tool kit and tire repair		
Frame and Sus		-Holders for integral touring cases		
Frame	tubular steel, engine as a structural component	-Luggage rack		
Front suspension	telescopic fork with progressive spring character,	-t		
_	oil damping with fixed damping rates	-Digital clock		
Travel / dimensions	5.3 inches / 41.4 mm stanchion tube diameter	- Power accessory socket		
Rear suspension	Patented BMW Monolever swingarm shaft drive	- Dual tone horns		
	with single gas – filled shock			
" vel / dimensions	4.3 inches, progressive spring, 3 preload positions	Copyright 1997 RMW of Now	th America, Inc., Woodeliff Lake, New Jersey All rights reserved	
	Prings o presons positions	- spyriges, 2772 day is or Note	Table 1 to Control Fave 1444 1813by Williams 18561400	

1993 BMW K75S

Importer: BMW of North America, Inc. manufacturer: BMW AG, Munich, Germany Mfr's Suggested Retail Price: *\$9,290.00

*Actual Price Determined by Dealer. Price includes optional ABS.

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

Engine Engine	Engine Brakes Brakes			
Турс	figuid gooled from the tark of the tark			
Bore x stroke	liquid-cooled, four stroke inline 3-cylinder	Brake system	Optional BMW/FAG anti-lock brake system	
	67.0 mm x 70.0 mm	Front brakes	two 2-piston calipers double action calipers	
Displacement	740 cc	Front rotors	dual 11.2 inch fixed rotor	
Horsepower	70 Выр @ 8500 грт	Actuation method	hydraulic, DOT 4 fluid type	
Torque	- 50.4 lbft. @ 6750 rpm	Rear brake	one double—action 2—piston caliper	
Compression ratio	10.5:1	Rear rotor	single 11.2 inch diameter fixed rotor	
Valve gear	DOHC, chain-driven	Actuation method	hydraulic. DOT 4 fluid type	
Valves	1 x 34.0 mm intake / 1 x 30.0 mm exhaust	Wheels and Tire	es	
Valve timing	intake opens 5 degrees after TDC	Front wheel	2.50 x 18 MT-H2 cast alloy, Y-spoke, H-profile	
(measured at 3 mm	intake closes 27 degrees after BDC	Rear wheel	3.00 x 17 MT-H2 cast alloy, Y-spoke, H-profile	
(ne clearance)	exhaust opens 28 degrees before BDC	Pront the	100/90V - 18 tubeless	
	exhaust closes 5 degrees before TDC	Rear tire	130/90V - 17 tubeless	
Valves per cylinder	two	Dimensions		
Camshafts	256 degrees	Overali length	87.8 inches (2230 mm)	
Engine oil capacity	4 quarts of SF,SG motor oil	Overall width	33.0 inches (838 mm) (over mirrors)	
Engine oil filter	enclosed spin-on Micronic filter cartridge	Wheelbase	59.7 inches (1516mm) (without rider)	
Ignition	transistorized breakerless	Ground clearance	5.9 inches (150 mm) (without rider)	
Carburetion	controlled by Bosch L-Jetronic fuel injection	Seat height	31.9 inches (810 mm)	
		Handlebar width	25.6 inches (650 mm)	
Fuel demand	unleaded, regular grade, 87 (AKI)	Steering head angle	62 degrees, 30 minutes	
Fuel tank	aluminum tank with enclosed fuel pump & filter	Front wheel trail	3.98 inches (101mm) (with rider)	
Fuel capacity	5.2 U.S. gallous including 1.3 gal. reserve	Weight — dry	400 lbs., + 20 lbs for AB5	
Air Filter	Micronic plate-type element	Weight - wet	517 lbs. + 26 lbs. for ABS	
Charging system	14 V, 33 Amp Alternator (460 W)	Maximum load	1058 lbs. gross vehicle weight rating	
Battery	BMW Mareg, 25 Amp/h	Axle load distribution	46% / 54% — unladen	
Cooling system	liquid cooled, controlled via thermostat		43% / 57% - with rider	
Drivetrain		Available colors		
aary drive	straight-cut gears with tensioner	Classic black #670 Mystic red #689 Silk blue #690		
Clutch	165 mm dry, single plate with diaphram spring	Astral blue #691		
Gear ratios	1st gear: 4.49:1 4th gear: 1.88:1	Standard Equip	ment	
	2nd gear: 2.96:1 5th gear: 1.67:1	-Integral sports fairin	g with engine spoiler	
	3rd gear: 2.30:1	-Rear storage compartment including 16 piece tool kit and tire repair kit		
Drive system	enclosed drivespalt with one universal joint	- Single Key lock system for ignition, steering, fuel cap and seat locks		
	and integral torsional damper	- Digital clock		
Final drive	spiral bevel gears, 3.20:1 ratio (32/10)	-Hazard warning flashers		
Frame and Sus	pension	-Power accessory socket		
Frame	tubular steel, engine as a structural component	-Dual tone borns		
Front suspension	telescopic fork with progressive spring character.			
	oil damping with fixed damping rates			
Travel / dimensions	5.3 inches / 41.4 mm stanchion tube diameter			
Rear suspension	Patented BMW Monolever swingarm shaft drive			
	with single gas-filled shock			
Travel / dimensions	4.3 inches, progressive spring, 3 preload positions	Copyright 1992 BMW of Nort	h America, Inc., Woodcliff Lake, New Jersey All rights reserved	
 				

1993 BMW K75

Invoorter: BMW of North America, Inc. nufacturer: BMW AG, Munich, Germany، Mfr's Suggested Retail Price: *\$6,590.00

*Actual Price Determined by Dealer. Price does not include optional ABS.

