



Mercedes-Benz

The new E-Class Coupe

Press Information

Intelligence in its finest form

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At a Glance: Highlights of the new E-Class Coupe

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The descriptions and information in this press kit apply to the international model range of Mercedes-Benz. They may vary from country to country.

At a Glance: Highlights of the new E-Class Coupe

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- Hot and cool – the E-Class Coupe shows a further development of the Mercedes-Benz design idiom with its puristic, surface-accentuated lines
- The new Coupe is considerably longer, wider and higher than its predecessor, improving spaciousness and comfort in the rear
- The Coupe has more legroom in the rear, ensuring long-distance comfort for four occupants on four fully-fledged seats with Coupe-specific design
- New highlights create a high-quality ambience in the sensuous and luxurious interior. They include air vents in a new turbine look, new *designo* interior packages and two new trims with matching center consoles
- The rear taillamps have a new welcoming light effect and an innovative crystal look
- The intelligent washer/wiper system MAGIC VISION CONTROL[®] achieves an optimum cleaning effect without any vision obscuring flood of water, and is fully heated
- The new E-Class Coupe features all the intelligent innovations of the E-Class Sedan. These include the optional 12.3" digital instrument cluster and standard 12.3" COMAND Navigation system, Touch Control Buttons, comprehensive Smartphone Integration, the extended Driver Assistance Systems, Car-to-X Communication, AIR BODY CONTROL suspension and LED Intelligent Light System

Stylish and sporty

With its expressive Coupe-esque proportions, clear and sensual design and long-distance comfort for four people, the new E-Class Coupe combines the beauty and classic virtues of a grand tourer with state-of-the-art technology. It also offers the intelligence of the E-Class family with full Smartphone Integration, a new cockpit concept and the latest driver assistance systems. A powerful engine and comfortable suspension system with selective damping provide the guarantee of a sporty and agile driving experience.

After the introduction of the world's most intelligent sedan and wagon, the successful E-Class family now welcomes another new member: the Coupe. Based technically on the sedan, the sportily exclusive Coupe marks a next step in the evolution of the Mercedes-Benz design idiom. With its perfect proportions, the new Coupe exhibits a puristic, surface-accentuated design with reduced lines and sensuous forms. Both hot and cool, the reduced design idiom represents beauty and elegance while emphasizing the Coupe's sporty and luxurious personality.

The Coupe-esque proportions typical of Mercedes-Benz are characterized by a distinctive front end with low-positioned grille and central star, a long hood with powerdomes, and a muscular rear-end. The dynamic looks are underlined by four frameless, fully retractable side windows and the absence of a visible B-pillar. With these clear forms, the design of the Coupe conveys an air of luxury and style alike.

World premiere: welcoming function of the rear lights

Equally typical of a Mercedes Coupe are the two-part, extremely flat LED taillamps, which, in combination with the LED Intelligent Light System, celebrate the world premiere of the 'welcoming function.' When the vehicle is opened, the taillamp LEDs illuminate successively from the center of the vehicle outwards. On locking the vehicle, the light sequence runs in the opposite direction. Additionally, both are combined with an up and down dimming feature. This taillamp show welcomes and says goodbye to the vehicle user. Thanks to innovative crystal optics, the taillamps also have a brilliant appearance reminiscent of the glow of a jet engine.

The interior of the new E-Class Coupe embodies the synthesis of sporty emotion and luxurious intelligence.

The 12.3-inch COMAND® display with a high resolution is equipped as standard. – A 12.3-inch digital instrument cluster is optionally available and is merged beneath a shared glass cover creating a widescreen that appears to be floating in thin air while simultaneously blending in smoothly between the upper and lower sections of the cockpit.

As the key design element it emphasizes the width, as does the fascia-spanning trim, which terminates with a dynamic sweep in the door panel. The optional instrument cluster in the driver's direct line of vision shows virtual instruments which can be represented in three different styles: Classic, Sport and Progressive.

A decidedly sporty touch is also provided by the air vents, whose design in silver shadow is inspired by turbine blades.

Touch Control Buttons on the steering wheel enable the driver to control the instrument cluster and multimedia system using finger swipes without having to take a hand off the steering wheel. Additional controls come in the form of a touchpad with controller in the center console, which can also recognize handwriting, plus the voice control system. There are also direct-access buttons for controlling the air conditioning, for example, and for convenient activation and deactivation of certain driver assistance systems.

The highly luxurious seats in the Coupe take their cue from the Sedan. The sporty individual-seat characteristics find their distinctive impression in all four seats.

High-grade materials and contemporary color landscapes come together to create a sporty, contemporary luxury. The attractive appointments in yacht blue in combination with macchiato beige lend the vehicle a cool, exclusive yachting look. Especially for the E-Class Coupe, there is a choice of two new, light wood trim in Natural Grain wood and high-gloss finishes. Precisely executed seams give emphasis to the seat design. The wide range of exterior paint finishes is harmoniously attuned to the modern interior color schemes.

