

F 650 CS

2003



The streets are yours.



Motorcycles



You want a bike that's fun to ride, that's all.

Maybe you're getting back into it and need a quick, agile bike you can ride anywhere.

Or perhaps you're a new rider. Someone who wants a motorcycle that's accessible. A zippy little bike to jet around town. Something easy to control, with the right amount of performance.

A bike that doesn't ride you, in other words.



The BMW F 650 CS is such a motorcycle. Its design is fresh. Vibrant. Even a tad quirky. It's so different, so inspired, it's like a work of art. A work of art that just happens to have two wheels, that's all. CS stands for "city sport," and that's what it's meant to do – fit directly into your life and inject it with a blaze of totally new thrills and possibilities.

You don't want a crotch rocket with a zillion horsepower.

You don't want a big, bulky cross-country touring monster.

You don't want a bike with leather tassels, a custom flame paint job or loud chrome pipes.

Sunrise, Miami Beach. Time to call it a night? Nah. Cover: Making traffic stand still in Manhattan.



Dashing in more ways than one.

From wheel to tailpipe, this is one sweet ride. Nothing is out of place. This streamlined machine is jammed with all the style and performance you need. And looks? Forget it – the F 650 CS has a spry, youthful design like no other two-wheeler in town. With its bold, breathtaking appearance, it's a blast of fresh air in a world of drab uniformity and gray pavement.

A sleek front end meets a sturdy chassis where some remarkable, never-before-seen-on-a-motorcycle features are found:



Clean, low maintenance, toothed drive belt.

Optional ABS: Who knows what you'll encounter out there – cabs screeching to a halt, blundering pedestrians, delivery trucks backing up. It's all part of the sensory overload of riding in the city. That's why the added safety of anti-lock brakes is an option on every F 650 CS – a luxury other bikes of this size do not offer.

Hey, where's the gas tank?



Actually, you're sitting on it. See, by putting the tank beneath the seat, handling is made better by lowering the center of gravity, and the space directly behind the handlebars is transformed into a convenient cargo Stuff Bay holder.



This is a totally original, breakthrough design. Now, instead of lugging your helmet around like a bowling ball, you can lock it into a hollowed-out compartment right in the fairing. Or just throw your keys, cell phone and other junk into a small backpack that snaps into the same area. You can even mount a CD player or I-Pod and sound system – complete with waterproof speakers – right onto the luggage rails, and blast tunes as you motor around town. (A good idea leads to all kinds of interesting possibilities, doesn't it?)



This on-board space in the rider's lap has never been used like this before – BMW is the first motorcycle manufacturer to rethink the anatomy of a motorcycle and create something truly revolutionary.

Rides as sweet as it looks.



Don't let that polished exterior fool you – beneath those splashy colors lurks a racy, 50-bhp, single-cylinder engine punching out some serious revs. Whack the throttle and feel that liquid rush of power as you toe-click through the gears and rocket into redline territory. With fuel-injected performance, this puppy can move.

Power delivery is smooth and refined, thanks to a toothed drive belt. This all-new technology – a first for BMW – has some serious benefits. It's quiet, clean and easy to service, and lasts nearly twice as long as a drive chain. The result is a virtually maintenance free final drive. Nice, huh?





All the bike you need.



If the F 650 CS is one thing, it's approachable. Streamlined to have just what you want and not a shred more, it's light, quick and small enough for the intricacies of city riding.

Reduced suspension settings make it easy to sit on and control. Standard seat height is 30 inches, but with a lower seat, and lower profile tires, you can drop the riding position to just 27 inches. Plus, it's lightweight – clocking in at a mere 418 pounds, which means you won't have to struggle to park it or turn it. No, the slight dimensions of the F 650 CS ensure that you'll save your workouts for the gym.

Another originality the F 650 CS offers is removable side panels. Now you can customize the color scheme of the bike and make it look exactly how you want.