Price excludes taxes, l	icense, options, destination and handling charges.			
Fngine		Brakes		
Туре	liquid-cooled, four stroke inline 3-cylinder	Brake system	Optional BMW/FAG anti-lock brake system	
Bore x stroke	67.0 mm x 70.0 mm	Front brakes	two 2-piston calipers double action calipers	
Displacement	740 cc	Front rotors	dual 11.2 inch fixed rotor	
Horsepower	. 70 Bhp @ 8500 rpm	Actuation method	hydraulic, DOT 4 fluid type	
Torque	50.4 lbft. @ 6750 rpm	Rear brake	one double—action 2—piston caliper	
Compression ratio	10.5:1	Rear rotor	single 11.2 inch diameter fixed rotor	
Valve gear	DOHC, chain-driven	Actuation method	hydraulic, DOT 4 fluid type	
Valves	1 x 34.0 mm intake / 1 x 30.0 mm exhaust	Wheels and Tir	es - 1 - 2 - 1 - 1 - 1	
Valve timing	intake opens 5 degrees after TDC	Front wheel	2.50 x 18 MT-H2 cast alloy, Y-spoke, H-profile	
(measured at 3 mm	intake closes 27 degrees after BDC	Rear wheel	2.75 x 17 MT-H2 cast alloy, Y-spoke, H-profile	
've elearance)	exhaust opens 28 degrees before BDC	Front tire	100/90 v - 18 tubeless	
	exhaust closes 5 degrees before TDC	Rear tire	130/90V - 17 tubeless	
Valves per cylinder	two	Dimensions		
Camshafts	256 degrees	Overall length	87.4 inches (2220 mm)	
Engine oil capacity	4 quarts of SF,SG motor oil	Overall width	35.4 inches (900 mm) (over mirrors)	
Engine oil filter	enclosed spin-on Micronic filter cartridge	Wheelbase	59.7 inches (1516mm) (without rider)	
Ignition	transistorized breakerless	Ground clearance	5.9 inches (150 mm) (without rider)	
Carburction	controlled by Bosch L-Jetronic fuel injection	Seat height	29 9 inchec (760 mm)	
		Handlebar width	28.1 inches (715 mm)	
Fuel demand	unicaded, regular grade, 87 (AKI)	Steering head angle	62 degrees, 30 minutes	
Fuel tank	alumioum tank with enclosed fuel pump & filter	Front wheel trail	3.98 inches (101mm) (with rider)	
Fuel capacity	3.2 U.S. gailous including 1.3 gal. reserve	Weight - dry	450 lbs., + 26 lbs for ABS	
Air Filter	Micronic plate - type element	Weight - wet	500 lbs. + 26 lbs. for ABS	
Charging system	14 V, 33 Amp Alternator (460 W)	Maximum load 1058 lbs. gross vehicle weight rating		
Battery	BMW Mareg, 25 Amp/h	Axle load distribution	: 46% / 54% — unladen	
Cooling system	liquid cooled, controlled via thermostat		43% / 57% – with rider	
Drivetrain		Available color	s	
Lary drive	straight-cut gears with tensioner	Classic black #670	Mystic red #689 Silk blue #690	
Clutch	165 mm dry, single plate with diaphram spring	Actral blue #601	•	
Gear ratios	1st gear: 4.49:1 4th gear: 1.88:1	Standard Equip	oment	
	2nd gear: 2.96:1 Sth gear: 1.67:1	-Knee cushions with	integrated side bezels	
	3rd gear: 2.30:1	-Rear storage compar	rtment including 16 piece tool kit and tire repair kit	
Ditve system	enclosed drivesnan with one universal joint		m tor ignition, steering, tuel cap and seat locks	
	and integral torsional damper	-Foam handlebar grips		
Final drive	spiral bevel gears, 3.20:1 ratio (32/10)	- Hazard warning flashers		
Frame and Sus	pension	-Power accessory socket		
Frame	tubular steel, engine as a structural component	-Digital elock		
Front suspension	telescopic fork with progressive spring character,		İ	
	oil damping with fixed damping rates			
Trave! / dimensions	5 3 inches / 41 4 mm stanchion tube diameter]		
Rear suspension	Patented BMW Monolever swingarm shaft drive			
<u> </u>	with single gas - filled shock			
Travel / dimensions	4.3 inches, progressive spring, 3 preload positions	Copyright 1992 BMW of Nor	th America, Inc., Woodcliff Lake, New Jersey All rights reserved	
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1993 BMW R100R

in porter: BMW of North America, Inc. h.unufacturer: BMW AG, Munich, Germany Mfr's Suggested Retail Price: *\$8,240,00

*Actual Price Determined by Dealer.