The interior lighting makes exclusive use of durable, energy-saving LED technology. The same applies to the optionally available enhanced ambient lighting with 64 colors.

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Suspension – sporty comfort

The suspension on the new E-Class Coupe offers agile driving pleasure on winding roads together with exceptional ride comfort. The Coupe comes as standard with a lowered suspension with selective damping. In the interests of a sporty look, the suspension is 0.6-inches lower than on the Sedan's Luxury Line and is tuned for comfort with an amplitude-dependent damping system.

AIR BODY CONTROL multi-chamber air suspension

Alternatively, the new E-Class Coupe can be equipped with multi-chamber air suspension, including all-around roll/pitch/heave stabilization. Advantages of this system include three chambers of different size in the spring struts of the rear axle and two in the spring struts of the front axle make it possible to control the hardness of the suspension in three stages. In this way, the occupants enjoy soft basic suspension, along with the secure feeling of strong handling stability at higher speeds.

The multi-chamber air suspension is augmented by a continuous, electronically controlled adaptive damping system. The damping at each individual wheel is adjusted fully automatically to suit the current driving situation and condition of the road – such as in the case of evasive maneuvers or on rough tracks. The system therefore delivers good ride comfort along with excellent driving dynamics. Using the DYNAMIC SELECT switch, the driver can also select different suspension characteristics in combination with the AIR BODY CONTROL system: Comfort, ECO, Sport, Sport+ and Individual.

DYNAMIC SELECT – choose your own driving characteristics

However, the DYNAMIC SELECT system not only makes it possible to select the suspension characteristics with AIR BODY CONTROL, but it also enables the driver to influence other vehicle settings – such as the throttle response, ECO Start/Stop function, shift points of the automatic transmission and more. Depending on the equipment level, DYNAMIC SELECT provides the following transmission modes: Comfort, ECO, Sport, Sport + and Individual. "Individual" allows drivers to configure their own preferred vehicle settings.

A new era of connectivity and digitalization is marked by the infotainment system in the E-Class Coupe with COMAND® Navigation. It is possible to use Apple's smartphone-based infotainment system CarPlay® as well as Google's Android Auto™.

Mercedes me Concierge Service: personalized attention

A further comfort highlight is the new mbrace Concierge Service, in combination with Mercedes me. Subscribing customers are able to use numerous individual services: from making a restaurant reservation to obtaining tips about tourist routes, information on cultural and sporting events and bookings through to sending navigation destinations directly to the vehicle.

E-Class innovations on board

As a member of the current E-Class family, the new Coupe is significantly more intelligent than its predecessor. It comes with all the features of the E-Class, the most intelligent executive sedan. Active Brake Assist, equipped as standard, is able to warn the driver of an imminent collision, provide optimum support with emergency braking and, if necessary, assist with applying the brakes. In addition to detecting slower-moving, stopping or stationary vehicles, it can also detect pedestrians crossing ahead of the vehicle.

Other driver assistance system highlights include Active Distance Assist DISTRONIC® and Active Steering Assist, which are not only able to keep the car at the correct distance behind vehicles in front on all types of roads and follow them automatically at a range of speeds.

Other intelligent systems are also available for the E-Class Coupe, including:

- Optional LED Intelligent Light System. These headlamps, each with 72 individually activated LEDs, automatically illuminate the road surface with precision-controlled distribution of exceptionally bright light – without dazzling other road users.
- MAGIC VISION CONTROL® – an intelligent and highly efficient wash/wipe system for the windscreen. The wiper blade always delivers washer fluid directly in front of the wiping edge, via the water feed line integrated into

the blade – and it does this in both wiping directions. The result is that there is no surge of water when fluid is sprayed, so that the driver's vision is not impaired, and the maximum cleaning effect is achieved. The complete MAGIC VISION CONTROL system, including the wiper blades, is heated at low temperatures to prevent snow or ice from sticking in winter.

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E-Class Coupe with tradition

As an exclusive and sporty Coupe, the latest member of the E-Class family can look back on an almost fifty-year history. Its first ancestor was unveiled by Mercedes-Benz in 1968 (at that time known as the "Stroke Eight" Coupe). Further model series followed – under the CLK model line for a while. Each generation combined superb design with agile sportiness and contemporary luxury at a high level.

The Mercedes-Benz management team on the E-Class Coupe

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"Our new E-Coupe will thrill self-assured car lovers who are looking for fascinating design accompanied by the latest technology. This above all includes efficient drive and suspension technology at the highest level, intelligent driving assistance systems and most modern connectivity. The new E-Class Coupe also offers the long-distance comfort of classic Gran Turismo cars."