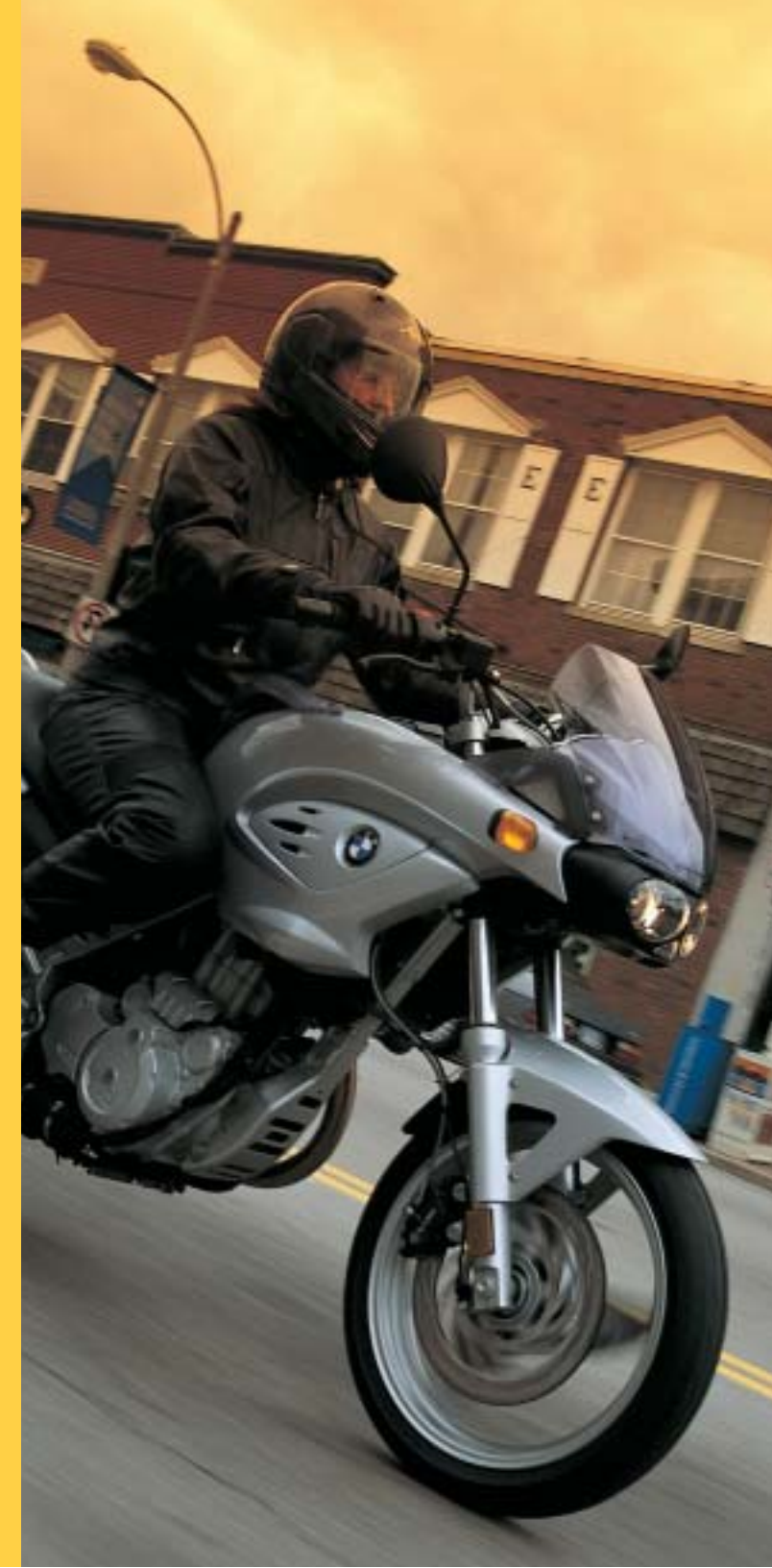


Don't just ride it – use it.

With the F 650 CS, life is rife with possibility: It's designed to interface with any activity you can think of. Dart to the beach. Head to a cafe. Throw a date on the back, squirt through traffic and grab a late dinner. Leave town and eat up some curves. Hit gallery openings, ball games, or maybe even swing by your, um, job. (Remember that?)

So do whatever – just remember that while its uses are many, the F 650 CS was created for one single, solitary reason: To fit directly into the needs of you, the rider.

Hey, why wait any longer? Change your life, and ride like you've always wanted to. Break new ground, on a motorcycle that breaks new ground – the BMW F 650 CS.



