

The 2003
BMW Z4 roadster



BMW AG

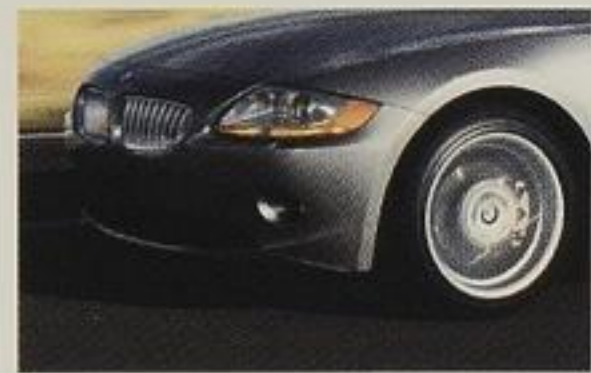
Sky City,
New Mexico
May 2002

BMW Z4 roadster

If you saw it all at once, it could drive your senses wild.

BMW VAG

A roadster is designed to ignite your senses. Your sense of touch: the rush of the wind, the warmth of the sun, the secure fit of a sport seat's bolsters. Sound: from the digital audio system to the fine-tuned roar of the exhaust. Smell: starting with that "new car" scent, to salt air and pine forests. Taste: just about anything tastes better when it's savored in the open air. And finally, your sense of sight: especially when it is filled with something as spectacular as the BMW Z4 roadster.



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The BMW Z4 roadster. Ignite your senses.

WAG



Can you feel your senses revving to redline?



Everything about the Z4 sends your senses surging. So go ahead. Slide into the cockpit, fire up that sweet BMW engine and unleash its lusty exhaust note. Rev the engine and feel the instant response – of your grin.

You'll yearn for that first twisting ribbon of blacktop, that first high-revving upshift, and that first realization that this athletic machine is actually yours.

Shown: Sterling Gray Metallic Z4 3.0i roadster with Black High Performance Leather interior with Brushed Aluminum trim.

We've driven the BMW roadster in a thrilling new direction.
Now it's your turn.

Just glance at the Z4 and you'll immediately spot the classic proportions of a purebred roadster. The long, sweeping hood. The low-slung, rearward seating for two. The short front and rear overhangs. The softtop, open-air cockpit, and steeply raked windshield. However, upon closer inspection, its muscular body reveals

dramatic, new perspectives. BMW's design engineers used twisting planes to create a dance of light and shadow that looks like the flickering of flames. Every time you see this car, you find new highlights, new surprises, and new reasons to stare. And so will everyone else you pass on the road.



The beauty of the horizon is, you never quite reach it.

So keep on driving, and enjoy the ride. With a remarkably rigid, eye-catching roadster body, a highly advanced suspension, and the free-flowing, high-revving power of BMW's six-cylinder inline engines, the 2003 Z4 roadster connects driver and road like few cars ever have.



You're witnessing the dawn
of a new roadster era.





At your service.

The sleek Z4 cockpit is designed with a single focus: to serve you. Sweeping in one easy flow, its uncluttered yet logical design offers all readouts at a glance, and necessary controls at your fingertips. Gauges are strategically placed for quick communication; controls for quick response. Sink into the bolstered sport seat, grip the unique steering wheel, and glance at the instrument cluster recessed within the dash. Even when the sun is up and the top is down, the twin, visor-shaded dials offer a wide range of information, free of glare and reflections. At night, the dash glows invitingly. You stay totally in command at all times. Now run your hand along the upholstery, trim and accent materials that fill the Z4's sculpted interior. You may think you're touching the luxurious Z4 – but in reality, it's touching you.

Shown: Z4 3.0i six-speed manual transmission.



The pursuit of the perfect roadster:
open up our newest chapter.

Building on the winning formula of its predecessor, the Z4 is longer, wider, and brimming with inspired performance enhancements. It starts with BMW's most rigid convertible chassis, ever. Added to that is vehicle-speed-sensitive Electric Power Steering, as well as numerous other inspired advances. Braking comes via upgraded ventilated discs; a more advanced updated traction control system enhances

all-weather handling. The result: drop-top handling driven to new levels of stability – and pleasure. To keep the revs singing through every turn, the Z4 3.0i includes a six-speed manual transmission as standard.¹ And both roadsters offer an optional version of Formula One racing-inspired Sequential Manual Gearbox (SMG), first introduced in the M3.

¹ Z4 2.5i includes standard five-speed manual.

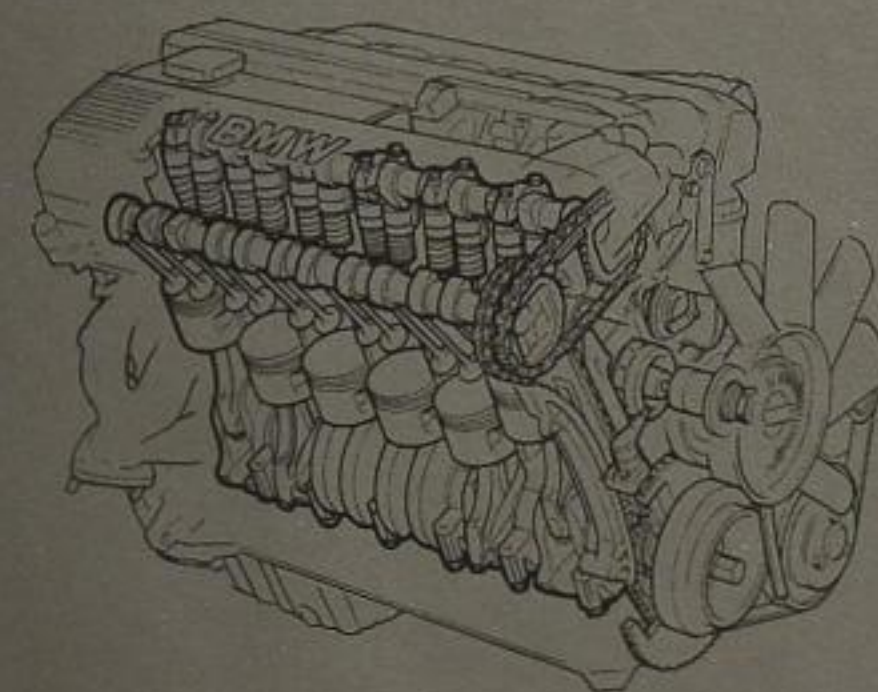


No matter where the road leads, you can drive with confidence: the Z4 roadster provides peace of mind with run-flat tires and a Tire Pressure Monitor, standard. Even if your tire is punctured by a nail, it can still travel up to 90 miles at 50 mph.

Engine,
Technology
and Safety

BMW Z4 roadster





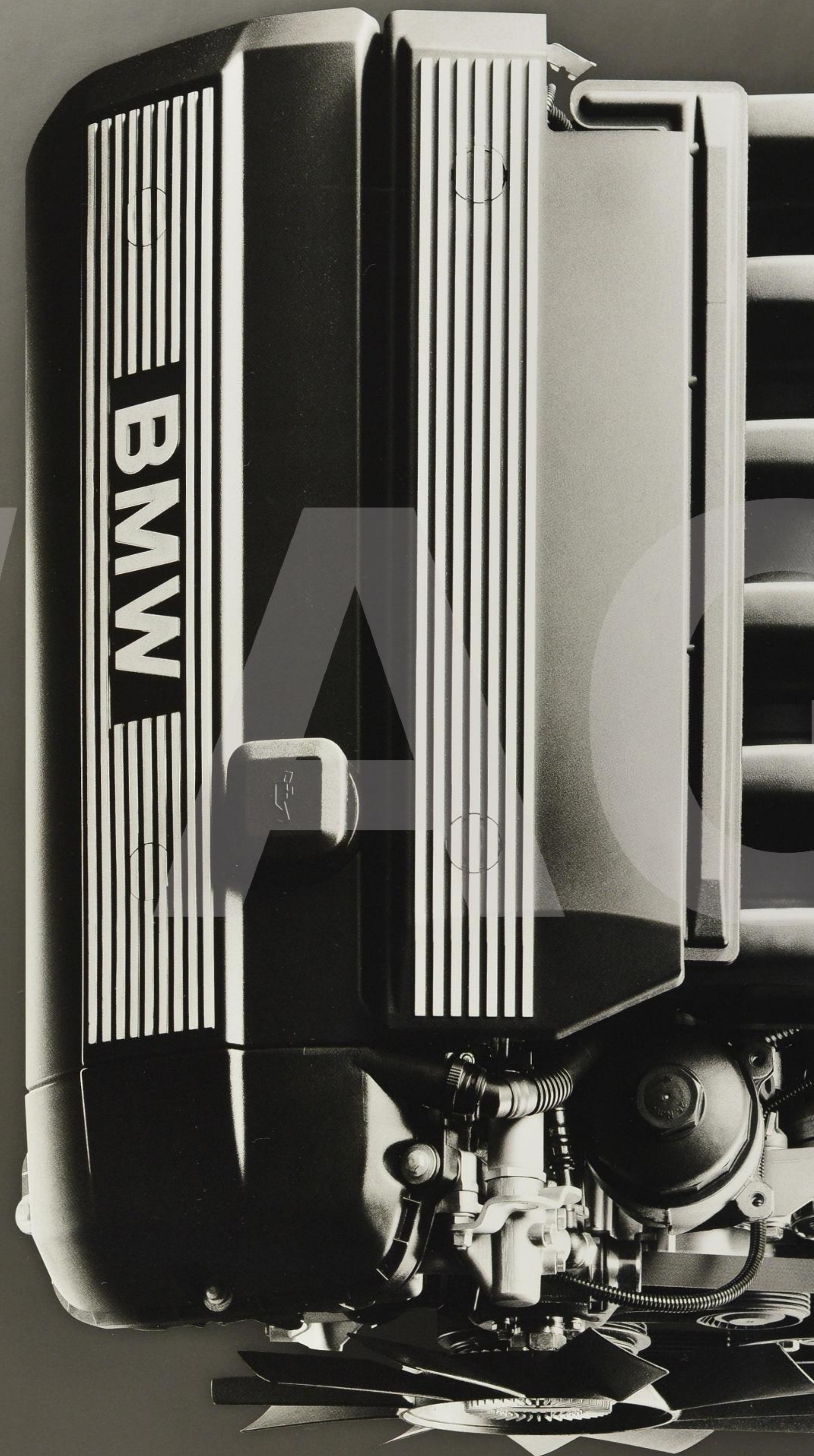
Automotive enthusiasts celebrate the fact that BMW stands for "Bavarian Motor Works." Not only is "Motor" our middle name – it is the heart and soul of every BMW.

It sings every note perfectly.

Ready to hear your new favorite song? Just hit the gas. Your BMW inline six will sing in powerful harmony from idle straight to redline, repeating its full-scale crescendo with every upshift you make. The Z4 2.5i's aggressive 184-hp, 2.5-liter powerplant leaps from 0-60 in a brisk 7.1 seconds,¹ with a top end of 146 mph.² From a standing start, the 3.0i's 225-hp engine reaches 60 mph in 5.9 seconds¹ on its way to a scintillating 155.² This impressive power is, in part, thanks to Double-VANOS – BMW's "steplessly" variable intake and exhaust valve timing, which enhances the engines' torque, fuel efficiency and emission control. To transfer this low-end torque and top-end power efficiently to the road, Z4 owners get a choice of transmissions. Performance drivers will revel in the crisp, short throws and fast shifts of the Z4 3.0i's standard, six-speed manual gearbox. The Z4 2.5i comes with the universally acclaimed five-speed manual gearbox. Five-speed STEPTRONIC transmission is an option in both models. And you can even shift like a Formula One driver with our optional six-speed SMG (Sequential Manual Gearbox), a variant of the type used in the M3. A quick flip of the paddles above the steering wheel sends you surging through the gears – without operating a clutch. Or, if you prefer, just tap the center-console-mounted shift lever rearward for upshifts and forward for downshifts. And for more leisurely driving, or in heavy traffic, select automatic mode. With automatic transmissions, a "Sport" button makes fuller use of the engine's power for even quicker acceleration. But no matter which engine and transmission you choose, the Z4 sings in perfect harmony.

¹ Preliminary data. Obey speed laws and always wear safety belts.

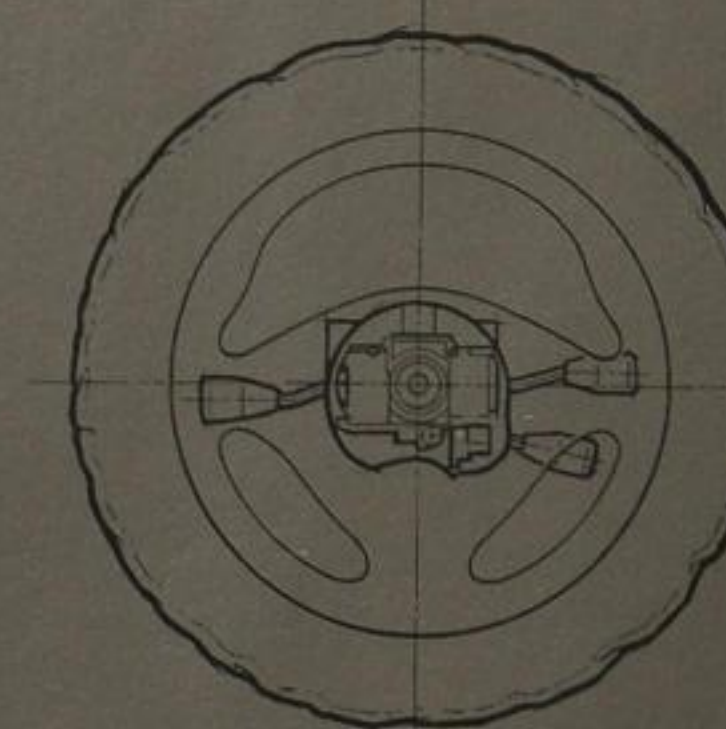
² Top speed limited electronically.



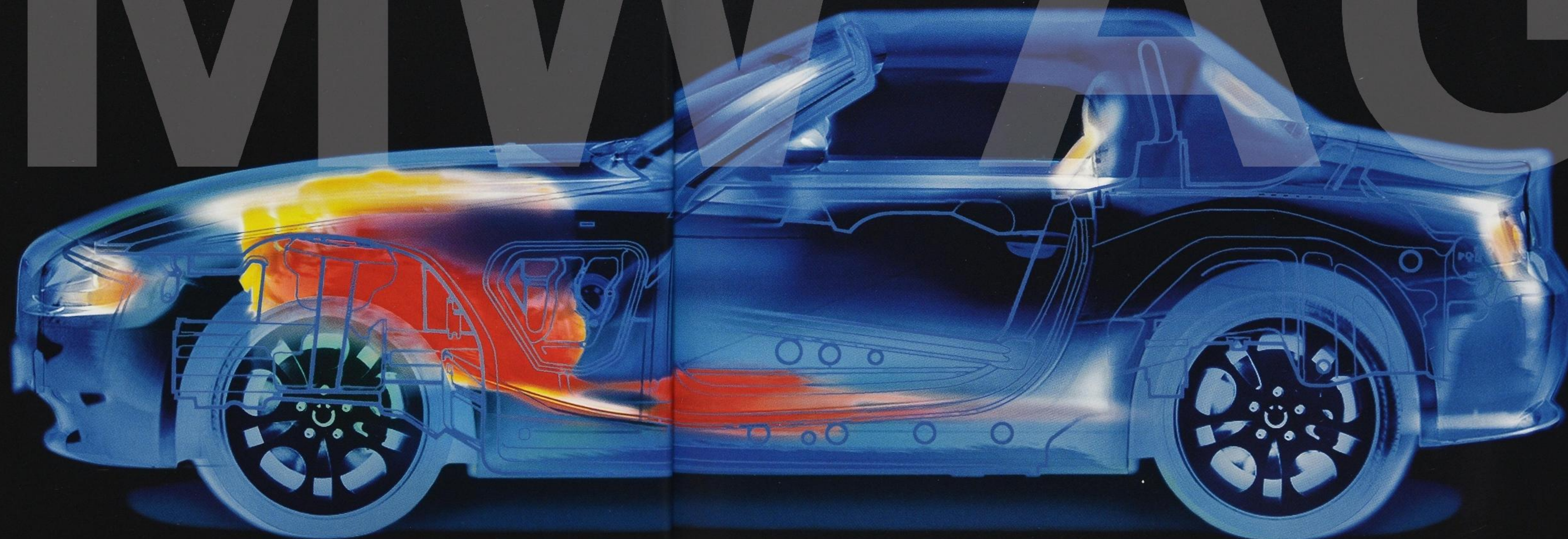
Just like its advanced safety features, many of the Z4's most important parts are hidden from sight – unless viewed through infrared photography. Here, high-resolution infrared detectors supply information on its temperature distribution – so the hotter parts of the Z4 glow orange and yellow.

The inside story on world-class safety features.

If you thought the Z4 was stunning on the outside, look deeper into its safety features. Nestled within its ultra-rigid chassis – a protective shell made from high-tensile steel – lies some of the world's most sophisticated safety technology. It all starts with BMW's revolutionary ISIS (Intelligent Safety and Information System), introduced in the 2002 7 Series. In the first milliseconds of a crash, sensors assess the direction and severity of impact; instantaneously calculate the best deployment strategy; then activate the optimal combination of passive safety features in proper sequence. Once activated, safety features, such as the innovative Active Knee Protection, inflate with the precise air pressure required to protect you and your passenger.



To maximize Z4 occupant protection in the case of an impact, front airbags have a firmer deployment at high speeds, softer at low speeds, and earlier when the occupant is not wearing a safety belt. Airbags are designed not to deploy when the passenger seat is unoccupied, helping to reduce repair costs.

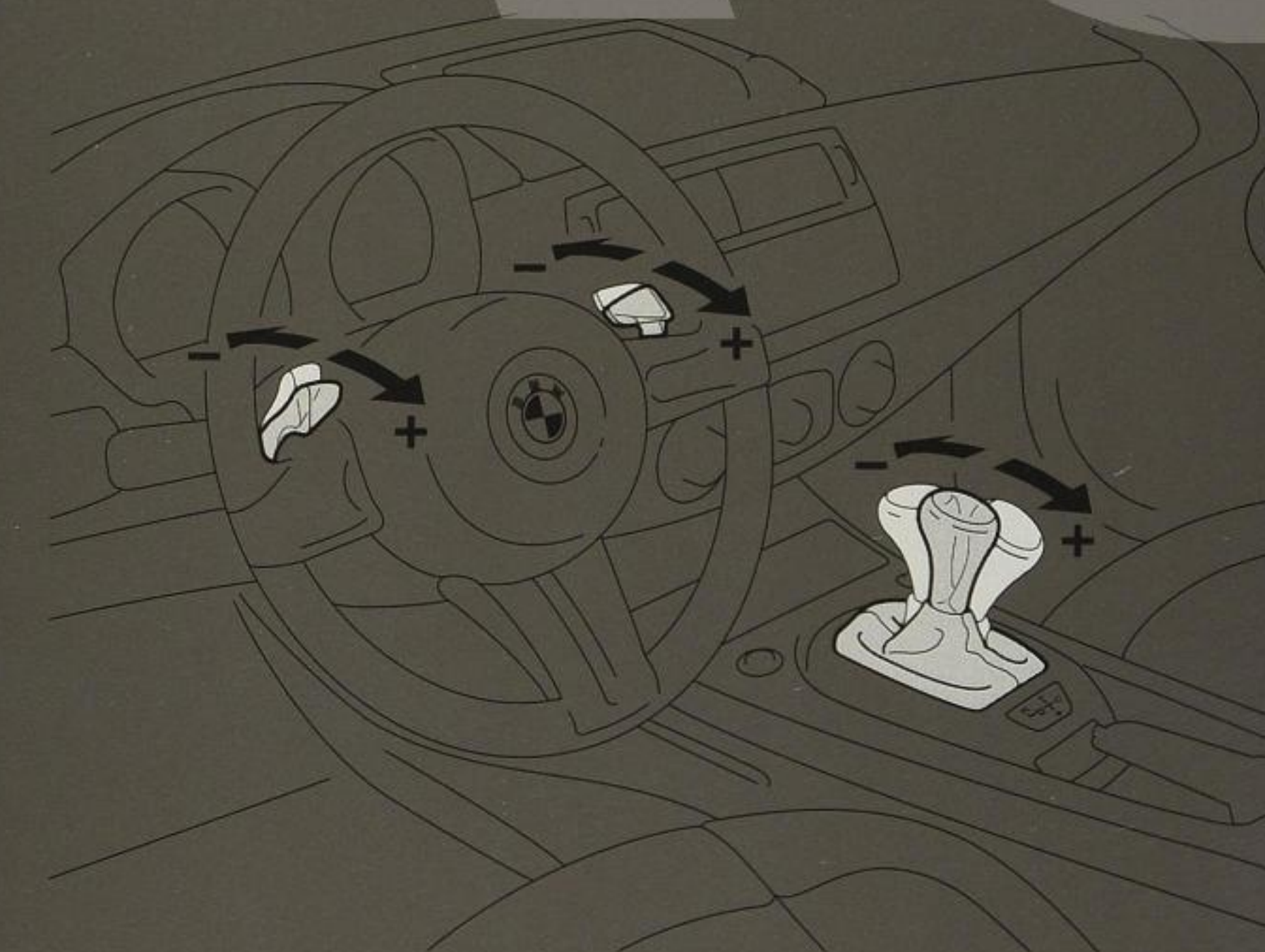




With SMG, manual transmission technology shifts into high gear.

Sequential Manual Gearbox, or SMG, is one of the most exciting performance features offered on the Z4 roadster.* Derived from technology used in Formula One racecars, SMG allows you to shift gears more easily and quickly than ever – without using a clutch. There are three ways to shift: in the quickest mode, your hands never leave the steering wheel, but shift by tapping the small paddles located just behind it – towards you for upshifts, away from you for downshifts. For those who prefer more traditional shifting, the knob on the center console can be pulled back to upshift, and pushed forward to downshift. In slow-moving traffic or poor weather, you can select Automated mode, which leaves SMG to do the shifting. And thanks to BMW technology, the engine never over-revs – even when you forget to shift. So whether you're wringing the most out of the Z4 roadster on a high-speed country switchback, or leisurely cruising the boulevard, SMG adds to your driving pleasure.

*Optional on Z4 2.5i and 3.0i; requires Sport Package. Available as of April 2003 production.

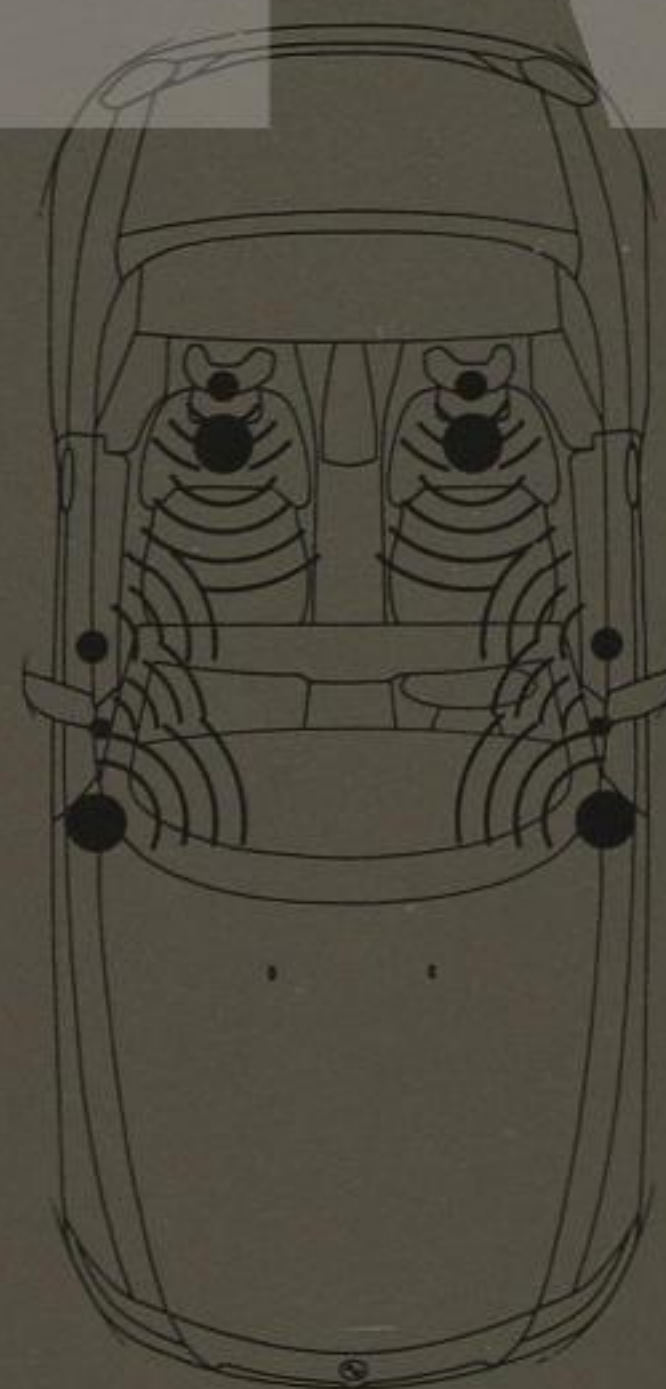


With SMG, you can shift up or down without a clutch, using paddles located behind the steering wheel or a shift knob on the center console. You can also select Automated mode, which lets SMG shift for you.

The word "lost" just became obsolete.

Forget pulling over for directions or driving in circles. The Z4's optional Navigation System is like your all-seeing, all-knowing co-pilot. Combining information from Global Positioning System (GPS) satellites, wheel-speed sensors and a nationwide map of the U.S., the navigation system continually calibrates your precise location, then shows and tells you the best way to your destination.* It can escort you across America on a single DVD. Day to day, you'll use it to reach restaurants, business appointments and social engagements, hotels, shopping malls, gas stations, BMW centers and more. In emergency situations, it's your direct route to the nearest police station or hospital.