- Ola Källenius, Member of the Board of Management of Daimler AG, responsible for Group Research and Mercedes-Benz Cars Development

"With its clear, aesthetic lines, our new E-Class Coupe appeals equally to the heart and mind. It combines contemporary luxury, agile sportiness and technology at a high level, while offering our customers exclusive, refined driving pleasure. It therefore meets the wishes of individualists who appreciate something special."

- Britta Seeger, Member of the Board of Management of Daimler AG, responsible for Mercedes-Benz Cars Sales

"Our E-Class Coupe shows the next stage in the further development of our design idiom. Boasting seamless proportions, it embodies a puristic design with an emphasis on surfaces, reduced lines and sensual forms. This reduced design idiom is "hot" and "cool" at one and the same time."

- Gordon Wagener, Chief Design Officer Daimler AG

Sheer passion for design

The design of the new E-Class Coupe exudes modernity and luxury, reflecting the values of the premium brand.

The new E-Class Coupe shows a further development of the Mercedes-Benz design idiom with its puristic, surface-accentuating design, reduced lines and sensuous forms. Its design systematically follows the principle of sensuous clarity, presenting the Coupe as an aesthetically pleasing and modern work of art. Both hot and cool, it exudes luxury and elegance while underscoring its sporty personality.

Athletic dynamism with perfect proportions

A striking front section with a low grille and central Mercedes-Benz star merges into a long hood with powerdomes, emphasizing the sporty nature of the Coupe. The stretched, dynamic look is underlined by frameless side windows and the absence of a continuous B-pillar. A high beltline delineated in polished anodized aluminum emphasizes the sporty appearance.

The puristic design philosophy with reduced lines characterizes the sensuous side surfaces. Only a gradually rising balance line structures the side wall and door. All details are carefully balanced, emphasizing the high quality and exclusivity of this model. With these clear forms, the design of the Coupe conveys an air of luxury and modernity alike.

As on all Mercedes-Benz sports cars, the mirror bases are mounted on the waistline of the E-Class Coupe.

The Coupe is fitted with 18-inch wheels as standard, with additional options for 18-in or 19-in wheels.

The central feature of the front section is the single-louvered diamond-block grille with an integrated central star and tips in high-gloss black (chromed tips for AMG Line). A dynamic bumper with a chromed front wing and width-emphasizing air inlet with a diamond-pattern mesh rounds off the front end.

The intelligent technology of the new E-Class Coupe is also reflected in the headlamps. The daytime driving lamps take the form of a double eyebrow as a characteristic light signature. The E-Class Coupe is standard-equipped with LED headlamps, with the optionally available LED Intelligent Light System. These each use 72 individually controlled high-performance LED modules to illuminate the road surface automatically with an extremely bright and precisely directed beam of light, without dazzling other road users.

Muscular rear end

The rear end is dominated by an extended, sensuously sculpted and muscle-like shoulder above each wheel arch. Extremely flat, two-part taillamps with LED technology, a typical feature of Coupe models, plus separate reflectors, create an impression of width and differentiate the Coupe from the Sedan.

The taillamps also have a brilliant appearance reminiscent of the glow of a jet engine. This crystal effect is achieved by reflector technology with a special surface structure.

Beautiful and functional: optimal aerodynamics

The emotional design of the new E-Class Coupe also impresses with functional qualities. Impressive aerodynamics put the new E-Class Coupe at the same level as its already aerodynamically outstanding predecessor – despite a much larger front cross-section and larger wheels.

A new dimension in top quality

The interior of the new E-Class Coupe provides long-distance comfort for four occupants and embodies the synthesis of sporty emotion and luxurious intelligence.

With a length of 190 in (+4.8 in), a width of 73.2 in (+2.9 in) and a height of 56.3 in (+1.5 in), the new E-Class Coupe clearly outstrips its predecessor in terms of length, width and height. The primary beneficiary of the wider track, with 63.2 mm at the front (+2.6 in) and 63.3 in at the rear (+2.7 in), is the driving dynamics.

The significantly larger dimensions compared to the previous model benefit the passengers with added spaciousness and comfort. In any of the four fully fledged seats with Coupe-specific individual seat character, the driver and passengers enjoy genuine comfort on long drives.

Exterior Dimensions

	E-Class Coupe	Predecessor	Difference
Vehicle length (in)	190.0	185.2	+4.8
Vehicle width (in)	73.2	70.3	+2.9
Vehicle height (in)	56.3	54.8	+1.5
Wheelbase (in)	113.1	108.7	+4.4
Track width, front (in)	63.2	60.8	+2.4
Track width, rear (in)	63.4	60.6	+2.8

Sporty, luxurious interior with refined details

The interior of the new E-Class Coupe conveys a feeling of generous spaciousness. A 12.3-in COMAND[®] display is equipped as standard. A 12.3-inch digital instrument cluster is optionally available—a unique selling point in this segment—and is merged beneath a shared glass cover creating a widescreen that appears to be floating in thin air while simultaneously blending in smoothly between the upper

and lower sections of the cockpit. The driver can choose from three different styles for the virtual instruments in the instrument cluster: Classic, Sport and Progressive.