COLORS AND SPECIFICATIONS 2003

F 650 CS



Golden Orange Metallic • White aluminum side panels • Dark blue dual seat



Titan Silver Metallic • White aluminum side panels • Black dual seat



Azure Blue Metallic • White aluminum side panels • Dark blue dual seat



Graphite Metallic • White aluminum side panels • Dark blue dual seat

Engine

Type	Water-cooled single-cylinder 4-stroke.
Bore x stroke	100 x 83 mm (3.94 x 3.27 in.)
Displacement	652 cc
Valvetrain	Double overhead camshaft, 4 valves per cylinder.
Horsepower	50 bhp @ 6,800 rpm
Torque	46 lb-ft. @ 5,500 rpm
Compression	11.5:1
Fuel system	Electronic fuel injection.
Ignition system	Electronic ignition.
Engine management	BMW Motronic System. Compact (BMS,C).
Emissions control	3-way catalytic converter (closed system).
Fuel capacity	3.9 gallons including 0.7-gallon reserve (15.0/2.7 liters).
Fuel requirements	Unleaded, premium grade, 91 AKI.

Drivetrain

Clutch	Multi-plate clutch in oil bath.
Gearbox	5-speed manual
Gear ratios	1st: 2.75:1 2nd: 1.75:1 3rd: 1.31:1 4th: 1.05:1 5th: 0.84: 1
Drive system	Toothed drive belt.
Final drive	2.937:1

Suspension

Front	41-mm telescopic fork with stabilizer bridge.
Rear	Single swing arm.
Frame	Single-loop tubular frame.

Brakes

Front	Single 11.8-in. (300-mm) disc brake with 2-piston caliper.
Rear	Single-piston, floating caliper 9.45-in. (240-mm) disc brake.
Actuation	Hydraulic.
Anti-lock	Optional.

Wheels/Tires

Front wheel	3-spoke cast aluminum.
Rear wheel	3-spoke cast aluminum.
Front tire	110/70ZR-17
Rear tire	160/60ZR-17

Dimensions

Overall length	84.4 in. (2142 mm)
Overall width	36 in. (915 mm) with mirrors.
Wheelbase	58 in. (1473 mm)
Seat height	30.7 in. (780 mm) with 160/60ZR-17 rear tire. 29.5 in. (750 mm) with 150/60ZR-17 rear tire and lower seat.
Ground clearance	5.1 in. (133 mm)
Dry weight	389 lb. (175 kg)
Wet weight	418 lb. (188 kg)
Top speed	109 mph (175 km/h)

All specifications and colors subject to change.

Buzzing along at 2002 Track Day,
Louden, New Hampshire.



OPTIONS AND ACCESSORIES

Options (not shown)

ABS

Only the F 650 CS offers the added safety of anti-lock brakes. You won't find this option available on any other motorcycle of its size.

Orange Seat

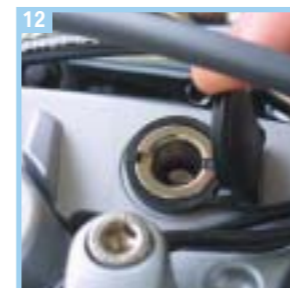
Want yet another splash of color? Consider this add-on to really customize your machine.

Visit your authorized BMW Motorcycle Retailer for additional information. To learn even more about the F 650 CS, visit www.bmwf650cs.com.



Learn to ride on us.

If you want to learn to ride or brush up on your skills, there is no better way to do so than by taking a basic Motorcycle Safety Foundation course. You'll learn comprehensive, on-bike techniques to make riding easier and safer than ever. Contact the Motorcycle Safety Foundation to find a course near you. For the rider training nearest you, call: 1-800-446-9227, or visit us at www.msf-usa.org. BMW reimburses the full cost of the training if you buy a BMW bike within six months of taking the course.



The following accessory is not shown:

BMW Motorcycle Cover

Consult your local BMW Motorcycle Retailer for details on parts, accessories and installation for your F 650 CS motorcycle.

Accessories

1 Front Storage Compartment Bag

Constructed of rugged nylon and 100 percent waterproof, this bag features snap fasteners that allow easy attachment in the front storage compartment. Approximately 12-liter capacity. May also be worn as a backpack.

46 63 7 667 783

2 Front Storage Compartment Hardcase

Ten-liter (approx.) hardcase recesses into the bike's storage compartment in front of the rider so that it does not interfere with the bike's center of gravity. Ideal for storing small items. Lockable and water-resistant lid. Lock can be operated by ignition key. Attaches easily to the bike by a quick-release lever. Features a carrying handle for easy transport. Lock cylinder kit required, sold separately.

Hardcase 71 60 7 664 649
Lock Kit 71 60 7 658 463

3 Helmet And Luggage Holder

This retaining "spider" of three flexible plastic arms with metal inserts and lock helps secure your helmet in the storage compartment. Components have smooth surfaces to prevent scratching helmet. Easy to use.