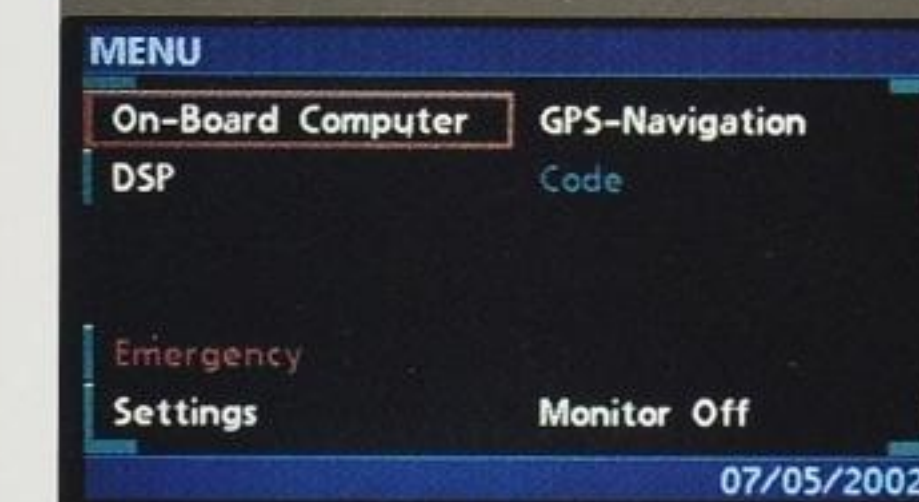
*Performance is limited by the degree of detail on the map database DVD. Currently, many major metropolitan areas are mapped in fine detail, but not all roads have been digitized. A DVD covering the U.S. is included. See your authorized BMW center for details.



The BMW AM/FM stereo audio system features 10 strategically placed speakers. Two speakers are located in the footwells, two in the door panels, two tweeters in the mirror triangles, and two midrange and two bass behind the seats.



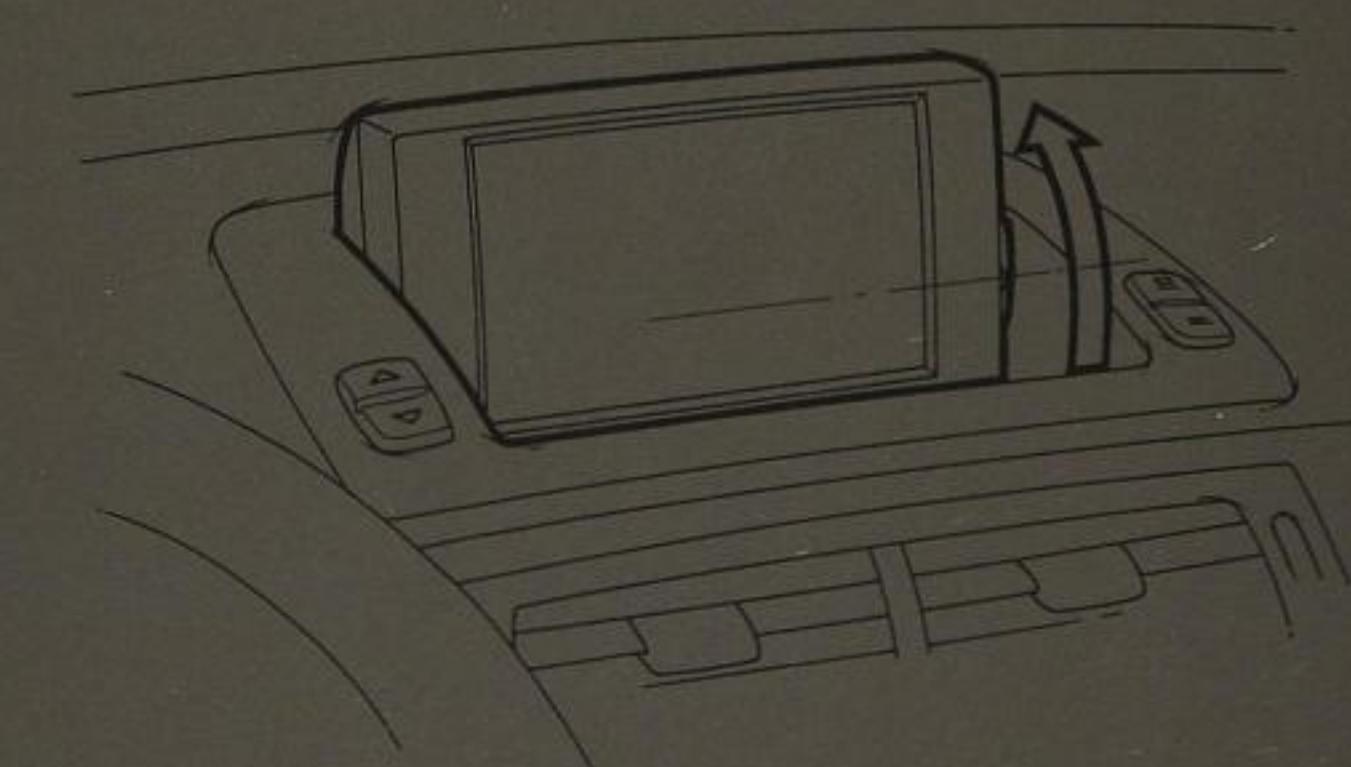
The navigation system includes an anti-glare, 16:9 ratio monitor. Travel directions are provided by computer voice, indicator arrows, or map.



The navigation system includes an upgraded multi-function on-board computer. Need emergency assistance? The system can calculate and display the Z4's location, so others can be told where you are.



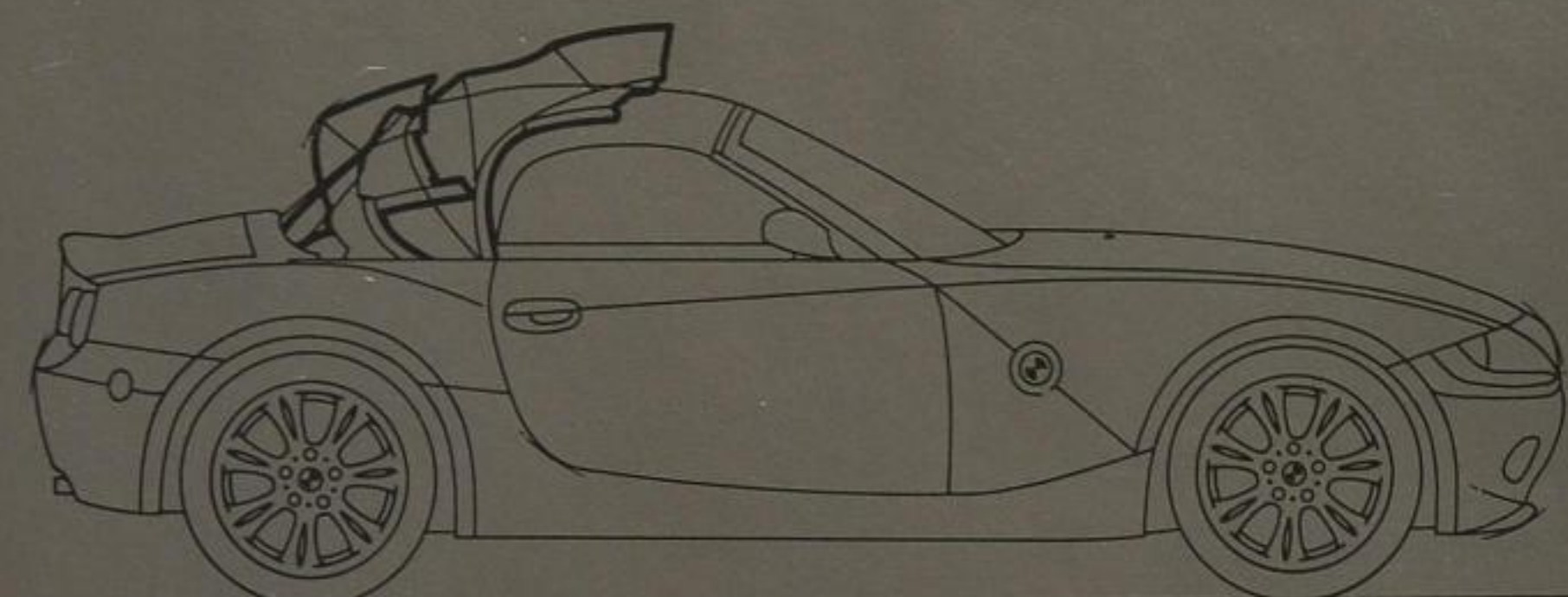
In Z4's equipped with the optional premium audio system, the Digital Sound Processor and seven-band equalizer can be adjusted to your taste through the monitor.



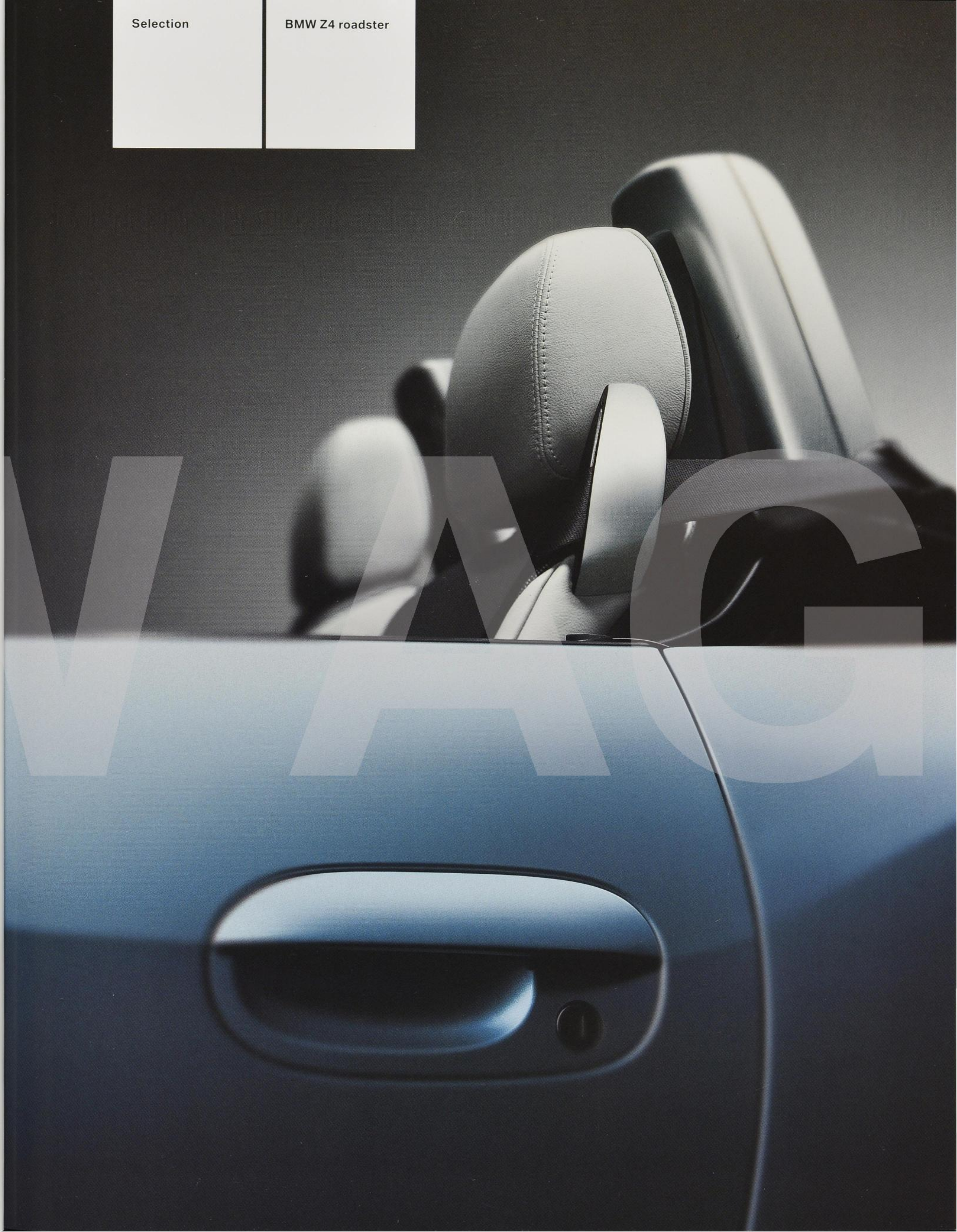
The monitor, which pops up from the dash, can be pivoted horizontally for clear viewing. When not in use, it retracts back down, out of sight.

Selection

BMW Z4 roadster



At your whim, the Z4 cockpit can open to the heavens – just press a button. The optional, fully lined power softtop glides smoothly back, folding neatly into the sculpted Z4 silhouette. Even the standard manual top is easier than ever to operate: you can release or lock it with just one hand. When the Z4's softtop is folded, the trunk remains spacious enough to hold two golf bags. When the softtop is closed, its empty storage shelf can be raised for added cargo space, while the heated glass rear window opens a clear view rearward.





E

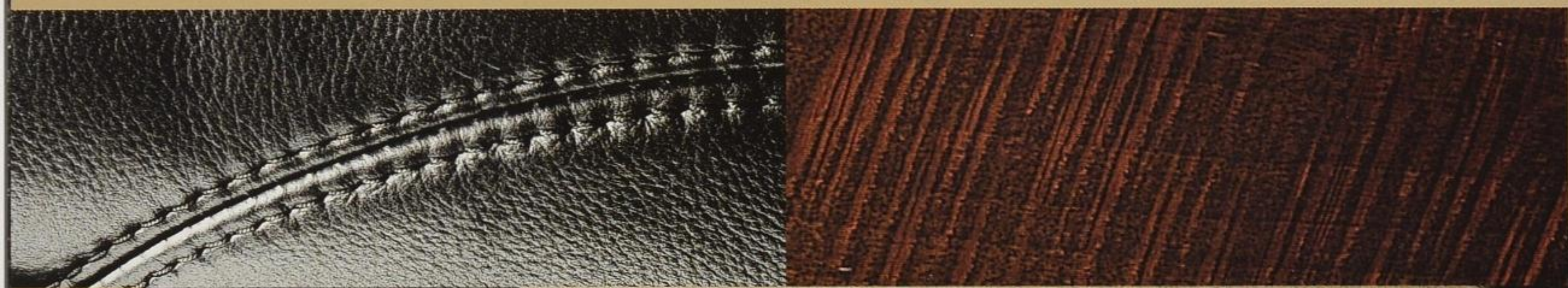
AG

The fabric of dreams.

High-quality materials, excellent ergonomics, harmonious color combinations – every square inch of the Z4 roadster's interior was designed with meticulous attention to detail, creating an environment that is a symphony for the senses. But you'll have to experience that for yourself.

High
Performance
Leather

Seats upholstered in supple High Performance Leather (std. in Z4 3.0i, opt. in 2.5i) turn the cockpit of the Z4 roadster into an oasis of luxury. Complement the rich look with high-tech Brushed Aluminum trim, or with warm, High-Gloss Sycamore Wood trim. An interior upholstered in Extended High Performance Leather (opt. in Z4 3.0i) lavishes the elegantly stitched seats in glove-soft leather, as well as the door panels, sun visors and windshield frame.



034
035

Extended High Performance Leather upholstery:
Dream Red



Extended High Performance Leather upholstery:
Beige



Extended High Performance Leather upholstery:
Black



High Performance Leather upholstery:
Dream Red



High Performance Leather upholstery:
Beige



High Performance Leather upholstery:
Black



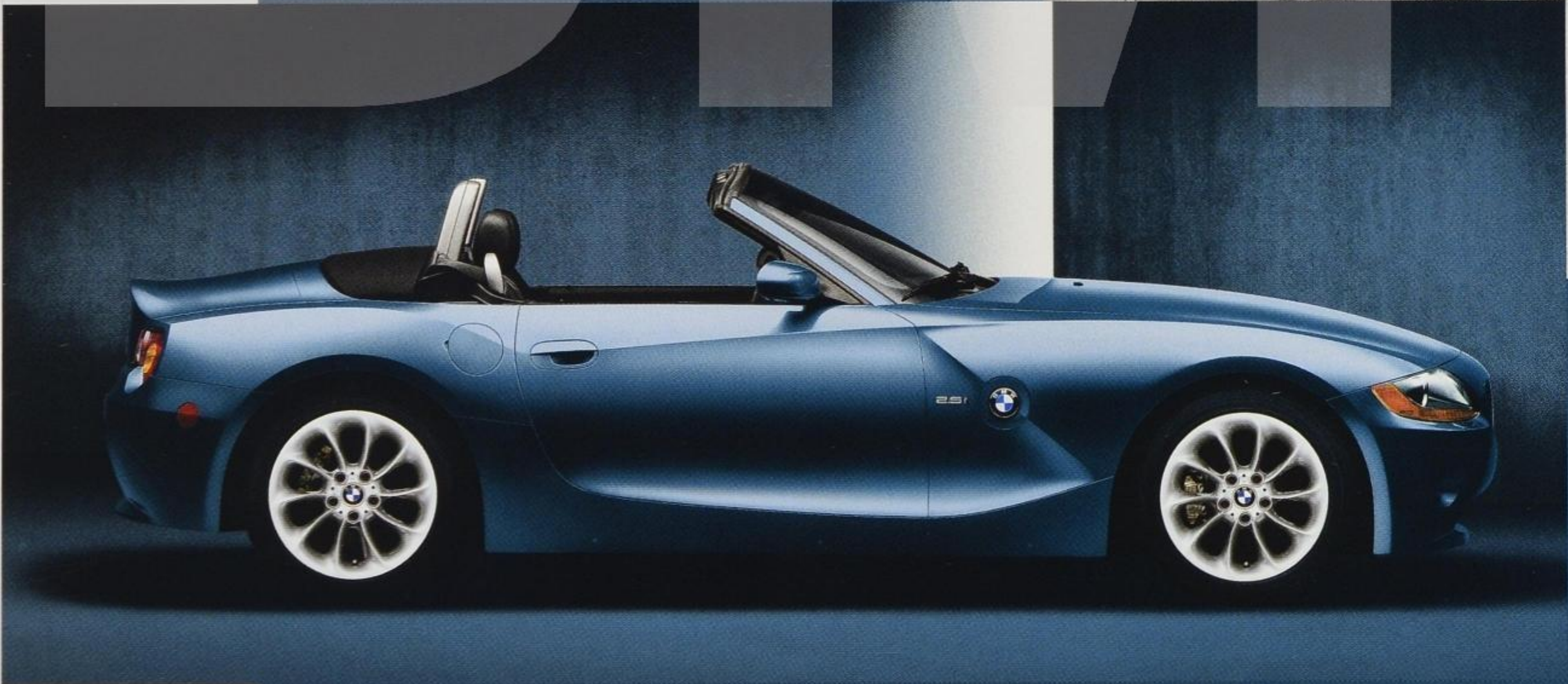
Interior trim:
Brushed Aluminum



Interior trim:
Sycamore High-Gloss Wood



- Active Sport Cloth/Leather upholstery:
Maldives Blue
- Active Sport Cloth/Leather upholstery:
Pearl Gray
- Interior trim:
Brushed Aluminum
- Interior trim:
Sycamore Wood High-Gloss



Active Sport

The Z4 roadster never ceases to excite your senses. This bold, Active Sport upholstery unites the luxurious feel of High Performance Leather side bolsters with a handsome, comfortable cloth that's similar in feel to athletic materials. Optional in the Z4 2.5i, it's available in combinations of Pearl Gray or Maldives Blue leather and two-tone cloth.

Innovation

All about BMW

Inspiration
Dynamics
Efficiency

True quality of life is evident in the little things.

The simplest pleasures often give you the most joy. Like a quiet drive with the top down on a cool summer's night. At BMW, we understand. That's why we appoint the Z4 with only the finest quality leather and materials to please your eye, your touch, and your pursuit of life's finer pleasures. The Z4 is where our passion for quality – and your passion for quality of life – come together.

BMW's "high performance" began in the clouds. It continues in your soul.

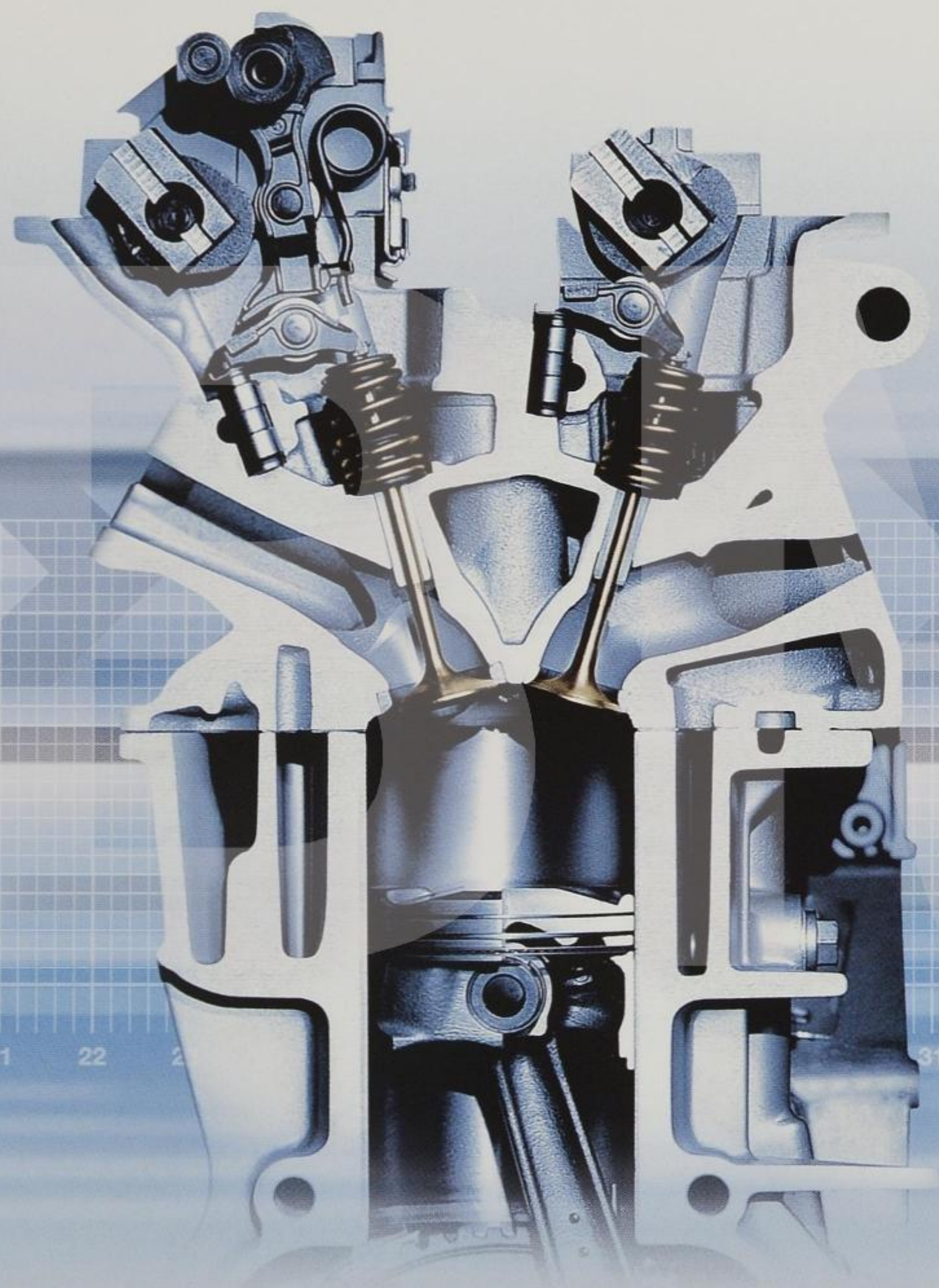
One of the world's greatest automotive marques began in 1917 as a builder of airplane engines – hence BMW's white-and-blue "propeller" logo. Bavarian Motor Works created an airplane engine with a special carburetor that eliminated the previously unavoidable loss of performance at high

altitude. The young company itself was soon flying high. This passion for transforming intractable challenges into revolutionary solutions remains BMW's guiding principle. Whether it's an airplane engine, a motorcycle, a car or Sports Activity Vehicle, BMW has a proud heritage of setting the standard for unforgettably dynamic yet refined performance.

The most valuable fuel in the world: Ideas.