A decidedly sporty note is set by the air vents, whose form is heavily influenced by the look of a turbine engine. They are styled down to the smallest detail and fully finished in silver shadow.

High-grade materials and contemporary color landscapes come together to create a sporty, contemporary luxury. The attractive appointments in Yacht Blue in combination with Macchiato Beige lend the Coupe a cool, exclusive yachting look. Leather upholstery, available in four different colors, is equipped as standard, while optionally available Nappa leather comes in three different colors. There are seven different trim options to choose from, including two Natural Grain wood trims.

The highly luxurious seats with a sportily contoured individual seat look make an integrated overall impression and are suited to the biometrics of the occupants. They provide good lateral support without detracting from sporty comfort. The colors of the side bolsters and the center sections of the backrest and cushion harmonize perfectly with the overall sculpture of the seats. Numerous material combinations ranging from standard leather to Nappa leather with diamond quilting are possible. Precisely executed seams give emphasis to the seat design. The wide range of exterior paint finishes is harmoniously attuned to the modern interior color schemes.

Touch Control Buttons on the steering wheel enable the driver to control the instrument cluster and multimedia system using finger swipes without having to take their hands off the steering wheel. Additional controls come in the form of a touchpad with controller in the center console, which can also recognize handwriting, plus the voice control system. There are also direct-access buttons for controlling the air conditioning, for example, and for convenient activation and deactivation of certain driver assistance systems.

Lighting atmosphere with 64 colors

The interior lighting makes exclusive use of durable, energy-saving LED technology. With 64 colors, the enhanced ambient lighting offers a wealth of individual settings. It adds illuminating highlights to the trim, the central display, the front stowage compartment on the center console, the door handle recesses, the door pockets and the front and rear footwells.

The Head-Up Display is a new feature in the E-Class Coupe. As in a jet fighter, it projects important information directly into the driver's field of vision on the windscreen, ensuring that there is less distraction from the road ahead. The system provides information on speed, speed limits, navigation instructions and messages from Active Distance Assist DISTRONIC®.

The driver can adjust the height of the virtual image so that it can be easily viewed. On vehicles with seat memory function this feature stores the individual settings. A range of display content can also be enabled or disabled, and the brightness of the display adjusted individually.

Variety and individuality

Already generously equipped as standard, the E-Class Coupe can be enhanced with numerous options to suit personal preferences.

The optionally available AMG Line features AMG body styling, the Mercedes-Benz star in the radiator grill and a choice of two AMG wheels. The interior boasts features such as a multifunction sport steering wheel with flat bottom, black headliner, floor mats and brushed aluminum sport paddles with rubber studs.

Other features of AMG Line:

- AMG bumpers with a chromed horizontal front splitter and striking, sporty air inlets with a diamond-pattern mesh and black louvers in the inlets
- Diamond-block grille with chromed pins and integrated Mercedes star, including a louver in matt iridium silver with chrome inserts
- 18 or 19-inch AMG alloy wheels
- AMG rear bumper with black lower section. This includes a chromed wing and a diffuser-like insert in the vehicle color
- AMG-typical side pockets in the bumper
- Stainless steel sports pedals

Clear view as if by magic

Amazing to watch: the wiper blade moves across the heavily soiled windscreen, there is no washer fluid to be seen, the vehicle occupants notice nothing and the windscreen is suddenly clean – as if by magic. This is the highly efficient, adaptive wash/wipe system MAGIC VISION CONTROL developed by Mercedes-Benz. The system cleans the windscreen without the splash of water that may briefly impair the driver's field of view in the case of conventional windscreen washing systems.

Although the spray of water is invisible, the E-Class Coupe likewise uses conventional washer fluid for a clear view. The way in which it reaches the windscreen is by integrated water ducts on both sides of wiper blade, with fine, laser-bored spray holes. Depending on the movement direction of the wiper blade, it means that this innovative wash/wipe system always directs the fluid unobtrusively and very efficiently where it is required – on the windscreen, directly ahead of the wiper lip. The outlet holes are spread over the entire length of the wiper blade and are closer together on the outside than they are on the inside, because the outside of the wipers have to wipe and clean a larger area.

Programs for summer and winter driving

The Mercedes-Benz MAGIC VISION CONTROL system is the world's first wash/wipe system to be intelligently controlled by semi-automated washer programs. In the summer, smaller quantities of water are required to remove light dust. In the winter, more water is needed to remove soiling mixed with road salt. The system operates according to the outside temperature, and adaptively adjusts the amount of water to suit the conditions and the driver's cleaning requirements.