Engine Brakes Brake system B	Price excludes taxes.	license, options, destination and handling charges.			
Type air—cooled, four stroke, opposed 2—cylinder Front brakes two 4—pitton calipers, angular wear compe Displacement 950 cc Front brakes two 4—pitton calipers, angular wear compe Displacement 950 cc Front brakes two 4—pitton calipers, angular wear compe Displacement 950 cc Front brakes two 4—pitton calipers, angular wear compe Displacement 950 cc Front brakes two 4—pitton calipers, angular wear compe Displacement 950 cc Front brakes two 4—pitton calipers, angular wear compe Displacement 950 cc Front wheat 12 inch floating rotors Manual of the displacement Manual on the displacement Man			Brakes		
Deplacement 980 ce Front Strates two 1- pitton calipers, sugalar wear compe deplacement 980 ce Front Strates two 1- pitton calipers, sugalar wear compe deplacement 980 ce Front Strates the Strate one dual 11.2 iceh Dott 10 failul type 10 forque 156.0 B fl. @ 3750 pm	Туре	air-cooled, four stroke, opposed 2-cylinder	Brake system	:	
Displacement 980 cc	Bore z stroke	94.0 mm x 70.6 mm	Front brakes	two 4-piston calipers, angular wear compensation	
Rorapower 58 Bhp @ 5500 rpm	Displacement	980 cc	Front rotors		
Torque 56.0 lbft. @ 3750 rpm Rear drum single 7.9 inch diameter drum	Horsepower	58 Bhp @ 6500 rpm	Actuation method		
Compression ratio S.5:1 Rear drum single 7.9 inch diameter drum	Torque	56.0 lbft. @ 3750 rpm	Rear brake		
Valves pear OHV, push—rol actuated Valves 1 x 42.0 mm intake / 1 x 40.0 mm cchaust Valve tuning (measured at 3 mm	Compression ratio	8.5:1	Rear drum		
Valve timing intake opens 16 degrees before TDC intake closes 44 degrees before BDC eahaust opens 30 degrees before BDC eahaust opens 30 degrees before BDC eahaust opens 30 degrees before BDC Rear wheel 2.50 x 17 MT-H2 patented cross spoke, alle Front tire 110/80V - 18 T tubeless Valves per cylinder two Dimensions Camshafts 306 degrees Camshafts 306 degrees Engine oil capacity 2.6 quarts of SF_SG motor oil Overall length 87.0 inches (2210 mm) Overall length 87.0 inches (2210 mm) Overall width 39.4 inches (1000 mm) (over mirrors) Engine oil filter entricked breakerless Ground clearance 6.7 inches (1700 mm) (with rider) Engine oil filter two 12 mm Ring construtt valently with manual choke via variable fuel/air enrichment Fuel demand unleaded, regular grade, 87 (AKI) Fuel tank steel tank, twin fuel valves with integral strainers Fuel tank at lank, twin fuel valves with integral strainers Fuel capacity 5.7 U.S. galions including 1.0 gal. reserve Weight - dry 434 lbs. Air Filter Micronic plate-type element Charging system 14 V, 17 Amp Alternator (240 W) Maximum load 26 lbs. gross vehicle weight rating Battery BW Marcg, ZS Amp/h Cooling system air cooled, partial flow oil cooler assisted Drivetrain 1ary drive belical - cut gears with tensioner Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic	Valve gear	OHV. push -rod actuated	Actuation method		
(measured at 3 mm intake closes 44 degrees before BDC exhams upons 30 degrees before BDC exhams upons 30 degrees before BDC. exhams upons 30 degrees after TDC Rear tire 110/80V - 18 T tubeless exhaust closes 4 degrees after TDC Rear tire 140/80V - 17 T tubless Valves per cylinder to Dimen Sions Camsbafts 308 degrees Overall length 37.0 inches (2210 mm) Overall length 39.4 inches (1000 mm) (over mirrors) Engine oil capacity 2.6 quarts of SF,SG motor oil Overall length 39.4 inches (1000 mm) (over mirrors) Engine oil filter enclosed Micronic filter cartridge Wheelbase 58.8 inches (1495 mm) (without rider) Engine oil filter than 77 mm Rings construct—valority with manual choke via variable fuel/air enrichment thoke via variable fuel/air enrichment than the construction than 17 mm Rings construct—valority with manual choke via variable fuel/air enrichment than 18 steel tank, twin fuel valves with integral strainers Fuel demand unleaded, regular grade, 87 (AKI) Steering head angle 61 degrees, 30 minutes Fuel capacity 5.7 U.S. galions including 1.0 gal. reserve Weight—dry 434 lbs. Air Filter Micronic plate—type element Weight—wet 481 lbs. Charging system 14 V, 17 Amp Alternator (240 W) Maximum load 926 lbs. gross vehicle weight rating Battery BMW Marcg, 25 Amp/h Air load distribution 48% / 52% — unladen 44% / 55% — with rider Cooling system air cooled, partial flow oil cooler assisted Privaterian Available Colors Laary drive belical—cut gears with tensioner Classic Black #656 Mystic Red #689 Turquoise Green #669 Single key lock system to rignition, steering, fuel cap and seat lock and integral torsional damper — Single key lock system to rignition, steering, fuel cap and seat lock and integral torsional damper — Single key lock system for ignition, steering, fuel cap and seat lock and integral torsional damper — Single key lock system for ignition, steering, fuel cap and seat lock and integral torsi	Valves	1 x 42.0 mm intake / 1 x 40.0 mm exhaust	Wheels and Tir	es	
Internation intake closes 44 degrees before BDC calculation upons 30 degrees before BDC front tire 110/80V - 18 T tubeless	Valve timing	intake opens 16 degrees before TDC	Front wheel	2.50 x 18 MT-H2 patented cross spoke, allow rim	