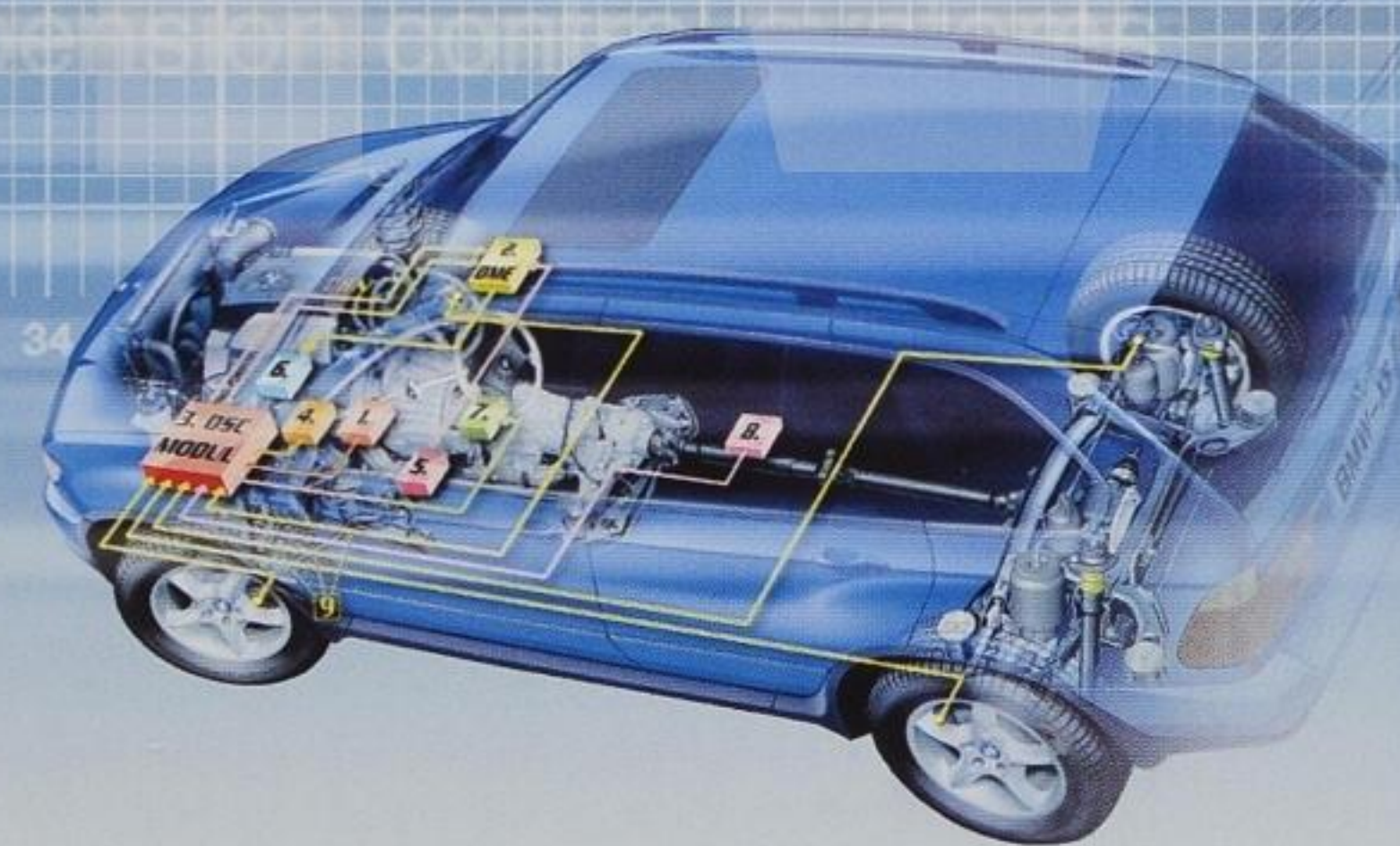
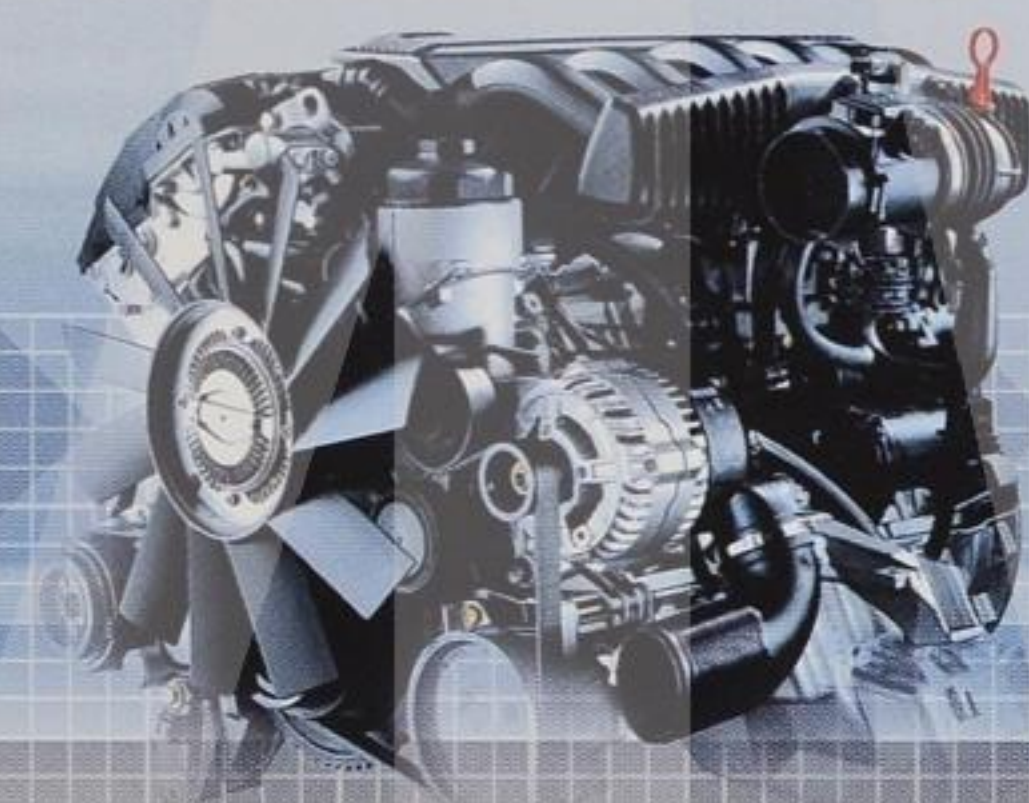
How do you make vehicles stronger – yet lighter? Or engines that are more powerful yet equally fuel efficient? Normally, the answer is you cannot. But at BMW, these “impossible” challenges have been seriously considered – and solved. BMW’s strength is, ultimately, in finding solutions. This heritage of pioneering important new automotive technologies began decades ago, and continues today at an increasingly rapid pace. In Munich and around the world, BMW developers, designers, engineers – thousands of minds and hands – are

hard at work, eagerly finding new and better ways to improve upon what are already considered to be among the finest vehicles in the world. Our goal is to combine the highest performance with the greatest possible efficiency. Just like the future, “The Ultimate Driving Machine®” doesn’t just happen. It’s constantly being invented – at BMW.



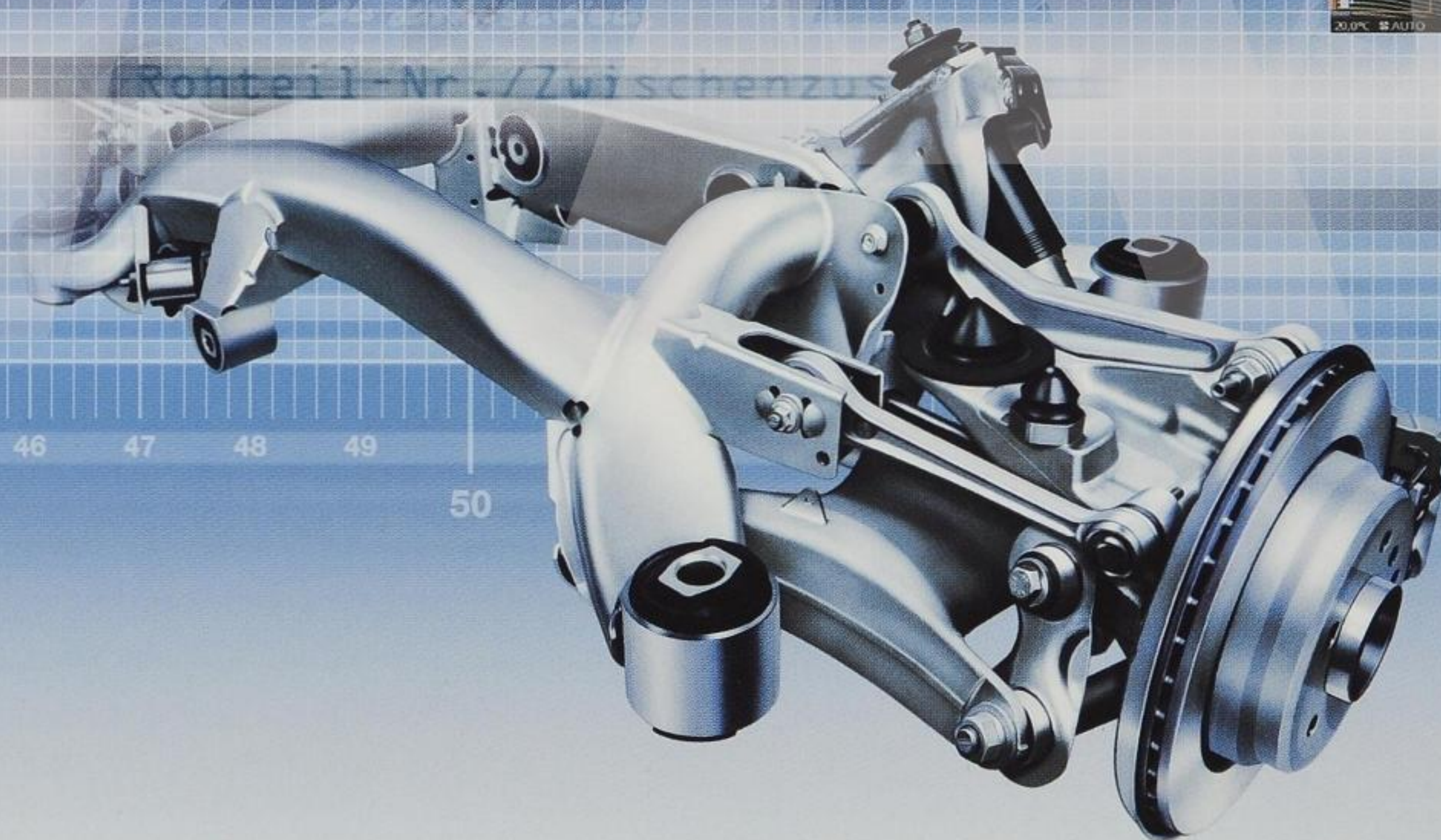
Valvetronic.

Imagine more powerful performance from the same size engine, and improving fuel efficiency while decreasing emissions. Impossible? Not with Valvetronic – BMW’s revolutionary advance that enhances the engine’s “breathing” by varying valve lift – not by using throttles.



Electronic Suspension Control Systems.

Trust your BMW’s remarkable road-hugging stability in slippery curves. Or turn the system off for sport driving maneuvers. With BMW, the choice is yours – all at the touch of a button.



Lightweight design.

Thanks to BMW’s increased use of aluminum in key areas, such as the chassis, BMW parts weigh less and less. But their torsional strength is as high – or higher – than ever. The result: increased dynamic performance and efficiency.



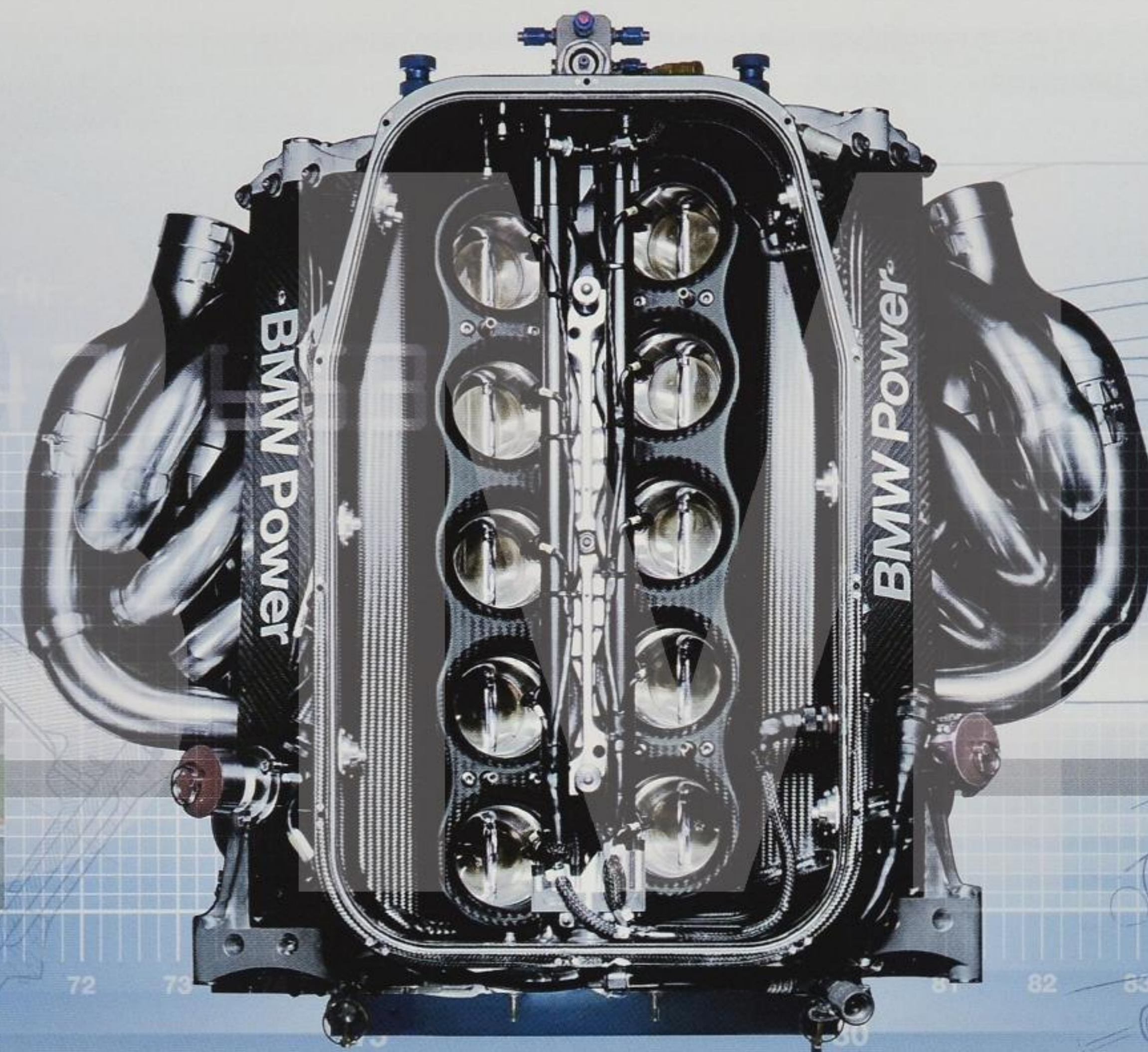
iDrive.

As vehicles offer more features, dashboards become filled with more buttons – and so the number of new features is limited to the amount of remaining dash space. With BMW’s unique iDrive concept, nearly all non-driving functions can be accessed through a single knob and an eye-level monitor... making the dash a clean sweep.

BMW innovation: fast lane to the future.

How do you create a truly great vehicle? To start, every aspect of the ownership experience needs to provide pleasure over the long haul. Second, the vehicle should be manufactured, used, and disposed of with the environment in mind. This concept goes way beyond maximizing engine efficiency while minimizing emissions. BMW is committed to protecting our natural resources

from the impact of the factory that builds the vehicle, to the one that finally recycles most of its parts. Third, BMW is pioneering technologies that help keep drivers up to speed. This includes interactive traffic reports that help you avoid jams, and active cruise control that automatically controls the amount of space between you and the vehicle in front. BMW has a reputation for thinking differently, coming up with radical new ideas and concepts, and developing vehicles that take into consideration the desires of the current generation – as well as the concerns of the next.



Formula 1.

This internationally glamorous yet grueling series of races tests the limits of an engine's design and construction. To compete successfully, F1 powerplants must continually evolve, becoming more powerful yet also more compact and lighter in weight. And each year, BMW engines remain among the top contenders. Unlike most other car manufacturers, BMW develops and builds its F1 engines and engine systems in-house. The knowledge gained on the track is quickly transferred to BMW production-line technology, resulting in increasingly powerful yet efficient engines that help keep all BMWs at the head of the pack.



BMW CleanEnergy

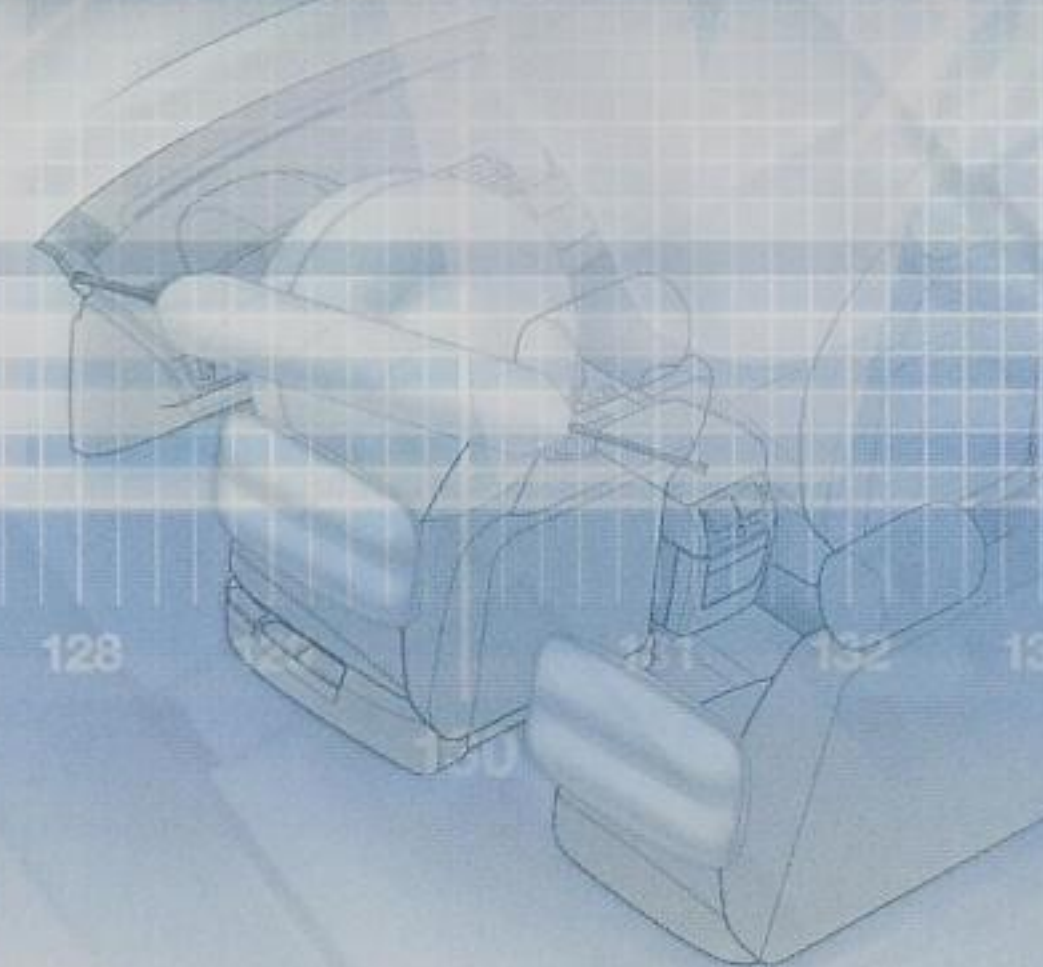
BMW CleanEnergy.

High-performance driving with clean emissions: seemingly mutually incompatible goals. Yet the BMW CleanEnergy project makes this remarkable vision a reality. The special, hydrogen-powered engine in the BMW 745h provides the same thrilling power, performance and driving pleasure as the gasoline-powered V-8 in the standard 745i, but with one major difference: the exhaust is only water vapor. During its world tour, BMW's hydrogen-powered CleanEnergy fleet proved that volume production of eco-friendly performance cars has moved from the realm of science fiction... to science.

At BMW, tomorrow's inventions were begun a decade ago.

Each BMW in the showroom today started as a futuristic dream years ago. And the incredible BMW you will drive a decade from now is currently under heated discussion in Munich. However, we can guarantee two things: it will have features you cannot even begin to imagine... and it will be, unmistakably, a BMW. So what do BMW engineers have in store for our future? One important concept is in the total integration of communications between the driver, the

vehicle, and the outside world. At the FIZ – BMW's Research and Innovation Center in Munich – as well as many other locations around the world, BMW specialists are developing many concepts that will ensure the future of pleasurable driving. And all will continue to revolve around a central theme: BMW's belief in the power of a good idea. ■



Colors

BMW Z4

Exterior colors
Upholstery colors
Materials
Interior trims



Combinations

Materials	Leatherette ¹	Active Sport Cloth/Leather ²		High Performance Leather ³			Extended High Performance Leather ^{4, 5}		
Upholstery Colors	Black	Pearl Gray	Maldives Blue	Beige	Dream Red	Black	Beige	Dream Red	Black
Exterior Colors									
300 Alpine White ⁵	●	●		◆		●	◆		●
314 Bright Red ⁵	●	●		●◆		●	●◆		●
A04 Urban Green						●			
668 Jet Black	●◆	●	●	●◆	●	●◆	●◆	●	●◆
354 Titanium Silver Metallic	●	●	●	●	●	●	●	●	●
472 Sterling Gray Metallic	●	●■	●■	●	●■	●	●	●■	●
482 Toledo Blue Metallic ⁵	●			●◆		●	●◆		●
A15 Maldives Blue Metallic	●	●	●■	●		●	●◆		●
A02 Merlot Red Metallic	●			●◆		●	●◆		●
475 Black Sapphire Metallic	●◆	●	●	●◆	●	●◆	●◆	●	●◆
Interior Trims									
Graphite Finish ¹									
Brushed Aluminum ⁶									
Sycamore High-Gloss Wood ⁷									

Exterior Colors and Interior Trims:
Standard Optional

- 1 Standard in Z4 2.5i.
- 2 Optional in Z4 2.5i.
- 3 Standard in Z4 3.0i. Optional in Z4 2.5i and included in Premium Package.
- 4 Not available in Z4 2.5i.
- 5 Available 4/03 production.
- 6 Standard in Z4 3.0i. Z4 2.5i: included in Premium Package, and with optional Active Sport Cloth/Leather or High Performance Leather upholstery.
- 7 Not available with Leatherette upholstery.

Softtop colors

● 388 Black

■ 389 Gray

◆ 394 Dark Beige

Exterior Colors



01

02

03

04

01 Tear out color possibilities

02 Read the information on the back

03 Create exterior/interior/trim color combinations

04 Store your favorite combinations

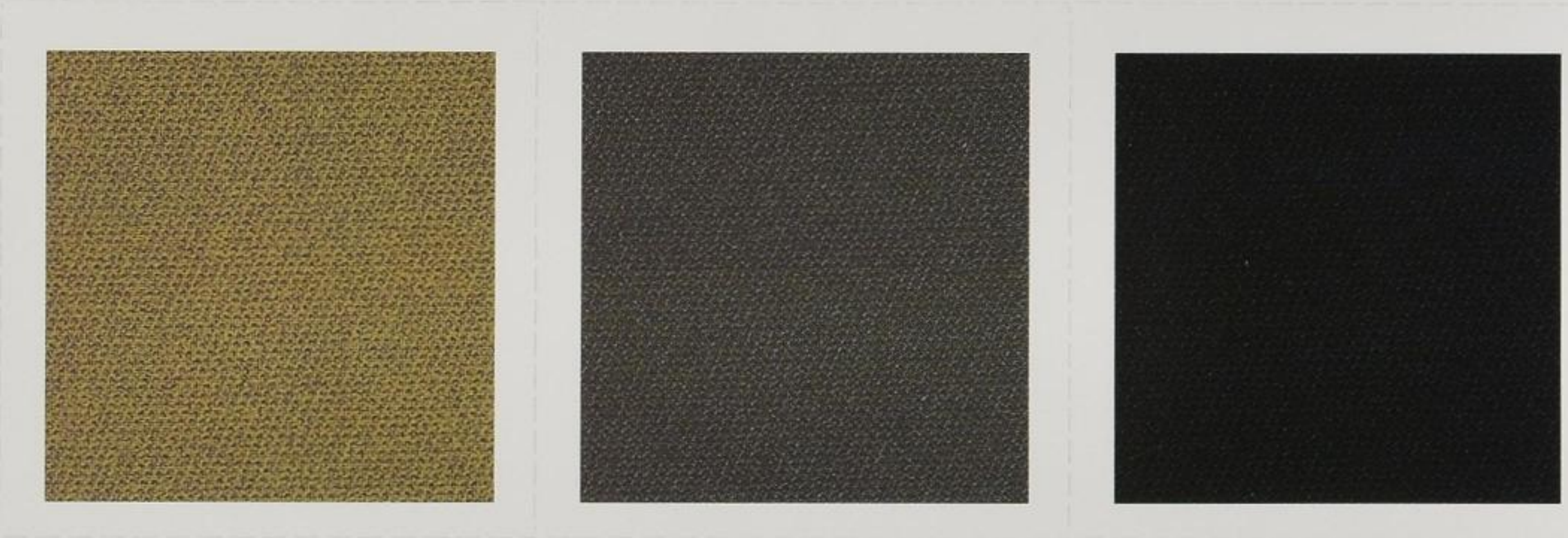
Exterior Color Softtop Color Upholstery Color Interior Trim

Exterior Colors

Exterior Color	Exterior Color	Exterior Color (Available 4/03 production)	Exterior Color (Available 4/03 production)
Jet Black 668 ■	Urban Green A04 ■	Bright Red 314 ■	Alpine White 300 ■
Exterior Color	Exterior Color (Available 4/03 production)	Exterior Color	Exterior Color
Maldives Blue Metallic A15 □	Toledo Blue Metallic 482 □	Sterling Gray Metallic 472 □	Titanium Silver Metallic 354 □
Exterior Color	Exterior Color		
Black Sapphire Metallic 475 □	Merlot Red Metallic A02 □		