71 60 7 664 652

4 Hardbox Audio System

Designed after the standard hardbox, this system features weather-resistant loudspeakers and a built-in stereo amplifier unit with speed-dependent or manually controlled volume control. A separate electric power socket and audio connection allow access to portable CD, MC or MD players. Ample room for storing components and gear inside the waterproof hardbox. Listen to the sounds through the loudspeakers or connect directly to your helmet using a special connection. Electrical connecting harness required. Helmet connection and electrical harnesses sold separately. Requires supplemental lock cylinder kit. Consult your local BMW Motorcycle Retailer for installation.

Hardbox Audio System 71 60 7 664 650
Electrical Connection Kit 71 60 7 666 180
Lock Cylinder Kit 71 60 7 658 463
Audio Connection Harness (Helmet) 71 60 7 670 326

5 Audio System Electrical Harness

Enjoy your favorite tunes on the road with the BMW Audio System's helmet headset that requires this electrical connection harness for connecting the system's audio box to the headset.

99 99 0 000 599

6 Soft Case System

A rugged and multi-functional Soft Case System, designed specifically for the active rider of the F 650 CS. Quickly attaches to the motorcycle via a zipper/buckle system. As unique as the bike itself, this case system provides an array of storage pockets that offer a combined total of 62lt./2.2cf. of storage capacity. Color matched to the F 650 CS, these water-resistant cases are perfect for everyday use. Built-in shoulder straps, attachment loops and expandability make this system multi-functional. Easy to install. Sold separately. Requires optional frame-securing strap. Color: Combination of blue and gold.

Main Soft Case (35lt./1.2cf.) 71 60 7 661 382
Expandable Soft Case (16lt./.6cf. - 27lt./1cf.) 71 60 7 661 384
Securing Strap 71 60 7 664 281

7 On-Board Computer

For vital en-route information, the on-board computer displays momentary, average and top speeds, speed comparisons, "Tripmaster" (total distance traveled and part-distance), actual time, stopwatch, alarm and integrated lighting. Mounts on the handlebar for easy access. Portable for use as a clock or alarm. Consult your local BMW Motorcycle Retailer for installation.

71 60 7 664 859

8 Optional Low and Tall Seats

Optional low seats, perfect for riders who prefer a lower riding position. Available in colors: Sepia (tan), Dark Blue and Black. Easy installation. Height: 750mm/29.5 inches.

Low Seat - Sepia 52 53 7 664 025
Low Seat - Dark Blue 52 53 7 664 027
Low Seat - Black 52 53 7 658 377

Special Tall Seat, 810mm/32 inches - approximately 1.5 inches taller than the standard seat. Available in Black.

Tall Seat - Black 52 53 7 671 536

9 Engine Spoiler (Carbon Fiber)

For a sporting look, dress up your F 650 CS with an engine spoiler made of carbon fiber-reinforced plastic (CRP). Bolts easily to mounting points on the bike.

71 60 7 665 497

10 Maintenance/Service Stand

Excellent tool for servicing your motorcycle. Attaches easily by spring-load pins into slots provided under the frame of the F 650 CS. Removable handle for safety and compact storage.

90 88 6 001 620

11 Optical Custom Kits

Customize your F 650 CS by adding all or some of the optional accessories: Oil tank covers, chrome frame and exhaust covers, instrument trim cover and chrome mirrors.

Oval Mirror L or R - (chrome) sold individually 71 60 7 669 834
Instrument Trim Cover 71 60 7 669 839

Chrome Oil Tank Trim Kit (includes L&R panel) 71 60 7 671 143
Frame Cover Kit (chrome) (L&R) 71 60 7 671 144
Exhaust Cover Kit (chrome) 71 60 7 671 145

12 Power Electrical Socket Kit

Provides 12-volt, in-line fuse power for your accessories. Handy and easy way to recharge the battery during storage or off-season. All necessary connections included. Consult your local BMW Motorcycle Retailer for installation.