calculate opens 30 degrees before BDC exhaust closes 4 degrees after TDC Rear tire 140,80V - 18 T tubeless Rear tire 140,80V - 17 T tubless Rear tire 140,80V - 17 T tubless Dimensions Overall length 37,0 inches (2210 mm) Overall width 39,4 inches (1200 mm) (over mirrors) Engine oil capacity 2.6 quarts of SF,SG motor oil Engine oil capacity 2.6 quarts of SF,SG motor oil Engine oil filter caclosed Micronic filter cartridge Wheelbase 58.8 inches (1495 mm) (with out rider) Ignition transistorized breakerless Ground clearance 6.7 inches (170 mm) (with rider) Paper of 37 mm Ring construct valently with manual chooke via variable fuel/hir earrichment Handlebar width 28.3 inches (720 mm) Fuel demand unleaded, regular grade, 87 (AKI) Steering head angle 61 degrees, 30 minutes Fuel tank steel tank, twin fuel valves with integral strainers Front wheel trail 3.9 inches (99 mm) (with rider) Air Filter Micronic plate- type element Weight - dry 434 lbs. Charging system 14 V, 17 Amp Alternator (240 W) Maximum load 26 lbs. gross vehicle weight rating Battery BMW Marcg, 25 Amp/h Arie load distribution 48% / 52% - unladen 44% / 56% - with rider Privetrain 1 Available colors Clutch 165 mm 4r2, cingle plate with dispharam apring Gear ratios 1st gear: 4.40:1 4th gear: 1.67:1 3rd gear: 2.07:1 - Cylinder protection bars with integraled sidestand - Adjustable high rise handlebar in the manual colors of the species of driveshaft with two universal joints and integral torsional damper - Sitorage compartment with 22 piece tool kit and tire repair kit. Front suspension telescopic fork with progressive spring character, oil damping with fixed damping rates	(measured at 3 mm	intake closes 44 degrees before BDC	Rear wheel		
Valves per cylinder Valves per cylinder place (210 mm) (with rider) Valves pun (without rider) Valves per cylinder place (2000 mm) (with rider) Values per cylinder place (2000 mm) Values pun (with pricers) Values pun (with pricers pun (values) Values pun (with pricers pun (values) Values pun (with pricers pun (values) Values pun (vith pricers) Values pun (vith pricers) Values pun (vith pricers pun (values) Values	o elearance)	exhaust opens 30 degrees before BDC	Front tire		
Cambafts 308 degrees Engine oil capacity 2-6 quarts of SF,SG motor oil Engine oil capacity 2-6 quarts of SF,SG motor oil Engine oil capacity 2-6 quarts of SF,SG motor oil Engine oil capacity 2-6 quarts of SF,SG motor oil Engine oil filter chocked Micronic filter cartridge United transistorized breakerless Ground clearance 6-7 inches (1495 mm) (without rider) Ignition Itransistorized breakerless Ground clearance 6-7 inches (170 mm) (with rider) Carburetion Invo 37 mm Ring construct—valocity with manual chocke via variable fuel/air enrichment Handlebar width 2-8-3 inches (720 mm) Fuel demand Unleaded, regular grade, 87 (AKI) Steering head angle Fuel tank steel tank, twin fuel valves with integral strainers Fuel tank steel tank, twin fuel valves with integral strainers Fuel tank steel tank, twin fuel valves with integral strainers Fuel tank steel tank, twin fuel valves with integral strainers Fuel tank steel tank, twin fuel valves with integral strainers Fuel tank steel tank, twin fuel valves with integral strainers Fuel tank steel tank, twin fuel valves with integral strainers Fuel tank steel tank, twin fuel valves with integral strainers Fuel tank steel tank, twin fuel valves with integral strainers Fuel tank steel tank, twin fuel valves with integral strainers Fuel tank steel tank, twin fuel valves with integral strainers Fuel tank steel tank, twin fuel valves with integral strainers Fuel tank steel tank, twin fuel valves with displayed and steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with steel tank, twin fuel valves with st		exhaust closes 4 degrees after TDC	Rear tire	·	
Engine oil capacity 2.6 quarts of SF,SG motor oil Overall length 39.4 inches (2210 mm) (over mirrors) Engine oil capacity 2.6 quarts of SF,SG motor oil Overall width 39.4 inches (1000 mm) (over mirrors) Engine oil filter enclosed Micronic filter cartridge Wheelbase 58.8 inches (1495 mm) (without rider) Ignition transistorized breakerless Ground clearance 6.7 inches (170 mm) (with rider) Carburction from 72 mm Ring construct—velocity with manual choke via variable fue//air enrichment Handlebar width 28.3 inches (720 mm) Fuel demand unleaded, regular grade, 87 (AKI) Steering head angle 61 degrees, 30 minutes Fuel tank steel tank, twin fuel valves with integral strainers Fuel capacity 5.7 U.S. gallons including 1.0 gal. reserve Weight—dry 434 lbs. Air Filter Micronic plate—type element Weight—dry 434 lbs. Charging system 14 V, 17 Amp Alternator (240 W) Maximum load 266 lbs. gross vehicle weight rating Battery BMW Mareg, 25 Amp/h Axle load distribution 48% / 52% — unladen Cooling system air cooled, partial flow oil cooler assisted Available colors Clutch 165 mm dry, singl- plate with dispheam apping Gear ratios Ist gear: 4.40:1 4tb gear: 1.67:1 2nd gear: 2.86:1 5th gear: 1.50:1 —Cylinder protection bars with integrated sidestand Adjustable high rise handlebars —Colors system ceclosed driveshaft with two universal joints and integral torsional damper —Storage compartment with 22 piece tool kit and tire repair kit. Final drive spiral bevel gears, 3.09:1 ratio (34/11) —Fower accessory socket Fromt suspension telescopic fork with progressive spring character, oil damping with fixed damping rates Overall with largage race -Engine oil cooler	Valves per cylinder	two	Dimensions		