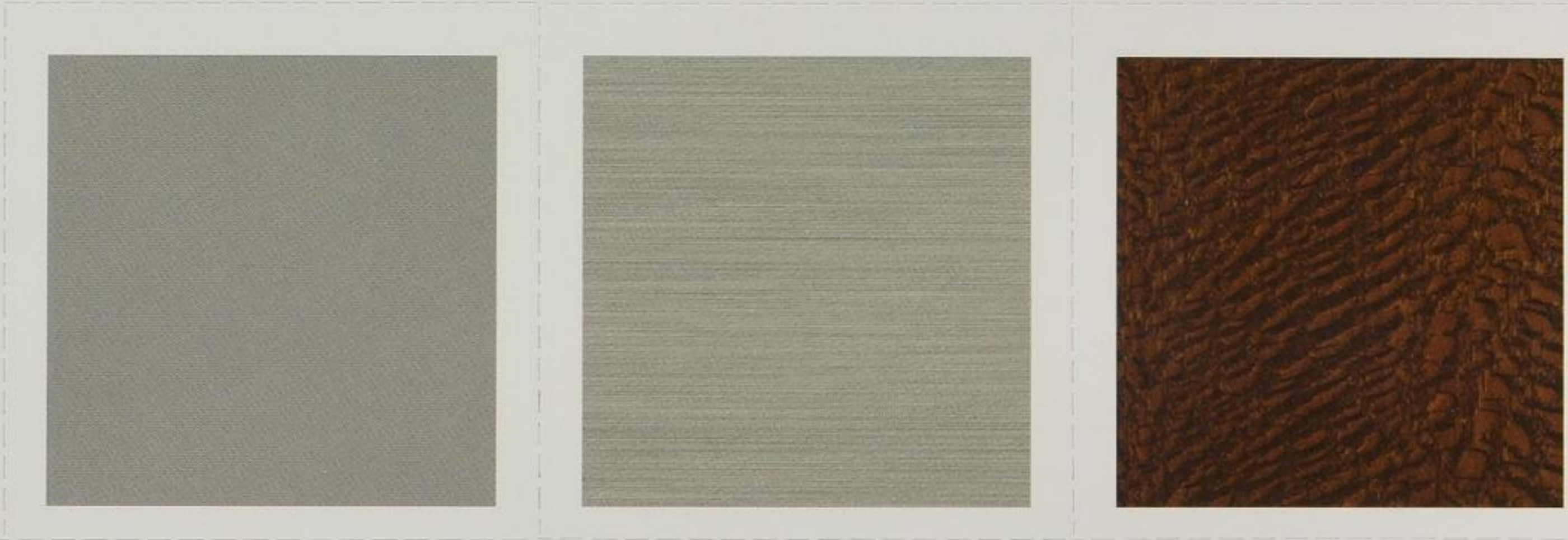
Softtop Colors



Upholstery Colors



Interior Trim



Exterior Color Jet Black 668 ■	Exterior Color Urban Green A04 ■	Exterior Color (Available 4/03 production) Bright Red 314 ■	Exterior Color (Available 4/03 production) Alpine White 300 ■
Exterior Color Maldives Blue Metallic A15 □	Exterior Color (Available 4/03 production) Toledo Blue Metallic 482 □	Exterior Color Sterling Gray Metallic 472 □	Exterior Color Titanium Silver Metallic 354 □
Exterior Color Black Sapphire Metallic 475 □	Exterior Color Merlot Red Metallic A02 □		

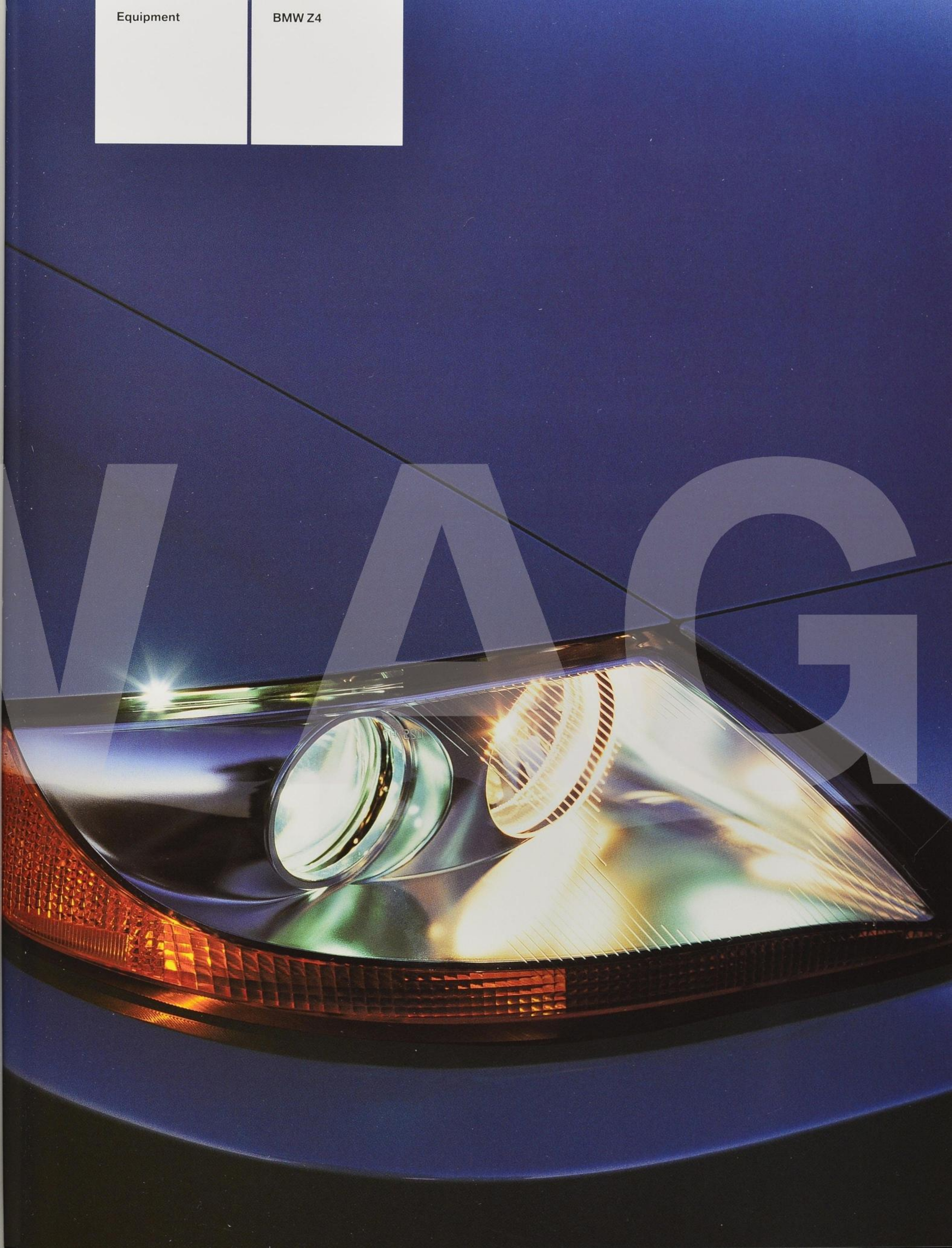
Equipment	BMW Z4
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<p>Upholstery Color</p> <p>Maldives Blue Active Sport Cloth/Leather FAMD ◆</p>	<p>Upholstery Color</p> <p>Pearl Gray Active Sport Cloth/Leather FAPF ◆</p>	<p>Upholstery Color</p> <p>Black Leatherette K4SW ■</p>
<p>Upholstery Color</p> <p>Black High Performance Leather LASW ■ ◆</p>	<p>Upholstery Color</p> <p>Dream Red High Performance Leather LATL ■ ◆</p>	<p>Upholstery Color</p> <p>Beige High Performance Leather LAAB ■ ◆</p>
<p>Upholstery Color (Available 4/03 production)</p> <p>Black Extended High Performance Leather LBSW ▲</p>	<p>Upholstery Color (Available 4/03 production)</p> <p>Dream Red Extended High Performance Leather LBTL ▲</p>	<p>Upholstery Color (Available 4/03 production)</p> <p>Beige Extended High Performance Leather LBAB ▲</p>
<p>Interior Trim</p> <p>Sycamore High-Gloss Wood ▲ ★</p>	<p>Interior Trim</p> <p>Brushed Aluminum ■ □</p>	<p>Interior Trim</p> <p>Graphite Finish ■</p>

■ Standard in Z4 2.5i.
◆ Optional in Z4 2.5i.

★ Optional in Z4 2.5i; not available with Leatherette upholstery.
 □ Z4 2.5i: included with optional Active Sport Cloth/Leather or High Performance Leather upholstery; included in Premium Package.

■ Standard in Z4 3.0i.
 ▲ Optional in Z4 3.0i.





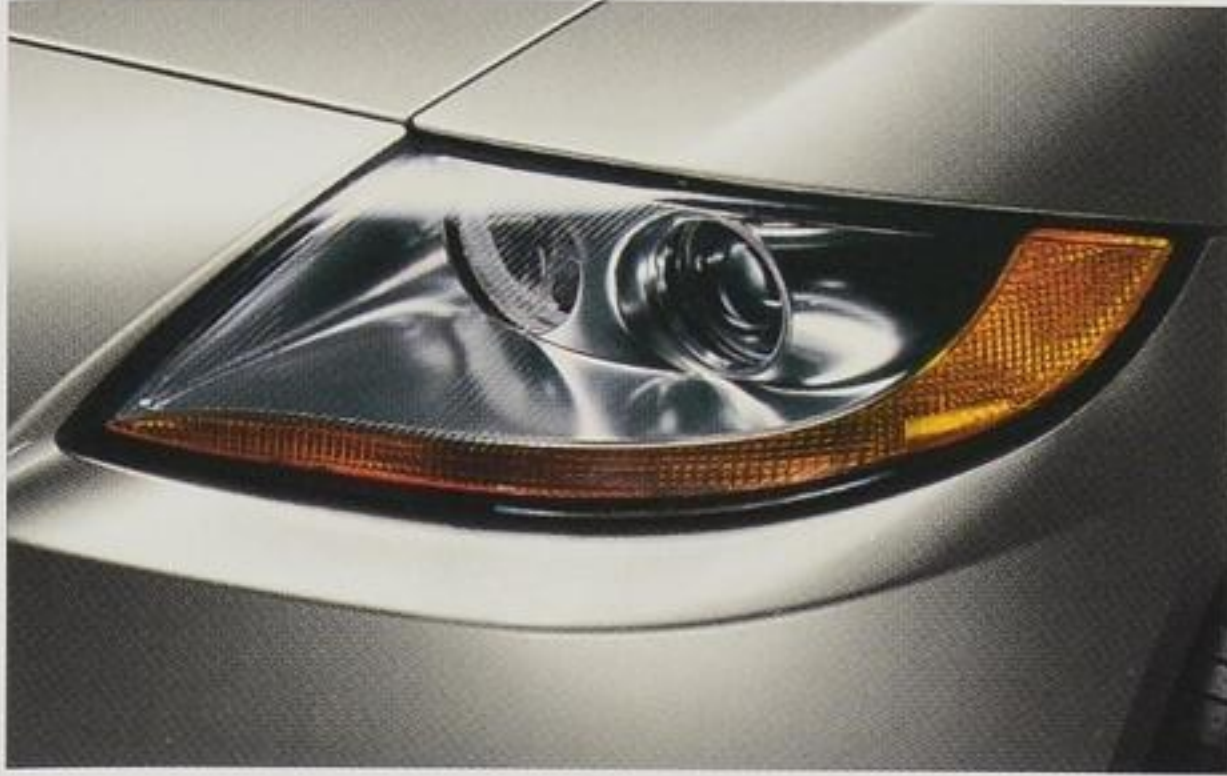
□/■ **Heated outside mirrors** are a welcome convenience in cold-weather driving. Includes heated windshield washers. (incl. with opt. foglights) (opt. in Z4 2.5i and incl. in Sport Package; std. in Z4 3.0i)



■ **Recessed chrome-edged front "kidney" grille** with matte graphite vertical slats (in Z4 3.0i, shown) or black slats (Z4 2.5i, not shown)



□/■ **Ellipsoid, halogen free-form foglights** are cleanly integrated into the front bumper, uniformly illuminating the road ahead in bad weather. (opt. or incl. in Z4 2.5i Sport Package; std. in Z4 3.0i)



■ **Aerodynamic covers** protect headlight cluster. Chrome-finish headlight surround shown (Z4 3.0i)



■ **Heated, glass rear window** and easy, one-hand release/lock operation allow the lined softtop to make the Z4 roadster into a comfortable all-weather car. Thanks to a new folding sequence, the softtop's front section doubles as a cover for the folded top and lies flush for a clean appearance. When the top is up, its trunk storage compartment can be used to stow added cargo.



□ **Fully automatic, lined power softtop** is completely automated. To open or close it, press a button at the front of the center console. The top automatically unlatches from the header and folds down neatly. An interior lining helps reduce wind noise and enhances insulation. Available in Black, Gray and Dark Beige.



■ **Side indicator lights** flash amber. The light radiates outward from behind BMW's signature roundel.



□ **Xenon headlights** illuminate the road ahead and to the side with brilliant clarity. These low- and high-beam headlights provide greater roadside detail when driving at night.



■ **Halogen ellipsoid low-beam (outboard)/free-form high-beam (inboard) headlights** are underscored by the sweep of amber turn-signal indicators and black high-gloss shadowline trim. (shown: Z4 2.5i with titanium-finish surround)



■ **Rollover Protection Bars** behind the headrests, as well as sheet-tube-reinforced windshield pillars, help provide excellent protection in the event of a rollover.



■ Z4 roadster 2.5i with **16x7.0 Cross Spoke (Styling 104) cast-alloy wheels** and **225/50R-16 run-flat tires**.



■ Z4 roadster 3.0i with **17x8.0 Twin Spoke (Styling 103) cast-alloy wheels** and **225/45R-17 run-flat tires**.



□ Z4 2.5i Sport Package with **17x8.0 Turbine (Styling 106) cast-alloy wheels** and **225/45R-17 run-flat tires**.



□ Z4 3.0i Sport Package with **Ellipsoid (Styling 107) cast-alloy wheels**, 18x8.0 front, 18x8.5 rear; and **225/40R-18 front, 255/35R-18 rear run-flat tires**.



■ **Tilt/telescopic leather-covered sport steering wheel** features three sculpted metallic spokes and a sporty oval center with signature BMW logo inset.



■ **Sport seats** are not only attractive, but enhance the BMW driving experience. Specially bolstered side padding offers lateral support during tight cornering, while remaining comfortable over long distances. The seats adjust six ways, including forward/backward, up/down, and backrest angle.



□/■ **Cruise control** lets you store a chosen speed over 18 mph. It can be activated by using a switch located on the left side of the steering column. (opt. and incl. in Z4 2.5i Premium Package; std. in Z4 3.0i)



■ **Instrument cluster** is set into a double-visor display to minimize reflections and glare when the softtop is down. White lettering on a gray face is backlit a soft red when the headlights are turned on. Between the two dials, an extensive array of warning and indicator lights keep the driver informed of operating conditions.



□ **Eight-way power sport seats** allow driver and passenger to adjust their seating easily. **Three-way driver's seat memory** stores the favorite settings of up to three drivers. (opt. and incl. in Premium Package)



□ **Heated seats** offer three thermostatically controlled temperature settings for seat and backrest. In just a few short minutes, both driver and passenger can enjoy individualized warmth.



■ **Six-speed manual transmission** in the Z4 3.0i delivers a precise feel that's responsive to your personal driving style, thanks in part to enhanced synchronization of shifts from neutral to each gear. The gearbox adds to the sporty feel with a shortened shift lever and "throw."



□ **Sequential Manual Gearbox (SMG)** lets you shift gears by tapping the paddles above the steering wheel or the center-console-mounted shift lever – without the use of a clutch. In bad weather or in heavy traffic, you can switch to Automated mode for automatic shifting. (opt. in Z4 2.5i and 3.0i; requires Sport Package)



□ **Sycamore High-Gloss Wood** interior trim adds a warm, rich note to the interior of the Z4. (Z4 2.5i; requires High Performance leather upholstery)



■ **Lockable storage compartment** is conveniently located behind the seats. This multi-section bin offers more than a quarter cubic foot of storage space, and can be secured through the central locking system. (Note: adding the navigation system and/or a BMW center-installed CD changer reduces the amount of available storage space.)



□/■ **Four-function on-board computer**, with readouts at the bottom of the speedometer dial, keeps you informed of important travel information. This includes average fuel economy, range on remaining fuel, average speed, and current time (normally appears in the radio display). (opt. and incl. in Z4 2.5i Convenience Package; std. in Z4 3.0i)



■ **Manual climate control system** allows you to adjust temperature and four fan speeds, direct air flow, and choose fresh or recirculated air. It also includes a micro-filter that removes pollen, dust and spores.



□ **Automatic climate control system** is a new BMW roadster comfort feature. In addition to selecting a specific cabin temperature, occupants can choose from a stepless range of fan speeds, and automatic or manual airflow and recirculation. The automatic recirculation control activates whenever certain air pollutants are detected. The system also includes defrost/demist and Max A/C functions.



□ **Integrated navigation system**, new in the BMW roadster, covers the entire United States with a single DVD. The pop-up, glare-free monitor is mounted atop the dashboard. When not in use, it retracts back down, out of sight. The navigation system is available with your choice of an in-dash single-disc CD player.



■ **New BMW anti-theft AM/FM stereo/CD audio system** surrounds the cabin with powerful sound – even with the top down. The 10-channel amplifier directs music through 10 speakers, including two in the footwell, two in the door panel, two tweeters in the mirror triangle, and four behind the seats (two are mid-range and two are bass.)



□/■ **Premium Harman Kardon AM/FM stereo/CD audio system** generates full-bodied, pure sound. The system incorporates revered Carver technology – a first in any motor vehicle. Sound is generated by a powerful Carver amplifier with 7-band Digital Sound Processing, and delivered through 10 upgraded speakers, including two subwoofers. (opt. in 2.5i; std. in 3.0i)



■ **Central locking system** can be activated by using the remote, the key, or a console switch. It secures the doors, trunklid, fuel-filler door and the multi-section storage compartment located behind the seats. (The optional navigation system and BMW center-installed six-disc CD changer are also secured by the central locking system.)

Premium Package

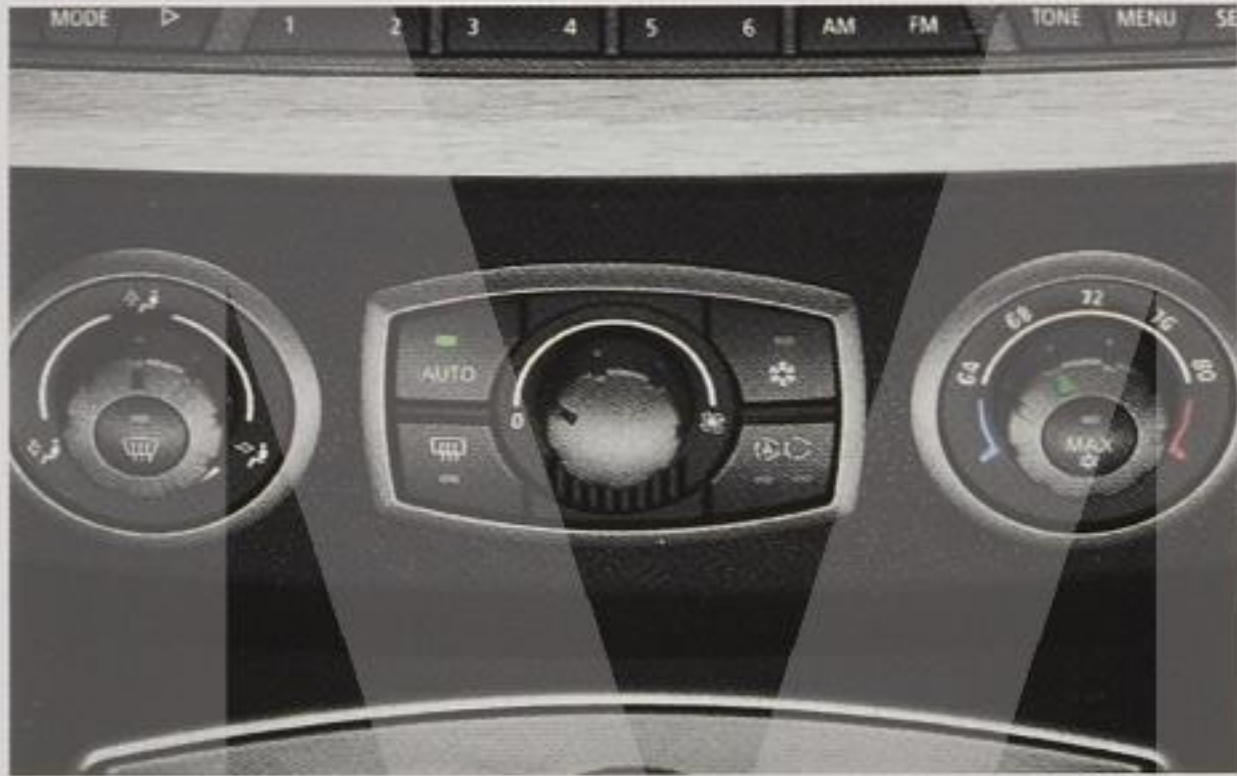
Make the Z4 driving experience even more luxurious with the Premium Package. In both the Z4 2.5i and Z4 3.0i, this includes a fully automatic, lined power softtop, and eight-way power front sport seats with three-way driver's-seat memory. Adding to that, the Z4 2.5i Premium Package also includes cruise control, and High Performance Leather upholstery, with Brushed Aluminum interior trim.



Fully automatic, lined power softtop is totally automated. To lower it, press a button at the front of the center console. The top automatically unlatches from the header and folds down neatly in under ten seconds. The process is reversed with another touch of a button. An interior lining helps reduce wind noise and enhances insulation. Available in Black, Gray and Dark Beige.

Convenience Package

Make driving easier in all types of weather, 365 days a year, with the Convenience Package. Both Z4 2.5i and Z4 3.0i packages include automatic-dimming mirrors inside and out, rain-sensing windshield wipers with automatic headlight control, automatic climate control with activated-charcoal micro-filter ventilation and automatic recirculation control, and elastic storage nets on the right side of the center tunnel and on the back of each seat. The Z4 2.5i package adds a four-function on-board computer and enhanced interior lighting features.



Automatic climate control system is a new BMW roadster comfort feature. In addition to selecting a specific cabin temperature, occupants can choose from a stepless range of fan speeds, and automatic or manual airflow and recirculation. The automatic recirculation control activates whenever certain air pollutants are detected. The system also includes defrost/demist and Max A/C functions.

Sport Package

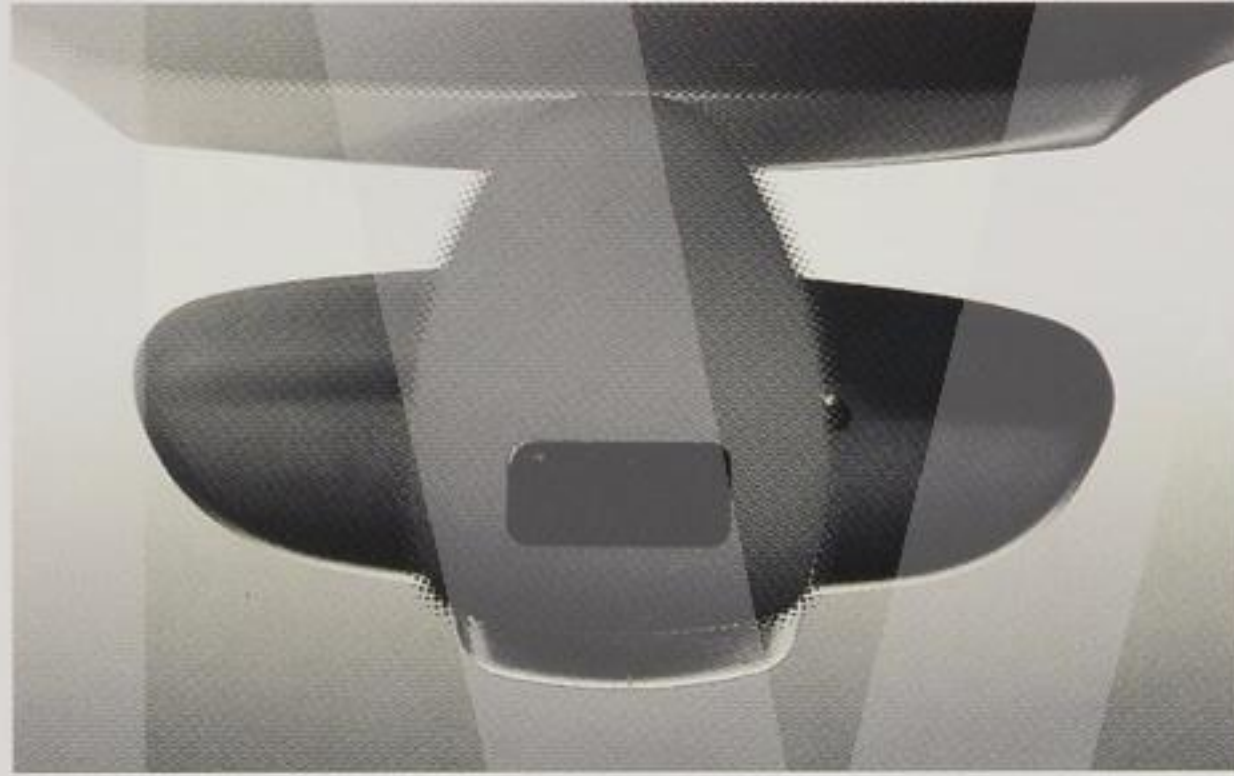
For the ultimate in Z4 sport driving, both Z4 2.5i and 3.0i Sport Packages include the Dynamic Driving Control "Sport" button for more spirited shifts, and a sport suspension. The Z4 2.5i package also includes 17x8.0 Turbine (Styling 106) cast-alloy wheels and 225/45R-17 run-flat tires, foglights, and heated outside mirrors and heated windshield-washer jets. In the Z4 3.0i, 18x8.0 front/18.5 rear Ellipsoid (Styling 107) cast-alloy wheels and 225/40R-18 front, 255/35R rear run-flat tires complete the package.



Sport suspension lowers the Z4's ride height to maximize the sportier feel of the larger tires.