The MAGIC VISION CONTROL wiper blades of the E-Class Coupe are fully heated. This makes Mercedes-Benz the first manufacturer worldwide to offer a fully heated wash/wipe system. It consists of a washer fluid reservoir heated by coolant residual heat, electric heating for the entire hose system and a fully heated wiper blade. In winter this effectively prevents snow from sticking to the wiper blades. The blade's two spring rails are each equipped with a heater foil with an output of 40 watts per blade, which heats the spoiler and the wiper lip. This also keeps the wiper blade flexible in winter, for optimum cleaning effect.

Connectivity and entertainment at its best

A new era of connectivity and digitalization is marked by the infotainment system in the E-Class Coupe with COMAND® Navigation.

In the E-Class Coupe, connectivity already begins with the effortless integration of a smartphone into the onboard system that features wireless charging. Simply place the device on the charging pad at the front of the center console to connect the smartphone via Near Field Communication (NFC) with the multimedia system.

The wireless charging system works with all mobile devices which support or can be upgraded to support the Qi standard. The charging pad is integrated into the quick stowage tray at the front of the center console. A connection is established between head unit and mobile phone via Near Field Communication (NFC) by touching the "NFC" logo. Phone calls can then be made via the Bluetooth® hands-free system.

Smartphone integration via Apple CarPlay® and Android Auto™

It is possible to use Apple's smartphone-based infotainment system CarPlay® as well as Google's Android Auto™. If a corresponding smartphone is connected to the designated USB port, the customer can, if desired, switch to the CarPlay® or Android Auto™ interface.

Audio playback is possible from various sources—for example via Bluetooth® or a USB drive. COMAND also offers hotspot functionality. It allows passengers in all seats to connect different WiFi-capable devices, such as laptop or tablet computers, to the internet.

Modern-style navigation

COMAND® Navigation offers fast 3D hard-drive navigation with topographical map display, photo-realistic 3D buildings and 3D map rotations. The system presents its content interactively and features an animated compass.

Live Traffic Information allows the reception of up-to-date and precise traffic information in real time, with significant benefits for dynamic route guidance and precise calculation of estimated arrival time.

3D sound with concert hall experience

As in the sedan, the Frontbass[®] system in the Coupe delivers a special listening experience. It uses the space in the cross member and side member of the body structure as a resonance chamber for the bass speakers.

The standard audio system has an output of 4 x 25 watts and seven speakers. The Burmester[®] Surround Sound System with 13 speakers and a 590 watt amplifier with Digital Sound Processing is available as optional equipment.

Alongside the premium sound system, the optional Burmester[®] High-End 3D Surround Sound System is also available. This treats the occupants to a listening experience reminiscent of the acoustics in a concert hall. This second-generation sound system additionally uses four roof speakers – two in the front and two in the rear. The effect: reflections, which come off the ceiling in a concert hall, are incorporated into the sound design of the E-Class Coupe in the same authentic manner. By contrast, other 3D sound systems dispense with roof speakers and use algorithms to simulate a 3D sound.

Apart from 3D surround, four other preset sound modes can be selected to suit every taste and audio source:

- Pure: audiophile sound reproduction with no additional effects, for unadulterated musical enjoyment
- Live: appealing, dynamic background sound akin to live music
- Easy listening: milder sound background for relaxed listening over longer periods
- Surround: virtual surround sound
- 3D Surround: three-dimensional listening experience provided by the roof speakers

The technology of the Burmester[®] High-End 3D Surround Sound System uses 23 high-end speakers, two amplifiers with a total output of 1450 watts and individually controls all the speakers via separate channels and active diplexers.

A further comfort highlight is the Concierge Service, which is available on all carlines for customers with mbrace Connect and mbrace Secure. For participating customers, the range of services includes a host of personalized assistance options: from making a restaurant reservation to obtaining tips about tourist routes, information on cultural and sporting events and bookings through to sending navigation destinations directly to the vehicle.

Access is straightforward – registered mbrace subscribers can call up the Concierge Service either via the iCall button in the vehicle or on the Mercedes me app. The personal assistant takes care of everything else.

Sporty and comfortable driving pleasure

A powerful and efficient 3.0L V6 biturbo engine, equipped with ECO Start/Stop and a nine-speed automatic transmission, provides for lively performance and great fun behind the wheel.

The new E-Class Coupe is equipped as standard with the new 9G-TRONIC nine-speed automatic transmission, which ensures fast gear changes and allows for low engine revs.

Suspension – sporty comfort

The suspension on the new E-Class Coupe offers agile driving pleasure on winding roads together with exceptional ride comfort. The Coupe comes as standard with a lowered suspension with selective damping. The suspension is 0.6-inches lower than on the Sedan's Luxury Line and is tuned for comfort with an amplitude-dependent damping system.

