

2002 BMW F 650 GS

Importer: BMW of North America, LLC.

Manufacturer: BMW AG, Munich, Germany

Mfr.'s Suggested Retail Price: ***\$8,190.00**

*Actual Price Determined by Dealer

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

MSRP includes equalized freight.

| Engine | | Brakes | |
|---|--|---|----------------------------------|
| Type | water-cooled single-cylinder | Brake system | |
| Bore x stroke | 100 mm x 83 mm | Front brakes | 2-piston caliper, floating mount |
| Displacement | 652 cc | Front rotors | single 11.8-inch fixed rotor |
| Horsepower | 50 bhp @ 6500 rpm | Actuation method | hydraulic, DOT 4 fluid type |
| Torque | 44 lb.-ft. @ 5000 rpm | Rear brake | 1-piston caliper, floating mount |
| Compression ratio | 11.5:1 | Rear rotor | single 9.5-inch fixed rotor |
| Valve gear | DOHC, chain-driven with bucket tappets | Actuation method | hydraulic, DOT 4 fluid type |
| Valves | 2 x 36 mm intake / 2 x 31 mm exhaust | Wheels and Tires | |
| Valve timing (measured at 3 mm valve clearance) | intake opens 13 degrees after BDC intake closes 25 degrees after BDC exhaust opens 25 degrees before BDC exhaust closes 13 degrees before TDC | Front wheel | 2.15 x 19 MT, wire-spoked wheel |
| | | Rear wheel | 3.00 x 17 MT, wire-spoked wheel |
| | | Front tire | 100/90 x 19 57 tube-type |
| | | Rear tire | 130/80 x 17 65 tube-type |
| | | Dimensions | |
| Valves per cylinder | 4 | Overall length | 85.6 inches (2175 mm) |
| Engine oil capacity | 2.4 qts of SF, SG or SH motor oil, also w/CC or CD suff. | Overall width | 35.8 inches (910 mm) |
| Engine oil filter | Micronic paper element | Wheelbase | 58.3 inches (1477 mm) |
| Carburetion & Ignition | fuel injection & electronic ignition controlled by BMS Electronic Engine Management | Ground clearance | 8.3 inches (130 mm) |
| | | Seat height | 30.7 inches (780 mm) |
| | | Handlebar width | 30.9 inches (785 mm) |
| Fuel demand | unleaded, premium grade, 91 AKI | Steering angle | 61.9 degrees |
| Fuel tank | plastic tank w/enclosed pump & filter | Front wheel trail | 4.5 inches (113 mm) |
| Fuel capacity | 4.4 U.S. gallons w/ approx. 1 gal. reserve | Weight - dry | |
| Air filter | paper element | Weight - wet | 423 lbs. |
| Charging system | 400 W @ 14V | Maximum load | 837 lbs. GVWR |
| Battery | 12V 12 amp/h | Wheel load | Front = 260 lbs. |
| Cooling system | 50/50 water/anti-freeze mix, single radiator | limits | Rear = 577 lbs. |
| Drivetrain | | Available Colors | |
| Primary drive | straight-cut gear 37 / 72 = 1:1.946 | Deep Black #715 Red #761 Titan Blue Metallic #762 | |
| Clutch | multi-plate in oil bath | Mandarin #803 | |
| Gear ratios | 1st gear: 2.75:1 4th gear: 1.05:1 2nd gear: 1.75:1 5th gear: 0.88:1 3rd gear: 1.31:1 | Standard Equipment | |
| Drive system | endless O-ring roller chain drive 5/8" x 1/4" | -Clock | |
| | | -Centerstand | |
| | | -Sidestand | |
| | | -One key locks | |
| Final drive | 2.937:1 (16 / 47 sprocket / chainwheel) | -Central ignition/steering lock | |
| Frame and Suspension | | Available Accessories | |
| Frame | bridge-type, square-section steel tube w/bolten-on rear section | -Heated handlebar grips | |
| Front suspension | 41 mm telescopic fork w/stabilizer bridge | -Saddlebags and mounts | |
| Travel | 6.7 inches total travel | -Top box (31 liters) | |
| Rear suspension | central spring strut actuated by lever-linkage, basic spring setting and rebound stage damping infinitely variable. | -On-board computer | |
| | | -Engine guards | |
| Travel | 6.5 inches total travel | Copyright 2002 BMW of North America, LLC., Woodcliff Lake, New Jersey All rights reserved | |