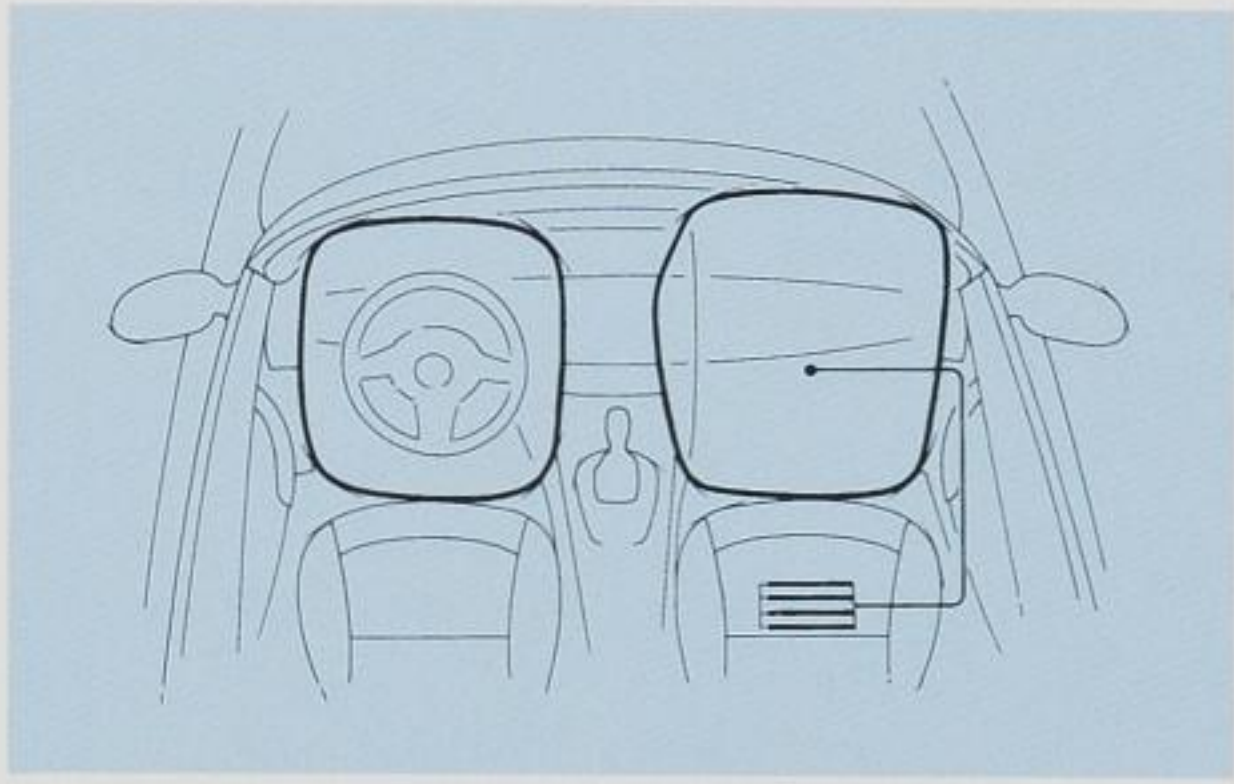
Eight-way power seats allow driver and passenger to adjust their seating easily. **Three-way driver's seat memory** stores the favorite settings of up to three drivers.



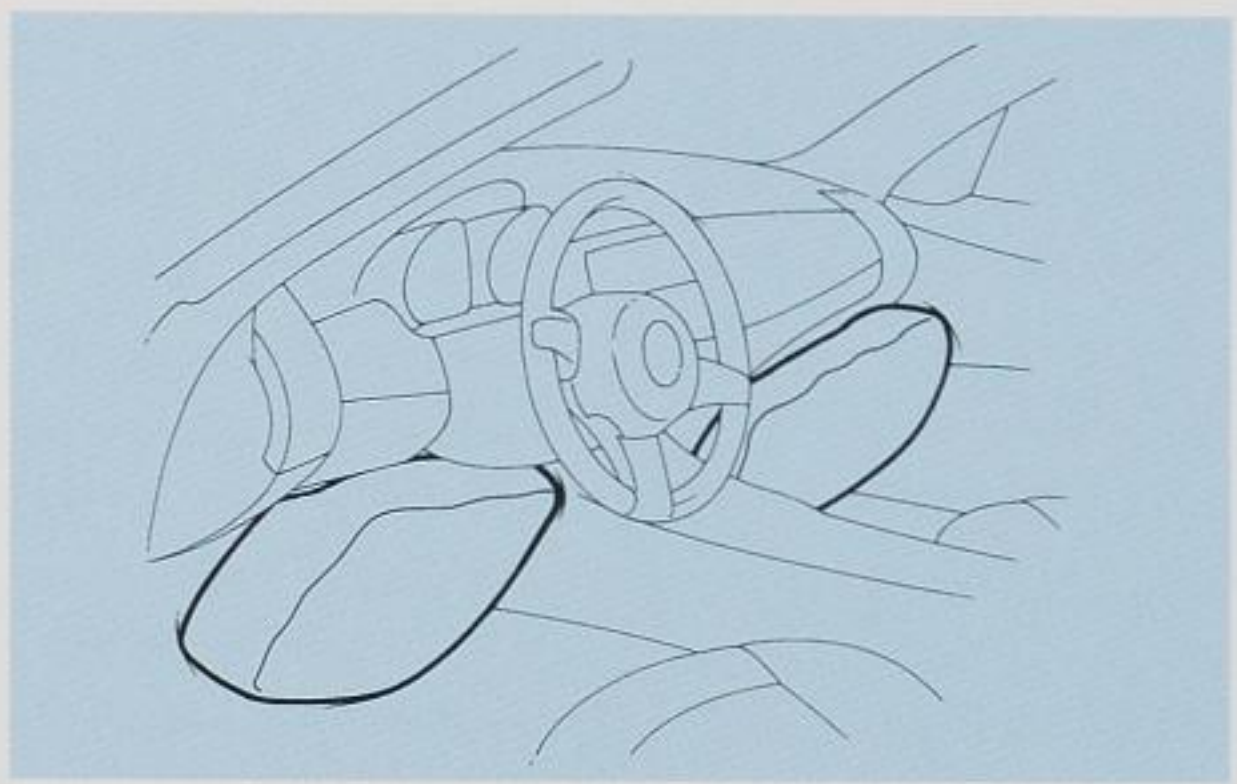
Rain sensor uses infrared light to measure the amount of rain. When the wipers are in the "intermittent" mode, the rain sensor automatically adjusts the windshield wiping interval as needed. When **Automatic Headlight Control** senses low light, such as when driving in bad weather, in tunnels or at dusk, it automatically turns on the headlights.



Sport button activates the Sport driving mode, for crisper handling and quicker engine response on demand.



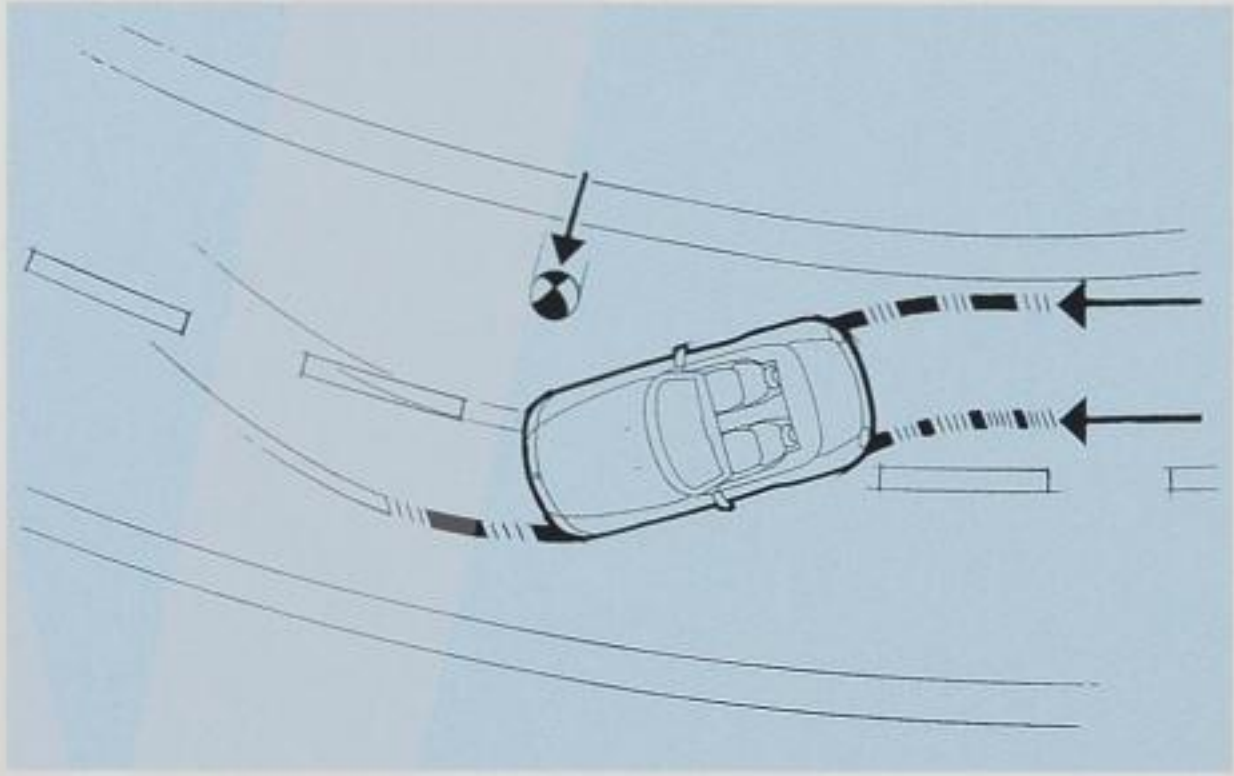
Front airbags help protect the driver's and passenger's head and torso. In accidents severe enough to activate airbags, these "smart" airbags employ dual-stage, dual-threshold technology. When a safety belt is used, airbags deploy only at a higher crash severity, with the deployment force determined by the force of impact.



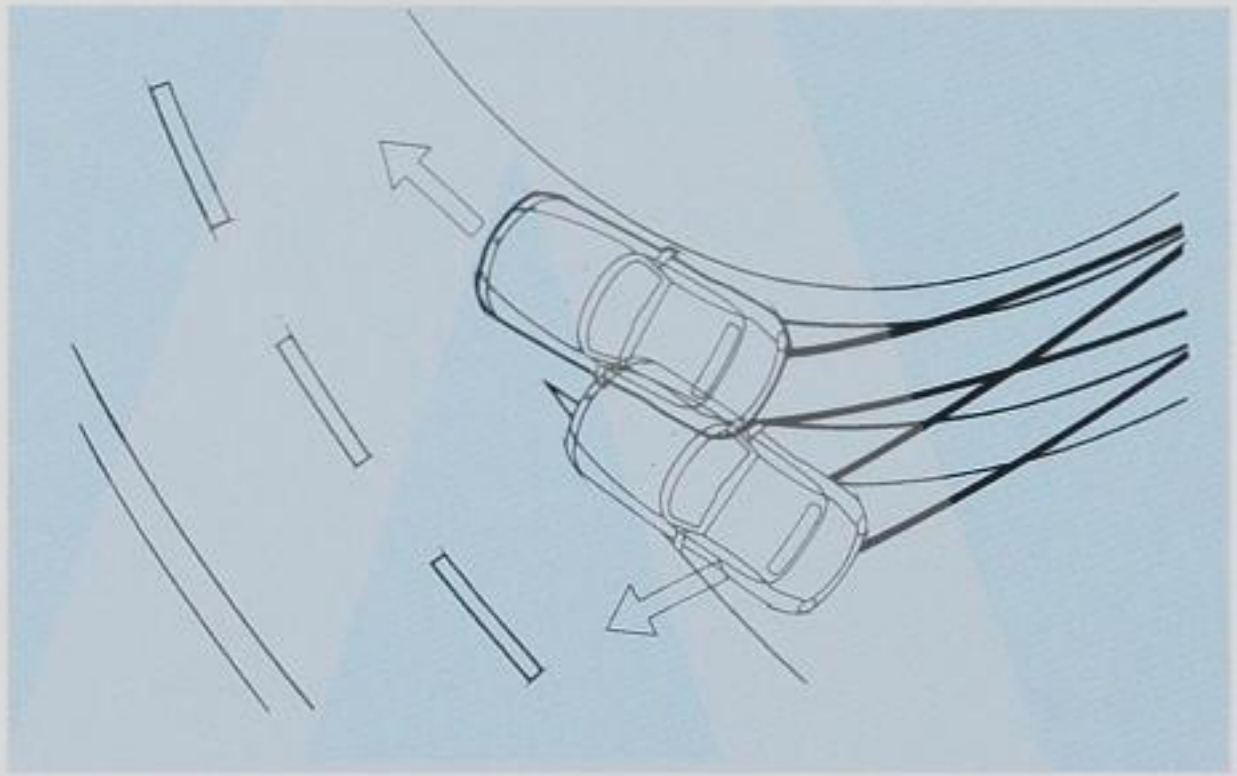
Active Knee Protection airbags for both driver and passenger are designed to protect their knees in the event of a severe impact. It also reduces the amount of dash space that would have been taken up by a knee-protection system using dash-padding only.



In the event of a side impact, large-area, **door-mounted airbags** help protect the torsos of driver and passenger. New **pressure-sensitive sensors** inside the door signal more quickly for airbags to deploy than did conventional sensors that only measure actual deformation.



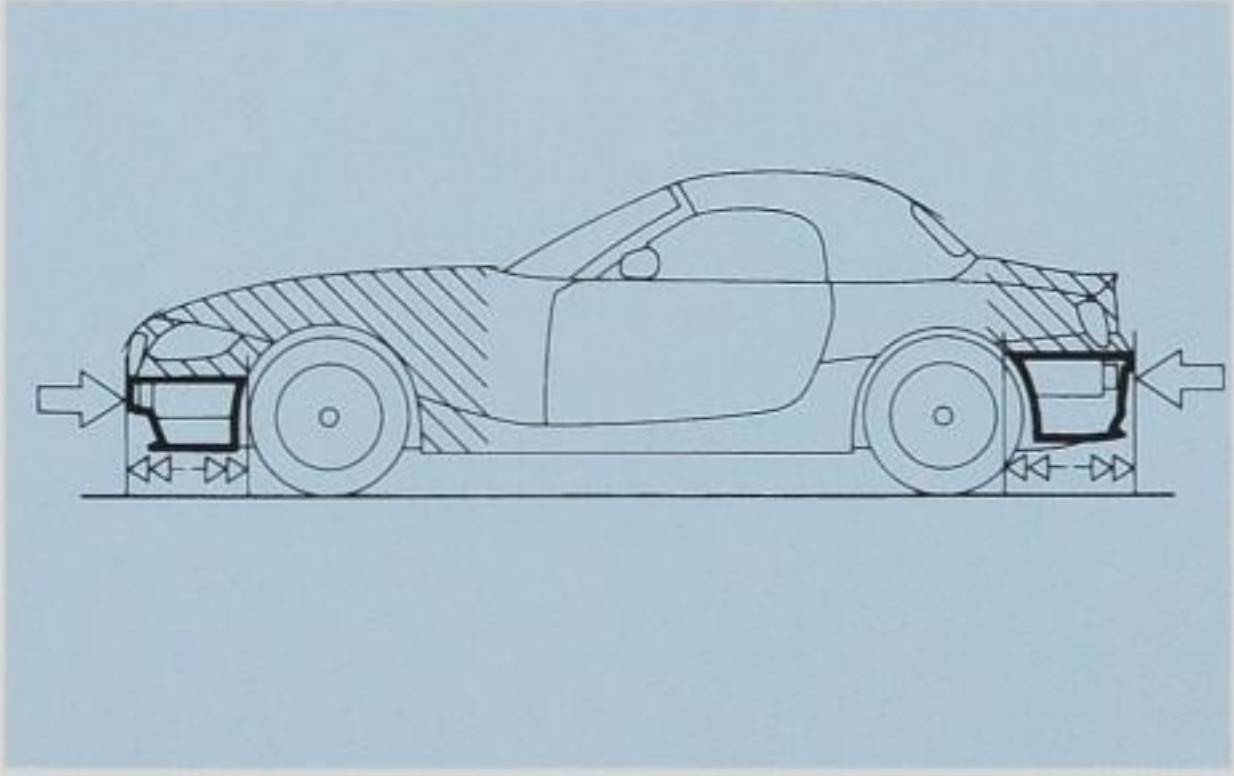
Cornering Brake Control (CBC) helps make braking in corners safer and easier to control, and helps keep the Z4 from skidding. CBC is part of the Z4's fade-resistant ABS (anti-lock braking) system.



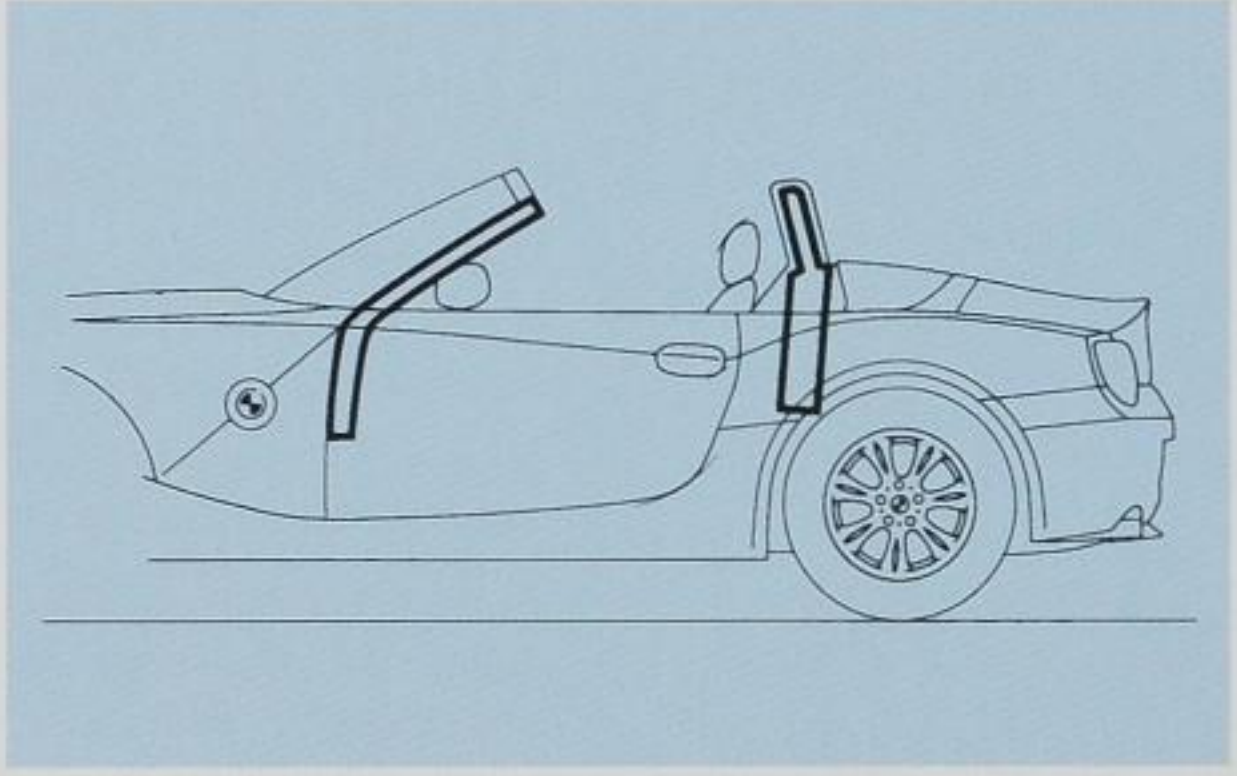
Dynamic Stability Control (DSC) is a suspension control system that, when it senses an impending skid, helps to stabilize the Z4 in just milliseconds. If the system senses over- or understeer, it modulates engine power and can apply brakes individually to help keep the vehicle under control and going in the intended direction. For sportier driving or in deep snow, the system allows increased wheel slip.



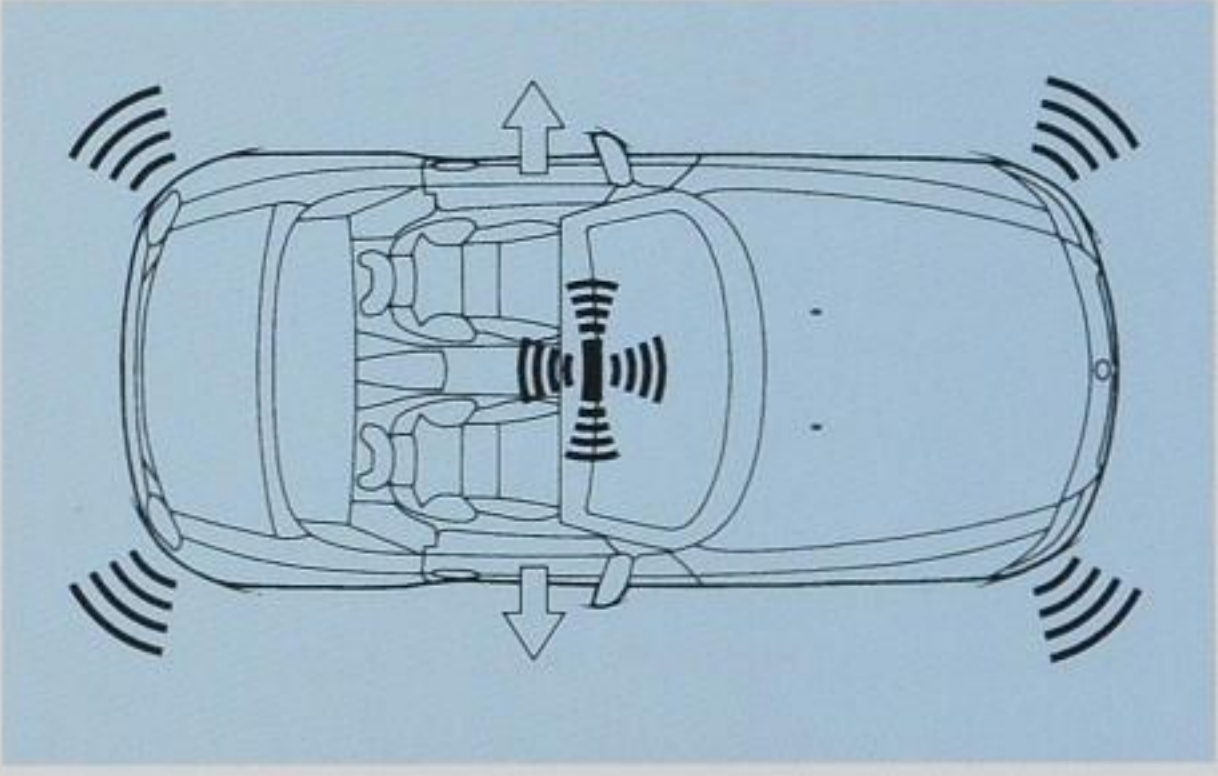
Run-flat tires allow speeds of up to 50 mph and travel up to 90 miles after a loss of air pressure. In situations that would normally cause a flat, reinforced sidewalls help prevent the tires from collapsing or loosening from the rim. When the **Flat Tire Monitor** detects air pressure loss, an indicator light on the dash warns the driver; dramatic drops in air pressure activate a warning sound.



Impact-absorbing bumpers and compressible "crush tubes" front and rear help absorb the force of impact in collisions up to nine mph, minimizing damage to the vehicle's body and simplifying repairs. Only at higher impact speeds do structural supports begin to deform, dissipating impact energy to help protect occupants.



Rollover Protection Bars behind the headrests, as well as sheet-tube-reinforced windshield pillars, help provide excellent protection in the event of a rollover.



After **crash sensors** detect a serious impact, interior lights and hazard flashers activate, and the doors automatically unlock to allow access for emergency aid.

Performance and efficiency	Z4 roadster 2.5i	Z4 roadster 3.0i	Handling and braking (continued)	Z4 roadster 2.5i	Z4 roadster 3.0i
2.5-liter, 184-hp dual overhead cam (DOHC), 24-valve inline 6-cylinder engine with Double-VANOS steplessly variable valve timing	●		Twin-tube gas-pressure shock absorbers	●	●
3.0-liter, 225-hp dual overhead cam (DOHC), 24-valve inline 6-cylinder engine with Double-VANOS steplessly variable valve timing		●	Sport suspension	□	□
Aluminum block and cylinder head	●	●	4-wheel disc brakes, ventilated front and solid rear, vacuum-assisted	●	
Chain camshaft drive (no periodic maintenance)	●	●	4-wheel disc brakes, ventilated front and rear, vacuum-assisted		●
Dual resonance intake system	●	●	Vehicle-speed-sensitive Electric Power Steering	●	●
Electronic throttle system	●	●	Exterior and aerodynamics		
Dynamic Driving Control (Sport Button) ¹	□	□	Front and rear body-color bumpers	●	●
Electronically controlled engine cooling	●	●	4-headlight system within aerodynamic covers	●	●
Direct ignition with knock control	●	●	Halogen ellipsoid low-beam/free-form high-beam headlights	●	●
5-speed manual transmission with direct fifth gear	●		Xenon low- and high-beam headlights	○ ⁴	○
6-speed manual transmission		●	Foglights (includes heated outside mirrors and washer jets)	○/□	●
5-speed STEPTRONIC ² automatic transmission with Adaptive Transmission Control	○	○	Heated windshield-washer jets (included with foglights)	○/□	●
6-speed Sequential Manual Gearbox (SMG) transmission ³	○	○	Heated outside mirrors (included with foglights)	○/□	●
Handling and braking			2-speed + intermittent windshield wipers with adjustable and car-speed-sensitive interval, single-wipe operation	●	●
16x7.0 Cross Spoke cast-alloy wheels (Styling 104) and 225/50R-16 run-flat tires	●		Side-turn indicators behind BMW logo roundels	●	●
17x8.0 Twin Spoke cast-alloy wheels (Styling 103) and 225/45R-17 run-flat tires		●	Metallic paint	○	○
17x 8.0 Turbine cast-alloy wheels (Styling 106) and 225/45R-17 run-flat tires	□		Easy-to-operate manual softtop	●	●
18x 8.0 front/18x 8.5 rear Ellipsoid cast-alloy wheels (Styling 107) and 225/40R-18 front/255/35R-18 rear run-flat tires		□	Fully automatic, lined power softtop	○/◇	○/◇
Run-Flat Combination (RFC) wheel-tire system with Flat Tire Monitor	●	●	Heated glass rear window	●	●
Dynamic Stability Control, including all-speed traction control, Dynamic Traction Control, electronic brake proportioning, anti-lock braking (ABS), Dynamic Brake Control, and cornering/avoidance-stability enhancement	●	●	Instrumentation and controls		
High-rigidity roadster body/chassis unit with aluminum hood	●	●	Electronic analog instrumentation	●	●
Front thrust plate, aluminum	●	●	LCD main and trip odometers	●	●
Strut braces	●	●	Service Interval Indicator with miles-to-service readout	●	●
Strut-type front suspension with forged-aluminum lower arms and hydraulic cushions	●	●	4-function on-board computer	○/△	●
Central Link rear suspension with cast-aluminum upper transverse links	●	●	Outside temperature display	●	●
Acoustically decoupled final drive with hydraulic rear mount	●	●	Power windows with “one-touch” push-pull open/close for driver; opening from remote, and opening/closing from exterior door lock	●	●
Front and rear anti-roll (stabilizer) bars	●	●	Manual climate control with micro-filter ventilation	●	●
			Automatic climate control with activated-charcoal micro-filter ventilation and automatic recirculation control	△	△

● = Standard
○ = Optional
□ = Included in Sport Package
△ = Included in Convenience Package
◇ = Included in Premium Package

¹ Dynamic Driving Control provides Normal and Sport settings for throttle, steering and (if vehicle is so equipped) STEPTRONIC transmission.
² BMW's system of manual shift control for an automatic transmission.
³ Requires Sport Package.
⁴ Requires foglights.