AIR BODY CONTROL multi-chamber air suspension

Alternatively, the new E-Class Coupe can be equipped with multi-chamber air suspension, including all-around roll/pitch/heave stabilization. Advantages of this system: three chambers of different size in the spring struts of the rear axle and two in the spring struts of the front axle make it possible to control the hardness of the suspension in three stages. In this way, the occupants enjoy soft basic suspension, along with the secure feeling of good handling stability at higher speeds.

Furthermore, the highly sensitive and fast-responding AIR BODY CONTROL multi-chamber air suspension features all-around self-levelling for excellent ride comfort even with the vehicle loaded. It controls the ride height automatically depending on the speed and reduces fuel consumption on the motorway, for example, by lowering the vehicle. When driving on rough roads or access roads, the ground clearance can also be increased at the push of a button using the ride height adjustment switch.

The multi-chamber air suspension is augmented by a continuous, electronically controlled adaptive damping system. The damping at each individual wheel is

adjusted fully automatically to suit the current driving situation and condition of the road – such as in the case of evasive maneuvers or on rough tracks. The system therefore delivers good ride comfort along with excellent driving dynamics.

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Using the DYNAMIC SELECT switch, the driver can also select different suspension characteristics in combination with the AIR BODY CONTROL system: Comfort, ECO, Sport, Sport+ and Individual.

DYNAMIC SELECT – choose your own driving characteristics

However, the DYNAMIC SELECT system not only makes it possible to select the suspension characteristics in combination with AIR BODY CONTROL, it also enables the driver to influence other vehicle settings – such as the throttle response, ECO Start/Stop function, shift points of the automatic transmission and more. Depending on the equipment level, DYNAMIC SELECT provides the following transmission modes: Comfort, ECO, Sport, Sport + and Individual. "Individual" allows drivers to configure their own preferred vehicle settings.

Independent multilink suspension at front and rear

The agile handling is due in large part to the 4-link front axle, which releases the spring strut from wheel control duties. In addition, the four-link principle offers favorable axle kinematics. For example, it allows an improved camber change for higher cornering forces. As a result, the suspension responds more sensitively to steering movements and allows a sporty, agile driving style. As components of the new front axle are made of aluminum, they weigh about two kilograms less than a corresponding steel design. This reduction in weight supports a sensitive response and contributes to the efficiency of the new E-Class Coupe.

An optimized multi-link independent rear suspension with 5 links ensures excellent wheel control qualities and supreme straight-line stability. The rear axle carrier and the spring control arms are made of forged aluminum. A large rear axle bearing contributes to improved isolation of vibrations and thus to the good NVH characteristics and ride quality.

Sporty steering feel

All models of the E-Class family are equipped as standard with a sporty, electromechanical Direct-steer system. It combines speed-sensitive power assistance for the speed-sensitive steering with a steering ratio that varies

according to the given steering angle. The power assistance for the rack-and-pinion steering gear is controlled on demand.

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STEER CONTROL – steering assistance in critical situations

The E-Class Coupe is equipped with the STEER CONTROL steering assistance function as standard. It can help the driver to stabilize the vehicle in difficult handling situations. To this end, the electronics determine in which direction the driver has to steer to defuse a critical situation, and introduces a corresponding electric steering torque into the steering that the driver clearly perceives. In this way STEER CONTROL provides the driver with prompts in which direction to steer in order to stabilize the vehicle. If the vehicle oversteers, the steering wheel provides the driver with the prompt for correct countersteering until the vehicle is safely back on course.

Fade-resistant brakes for short stopping distances

The braking system with internally ventilated compound brake discs meets high standards in terms of stopping distance, response, fade resistance, directional stability and service life of the brake pads. Single or 4-piston sliding calipers on the front and rear axles with brake discs, the size of which depend on the engine, provide for rapid deceleration.

Rigid basis thanks to aluminum hybrid construction

Bodyshell reinforcements ensure the high rigidity of the new E-Class Coupe, allowing agile, sporty handling characteristics.

The dynamic proportions of the E-Class Coupe are underscored by frameless front and rear side windows and the absence of a continuous B-pillar. Nonetheless, to give the body structure the necessary rigidity, Mercedes-Benz engineers took additional measures in the areas of the side walls and roof frame. The most important were as follows:

- A three-section roof cross-member at the front, with an integrated reinforcing component
- A system of struts above the rear seat cross-member
- An additional double sleeve in the A-pillar
- Side members with a larger cross-section than those in the sedan,
- Greater material thicknesses and ultra-high strength materials in some areas.

Next-generation driving assistance systems

Mercedes-Benz's highly advanced assistance and safety systems enhance safety, comfort and driver relief to new levels.

Active Brake Assist is fitted as standard. It is able to warn the driver of an imminent collision, provide optimum support with emergency braking and, if necessary, also can apply the brakes. In addition to slower-moving, stopping or stationary vehicles, it can also detect pedestrians crossing in the danger zone ahead of the vehicle. Likewise included as standard are ATTENTION ASSIST with adjustable sensitivity, which can warn the driver of inattentiveness and drowsiness, and Crosswind Assist, which can assist the driver by substantially reducing the effects of strong crosswinds to prevent the vehicle from drifting too far off track.