Engine oil capacity 2.6 quarts of SF,SG motor oil Overall width 39.4 inches (1000 mm) (over mirrors) Engine oil filter enclosed Micronic filter cartridge Wheelbase 58.8 inches (1495 mm) (with out rider) Ignition transistorized breakerless Ground clearance 6.7 inches (170 mm) (with rider) Fund 72 mm Ring construct—velocity with manual choke via variable fuel/air enrichment Handlebar width 28.3 inches (720 mm) Fuel demand unleaded, regular grade, 87 (AKI) Fuel tank steel tank, twin fuel valves with integral strainers Fuel capacity 5.7 U.S. galions including 1.0 gal, reserve Weight—dry 434 lbs. Charging system 14 V, 17 Amp Alternator (240 W) Maximum load 926 lbs. gross vehicle weight rating Battery BMW Mareg, 25 Amp/h Cooling system 41 V, 17 Amp Alternator (240 W) Maximum load 926 lbs. gross vehicle weight rating 48% / 52% — unladen 44% / 56% — with rider 15-Yvetrain 1-2nd gear: 2.86:1 Stager: 4.40:1 4th gear: 1.67:1 2nd gear: 2.86:1 Stager: 4.50:1 - Cylinder protection bars with integrated sidestand 3rd gear: 2.67:1 - Cylinder protection bars with integrated sidestand - Adjustable high rise handlebars - Single key lock system for ignition, steering, fuel cap and seat lock and integral torsional damper - Storage compartment with 22 piece tool kit and tire repair kit. Frame tubular steel, double front downtubes Front suspension telescopic fork with progressive spring character, oil damping with fixed damping rates	Camshafts	308 degrees			
Engine oil filter cuclosed Micronic filter cartridge Wheelbase 58.8 inches (1495 mm) (without rider) Ignition transistorized breakerless Ground clearance 6.7 inches (170 mm) (with rider) Carburetion two 37 mm Ring conctant—velocity with manual choke via variable fuel/air enrichment Handlebar width 28.3 inches (1720 mm) Fuel demand unleaded, regular grade, 87 (AKI) Steering head angle 61 degrees, 30 minutes Fuel tank steel tank, twin fuel valves with integral strainers Fuel capacity 5.7 U.S. galions including 1.0 gal, reserve Weight—dry 434 lbs. Air Filter Micronic plate—type clement Weight—dry 434 lbs. Charging system 14 V, 17 Amp Alternator (240 W) Maximum load 926 lbs. gross vehicle weight rating Battery BMW Mareg, 25 Amp/h Axle load distribution 48% / 55% — unladen Cooling system air cooled, partial flow oil cooler assisted Privetrain Privetrain Laary drive belical—cut gears with tensioner Clutch 165 mm dry, single plate with disphrama spring Gear ratios Ist gear: 4.40:1 4th gear: 1.67:1 2nd gear: 2.86:1 5th gear: 1.50:1 — Cylinder protection bars with integrated sidestand — Adjustable high rise handlebars Drive system cuclosed driveshaft with two universal joints and integral torsional damper — Storage compartment with 22 piece tool kit and tire repair kit. Frame and Suspension telescopic fork with progressive spring character, oil damping with fixed damping rates Ground clearance 6.7 inches (170 mm) (with rider) 21. Each height 23.1.5 inches (1900 mm) Bandlebar 28.3 inches (120 mm) 32. inches (120 mm) 4.44 lbs. Axile load distribution 48% / 55% — unladen 48% / 55% — unladen 48% / 55% — with rider Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black #656 Mystic Red #689 Turquoise Green # Classic Black	Engine oil capacity	1 ·	<u>~</u>		
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Drive system enclosed driveshaft with two universal joints and integral torsional damper — Storage compartment with 22 piece tool kit and tire repair kit. Final drive spiral bevel gears, 3.09:1 ratio (34/11) — Power accessory socket Frame and Suspension — Dual seat with luggage rack Frame tubular steel, double front downtubes — Dual front disc brakes Front suspension telescopic fork with progressive spring character, oil damping with fixed damping rates					
Drive system enclosed driveshaft with two universal joints and integral torsional damper — Storage compartment with 22 piece tool kit and tire repair kit. Final drive spiral bevel gears, 3.09:1 ratio (34/11) — Power accessory socket Frame and Suspension — Dual seat with luggage rack Frame tubular steel, double front downtubes — Dual front disc brakes Front suspension telescopic fork with progressive spring character, oil damping with fixed damping rates					
and integral torsional damper Final drive spiral bevel gears, 3.09:1 ratio (34/11) Frame and Suspension Frame tubular steel, double front downtubes Front suspension telescopic fork with progressive spring character, oil damping with fixed damping rates - Storage compartment with 22 piece tool kit and tire repair kit. - Power accessory socket - Dual seat with luggage rack - Dual front disc brakes - Engine oil cooler	Drive system	+ - 	-1		
Final drive spiral bevel gears, 3.09:1 ratio (34/11) Frame and Suspension — Dual seat with luggage rack Frame tubular steel, double front downtubes — Dual front disc brakes Front suspension telescopic fork with progressive spring character, oil damping with fixed damping rates	article by broad				
Frame and Suspension — Dual seat with luggage rack Frame tubular steel, double front downtubes — Dual front disc brakes Front suspension telescopic fork with progressive spring character, oil damping with fixed damping rates	Final drive				
Frame tubular steel, double front downtubes — Dual front disc brakes Front suspension telescopic fork with progressive spring character, oil damping with fixed damping rates — Engine oil cooler					
Front suspension telescopic fork with progressive spring character, oil damping with fixed damping rates	_				
oil damping with fixed damping rates		· · · · · · · · · · · · · · · · · · ·			
	riont suspension		- Engine oil cooler		
T1/3// EAL F. 1.1	T1/1/2				
Travel/dimensions 5.9 inches / 41.4 mm stanchion tube diameter	_				
Rear suspension Patented BMW Paralever swingarm shaft drive	weat suspension				
with single gas – filled shock		· · · · · · · · · · · · · · · · · · ·			
T vel / dimensions 4.3 inches, progressive spring, 6 preload positions Copyright 1992 BMW of North America, Inc., Woodcliff Lake, New Jersey All rights reserve	vel / dimensions	4.3 inches, progressive spring, 6 preload positions	Copyright 1992 BMW of Nort	h America, Inc., Woodcliff Lake, New Jersey All rights reserved	