2002 BMW F 650 GS ABS

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| Engine | | Brakes | |
|---|---|--|-----------------------------------|
| Type | water-cooled single-cylinder | Brake system | BMW/Bosch antilock braking system |
| Bore x stroke | 100 mm x 83 mm | Front brakes | 2-piston caliper, floating mount |
| Displacement | 652 cc | Front rotors | single 11.8-inch fixed rotor |
| Horsepower | 50 bhp @ 6500 rpm | Actuation method | hydraulic, DOT 4 fluid type |
| Torque | 44 lb.-ft. @ 5000 rpm | Rear brake | 1-piston caliper, floating mount |
| Compression ratio | 11.5:1 | Rear rotor | single 9.5-inch fixed rotor |
| Valve gear | DOHC, chain-driven with bucket tappets | Actuation method | hydraulic, DOT 4 fluid type |
| Valves | 2 x 36 mm intake / 2 x 31 mm exhaust | Wheels and Tires | |
| Valve timing (measured at 3 mm valve clearance) | intake opens 13 degrees after BDC | Front wheel | 2.15 x 19 MT, wire-spoked wheel |
| | intake closes 25 degrees after BDC | Rear wheel | 3.00 x 17 MT, wire-spoked wheel |
| | exhaust opens 25 degrees before BDC | Front tire | 100/90 x 19 57 tube-type |
| | exhaust closes 13 degrees before TDC | Rear tire | 130/80 x 17 65 tube-type |
| | | Dimensions | |
| Valves per cylinder | 4 | Overall length | 85.6 inches (2175 mm) |
| Engine oil capacity | 2.4 qts of SF, SG or SH motor oil, also w/CC or CD suff. | Overall width | 35.8 inches (910 mm) |
| Engine oil filter | micronic paper element | Wheelbase | 58.3 inches (1477 mm) |
| Carburetion & Ignition | fuel injection & electronic ignition controlled by BMS Electronic Engine Management | Ground clearance | 8.3 inches (130 mm) |
| | | Seat height | 30.7 inches (780 mm) |
| | | Handlebar width | 30.9 inches (785 mm) |
| Fuel demand | unleaded, premium grade, 91 AKI | Steering angle | 61.9 degrees |
| Fuel tank | plastic tank w/enclosed pump & filter | Front wheel trail | 4.5 inches (113 mm) |
| Fuel capacity | 4.4 U.S. gallons w/ approx. 1 gal. reserve | Weight - dry | |
| Air filter | paper element | Weight - wet | 425 lbs. |
| Charging system | 400 W @ 14V | Maximum load | 837 lbs. GVWR |
| Battery | 12V 12 Amp/h | Wheel load | Front = 260 lbs. |
| Cooling system | 50/50 water/anti-freeze mix, single radiator | limits | Rear = 577 lbs. |
| Drivetrain | | Available Colors | |
| Primary drive | straight-cut gear 37 / 72 = 1:1.946 | Deep Black #715 Red #761 Titan Blue Metallic #762 | |
| Clutch | multi-plate in oil bath | Mandarin #803 | |
| Gear ratios | 1st gear: 2.75:1 | 4th gear: 1.05:1 | |
| | 2nd gear: 1.75:1 | | |
| | 3rd gear: 1.31:1 | | |
| 5th gear: 0.88:1 | | | |
| Drive system | endless O-ring roller chain drive 5/8" x 1/4" | Standard Equipment | |
| Final drive | 2.937:1 (16 / 47 sprocket / chainwheel) | -Clock | |
| | | -Centerstand | |
| | | -Sidestand | |
| | | -One key locks | |
| | | -Central ignition/steering lock | |
| Frame and Suspension | | Available Accessories | |
| Frame | bridge-type, square-section steel tube | -Heated handlebar grips | |
| | w/bolted-on rear section | -Saddlebags and mounts | |
| Front suspension | 41mm telescopic fork w/stabilizer bridge | -Top box (31 liters) | |
| Travel | 6.7 inches total travel | -On-board computer | |
| Rear suspension | central spring strut actuated by lever-linkage, basic spring setting and rebound stage damping infinitely variable. | -Engine guards | |
| Travel | 6.5 inches total travel | Copyright 2002 BMW of North America, LLC, Woodcliff Lake, New Jersey All rights reserved | |