Highlights of the optional **Driver Assistance Package** include the following:

With **Active Distance Assist DISTRONIC®**, it is not only able to keep the car at the correct distance behind vehicles in front on all types of road, but, for the first time, it can also automatically follow them at a range of speeds. This can make life easier for the driver, who no longer needs to operate the brake or accelerator pedal during normal driving, and also receives plenty of steering assistance from Active Steering Assist. The system can continue to actively help with the steering by taking account of surrounding vehicles and parallel structures, even if the lane markings are unclear or non-existent, e.g. in construction zones. The system therefore makes driving much easier, especially in traffic jams or heavy congestion.

Further innovation designed to relieve stress: in combination with COMAND® Navigation, the selectable subfunction **Active Speed Limit Assist** can adjust the vehicle's speed via Active Distance Assist DISTRONIC in response to camera-detected speed limits, including roadwork signs, or speed limits previously logged in the navigation system.

The impressive innovations amongst the assistance systems include **Active Lane Change Assist**. This radar and camera-based assistance system assists the driver when changing lanes on multi-lane roads, and can steer the vehicle into the lane selected by the driver – for example, when overtaking. Once the driver has activated the indicators for at least two seconds, Active Lane Change Assist helps the driver to steer into the adjacent lane if it detects that the lane is unoccupied.

Active Emergency Stop Assist can brake the vehicle to a standstill in its lane if it detects that the driver is permanently distracted while on the move. If there is no steering wheel movement over a longer period when Active Steering Assist is activated, the system gives the driver a visual and audible prompt to place his/her hands on the wheel. If, after being repeatedly warned, the driver fails to react by steering, accelerating, braking or pressing a Touch Control Button, the vehicle safely decelerates to a standstill in its lane and warns the traffic behind using the hazard warning flashers.

Active Brake Assist with Cross-Traffic Function: compared to the standard Active Brake Assist function, it offers extended speed thresholds with regard to vehicles and pedestrians. It is also able to recognize crossing traffic moving at a maximum of half the car's own speed on junctions, and brake automatically if the driver fails to react. The assistant can now also recognize hazardous situations at the end of traffic situations where there is no room for evasive action, and brake much sooner in such situations. Consequently, it is possible to completely avoid accidents at lower speeds or substantially reduce the severity of accidents at higher speeds.

Evasive Steering Assist: this system is the ideal complement to the pedestrian detection function of Active Brake Assist. If the driver deliberately or instinctively initiates an evasive maneuver in a hazardous situation, this function can add precisely calculated steering torque to support the movement of the steering wheel. This helps the driver to avoid the pedestrian in a controlled manner while subsequently facilitating the straightening-up of the vehicle to allow the situation to be negotiated safely.

Advanced assistance systems: the intelligent assistance systems in the new Driver Assistance Package also include proven systems that have been further developed in terms of their mode of operation and the sensors they use. **Active Lane Keeping Assist** is able to use one-sided braking intervention to help counter unintentional departure from a traffic lane. This braking intervention always takes place when an uninterrupted lane marking is crossed unintentionally. Where the markings are interrupted, it only takes place if the radar sensors detect the risk of a collision in the adjacent lane, e.g. with oncoming traffic, overtaking vehicles or parallel traffic.

Active Blind Spot Assist can now also warn of the risk of a lateral collision in typical urban traffic at low speeds and, in addition, as before, correctively intervene at the last moment to prevent a collision at certain speeds and then also activate

the PRE-SAFE® belt tensioners. **PRE-SAFE® PLUS**, as part of the Driving Assistance Package, can respond to an impending rear-end collision by preventively fixing the occupants in their seats by tensioning the PRE-SAFE® belts. If the car is stationary, its brakes can be automatically locked.

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Furthermore, the range of new features in the new E-Class Coupe includes:

Car-to-X Communication: In the new E-Class this was introduced as the world's first fully integrated Car-to-X solution goes into series production. As a member of the E-Class family, the E-Class Coupe also benefits from this future-oriented communication technology. The mobile phone-supported exchange of information with other E-Class vehicles further ahead can effectively allow the driver to "see around corners" or "through obstacles" well in advance. This means that the driver receives an earlier warning than previously in the event of imminent danger, such as a broken down vehicle at the edge of the road or heavy rain or black ice on the road ahead. In this case, the new E-Class Coupe simultaneously acts as a receiver and a transmitter, since warning messages are conveyed automatically by evaluating vehicle statuses or manually by the driver into a secure Mercedes-Benz cloud-based server. The Car-to-X warning messages are shown directly on the navigation map. Some warnings are also communicated to the driver by voice output, which is particularly useful where the road layout is unclear.

