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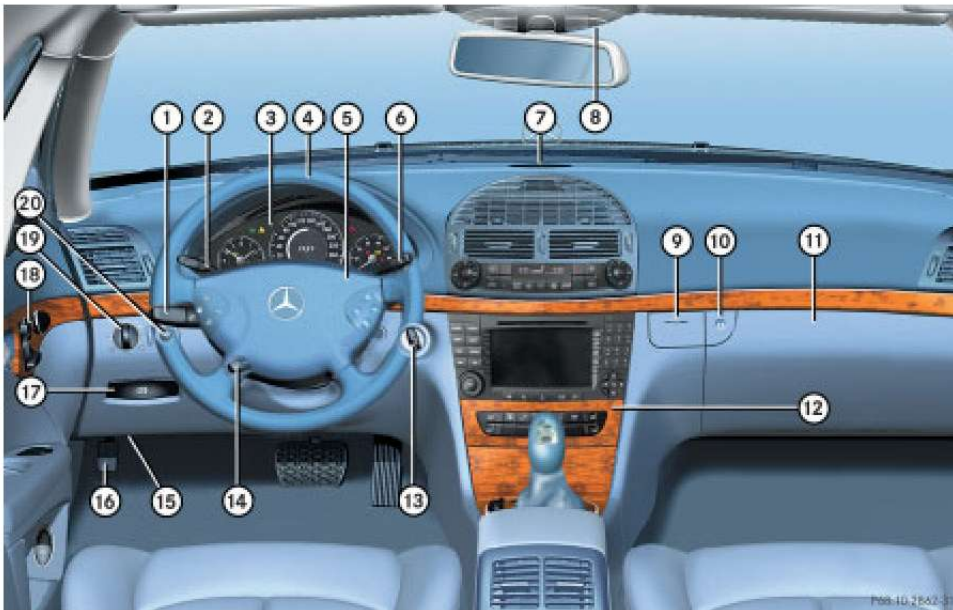
You can read the recommendations in the user guide, the technical guide or the installation guide for MERCEDES CLASS E W211. You'll find the answers to all your questions on the MERCEDES CLASS E W211 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MERCEDES CLASS E W211
User guide MERCEDES CLASS E W211
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Instruction manual MERCEDES CLASS E W211

At a glance

Cockpit

Left-hand-drive vehicles



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Online Version (Edition F1, 06/03)



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Manual abstract:

10-2862-31 18 Online Version (Edition F1, 06/03) At a glance Cockpit Function 1 Combination switch Main-beam headlamps Turn signals Windscreen wipers 2 Cruise control lever Cruise control Distronic* Speedtronic SBC Stop* 3 4 5 Instrument cluster Multi-function steering wheel Horn Page 6 49 50 50 7 8 9 223 227 237 242 20 24 a b c d Function Linguatronic lever* see the separate Operating Instructions Parktronic* warning display Overhead control panel Opens the spectacles/ mobile phone compartment Opens the glove compartment Glove compartment Centre console Ignition lock Page e Function Adjusts the steering wheel Switches the steering wheel heating* on/off f Opens the bonnet Parking brake Releases the parking brake Door control panel Light switch Cleans the headlamps* g h j k l Page 38 289 306 53 47 28 121 175 253 27 282 282 282 25 31 Online Version (Edition F1, 06/03) 19 At a glance Instrument cluster Kilometres E2_F1 BILL_KM_P54.32-2299-21 B1RL_MILES_P54.32-2300-21 _ _ 20 Online Version (Edition F1, 06/03) At a glance Instrument cluster Function 1 2 3 4 5 Turn signal indicator lamp, left ABS/ESP warning lamp Speedometer Segments Multi-function display Depending on setting in the control system Outside temperature 1 Digital speedometer Status line Trip meter 6 7 Distance warning lamp* 2 Turn signal indicator lamp, right Page 50 395 129 129 130 8 Function Rev counter with 1 Restraint systems warning lamp a Automatic transmission*: gearshift program display Total distance recorder Page c 397 396 401 125 399 e d Function Automatic transmission* selector lever position display Clock with q Preglow indicator lamp ± Engine diagnostic indicator lamp -- Brake indicator lamp Fuel gauge with W Reserve fuel warning lamp Page 165 146 45 400 397 400 128 165 f Rotary knob/ reset button (R button) 227 50 b 1 Except for the United Kingdom. The speed is always displayed in km/h. 2 On vehicles without Distronic* the symbol lights up briefly, but has no function. Online Version (Edition F1, 06/03) 21 At a glance Instrument cluster Miles E2_F1 BILL_KM_P54.32-2299-21 B1RL_MILES_P54.32-2300-21 _ _ 22 Online Version (Edition F1, 06/03) At a glance Instrument cluster Function 1 2 3 4 5 Turn signal indicator lamp, left ABS/ESP warning lamp Speedometer Segments Multi-function display Depending on setting in the control system Outside temperature 1 Digital speedometer Status line Trip meter 6 7 Distance warning lamp* 2 Turn signal indicator lamp, right Page 50 395 129 129 130 8 Function Rev counter with 1 Restraint systems warning lamp - ABS indicator lamp [Seat belt warning lamp A Main-beam indicator lamp 9 Coolant temperature gauge with D Coolant warning lamp a Automatic transmission*: gearshift program display Total distance recorder Page c 397 396 401 125 399 e d Function Automatic transmission* selector lever position display Clock with q Preglow indicator lamp ± Engine diagnostic indicator lamp -- Brake indicator lamp Fuel gauge with W Reserve fuel warning lamp Page 165 146 45 400 397 400 128 165 f Rotary knob/ reset button (R button) 227 50 b 1 Except for the United Kingdom. The speed is always displayed in km/h. 2 On vehicles without Distronic* the symbol lights up briefly, but has no function. Online Version (Edition F1, 06/03) 23 At a glance Multi-function steering wheel Function 1 Multi-function display Controlling the operating system 2 Selects a submenu or adjusts the volume æ ç Up/increases the volume Down/ decreases the volume Page 130 130 4 Function Jumps from one menu to another è ý 5 j k Forwards Back Page Scrolls within a menu Forwards Back 3 Making a phone call s t Accepts a call Starts dialling P46.10-2385-31 Hangs up Rejects an incoming call 24 Online Version (Edition F1, 06/03) At a glance Centre console Centre console Upper section 1 Function Controls Thematic Controls 4-zoneThermotronic* Switches the rear window heating on/off 2 Controls COMAND APS* and Audio system* see the separate Operating Instructions Switches the seat heating* on the righthand side on/off Switches the seat ventilation* on the righthand side on/off Unlocks the vehicle Opening button for stowage compartment or CD changer* see the separate Operating Instructions 117 Page 181 192 180 8 7 Function Switches the seat ventilation* on the lefthand side on/off Switches the seat heating* on the lefthand side on/off Saloon: Rolls the rear window blind* up/down Estate: Switches the rear windscreen wiper on/off a b 104 282 c d e Folds back the rear seat head restraints Switches the hazard warning lamps on/off Passenger airbag warning lamp Locks the vehicle Activates/deactivates ESP Page 116 117 9 179 E2_F1 B2_P68.



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20-2919-31 3 52 4 116 110 125 70 104 79 5 6 Online Version (Edition F1, 06/03) 25 At a glance Centre console Lower section 1 2 3 Function Opens/closes the ashtray KEYLESS GO* button Manual transmission: Gear lever Automatic transmission*: Selector lever Page 287 32 163 165 9 207 a 255 8 6 7 Function Sets Airmatic DC* Sets the vehicle's level* Distronic*: Sets the specified minimum distance Distronic*: Switches the distance warning function* on/off Automatic transmission*: Selects the gearshift program Page 250 248 234 234 P68.20-2761-31 4 Switches auxiliary heating*/ventilation* on/off Deactivates Parktronic* 170 5 26 Online Version (Edition F1, 06/03) At a glance Overhead control panel Overhead control panel Function 1 2 Switches the rear interior lights on/off Switches the interior lighting automatic function on/off Switches the front interior lighting on/off Switches the righthand reading lamp on/off Opens/closes the sliding/tilting sunroof* or Opens/closes the panorama sliding sunroof* 6 Activates the TeleAid emergency call system* 217 Page 126 126 8 126 126 9 a 7 Function Primes/deactivates the interior motion sensor* Rear-view mirror Page 85 39 175 3 P82.00-2172-31 4 Reading lamps Transmitter buttons for the garage door opener* Primes/deactivates tow-away protection* Ambient lighting* Interior light Switches the left-hand reading lamp on/off 126 297 5 213 b c d e 84 126 126 126 293 Online Version (Edition F1, 06/03) 27 At a glance Door control panel Function P72. 10-2353-31 1 2 3 Opens the door Adjusts the seat electrically* Stores settings for the seat, exterior mirrors and steering wheel* Adjusts the exterior mirrors Opens/closes the side windows Page 95 34 6 Function Saloon: Boot lid remote unlocking feature Saloon: Boot lid remote opening switch* for opening/closing the boot lid automatically Estate: Tailgate remote opening switch* for opening the tailgate automatically Page 99 119 99 4 5 40 211 100 28 Online Version (Edition F1, 06/03) Getting started Opening The "Getting started" section contains brief details of the basic functions of the vehicle. You should read this section particularly thoroughly if this is your first Mercedes-Benz vehicle. If you are already familiar with the basic functions described here, the "Controls in detail" section will help you with more detailed information. You will find the reference to the appropriate page number at the end of each section. Unlocking with the remote control Risk of accident G Your vehicle can be started with the key. This can also be used to activate other functions, e.g. opening the windows. P 80.35-2076-31 69 Do not leave children unsupervised in the vehicle as they could accidentally activate these functions. Therefore, take the key with you when leaving the vehicle, even if you are only leaving it for a short while. Key with remote control 1 [Locking button 2 S Unlocking button for boot lid/tailgate* 3 OE Unlocking button 30 Online Version (Edition F1, 06/03) Getting started Opening Press the OE unlocking button on the remote control. The turn signals flash once. The vehicle unlocks. The locking knobs in the doors pop up.