Ergonomics, luxury and convenience	Z4 roadster 2.5i	Z4 roadster 3.0i	Safety and security (continued)	Z4 roadster 2.5i	Z4 roadster 3.0i
Remote entry with multi-function remote control, including remote trunk release	●	●	Active Knee Protection	●	●
Courtesy lights with fade-in/fade-out feature, and actuation from remote control	●	●	Disable switch for passenger's-side airbag with indicator light	●	●
Left/right individual reading lights, storage compartment and footwell lights	△	●	Side-impact airbags	●	●
Cruise control	○/◇	●	Rollover Protection	●	●
Locking glove compartment; storage space in doors and behind seats	●	●	Battery Safety Terminal and automatic fuel-pump shutoff upon severe accident impact	●	●
Elastic nets on right side of center tunnel and on back of each seat (Storage Package)	△	△	Intelligent Safety and Information System (ISIS) for deployment of safety systems	●	●
Dual power outside mirrors	●	●	Central locking system with double-lock anti-theft feature, selective unlocking and interior locking switch; also locks interior storage compartment with softtop lowered	●	●
Automatic-dimming inside and outside mirrors	△	△	Coded Driveaway Protection	●	●
6-way manually adjustable front sport seats	●	●	Pre-wiring for alarm system	●	●
8-way power front sport seats with 3-way driver's-seat memory	○/◇	○/◇	BMW Maintenance Program		
Leather-covered tilt-telescopic sport steering wheel	●	●	BMW Full Maintenance ¹⁰	●	●
Center arm pad	○ ⁵	●	Premium Packages		
3-stage, thermostatically controlled heated seats	○	○	Fully automatic, lined power softtop	◇	◇
Leatherette upholstery	●		8-way power front sport seats with 3-way driver's-seat memory	◇	◇
Cloth and Leather upholstery (Active Sport)	○ ⁶		Cruise control	◇	●
Leather upholstery (High Performance)	○ ⁶ /◇ ⁶	●	High Performance Leather upholstery including Brushed Aluminum interior trim	◇	●
Extended High Performance Leather upholstery		○	Convenience Packages		
Leather handbrake grip and shift knob	●	●	Automatic-dimming inside and outside mirrors	△	△
Graphite-finish interior trim	●		Elastic nets on right side of center tunnel and on back of each seat (Storage Package)	△	△
Brushed Aluminum interior trim ⁷	◇	●	Rain-sensing windshield wipers with automatic headlight control	△	△
Sycamore High-Gloss Wood interior trim	○ ⁸	○	Automatic climate control with activated-charcoal micro-filter ventilation and automatic recirculation control	△	△
BMW on-board navigation system	○ ⁹	○	4-function on-board computer	△	●
Dual cupholders	●	●	Left/right individual reading lights, storage compartment and footwell lights	△	●
Electric interior trunk release	●	●	Sport Packages		
Variable softtop compartment	●	●	Dynamic Driving Control (Sport Button)	□	□
Audio			17x8.0 Turbine (Styling 106) cast-alloy wheels and 225/45R-17 run-flat tires	□	
Anti-theft AM/FM/CD audio system with Radio Data System and 10 speakers	●	●	18x8.0 front/18x8.5 rear Ellipsoid (Styling 107) cast-alloy wheels and 225/40R-18 front/255/35R-18 rear run-flat tires		□
Premium audio system with upgraded audio power, Carver technology, 10 audiophile-quality speakers including 2 subwoofers	○	●	Sport suspension	□	□
Pre-wiring for CD changer	●	●	Foglights, including heated outside mirrors and heated windshield-washer jets	□	●
Safety and security					
Dual-airbag Supplementary Restraint System with 2-stage Smart airbags	●	●			
Automatic safety-belt pretensioners and force limiters	●	●			
Isofix attachment of child-restraint safety seat	●	●			

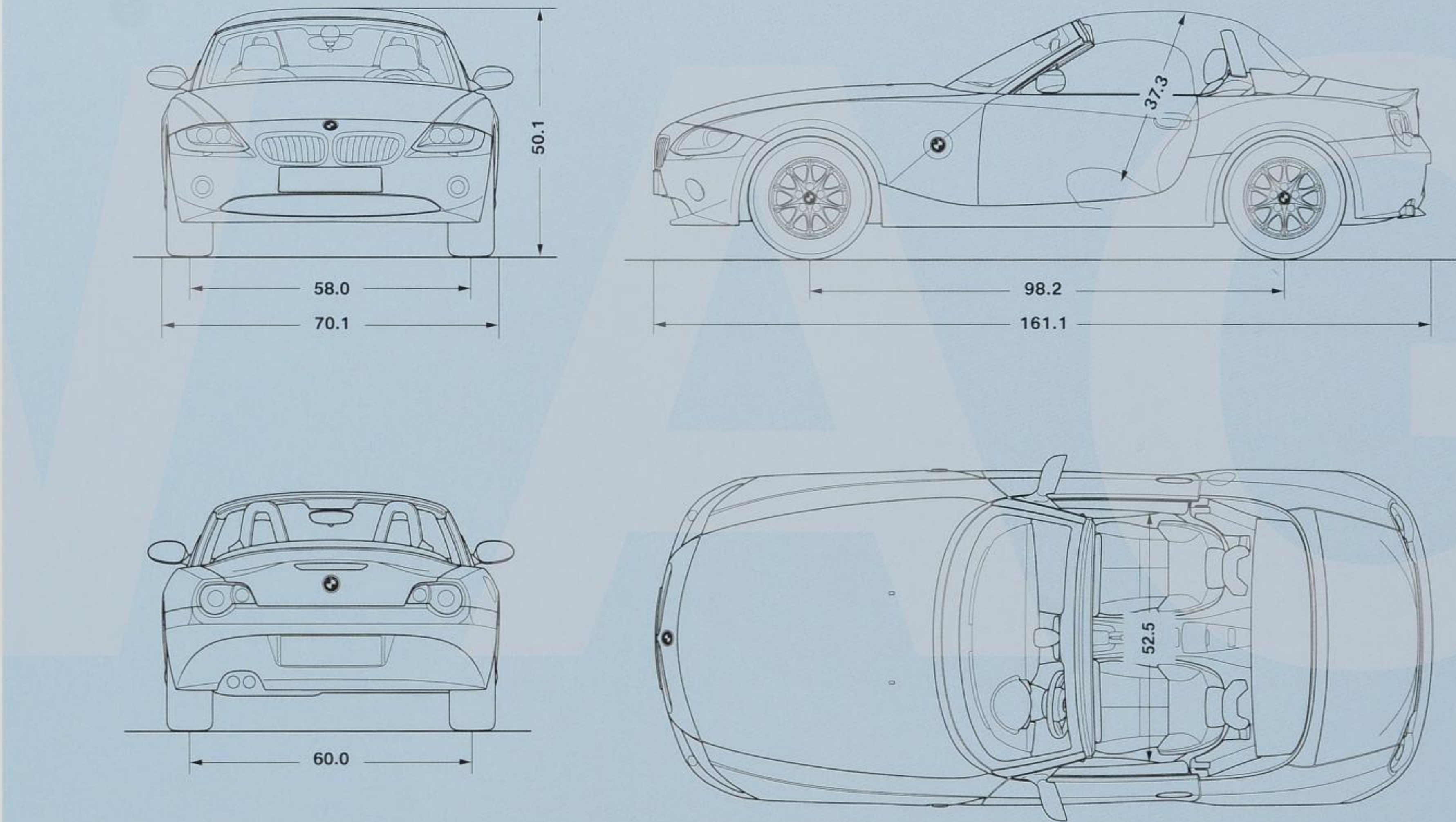
⁵ Included with Active Sport or High Performance Leather upholstery.
⁶ Includes Brushed Aluminum interior trim.
⁷ Z4 2.5i: Included with optional High Performance Leather upholstery.
⁸ Not available with Leatherette upholstery.
⁹ Z4 2.5i requires 4-function on-board computer or Convenience Package.

¹⁰ Full Maintenance Program covers all factory-recommended maintenance, as determined by the Service Interval Indicator, for 4 years or 50,000 miles, whichever comes first. Full Maintenance Program includes items that need replacement due to normal wear and tear, provided wear and tear exceeds BMW specifications. This includes items such as brake pads, brake rotors and wiper blades that are not covered by the original New Vehicle Limited Warranty. Any adjustments required due to normal operating conditions are also included. For exclusions and limitations, refer to the Service and Warranty Information booklet that came with your new BMW, or see your authorized BMW SAV center for details.

Dimensions		Z4 roadster 2.5i	Z4 roadster 3.0i
Vehicle length/width/height	in	161.1/70.1/50.1	161.1/70.1/50.1
Track, front/rear	in	58.0/60.0	58.0/60.0
Wheelbase	in	98.2	98.2
Weight			
Unladen	lbs	2932 [2998]	2998 [3042]
Engine			
Liter/type/valves		2.5/DOHC inline 6/24	3.0/DOHC inline 6/24
Bore/stroke	in	3.31/2.95	3.31/3.53
Nominal output/rpm	hp	184/6000	225/5900
Max torque/rpm	lb-ft	175/3500	214/3500
Performance			
Drag coefficient	C _d	0.35	0.35
Top speed ¹	mph	146 [141]	155 [152]
Fuel Consumption ²			
Manual transmission (mpg)	city/highway	20/28	21/29
Automatic transmission (mpg)	city/highway	21/28	20/28
Fuel capacity	U.S. gal	14.5	14.5
Wheels			
Wheel dimensions	front (standard)	16 x 7	17 x 8
	rear (standard)	16 x 7	17 x 8
Material		Cast alloy	Cast alloy
Wheel dimensions	front (optional)	17 x 8	18 x 8
	rear (optional)	17 x 8	18 x 8.5
Material		Cast alloy	Cast alloy

Figures in [] apply to models with five-speed automatic transmission.

¹ Top speed limited electronically.
² EPA-estimated figures are for comparison purposes only.
Your actual mileage will vary, depending on speed, driving habits, trip length and driving conditions; actual mileage will most likely be lower.



All dimensions shown in inches

Experience

Virtual Center
Owners' Circle
Financial Services

Start the adventure right.

Make the BMW driving experience uniquely yours by personalizing the Z4 roadster to suit your special needs and style. In addition to the many valuable standard features, there is a wide array of options and packages that enhance your vehicle's luxury, comfort, safety and performance. Each item is designed and built to the same high quality standards you expect of your BMW. So enjoy years of driving a vehicle tailored expressly for you. BMW gives you the choice. Don't compromise!



>> Virtual Center

Build the BMW of your dreams at bmwusa.com.



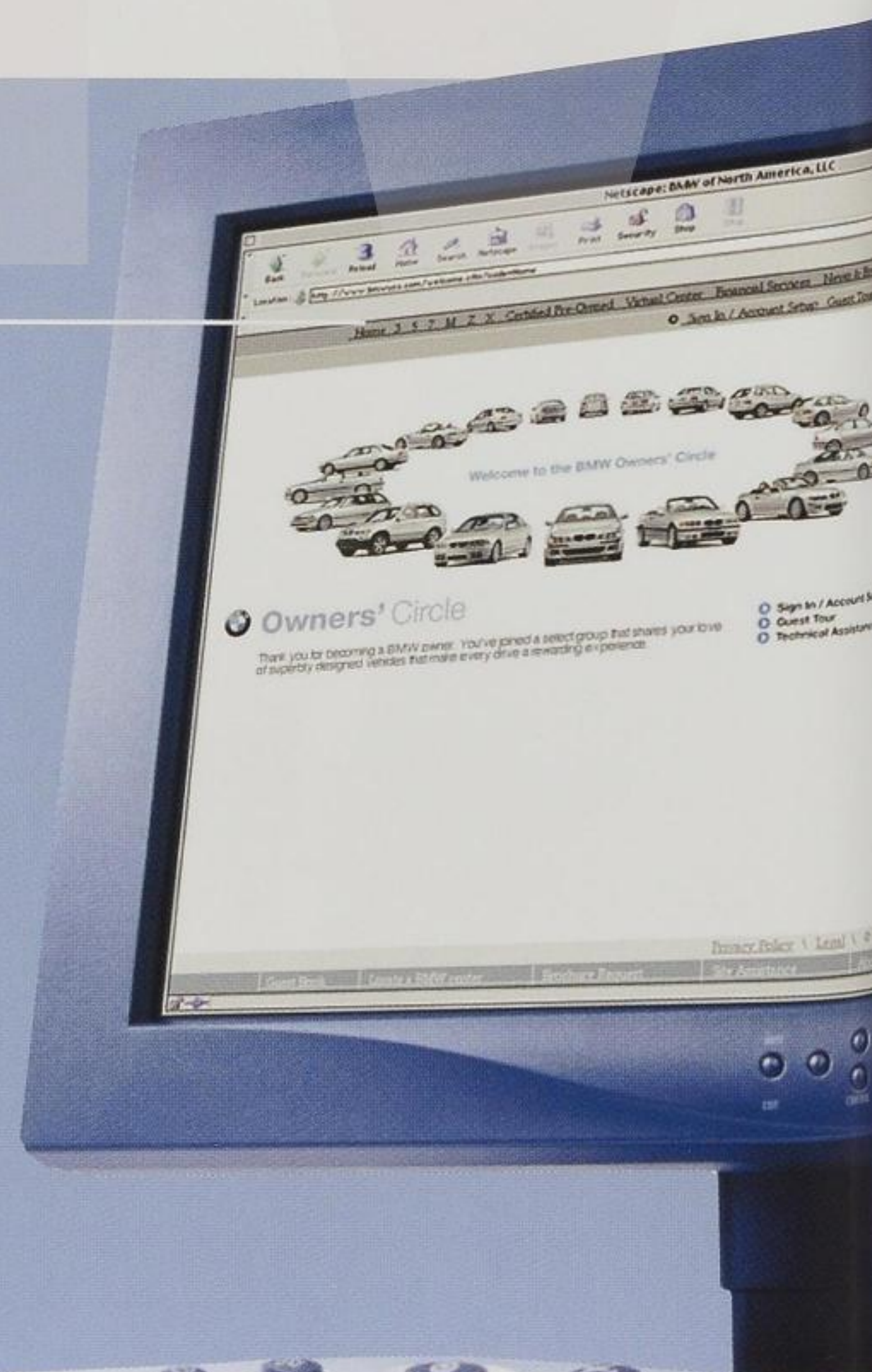
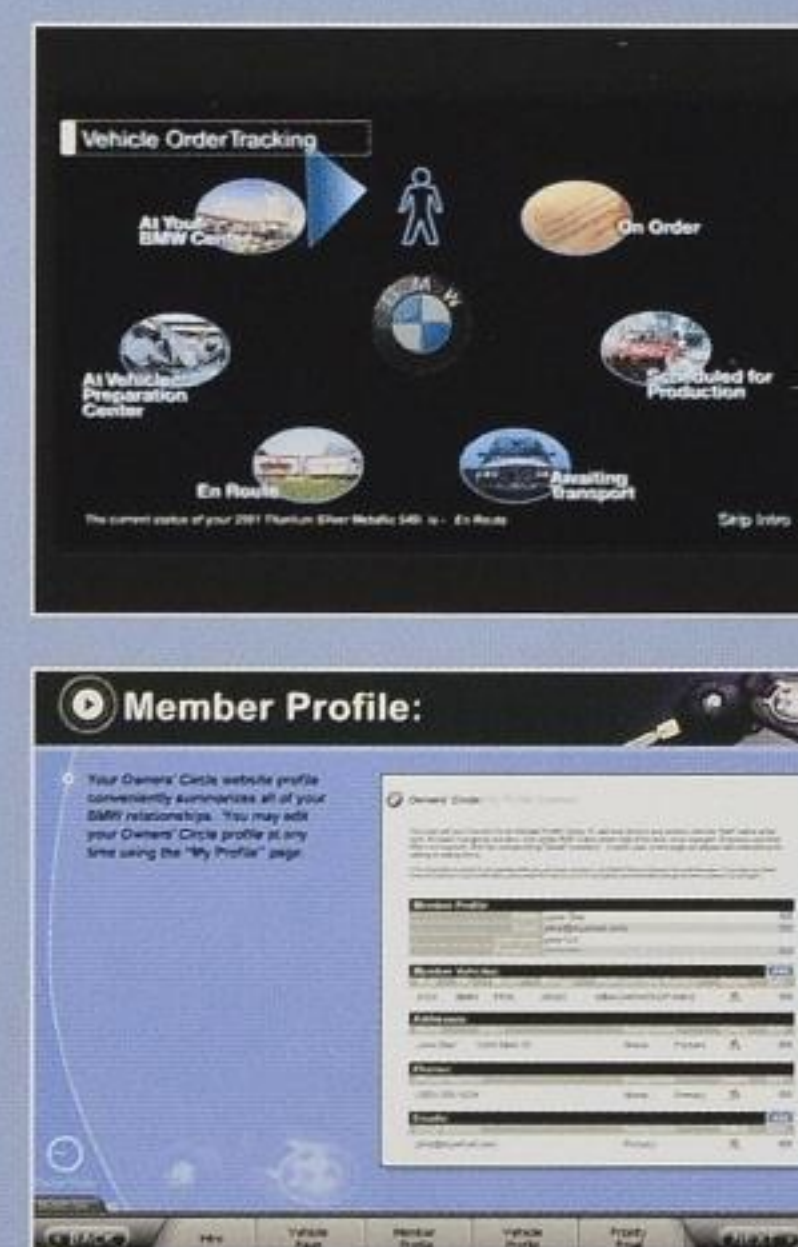
With the BMW Virtual Center, there is never an inconvenient time to shop for a BMW. Simply visit us at bmwusa.com. You can catch up on the latest BMW news, products and events. Then, build your own BMW. View it in different colors, with different options and interiors. When you have selected what you want, you can e-mail your vehicle choice and financial information to your preferred authorized BMW center. They will call back to arrange a test drive – and you are on your way to experiencing the joy of your dream vehicle!



>> Owners' Circle

Personalized, interactive Web pages, in a secure environment, are designed to enhance your BMW ownership experience.

BMW owners enjoy high performance in their vehicle – and in their ownership experience as well, with BMW's Owners' Circle. Accessed through bmwusa.com, this secure, owners-only site is filled with important, convenient and timely information. Here is where your vehicle maintenance records and BMW Financial Services account history are kept and updated. If you've recently ordered a new BMW, there's Order Tracking, where you can follow the progress of your vehicle as it's built and shipped. There's also a wide variety of informative features on interesting topics. For instance, check out "Frequently Asked Questions" about your model. Take advantage of BMW Rewards, available only to Owners' Circle Members. Receive special customer-only invitations and news of upcoming events. And much, much more. Interested? Simply click on Owners' Circle and take the guest tour. It's fun!



>> BMW Financial Services

Leasing, Financing – and so much more.

Arranging to buy or lease a BMW is easier than you may think. Your local authorized BMW center offers leasing and financing to suit your personal needs through BMW Financial Services.* Start the process at our website's Virtual Center, where you can build your "dream vehicle," get an estimate on a monthly lease or financing payment, submit a credit application to BMW Financial Services – and get approval – all on-line!

And now, BMW Financial Services lets you experience high-performance banking and credit card services. Apply today for the BMW Visa® Platinum Card and you can earn one BMW Reward Point for each dollar you spend. Then redeem your points for great BMW rewards, including up to \$5,000 back on your next BMW FS lease or loan, free extra lease miles, double points on gas, BMW merchandise, and more. Or, you can redeem points for air travel with no blackout dates, free hotel stays, and so much more. For more information, call, toll-free, **1-888-BMW-CARD**, or visit the website at bmwusa.com/banking.

BMW PersonalBanking offers checking, savings, money market, and CD's, with easy on-line access to all your accounts. For more information or to apply by phone for PersonalBanking, please call, toll-free, **1-877-BMW-3655** or visit the website at bmwusa.com/banking.

*Subject to credit approval.



BMW cares for you – and your investment.

One more benefit of driving the very best is that it tends to retain its resale value rather nicely – which is just one of the ways BMW represents an outstanding value. Here are some other value-enhanced BMW features:

Warranties

At BMW, durability and dependability are just as important as luxury and performance. This commitment to quality and customer satisfaction is clearly demonstrated by BMW's 4-year/50,000-mile New Vehicle Limited Warranty, and by its 6-year/unlimited mileage Rust Perforation Limited Warranty.¹

Full Maintenance is standard

BMW also wants to provide the pleasurable performance of your vehicle for years to come. That's why it comes with Full Maintenance as standard for 4 years/50,000 miles.²

BMW's vehicle design helps save you time, as well. The Service Interval Indicator lets you know when it is time to bring your vehicle to your authorized BMW center's Service department. Highly trained Service Technicians will perform the required maintenance on your vehicle. And should it require additional attention, it will receive only genuine parts from BMW – your assurance that whatever goes into your vehicle meets exacting quality standards.

Roadside Assistance Program

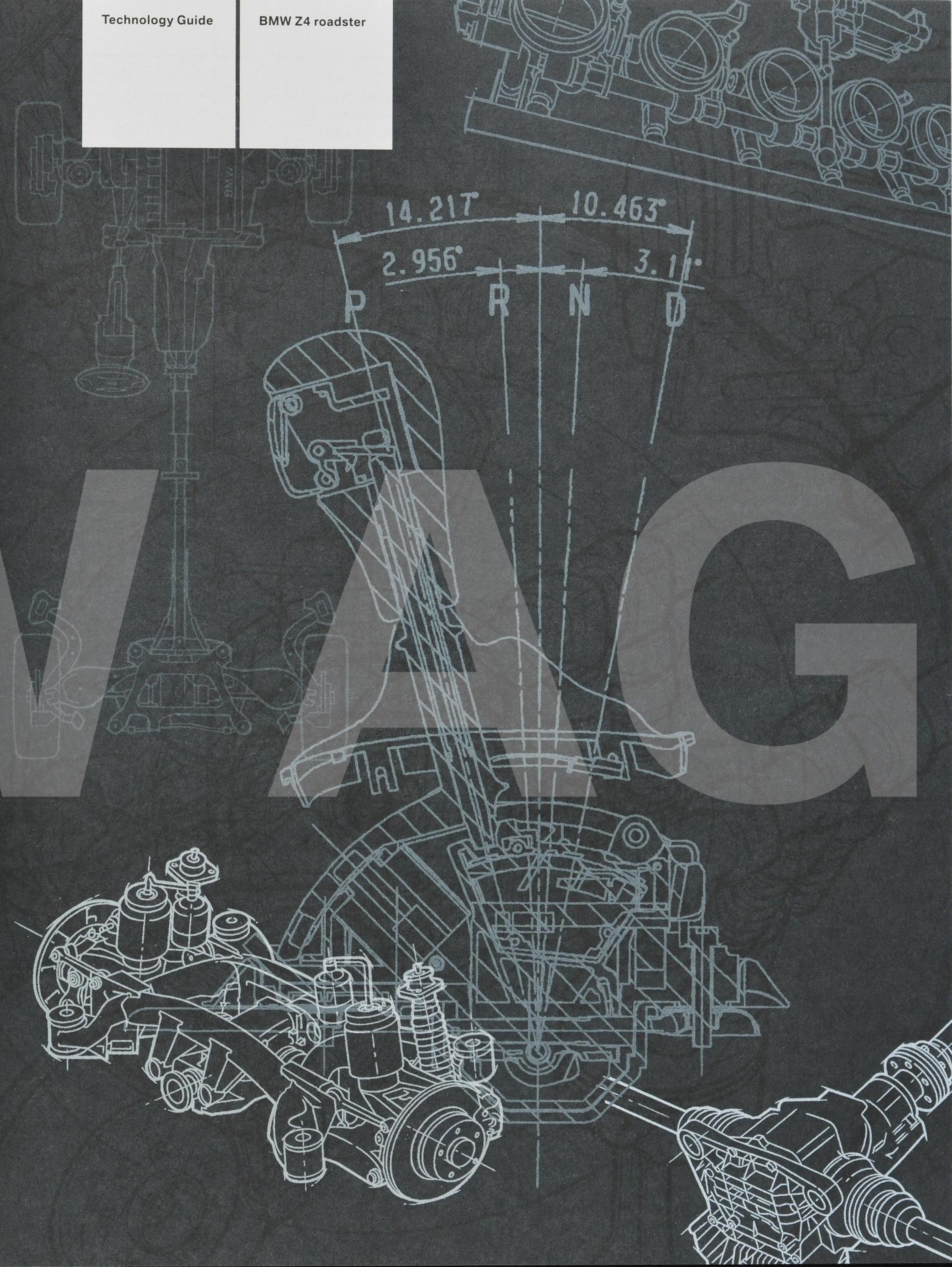
The pleasures of the BMW ownership experience continue on the road. You are always only a toll-free call away from BMW's Roadside Assistance Program.³ This friendly service provides emergency assistance 24 hours a day, anywhere in the U.S., Canada and Puerto Rico. The program provides towing, lock-out service, on-site assistance and even custom-computerized trip routing services.⁴ And for a nominal fee, the BMW Service Card extends this service after the New Vehicle Limited Warranty for as long as you wish.