Socket Kit 71 60 7 664 866
Power plug-in Kit 61 13 1 391 630

13 Anti-Theft Alarm

Alarm features a separate siren that activates the four-way flashers when the bike's position is altered, the battery is disconnected or an attempt is made to start the engine. Two-button remote control operates the alarm from a distance. The alarm can be programmed to several different scenarios, depending on your needs:

- Sound sequence
- Panic alarm
- Tone type
- Automatic activation of the immobilizer
- Automatic activation of the alarm
- Add up to four remote controls
- Internal battery back-up
- Motion detector
- Engine safety switch

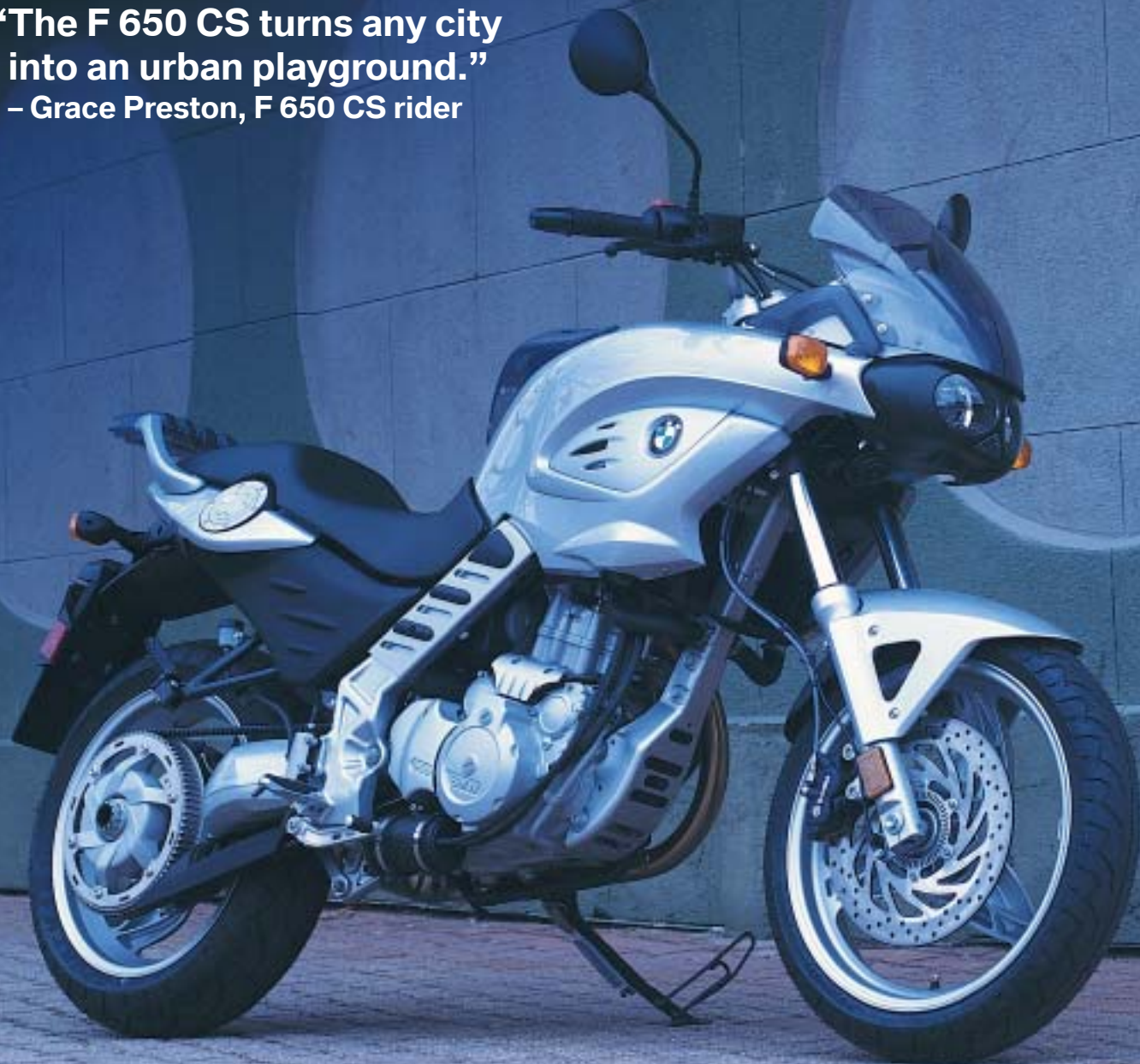
Requires installation kit. Contact your local BMW Motorcycle Retailer for installation and programming.

Alarm System 65 75 2 337 481
Installation Kit 71 60 7 664 850

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**“The F 650 CS turns any city
into an urban playground.”**
– Grace Preston, F 650 CS rider



**“At 4000 rpm, the CS rips – at least by
street-legal four-stroke standards.”**
– *Cycle World*



Motorcycles

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