The anti-theft alarm system* is deactivated. The surround lighting also comes on when it is dark if this function is enabled in the control system. Key positions i The indicator and warning lamps light up when you switch on the ignition. They go out when the engine is running. This shows that the indicator and warning lamps for each system are operational. You will find further information in the "Controls in detail" section (page 88). P 54.25-2552-31 i The SBC brake system is activated (page 80). Get into the vehicle and insert the key in the ignition lock. Ignition lock 0 To remove the key 1 Power supply for some consumers, such as the seat adjustment function 2 Ignition (power supply for all consumers) and drive position 3 To start the engine (page 45) Online Version (Edition F1, 06/03) 31 Getting started Opening .



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Unlocking with KEYLESS GO* You can unlock and start your vehicle without the remote control button using KEYLESS GO. Risk of accident G KEYLESS GO positions Pressing the KEYLESS GO button on the selector lever without depressing the brake pedal corresponds to the different key positions in the ignition lock (page 31). If you depress the brake pedal while pressing the KEYLESS GO button, the engine starts immediately. i The KEYLESS GO key must be outside the vehicle to unlock it. Pull the door handle.

The turn signals flash once. The vehicle unlocks. The locking knobs in the doors pop up. The anti-theft alarm system* is deactivated. The surround lighting also comes on when it is dark if this function is enabled in the control system.

Your vehicle can be started using a valid KEYLESS GO key. This can also be used to activate other functions, e.g. adjusting the seats and opening the windows. Do not leave children unsupervised in the vehicle as they could accidentally activate these functions. Take the KEYLESS GO key with you when leaving the vehicle, even if you are only leaving it for a short while. i If there is a key in the ignition lock, it has priority over the KEYLESS GO function. i The SBC brake system is activated (page 80). Get into the vehicle. 32 Online Version (Edition F1, 06/03) Getting started Opening Position 1 Press KEYLESS GO button 1 once.

P 54.25-3096-31 You can now adjust the seats, for example. Position 2 (ignition) Press KEYLESS GO button 1 twice. i The power supply will be disconnected again if you press the KEYLESS GO button once while this position is selected. i The power supply will be disconnected again if you press the KEYLESS GO button twice while this position is selected. 1 KEYLESS GO button i The indicator and warning lamps light up when you switch on the ignition. They go out when the engine is running. This shows that the indicator and warning lamps for each system are operational. You will find further information in the "Controls in detail" section (page 91). Position 0 The on-board electronics have the status 0, the same as the key having been removed from the ignition, until you press KEYLESS GO button 1.

Online Version (Edition F1, 06/03) 33 Getting started Adjusting Seats You can adjust the seats either electrically or manually, depending on your vehicle's equipment. Risk of accident Risk of injury G Make sure that nobody can be trapped as you adjust the seat. Your seat must be adjusted in such a way that you can wear the seat belt correctly (page 43). Position your seat in such a way that: You are seated as far as possible from the front airbag. Ensure the following: The backrest is almost vertical.

Your arms are slightly bent when you are holding the steering wheel. The distance to the pedals is such that you can depress them fully and your legs are not completely outstretched. The head restraint supports the back of your head at about eye level. You could otherwise receive severe or even fatal injuries in the event of sudden braking or an accident. G Only adjust the driver's seat when the vehicle is stationary.

You will otherwise be distracted and could lose control of the vehicle and cause an accident as a result of the seat movement. 34 Online Version (Edition F1, 06/03) Getting started Adjusting Adjusting the seat manually and electrically Seat fore-and-aft adjustment Pull handle 1 up. Push the seat forwards or backwards. Release handle 1 again. P 91.10-2566-31 Make sure that you hear the seat click into position. Seat height Make sure that the key is in position 1 or 2 in the ignition lock. Slide switch 3 up or down in the direction of the arrow. Backrest angle Make sure that the key is in position 1 or 2 in the ignition lock. Slide switch 4 forwards or backwards in the direction of the arrow.