1993 BMW R100GS

In porter: BMW of North America, Inc. Manufacturer: BMW AG, Munich, Germany Mfr's Suggested Retail Price: *\$7,790.00

*Actual Price Determined by Dealer.

	cense, options, destination and handling charges.	T	
Engine	William Committee of the Committee of th	Drakes	
Турс	air-cooled, four stroke, opposed 2-cylinder	Brake system	
Bore z stroke	94.0 mm x 70.6 mm	Front brakes	one 2-piston double action caliper
Displacement	980 cc	Front rotors	single 11.2 inch floating rotor
Horsepower	58 Bhp @ 6500 rpm	Actuation method	bydraulic, DOT 4 fluid type
Torque	56.0 lbft. @ 3750 rpm	Rear brake	one drum brake with dual brake shoes
Compression ratio	8.5:1	Rear drum	single 7.9 inch diameter drum
Valve gear	OHV, push-rod actuated	Actuation method	howden cable operated
Valves	1 x 42.0 mm intake / 1 x 40.0 mm exhaust	Wheels and Tir	es es es es es es es es es es es es es e
Valve timing	intake opens 16 degrees before TDC	Front wheel	1.85 x 21 MT-H2 patented cross spoke, alloy rim
(measured at 3 mm	intake closes 44 degrees before BDC	Rear wheel	2.5 - 17 MT-H2 patented cross spoke, alloy rim
∾ clearance)	exhaust opens 50 degrees before BDC	Front tire	90/90 - 21 T tubeless
	exhaust closes 4 degrees after TDC	Rear tire	130/80 - 17 T tubless
Valves per cylinder	two	Dimensions	A service of the serv
Camshafts	308 degrees	Overall length	90.2 inches (2290 mm)
Engine oil capacity	2.4 quarts of SF,SG motor oil	Overall width	39.4 inches (1000 mm) (over mirrors)
Engine oil filter	enclosed Micronic filter cartridge	Wheelbase	59.6 inches (1513 mm) (without rider)
Ignition	transistorized breakerless	Ground clearance	6.7 inches (170 mm) (without rider)
Carburction	two 32 mm Bing constant—velocity with manual	Seat height	33-5 inobec (850 mm)
	choke via variable fuel/air enrichment	Handlebar width	32.7 inches (830 mm)
Fuel demand	unleaded, regular grade, 87 (AKI)	Steering head angle	62 degrees
Fuel tank	steel tank, twin fuel valves with integral strainers	Front wheel trail	3.9 inches (99 mm) (with rider)
ruel capacity	5.7 U.S. gallons including 1.0 gal, reserve	Weight - dry	434 lbs.
Air Filter	Micronic plate-type element	Weight - wet	485 lbs.
Charging system	14 V, 17 Amp Alternator (240 W)	Maximum load	926 lbs. gross vehicle weight rating
Battery	BMW Marcg, 25 Amp/h	Axle load distribution	
Cooling system	air cooled, partial flow oil cooler assisted		43% / 57% — with rider
Privetrain		Available colors	
1. mary drive	helical—cut gears with tensioner	Avus Black / Yellow #	
Clutch	165 mm dry, cingle plate with disphram spring	Alpine White / Marake	•
Gear ratios	1st gear: 4.40:1 4th gear: 1.67:1	Standard Equip	
	2nd gear: 2.86:1 5th gear: 1.50:1		ng with headlight grill and adjustable windshield
	3rd gear: 2.07:1		- ,
Drive system	enclosed driveshaft with two universal joints	-Adjustable high rise handlebars -Single key lock system for ignition, steering, fuel cap and seat locks	
-	and integral torsional damper	-Low mounted front fender	
Final drive	spiral bevel gears, 3.09:1 ratio (34/11)	- Low mounted front lender - Storage compartment with 22 piece tool kit and tire repair kit.	
Frame and Sus			•
Frame	tubular steel, double front downtubes	- Power accessory socket - Dual seat with luggage rack	
Front suspension	telescopic fork with progressive spring character,	1	
	oil damping with fixed damping rates	- Cylinder protection bars with integrated sidestand - Engine protection plate	
Travel / dimensions	8.8 inches / 40.0 mm stanchion tube diameter	rugge brorection by	att.
Rear suspension	Patented BMW Paralever swingarm shaft drive		
	with single gas—filled shock		
T val / dimensions	· · · · · · · · · · · · · · · · · · ·		
vel / dimensions	7.0 inches, progressive spring, 4 preload positions	Copyright 1992 BMW of Nort	h America, Inc., Woodeliff Lake, New Jersey All rights reserved

1993 BMW R100GS/P-D

າ ກorter: BMW of North America, Inc. Manufacturer: BMW AG, Munich, Germany Mfr's Suggested Retail Price: *\$8,790.00

"Actual Price Determined by Dealer.