PRE-SAFE® Sound: this system is based on a human reflex in the inner ear, called the stapedius reflex. PRE-SAFE® Sound emits a short interference signal through the vehicle's sound system if the risk of a collision is detected. This signal can trigger the natural reflex and thus prepare the occupants' ears for the expected sound of the accident, in order to reduce the stress on the occupants.

E-Class Coupe with tradition

As an exclusive and sporty Coupe, the latest member of the E-Class family can look back on an almost fifty-year history.

In 1968, Mercedes-Benz presented the first exclusive Coupe variant in the medium-class model series. The Coupe models 250 C and 250 CE rounded the model range in the 114/115 series off at the top end. These models were generally known as the "stroke/eight" Coupes. The basic technical concept and design of the new models closely followed the sedan models on which they were based. The Coupes had the same suspension, drive train and floor assembly as the model 250 sedan, and even the body of the two variants was identical back to the A-pillars. There were clear differences from the A-pillars to the rear: the Coupe had a more angled windscreen and 1.8-in lower roof than the sedan, and of course had two doors. Even then, the front and rear side windows were frameless, with no continuous B-pillar, and fully retractable – a typical Mercedes-Benz Coupe feature to this day.

Series 123 Coupes, 1977 -1985

In March 1977, as the successor to the "stroke/eight" Coupes of the 114 series, Mercedes-Benz presented the Coupe variant of the 123 series at the Geneva Motor Show. This was likewise closely related to the sedan in technical and stylistic terms. In contrast to the "stroke/eight" Coupes, which were based on the unshortened floor assembly of their four-door counterparts, the wheelbase of the new two-door variants was reduced by 3.3-inches compared to the sedan. This allowed more dynamic cornering characteristics and more distinctive styling for the Coupe variant, and a more homogeneous and generally attractive design compared to the preceding model.

Series 124 Coupes, 1987 - 1996

In March 1987, a Coupe variant of the 124 series was presented at the Geneva Motor Show. Like the Coupes of the 123 series, this was closely related to the sedan in technical and stylistic terms. On the basis of the four-door variant's floor assembly, the wheelbase was again shortened by 3.3 inches in the interests of a Coupe-like character. As in the preceding model, the body construction and design therefore represented a completely distinctive variant. Features in common with the sedan were restricted to the front section and taillamps. One characteristic

design feature that marked the autonomy of the Coupes versus the other body variants were the protective side strips with integrated side sill claddings.

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The major stylistic features of the 124-series Coupes remained practically unchanged even over several model facelifts. The most prominent visual change was the redesigned radiator grille in 1993. This became known as the "badge radiator" and was harmoniously integrated into the hood with a much slimmer chrome surround; the Mercedes-Benz star was mounted on the hood, as in the S-Class sedan.

From 1993 the Coupe models in the 124 series were given the designation 'E-Class Coupe.'

CLK-Class Coupes of the 208 series, 1997 - 2002

In January 1997 the Mercedes-Benz CLK celebrated its world premiere as the successor at the North American International Auto Show in Detroit. For the first time at Daimler-Benz, the CLK Coupe was developed as a completely new model series. Technically it was in many respects based on the C-Class Sedan, sharing the same floor assembly and major components. Nonetheless, numerous Coupe-specific modifications and, not least, the fundamentally new body design reaffirmed the autonomy of the CLK. For the first time it showed a completely new interpretation of the Mercedes-Benz "face," which was now characterized by four elliptical headlamps, more pronounced fenders and a slim grille.

Moreover, the CLK models were equipped with numerous technical innovations for further improved safety, comfort and economy.

CLK-Class Coupes of the 209 series, 2002 - 2009

Mercedes-Benz continued its longstanding Coupe tradition with a stylistically intriguing and technically sophisticated model in spring 2002. The new CLK Coupe represented a fully autonomous model series in the Mercedes-Benz passenger car range, and emphasized this role with design features that were new to the last detail: Striking styling features such as the continuous band formed by the frameless, fully retractable side windows, the louvered radiator grille with a centrally positioned Mercedes-Benz star as a typical brand feature, the reinterpreted twin-headlamp front section and the graceful Coupe roof marked this CLK Class out as a self-assured character.

A newly developed suspension, more powerful engines and technically refined optional extras from top-of-the-range Mercedes-Benz models made for an unrivalled driving experience in this vehicle class.

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E-Class Coupe – 2009 - 2017

In 2009 Mercedes-Benz presented the new E-Class Coupe at the Geneva Motor Show, the sedan having been presented just a few weeks before. This attractive two-door model adopted the trailblazing technology of the E-Class Sedan. The Coupe also showed its close relationship with the sedan in its striking design, with the reinterpreted twin-headlamp front section and prominent lines creating a self-assured, masculine presence. Equipped with drowsiness detection, preventive occupant protection, an active hood and up to nine airbags, the E-Class Coupe set the standards in this vehicle class when it came to safety.

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