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| Engine | | Brakes | |
|---|--|---|-----------------------------------|
| Type | water-cooled single-cylinder | Brake system | BMW/Bosch antilock braking system |
| Bore x stroke | 100 mm x 83 mm | Front brakes | 2-piston caliper, floating mount |
| Displacement | 652 cc | Front rotor | single 11.8-inch fixed |
| Horsepower | 50 bhp @ 6500 rpm | Actuation method | hydraulic, DOT 4 fluid type |
| Torque | 44 lb.-ft. @ 5000 rpm | Rear brake | 1-piston caliper, floating mount |
| Compression ratio | 11.5:1 | Rear rotor | single 9.5-inch fixed |
| Valve gear | DOHC, chain-driven with bucket tappets | Actuation method | hydraulic, DOT 4 fluid type |
| Valves | 2 x 36 mm intake / 2 x 31 mm exhaust | Wheels and Tires | |
| Valve timing (measured at 3 mm valve clearance) | intake opens 13 degrees after BDC | Front wheel | 1.60 x 21 MT, wire-spoked wheel |
| | intake closes 25 degrees after BDC | Rear wheel | 3.00 x 17 MT, wire-spoked wheel |
| | exhaust opens 25 degrees before BDC | Front tire | 90/90 x 21 54 tube-type |
| | exhaust closes 13 degrees before TDC | Rear tire | 130/80 x 17 65 tube-type |
| | | Dimensions | |
| Valves per cylinder | 4 | Overall length | 85.6 inches (2175 mm) |
| Engine oil capacity | 2.4 qts of SF, SG or SH motor oil, also w/CC or CD suff. | Overall width | 35.8 inches (910 mm) |
| Engine oil filter | micronic paper element | Wheelbase | 58.6 inches (1489 mm) |
| Carburetion & Ignition | fuel injection & electronic ignition controlled by BMS Electronic Engine Management | Ground clearance | 7.1 inches (180 mm) |
| | | Seat height | 34.3 inches (870 mm) |
| | | Handlebar width | 35.5 inches (901 mm) |
| Fuel demand | unleaded, premium grade, 91 AKI | Steering angle | 61.9 degrees |
| Fuel tank | plastic tank w/enclosed pump & filter | Front wheel trail | 4.9 inches (123 mm) |
| Fuel capacity | 4.4 U.S. gallons w/ approx. 1 gal. reserve | Weight - dry | |
| Air filter | paper element | Weight - wet | 421 lbs. |
| Charging system | 400 W @ 14V | Maximum load | 838 lbs. GVWR |
| Battery | 12V 12 Amp/h | Wheel load limits | Front = 260 lbs. |
| Cooling system | 50/50 water/anti-freeze mix, single radiator | | Rear = 578 lbs. |
| Drivetrain | | Available Colors | |
| Primary drive | straight-cut gear 37 / 72 = 1:1.946 | Desert Blue/Aura White | |
| Clutch | multi-plate in oil bath | | |
| Gear ratios | 1st gear: 2.75:1 | Standard Equipment | |
| | 4th gear: 1.05:1 | | |
| | 2nd gear: 1.75:1 | | |
| | 5th gear: 0.88:1 | | |
| | 3rd gear: 1.31:1 | | |
| Drive system | endless O-ring roller chain drive 5/8" x 1/4" | -Clock -Sidestand -One key locks -Central ignition/steering lock | |
| Final drive | 2.937:1 (16 / 47 sprocket / chainwheel) | | |
| Frame and Suspension | | Available Accessories | |
| Frame | bridge-type, square-section steel tube | -Heated handlebar grips -Saddlebags and mounts -Top box (31 liters) -On-board computer -Engine guards | |
| | w/bolted-on rear section | | |
| Front suspension | 41 mm telescopic fork with stabilizer bridge | | |
| Travel | 8.3 inches total travel | | |
| Rear suspension | central spring strut actuated by lever-linkage, basic spring setting and rebound stage damping infinitely variable. | Copyright 2002 BMW of North America, LLC., Woodcliff Lake, New Jersey All rights reserved | |
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| Carburetion & Ignition | fuel injection & electronic ignition controlled by BMS Electronic Engine Management | Ground clearance | 7.1 inches (180 mm) |
| | | Seat height | 34.3 inches (870 mm) |
| | | Handlebar width | 35.5 inches (901 mm) |
| Fuel demand | unleaded, premium grade, 91 AKI | Steering angle | 61.9 degrees |
| Fuel tank | plastic tank w/enclosed pump & filter | Front wheel trail | 4.9 inches (123 mm) |
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| Battery | 12V 12 Amp/h | Wheel load | Front = 260 lbs. |
| Cooling system | 50/50 water/anti-freeze mix, single radiator | limits | Rear = 578 lbs. |
| Drivetrain | | Available Colors | |
| Primary drive | straight-cut gear 37 / 72 = 1:1.946 | Desert Blue/Aura White #817 | |
| Clutch | multi-plate in oil bath | | |
| Gear ratios | 1st gear: 2.75:1 4th gear: 1.05:1 | Standard Equipment | |
| | 2nd gear: 1.75:1 5th gear: 0.88:1 | -Clock -Sidestand -One key locks -Central ignition/steering lock | |
| | 3rd gear: 1.31:1 | | |
| Drive system | endless O-ring roller chain drive 5/8" x 1/4" | | |
| Final drive | 2.937:1 (16 / 47 sprocket / chainwheel) | | |
| Frame and Suspension | | Available Accessories | |
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