Price excludes taxes,	license, options, destination and handling charges.			
Engine		Brakes		
Турс	air-cooled, four stroke, opposed 2-cylinder	Brake system		
Bore x stroke	94.0 mm x 70.6 mm	Front brakes	one 2-piston double action caliper	
Displacement	980 cc	Front rotors	single 11.2 inch floating rotor	
Horsepower	58 Bhp @ 6500 rpm	Actuation method	hydraulic, DOT 4 fluid type	
Torque	56.0 lbft. @ 3750 rpm	Rear brake	one drum brake with dual brake shoes	
Compression ratio	8.5:1	Rear drum	single 7.9 inch diameter drum	
Valve gear	OHV. push—rod actuated	Astuation method	bowden cable operated	
Valves	1 x 42.0 mm intake / 1 x 40.0 mm exhaust	Wheels and Tir		
Valve timing	intake opens 16 degrees before TDC	Front wheel	1.85 x 21 MT-H2 patented cross spoke, alloy rim	
(measured at 3 mm	intake closes 44 degrees before BDC	Rear wheel	2.5 - 17 MT-H2 patented cross spoke, alloy rim	
ie elearauce)	exhaust opens 50 degrees before BDC	Front tire	90/90 - 21 T tubeless	
	exhaust closes 4 degrees after TDC	Rear tire	130/80 - 17 T tubless	
Valves per cylinder	two	Dimensions	The second secon	
Camshafts	308 degrees	Overall length	90.2 inches (2290 mm)	
Engine oil capacity	2.4 quarts of SF,SG motor oil	Overall width	39.4 inches (1000 mm) (over mirrors)	
Engine oil filter	enclosed Micronic filter cartridge	Wheelbase	59.6 inches (1513 mm) (without rider)	
Ignition	transistorized breakerless	Ground clearance		
Carburetion	two 37 mm Ring constant velocity with manual	Seat beight	6.7 inches (170 mm) (without rider)	
	choke via variable fuel/air enrichment	Handlebar width	32.7 inches (830 mm)	
Fuel demand	unleaded, regular grade, 87 (AKI)	Steering head angle		
Fuel tank	plastic tank, twin fuel valves with integral strainers		62 degrees	
Fuel capacity	9.25 U.S. gallons including 1.3 gal. reserve	Weight - dry	3.9 inches (99 mm) (with rider) 443 lbs.	
Air Filter	Micronic plate-type element	Weight - wet	520 lbs.	
Charging system	14 V, 17 Amp Alternator (240 W)	Maximum load		
Battery	BMW Marcg, 25 Amp/h	··	926 lbs. gross vehicle weight rating	
Cooling system	air cooled, partial flow oil cooler assisted	Axle load distribution 46% / 54% — unladen		
r-ivetrain	The state of the s	43% / 57% - with rider Available colors		
Framary drive	helical-cut gears with tensioner		······································	
Clutch	165 mm dry, single plate with displacan spring	Alpine White / Flash G		
Gear ratios	1st gear: 4.40:1 4th gear: 1.67:1	Standard Equip		
	2nd gear: 2.86:1			
	3rd gear: 2.07:1	-Frame mounted fairing with headlight grill and adjustable windshield		
Drive system	enclosed driveshaft with two universal joints	-Adjustable high rise handlebars		
/	'	-Single key lock system for ignition, steering, fuel cap and seat locks		
Final drive	and integral torsional damper	-Heated handlebar grips (two heat settings)		
Frame and Sus	spiral bevel gears, 3.09:1 ratio (34/11)	-Storage compartment with 22 piece tool kit and tire repair kit.		
Frame		- Power accessory socket		
	tubular steel, double front downtubes	- Single seat with extended luggage rack		
Front suspension	telescopic fork with progressive spring character.	, ,		
	oil damping with fixed damping rates	-Large engine protection plate		
Travel / dimensions	8.8 inches / 40.0 wm stauchion tube diameter	-Lockable storage compartment in fuel tank (5 liter capacity)		
Rear suspension	Patented BMW Paralever swingarm shaft drive	-Molded hand protectors		
	with single gas—filled shock	Mounting brackets for BMW Touring Cases		
el / dimensions	7.0 inches, progressive spring, 4 preload positions	Copyright 1992 BMW of North America, Inc., Woodelfif Lake, New Jarsey All rights reserved		

1993 BMW R100RT

Importer: BMW of North America, Inc. h._nufacturer: BMW AG, Munich, Germany Mfr's Suggested Retail Price: *\$9,340.00

*Actual Price Determined by Dealer.

Price excludes taxes, l	icense, options, destination and handling charges.		
Engine		Brakes	
Туре	air-cooled, four stroke, opposed 2-cylinder	Brake system	-
Bore x stroke	94.0 mm x 70.6 mm	Front brakes	two 2-piston double action calipers
Displacement	980 cc	Front rotors	dual 11.2 inch fixed rotors
Horsepower	60 Bhp @ 6500 rpm	Actuation method	hydraulic, DOT 4 fluid type
Torque	54.8 lbft. @ 3500 rpm	Rear brake	one drum brake with dual brake shoes
Compression ratio	8.5:1	Rear drum	single 7.9 inch diameter drum
Valve gear	OHV, push-rod actuated	Actuation method	mechanical rod operated
Valves	1 x 42.0 mm intake / 1 x 40.0 mm exhaust	Wheels and Tir	es
Valve timing	intake opens 16 degrees before TDC	Front wheel	2.50 x 18 MT-H2 cast alloy, Y-spoke, H-profile
(measured at 3 mm	intake closes 44 degrees before BDC	Rear wheel	2.50 x 18 MT-H2 cast alloy, Y-spoke, II-profile
·o olosrence)	exhaust opens 56 degrees before BDC	Front tire	90/90H - 18 tubeless
	exhaust closes 4 degrees after TDC	Rear tire	120/90H - 18 tubless
Valves per cylinder	two	Dimensions	The second secon
Camshafts	308 degrees	Overall length	85.60 inches (2175 mm)
Engine oil capacity	3.0 quarts of SF,SG motor oil	Overall width	37.8 inches (960 mm) (over mirrors)
Engine oil filter	enclosed Micronic filter cartridge	Wheelbase	57.0 inches (1447 mm) (without rider)
Ignition	transistorized breakerless	Ground elearance	4.9 inches (125 mm) (with rider)
Carburction	two 32 mm Bing constant-velocity with manual	Seat height	31.8 inches (207 mm)
	choke wa variable fuel/air enrichment	Handlebar width	28.1 inches (714 mm)
Fuel demand	unleaded, regular grade, 87 (AKI)	Steering head angle	62 degrees
Fuel tank	steel tank, twin fuel valves with integral strainers	Front wheel trail	4.7 inches (120 mm) (with rider)
Puct capacity	5.5 U.S. gallons including 1.5 gal, reserve	Weight - dry	472 lbs.
Air Filter	Micronic plate-type element	Weight - wet	516 lbs.
Charging system	14 V, 17 Amp Alternator (240 W)	Maximum load	970 lbs. gross vehicle weight rating
Battery	BMW Mareg, 25 Amp/h	Axle load distribution	47% / 53% — unladen
Cooling system	air cooled, thermostatically controlled oil cooler		44% / 56% — with rider
Drivetrain		Available colors	S
Fary drive	helical—cut gears with tensioner	Classic Black #656	Mystic Red #527 Turquoise Green #528
Clutch	165 mm dry, single plate with disphram spring		•
Gear ratios	1st gear: 4.40:1 4th gear: 1.67:1	Standard Equip	ment
	2nd gear: 2.86:1 5th gear: 1.50:1	-Integrated full touris	ng fairing with locking storage compartments and
	3rd gear: 2.07:1	Adjustable windshield	
Drive system	enclosed driveshaft with one universal joint	-Single key lock system for ignition, steering, fuel cap and seat locks	
	and integral torsional damper	-Storage compartment with 22 piece tool kit and tire repair kit.	
Final drive	spiral bevel gears, 3.00:1 ratio (33/11)	-Power accessory socket	
Frame and Sus	pension	- Dashboard mounted clock and voltmeter	
Frame	tubular steel, double front downtubes	– Dual front disc brakes	
Front suspension	telescopic fork with progressive spring character,	-1	
	oil damping with fixed damping rates	- Detachable BMW Touring Cases with mountings	
Travel / dimensions	6.9 inches / 38.5 mm stanchion tube diameter	-Dual tone horns	-
Rear suspension	Patented BMW Monolever swingarm shaft drive		
<u> </u>	with single gas-filled shock		
T vel / dimensions	4.8 inches, progressive spring, 4 preload positions	Copyright 1992 BMW of Nort	h America, Inc., Woodcliff Lake, New Jersey All rights reserved