¹ See your authorized BMW center for details on these limited warranties.

² Full Maintenance Program covers all factory-recommended maintenance, as determined by the Service Interval Indicator for 4 years or 50,000 miles, whichever comes first. Full Maintenance Program includes items that need replacement due to normal wear and tear, provided wear and tear exceeds BMW specifications. This includes items such as brake pads, brake rotors and wiper blades that are not covered by the original New Vehicle Limited Warranty. Any adjustments required due to normal operating conditions are also included. For exclusions and limitations, refer to the Service and Warranty Information booklet that came with your new BMW, or see your authorized BMW center for details.

³ Services provided by Cross Country Motor Club, Inc., Boston, MA 02155, except in Alaska, California, Hawaii, Oregon, Wisconsin and Wyoming, where services are provided by Cross Country Motor Club of California, Inc., Boston, MA 02155. Benefits may vary to conform with the laws of your state.

⁴ Specific benefits underwritten by Minnehoma Insurance Co., Tulsa, OK, under Policy # GAL-672-825-1280.



6-Cylinder Technology

Fig. 1

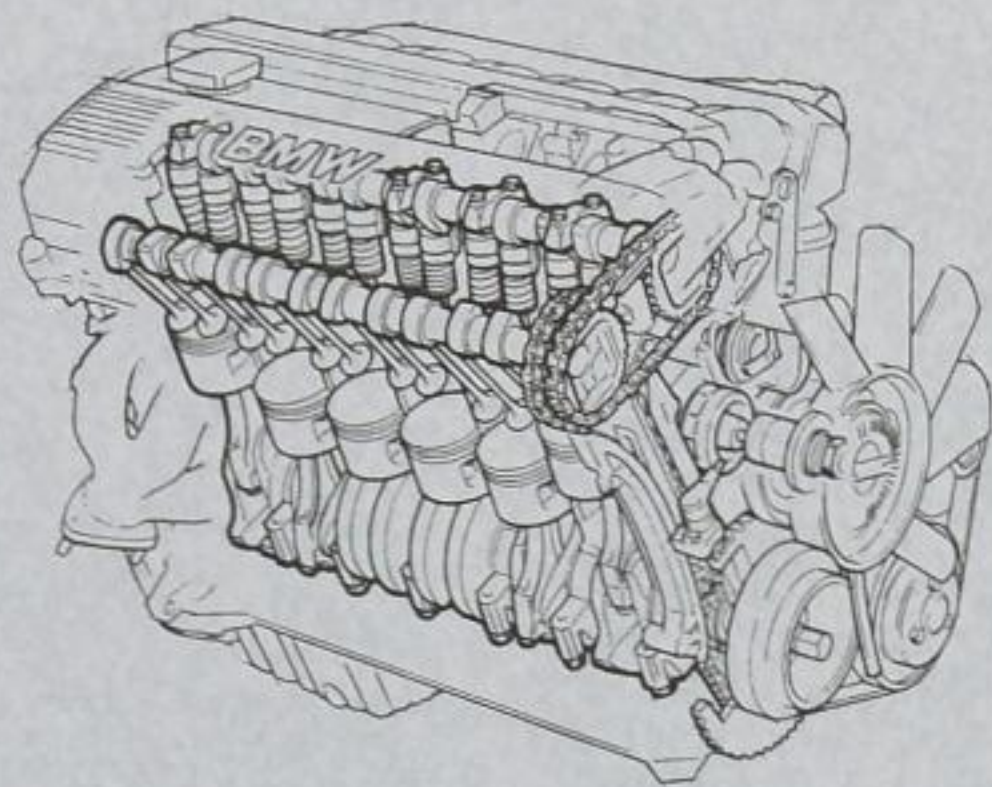


Fig. 1
BMW in-line six-cylinder engines are well known for their refinement, silky-smooth running characteristics, impressive torque at low and medium engine speeds, and free-revving nature. Thanks to advanced BMW engineering, these self-tuning engines offer a high degree of efficiency and lengthened maintenance intervals.

Fig. 2
Double-VANOS allows the engine to “step-lessly” choose valve timing for both intake and exhaust camshafts. Electronically controlled in response to engine speed, load and temperature, Double-VANOS maximizes engine response, efficiency and emission control. The benefit: more low- to medium-speed torque for strong acceleration and added flexibility for better highway performance, plus a quieter, smoother engine at idle.

Fig. 2

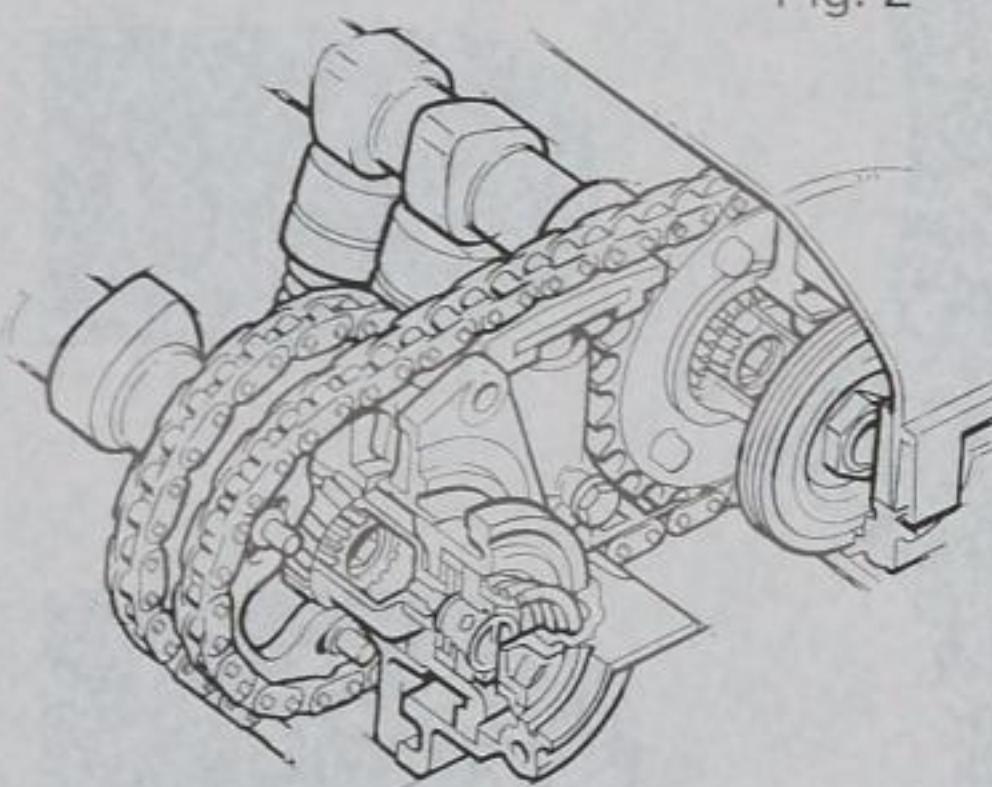
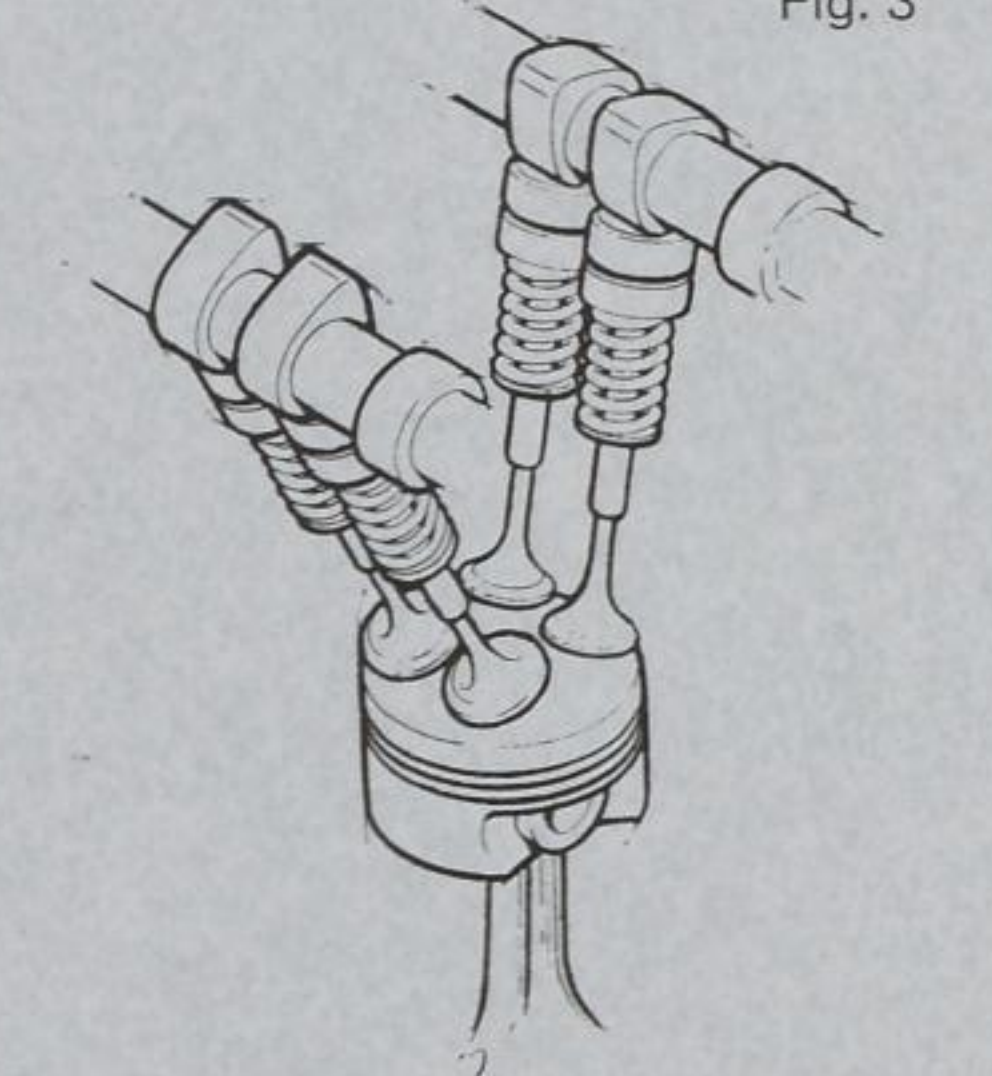


Fig. 3
With **four-valve technology** the cylinder head ports provide exceptionally low gas-flow restriction, optimizing the gas exchange for excellent low-speed torque and “free breathing” at high revs.

Fig. 3



Safety

Fig. 1

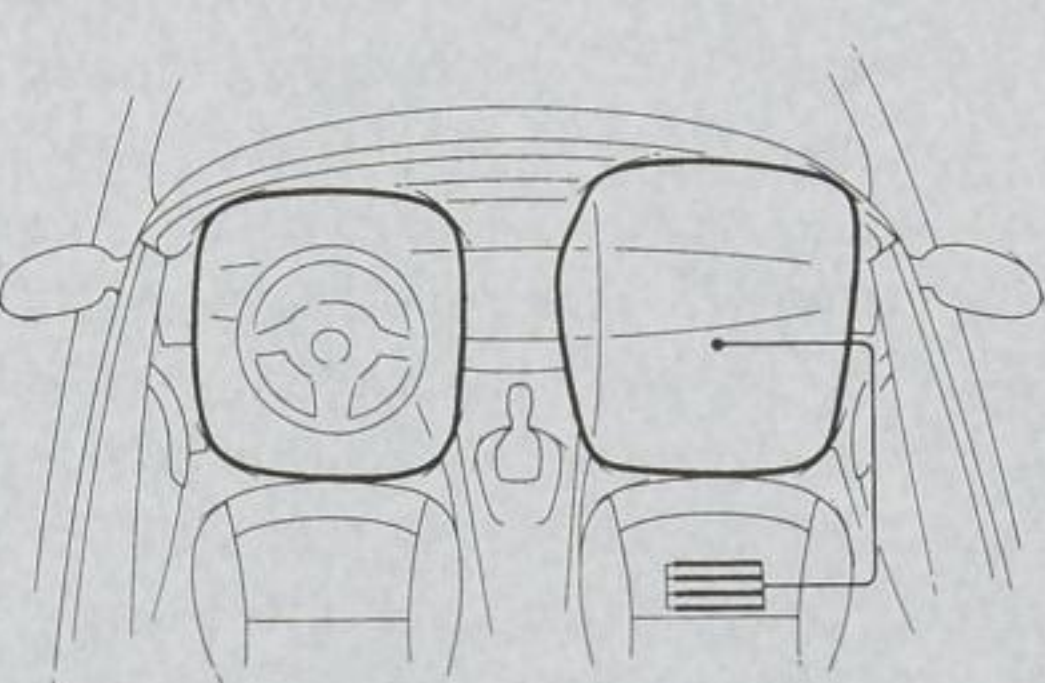


Fig. 1
“Smart” dual-threshold and dual-stage airbag technology monitors three functions: frontal impact severity; whether front safety belts are in use; and whether the front passenger seat is occupied. It then helps limit front airbag deployment to those impact situations where airbags have been shown to be most effective. When a safety belt is used, the airbags are designed to deploy at a higher speed than if a belt is not in use. And then, depending on the severity of the impact, the airbag will be deployed in either one or two stages, whichever is calculated to be most effective.

Fig. 2

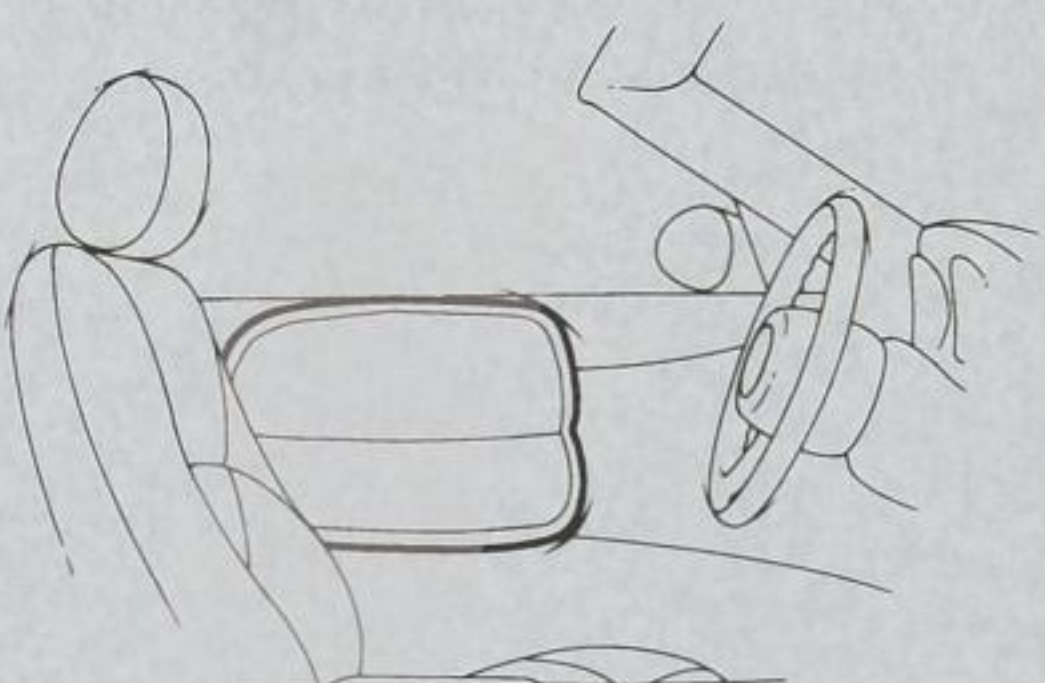


Fig. 2
In the event of a side impact, new crash sensors in the side doors immediately detect a change in pressure – more quickly than the conventional method of measuring actual deformation – and signal for the large-area, **door-mounted side-impact airbags** to deploy. The side airbags perform two important functions. First, they move the occupants away from the door, thereby reducing the force of the side impact on the body. Second, they help protect occupants from being hit by objects penetrating the Z4. A side airbag significantly helps reduce the risk of injury to the pelvis and chest.

Fig. 3

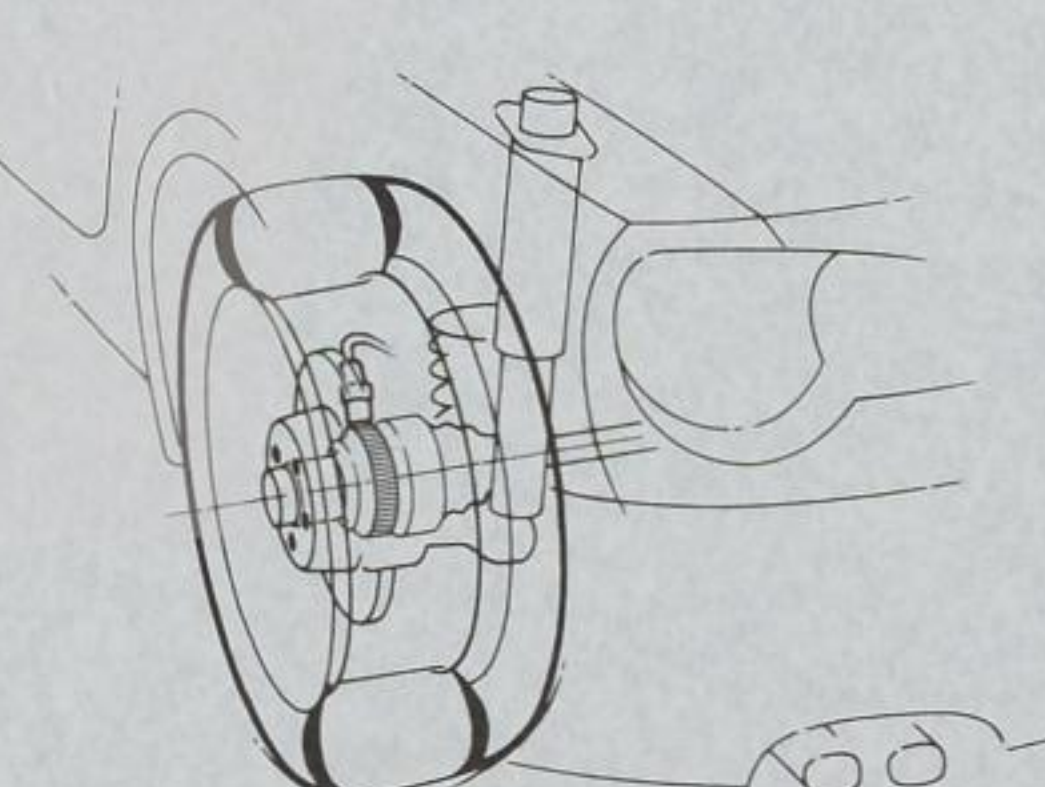
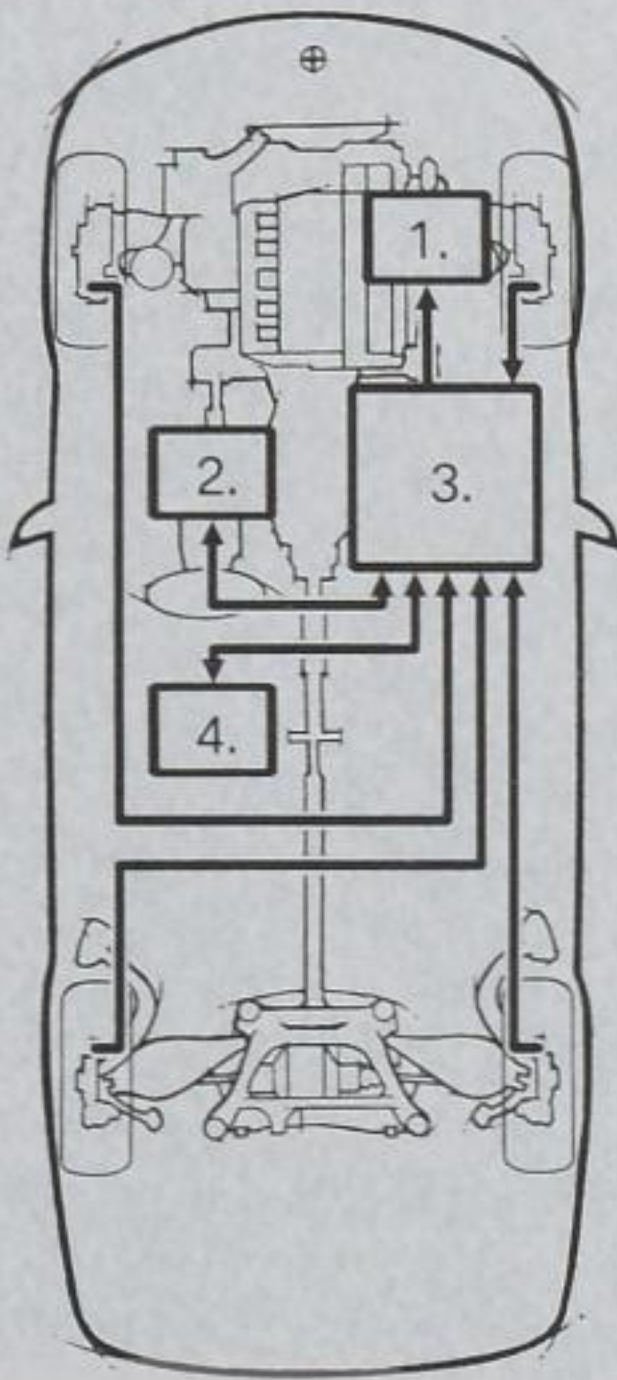


Fig. 3
To enhance safety when driving, the Z4 is fitted with **run-flat tires**. The side walls of these tires are reinforced, preventing a tire from going flat if the air pressure drops. Even if a tire suffers complete pressure loss, the car can still be driven at speeds of up to 50 mph for another 90 miles. This eliminates the need for tire changes in high-risk situations, such as on busy stretches of highway or at night, or for carrying a spare tire. Included with run-flat tires, the **Flat Tire Monitor** is an early warning system that detects impending tire problems. An indicator on the dashboard immediately warns the driver of any slight loss in pressure. Should tire pressure drop dramatically over a short period, the driver is also warned by a warning sound. The Flat Tire Monitor detects pressure loss by analyzing changes in the tire's diameter. This is calculated by changes in the number of wheel revolutions, as monitored by the DSC sensors.

Handling Systems

Fig. 1



- 1. Dynamic Stability Control: Pre-charge pump
- 2. Lateral acceleration sensor
- 3. Module (includes anti-lock braking and All Season Traction)
- 4. Yaw rate sensor

Fig. 1
All Season Traction, part of Dynamic Stability Control, provides better stability and control in slippery road conditions all year long – packed snow, ice, rain- or oil-slicked roads, and sandy or rough surfaces. The system continually processes data from the anti-lock braking wheel-speed sensors. Any time a rear “drive” wheel begins to lose traction, the system modifies the engine’s electronic throttle and ignition timing to reduce torque. It also can act on each rear brake individually or simultaneously, as needed, to bring wheelspin under control. Dynamic Traction Control aids driving in deep snow or sand.

Dynamic Stability Control, standard on the Z4, builds on All Season Traction’s tenacity on slippery road surfaces. Dynamic Stability Control sensors monitor front wheel rotation and steering wheel angle, yaw sensor and speedometer reading. If it senses over- or understeer, the system can modulate engine power and apply brakes individually to help keep the vehicle under control and going in the intended direction.

The Z4’s **electronic brake proportioning system** helps maintain balanced braking. When a vehicle comes to a stop, its effective weight distribution shifts from the rear to the front. (Weight distribution also changes with the number of people and amount of weight in the vehicle.) Anti-lock braking sensors measure the amount of slip at each wheel; the system then regulates pressure to the front and rear brakes accordingly. This makes the best use of the available braking traction at each tire, and helps distribute brake and tire wear more evenly.

Dynamic Brake Control is another important safety feature, crucial in extreme braking situations (such as when avoiding an accident). When it is necessary to build up brake pressure as quickly as possible, Dynamic Brake Control can speed up and reinforce this process, helping to provide the shortest possible stopping distance.

Fig. 2
The Z4’s exceptionally stiff, **lightweight chassis** now utilizes a variant of the acclaimed BMW 3 Series suspension. In front, forged aluminum lower arms reduce unsprung weight, improving the ride and handling on rough road surfaces. A 2.4-in.-wider track, evolved geometry and light-weight hollow strut rods contribute to the Z4’s enhanced performance over its predecessor. In the rear, a Central Link multi-link system – new to the BMW roadster – keeps the rear wheels at virtually ideal angles relative to the road, for more stable handling. In addition, the already-wide BMW roadster rear track has been increased by 1.2 in., and camber angles have been increased to enhance the Z4’s maximum cornering ability. Unsprung weight has been reduced by using aluminum upper transverse links. With special stabilizers, springs and shock absorbers, as well as a near-perfect 50% front/50% rear weight distribution, this new suspension perfectly complements the engine and transmission.