1993 BMW R100RS

Fronter: BMW of North America, Inc.
Munufacturer: BMW AG, Munich, Germany
Mfr's Suggested Retail Price: *\$9,340.00

*Actual Price Determined by Dealer.

Price excludes taxes, license, options, destination and handling charges.				
Engine		Drakes		
Туре	air-cooled, four stroke, opposed 2-cylinder	Brake system		
Bore x stroke	94.0 mm x 70.6 mm	Front brakes	two 2-piston double action calipers	
Displacement	980 cc	Front rotors	dual 11.2 inch fixed rotors	
Horsepower	60 Bbp @ 6500 rpm	Actuation method	hydraulic, DOT 4 fluid type	
Torque	54.8 lbft. @ 3500 rpm	Rear brake	one drum brake with dual brake shoes	
Compression ratio	8.5:1	Rear drum	single 7.9 inch diameter drum	
Valve gear	OHV, push-rod actuated	Actuation method	mechanical rod operated	
Valves	1 x 42.0 mm intake / 1 x 40.0 mm exhaust	Wheels and Tir		
Valve timing	intake opens 16 degrees before TDC	Front wheel	2.50 x 18 MT-H2 cast alloy, Y-spoke, H-profile	
(measured at 3 mm	intake closes 44 degrees before BDC	Rear wheel	2.50 x 18 MT-H2 cast alloy, Y-spoke, H-profile	
'e oloarance)	exhaust opens 56 degrees before BDC	Front tire	90/90H - 18 tubeless	
	exhaust closes 4 degrees after TDC	Rear tire	120/90H - 18 tubless	
Valves per cylinder	two	Dimensions		
Camshafts	308 degrees	Overall length	85.60 inches (2175 mm)	
Engine oil capacity	3.0 quarts of SF,SG motor oil	Overall width	30.4 inches (2770 mm) (over mirrors)	
Engine oil filter	enclosed Micronic filter cartridge	Wheelbase	57.0 inches (1447 mm) (without rider)	
Ignition	transistorized breakerless	Ground clearance	4.9 inches (125 mm) (with rider)	
Carburction	two 32 mm Bing constant-velocity with manual	Seat height	31.9 inches (207 mm)	
	choke via variable (uel/air enrichment	Handlebar width	22.9 inches (580 mm)	
Fuel demand	unleaded, regular grade, 87 (AKI)	Steering head angle	62 degrees	
Fuel tank	steel tank, twin fuel valves with integral strainers	Front wheel trail	4.7 inches (120 mm) (with rider)	
Fuel capacity	3.3 U.S. gallons including 1.3 gal. reserve	Weight - dry	472 lbs.	
Air Filter	Micronic plate-type element	Weight - wet	516 lbs.	
Charging system	14 V, 17 Amp Alternator (240 W)	Maximum load	970 lbs. gross vehicle weight rating	
Battery	BMW Marcg, 25 Amp/h	Axle load distribution		
Cooling system	air cooled, thermostatically controlled oil cooler	ALE load distribution	47% / 53% — uniaden 44% / 56% — with rider	
Privetrain	The state of the s	Available colors	- none: .v. + -	
lary drive	helical - cut gears with tensioner	······································		
Clutch	165 mm dry, single plate with disphram opeing	Blue / Silver #999		
Gear ratios	1st gear: 4.40:1 4th gear: 1.67:1	Standard Equip	ment	
	2nd gear: 2.86:1 5th gear: 1.50:1			
	3rd gear: 2.07:1	- Integrated sport - touring fairing with full lower protection		
Drive system	cuclosed driveshatt with one universal joint	-Storage compartment with 22 piece tool kit and tire repair kit.		
, –	and integral torsional damper	- Single key lock system for ignition, steering, fuel cap and seat locks		
Final drive	spiral bevel gears, 3.00:1 ratio (33/11)	-Thermostatically controlled engine oil cooler		
Frame and Sus	· · · · · · · · · · · · · · · · · · ·	Power accessory socket		
Frame	' tubular steel, double front downtubes	- Dual tone horns		
Front suspension	telescopic fork with progressive spring character,	~Dual front disc brake	7a	
Travel / dimensions	oil damping with fixed damping rates			
Rear suspension	Patented BMW Monolever surjugary shaft drive			
	Patented BMW Monolever swingarm shaft drive			
T val / di	with single gas—filled shock			
vel / dimensions	4.8 inches, progressive spring, 4 preload positions	Copyright 1992 BMW of Nort	h America, Inc., Woodcliff Lake, New Jersey All rights reserved	