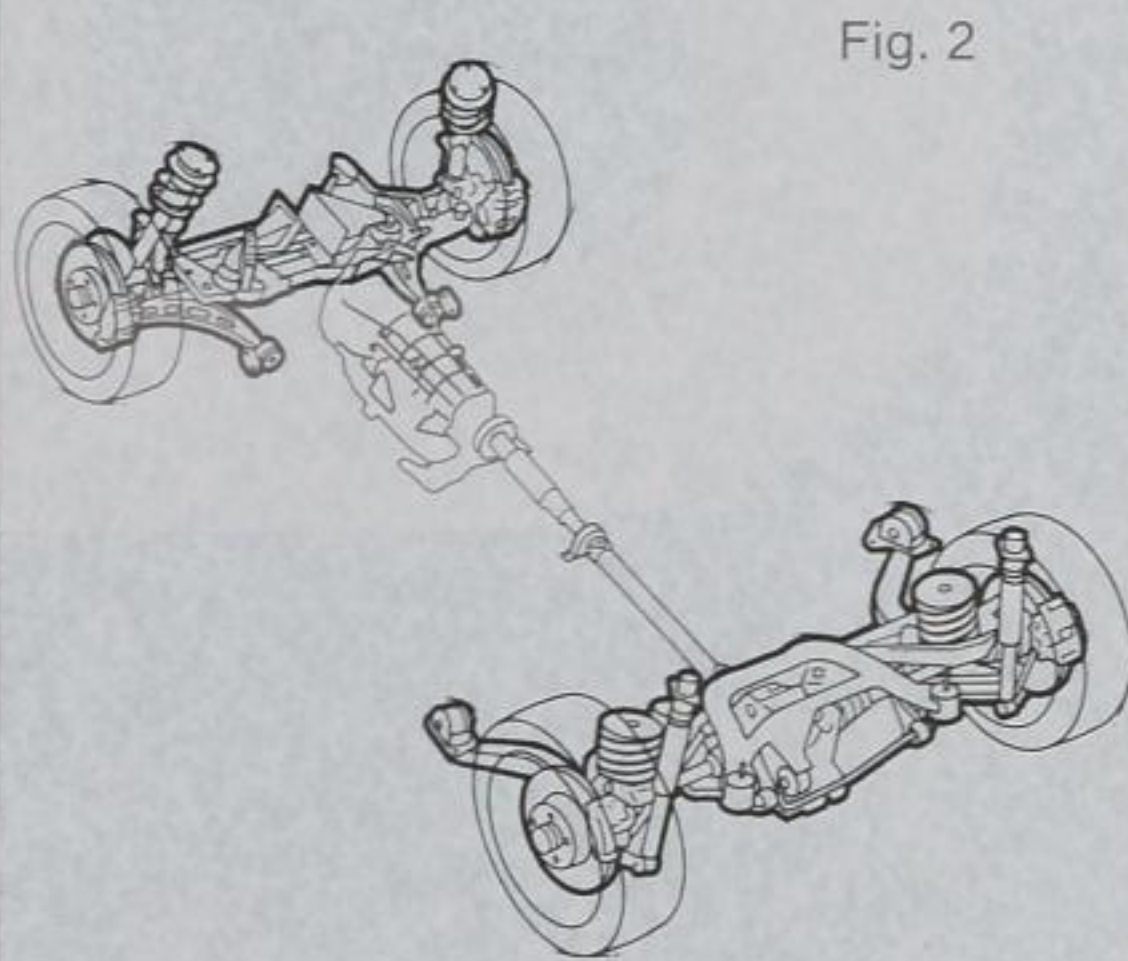
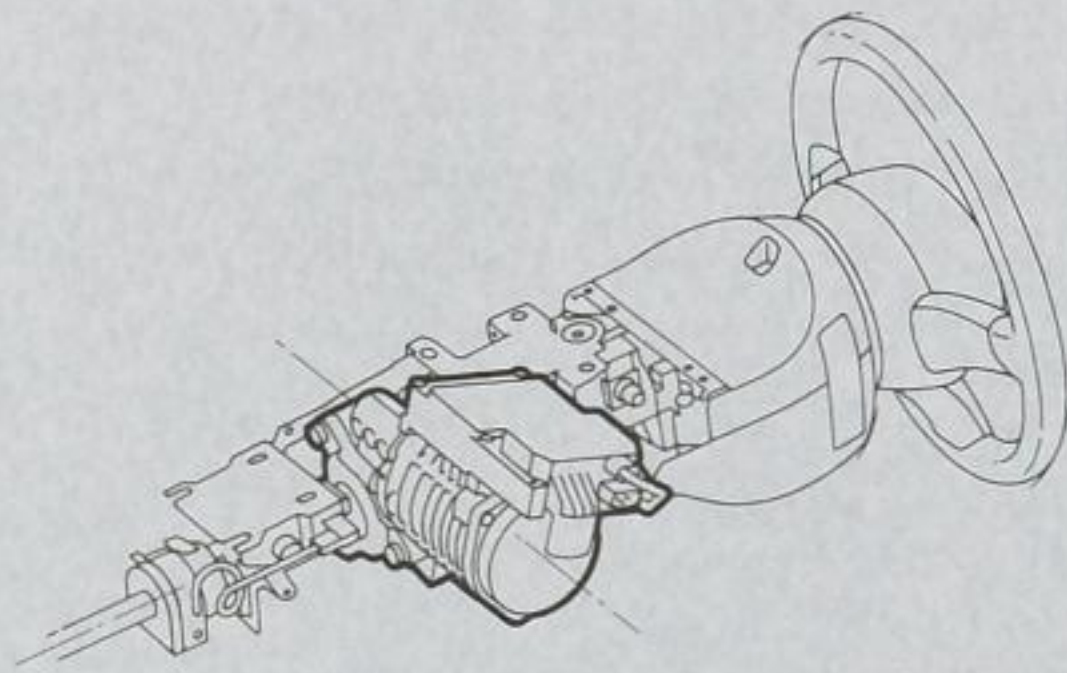


Fig. 2

Electric Power Steering



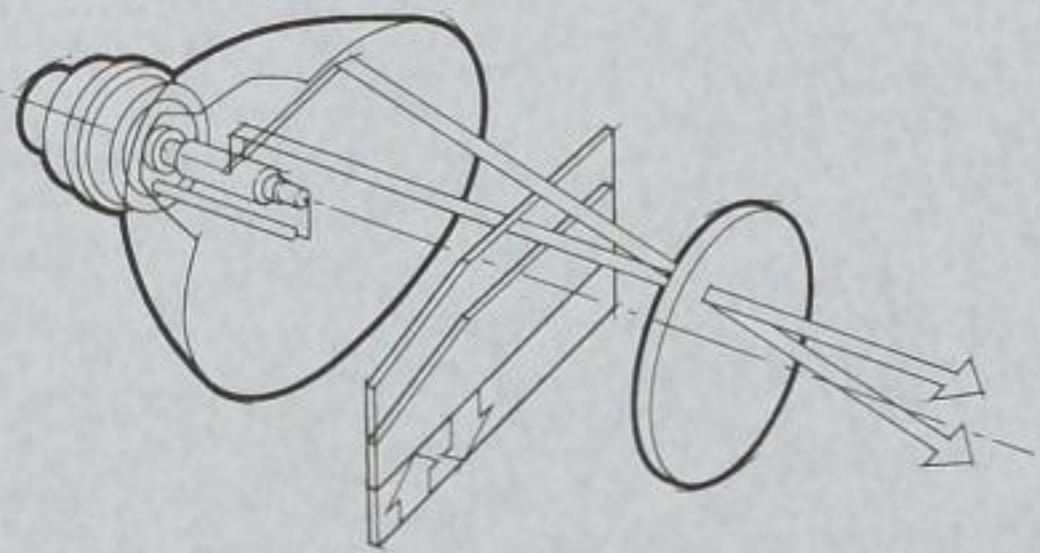
Electric Power Steering (EPS) is an electro-mechanical system that allows the Z4’s outstanding performance to be translated onto the road surface with optimum results by means of an extremely precise steering response. This exceptionally direct steering system includes speed-sensitive power assistance (Servotronic). The choice between Standard and Sport modes can be made at the press of a button.

Servotronic regulates the power steering in relation to the current speed of the vehicle. What this means, in practice, is that power steering is reduced at higher speeds. This produces an even more direct contact with the road surface and even greater steering precision. In addition, selecting Sport mode provides a more dynamic response.

Thanks to Servotronic, Electrical Power Steering combines exceptional steering performance with good dynamic response across the entire speed range. This means that steering interference from uneven road surfaces is reduced to an absolute minimum.

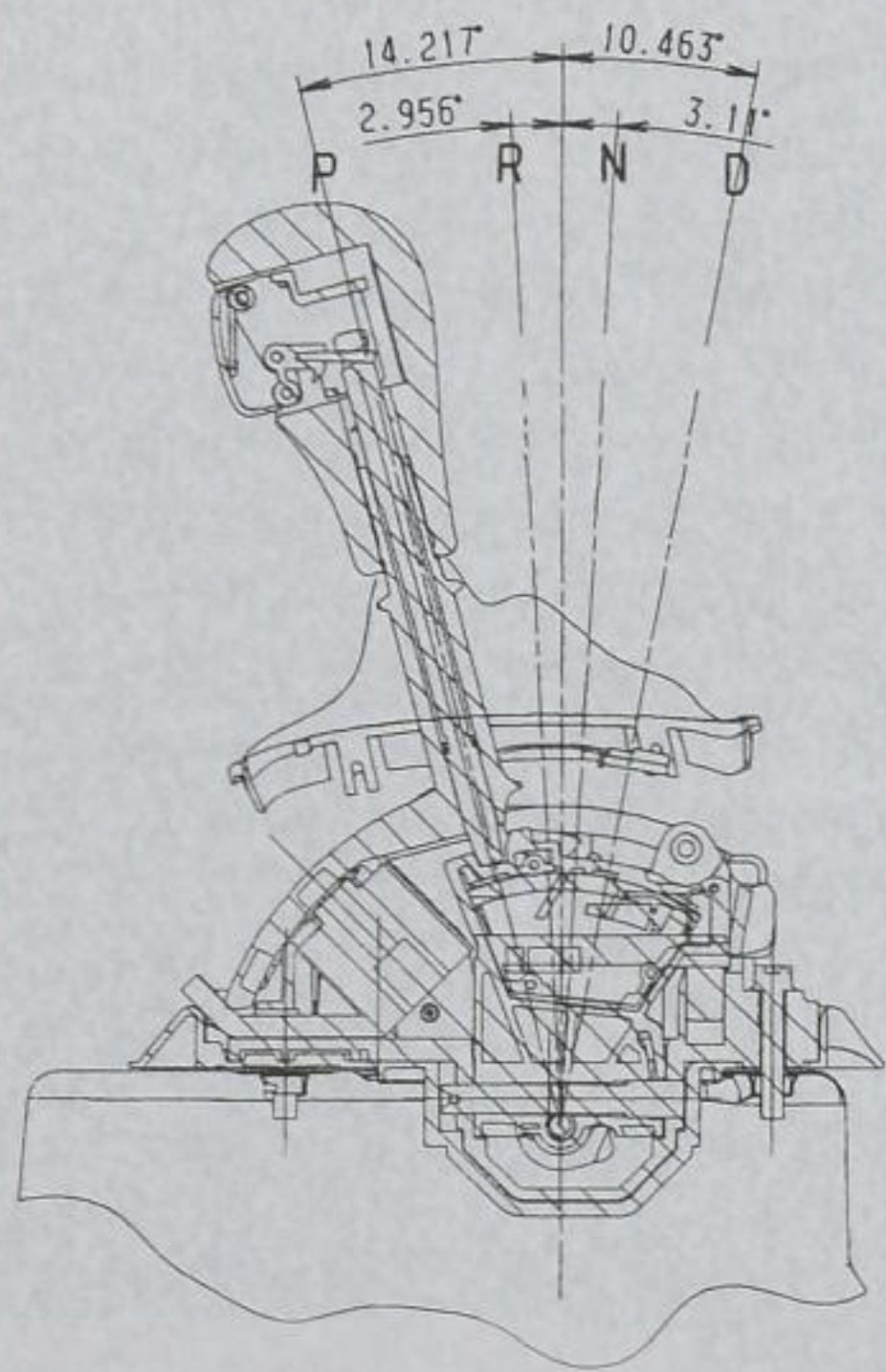
With **Driving Dynamics Control**, the engine’s response to the accelerator pedal is different, and steering takes on a more lively character. This mode is activated by pressing the “Sport” button to the left of the gear shift/selector lever. The increased spontaneity in power development is made possible by a more dynamic regulation of the throttle butterflies. Meanwhile, more progressive power steering – meaning less assist at higher road speeds – ensures optimal handling. This means that the Z4 responds faster to every touch of the accelerator pedal and provides a more agile driving experience overall. And if the Z4 is fitted with optional Sequential Manual Gearing (SMG) or a 5-speed automatic with STEPTRONIC transmission, the Sport mode allows for quicker gear changes.

Xenon Headlights



Optional xenon low- and high-beam headlights illuminate the road ahead and to the side with brilliant clarity, and in greater detail than conventional headlights. Often referred to as “High Intensity Discharge,” or HID lights, xenon lights use less energy and are expected to last longer than other types of headlights.

Transmission



The Z4 2.5i includes, as standard, BMW's smooth-shifting **five-speed manual transmission** with a direct-drive fifth gear. A **self-adjusting clutch** is designed to keep pedal effort constant. This not only assures the same driving feel over the life of your vehicle, it also provides a longer clutch life. Combined with the transmission's **lifetime fluid**, which never needs changing, this reduces the need for servicing over the long term.

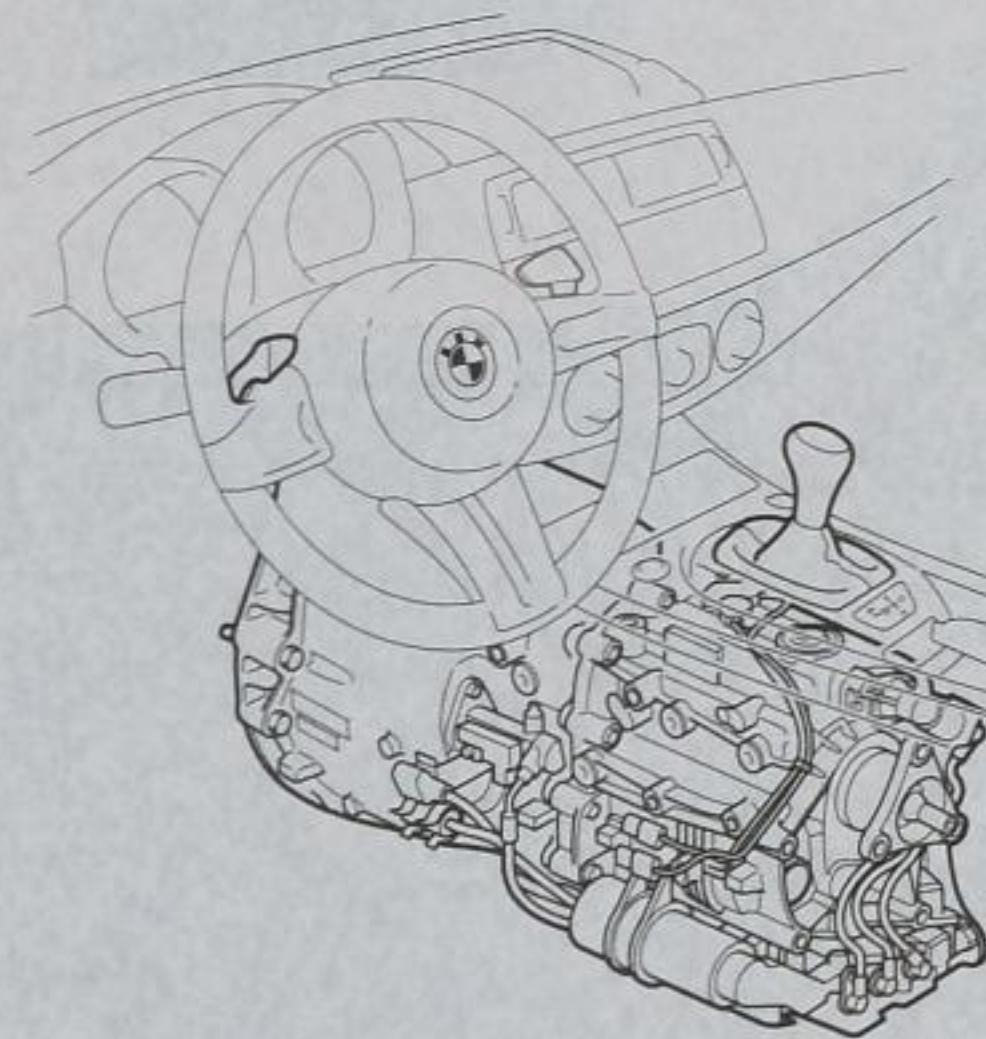
The Z4 3.0i introduces an all-new **six-speed manual transmission** as standard. Compared to the gearbox of its predecessor, Z4 3.0i drivers will enjoy a greatly enhanced synchronization of shifts and a sportier shifting feel, thanks to a shorter shift lever and “throw” from neutral to each gear – perfect for the sport driving characteristics of the Z4 roadster.

BMW's optional **five-speed STEPTRONIC transmission** features three modes of operation. Put the selector in “D” and let **Adaptive Transmission Control** take over. It automatically “learns” and adapts its operation to how the vehicle is driven. By tracking accelerator pedal movements, Adaptive Transmission Control recognizes how aggressively or gently you drive – and shifts gears accordingly. It also detects steep downhill driving, slippery conditions, stop-and-go traffic,

and cornering, which are then factored into the shift patterns.

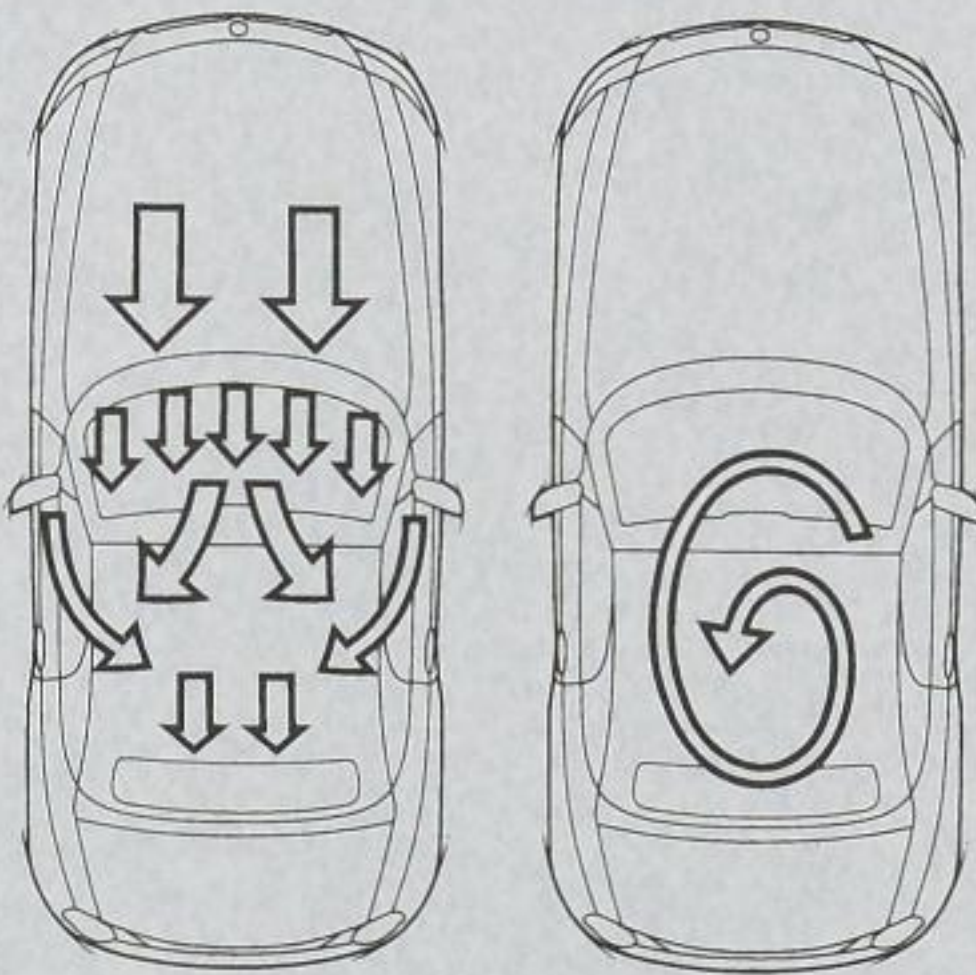
The **Sport** mode is engaged by moving the selector lever left from “D” to a second gate. Sport mode allows the engine to shift at higher rpm, for sportier driving. You may also choose **STEPTONIC clutchless manual shifting**. From the “Sport” mode, simply tap the lever backward (upshift) or forward (downshift) to select another gear ratio.

Sequential Manual Gearbox



For drivers who want to shift without a clutch, like a Formula One-style racer, a new six-speed **Sequential Manual Gearbox (SMG)** transmission is available as an option. With SMG, a quick flip of the paddles above the steering wheel sends the Z4 roadster surging through the gears. Or simply tap the center-console-mounted shift lever forward for downshifts and rearward for upshifts. In heavy traffic, the driver can switch to an Auto-matic mode, where the system automatically selects gears.

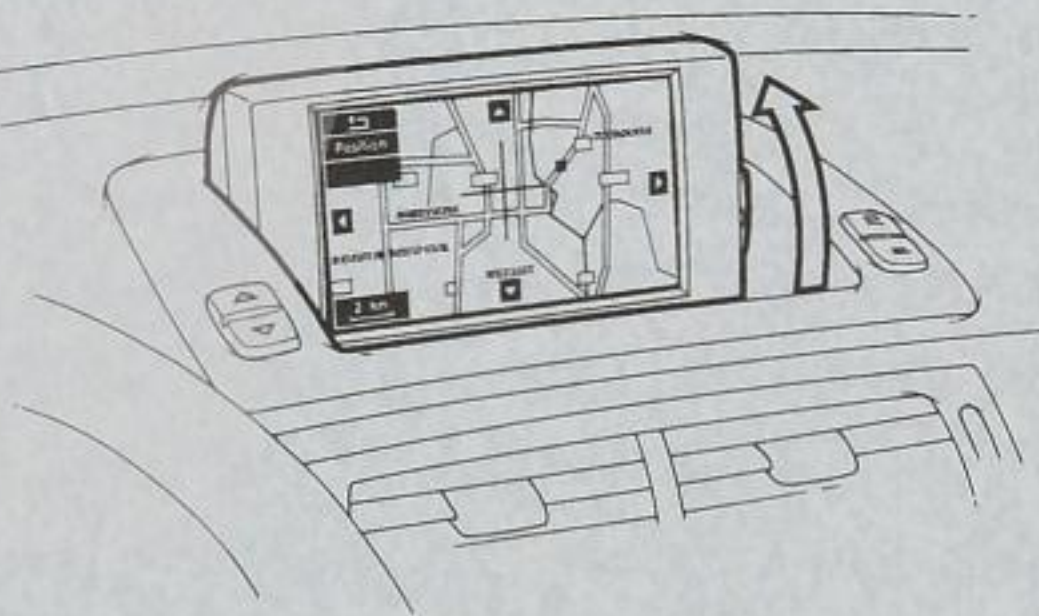
Air Conditioning



As the cooling component of the **Manual climate control** system, the CFC-free **air conditioning system** provides a comfortable interior environment in warmer weather. Additionally, the **micro-filter ventilation** system significantly helps to reduce contaminants contained in the air from entering the cabin.

In addition, the optionally available CFC-free **automatic climate control** with solar sensor offers the advantages of automatic regulation. The temperature inside the vehicle can be precisely set and individually adjusted, regardless of the outside temperature. The solar sensor measures the precise angle of the incoming sunlight, enabling the automatic climate control to attain and maintain optimum temperatures even faster. The package also includes a memory function for manually setting the inside temperature, air volume and distribution to individual levels. With automatic recirculation control, when a sensor detects certain pollutants in the air, such as carbon monoxide or ethanols, it automatically switches to recirculating air. Twin **active-charcoal micro-filters** help reduce air pollutants, such as dust and bacteria, and odors, such as diesel fumes, from entering the cabin.

Navigation System



An **on-board navigation system**, new and optional in the Z4 roadster*, covers the entire United States with a single DVD. In vehicles equipped with this system, a flip-up, glare-free monitor is mounted atop the dashboard. When not in use, it retracts back down, out of sight. The detailed map on the dash monitor shows and tells the direction to the desired destination.

The navigation system combines information received from Global Positioning System (GPS) satellites, the wheel speed sensors, and a DVD map of the area, to pinpoint the vehicle's location. (The map DVD is loaded into the system's trunk-mounted player. A DVD covering the U.S. is included) The system also indicates and helps guide the driver to key destinations such as police, hospitals, hotels, restaurants, shopping malls, gas stations and more.

When emergency assistance is needed, the on-board navigation system can display the vehicle's current location.

The navigation system is available with an in-dash single-disc CD player.

* Requires 4-function on-board computer or Convenience Package on Z4 2.5i roadster.

BMW Technology Guide	When you look beyond the sleek lines and sophisticated interior, it is the technological wonders you often cannot see that separate a BMW from all other makes. Sometimes BMW introduces a major new feature, such as Dynamic Stability Control. Often, BMW engineers enhance existing technologies, making them that much better. Over the years, these changes, large and small, have helped BMW create and maintain its reputation as “The Ultimate Driving Machine.®” To interact with these and other technologies, and for more information, please refer to our website at bmwusa.com . ■

BMW and the environment.

BMW is a strong proponent of the environment and social responsibility. It is important to manage the earth’s resources responsibly, and not jeopardize the needs of future generations. That is why BMW makes vehicles that minimize adverse environmental impact, from production (pollution prevention and waste minimization at the plant) through owner use (low emissions) to eventual disposal (recyclable components).

This effort has been recognized worldwide, and as a result, we are pleased to have received numerous environmental honors. In the U.S., for example, the Environmental Protection Agency accepted BMW’s Spartanburg, SC production and manufacturing facility as a charter member of the agency’s National Environmental Performance Track – and the only automotive company to be included. Internationally, BMW AG – the parent company of both BMW of North America and the Spartanburg plant – was the first automotive company to be represented on the Dow Jones Sustainability Group Index, and has remained on the Index ever since. At BMW, we strive for high performance in everything we do.

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