Seat cushion angle Adjust the seat cushion angle so that your thighs are lightly supported. Pull lever 2 upwards. 1 2 3 4 Seat fore-and-aft adjustment Seat cushion angle Seat height Backrest angle The seat cushion angle is tilted upwards by one detent.



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or Press the lever downwards. The seat cushion angle is tilted downwards by one detent. Online Version (Edition F1, 06/03) 35 Getting started Adjusting Head restraint height The release catch is located on the top of the seat backrest. Risk of injury G Adjusting the seat electrically* Risk of injury P 91.16-2115-31 24 Make sure that the back of your head is supported by the centre of the head restraint at about eye level. This reduces the risk of injury to the head and neck in the event of an accident or similar situations. G The seats can be adjusted when the key is removed from the ignition and the door is open. For this reason, children should never be left unsupervised in the vehicle. Make sure that: Head restraint angle 1 Release catch Adjust the height of the head restraint manually. Press release catch 1 to lower the head restraint. P91.16-2116-31 25 or the key is in position 1 or 2 in the ignition lock the appropriate door is open Adjust the angle of the head restraint manually.

Pull or push on the bottom of the head restraint. 36 Online Version (Edition F1, 06/03) Getting started Adjusting The switches are located on the door control panel. Seat cushion angle Slide switch 5 up or down in the direction of the arrow until your thighs are lightly supported. Head restraint angle P 91.10-2425-31 74 Backrest angle Slide switch 2 forwards or backwards in the direction of the arrow.

P91.16-2116-31 Head restraint height Slide switch 3 up or down in the direction of the arrow. 1 2 3 4 5 Seat fore-and-aft adjustment Backrest angle Head restraint height Seat height Seat cushion angle Risk of injury Adjust the angle of the head restraint manually. Pull or push on the bottom of the head restraint. G Seat fore-and-aft adjustment Slide switch 1 forwards or backwards in the direction of the arrow. Make sure that the back of your head is supported by the centre of the head restraint at about eye level. This reduces the risk of injury to the head and neck in the event of an accident or similar situations. Seat height Slide switch 4 up or down in the direction of the arrow. Online Version (Edition F1, 06/03) 37 Getting started Adjusting Adjusting the steering wheel manually Adjust the steering wheel to the required position. When doing this make sure that: The steering wheel can be reached with your arms slightly bent Your legs can move freely All the displays in the instrument cluster can be clearly seen Push handle 1 in fully until you hear it engage fully.

P 46.15-2083-31 1 Release handle 2 Steering column height 3 Steering column fore-and-aft adjustment Pull handle 1 out completely. The steering column is unlocked. The steering wheel position is locked. Steering wheel Risk of accident G The handle is located under the steering column. Only adjust the steering wheel when the vehicle is stationary. Only drive with the steering wheel locked in position. The electrically-adjustable steering wheel* can be adjusted when the key is removed from the ignition and the door is open. Do not, therefore, leave children unsupervised in the vehicle as they could be trapped as the steering wheel is adjusted. 38 Online Version (Edition F1, 06/03) Getting started Adjusting Adjusting the steering wheel electrically* The lever is located on the left under the steering wheel.

Steering column fore-and-aft adjustment Push the lever forwards or backwards in the direction of arrow 1 until your arms are slightly bent when you are holding the steering wheel. Mirrors Before starting off, adjust the rear-view mirror and the exterior mirrors so that you get a good overview of road and traffic conditions. Rear-view mirror Adjust the rear-view mirror manually. P 46.15-2071-31 Steering column height Push the lever up or down in the direction of arrow 2.

When doing this make sure that: You can move your legs freely 1 Steering column fore-and-aft adjustment 2 Steering column height Make sure that: the key is in position 1 or 2 in the ignition lock or the appropriate door is open You can see all the displays in the instrument cluster clearly You will find further information in the "Controls in detail" section: Easy-entry system for the driver (page 106) Storing the steering wheel position (page 119) Online Version (Edition F1, 06/03) 39 Getting started Adjusting Exterior mirrors Risk of accident The buttons are located on the door control panel.



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Press button 1 for the right-hand mirror or button 2 for the left-hand mirror. Press adjustment button 3 at the top or bottom or to the right or to the left until you have adjusted the mirror to the correct position. G P 88.70-2139-31 The exterior mirrors reduce the size of the image.

The objects are actually closer than they appear. i The convex exterior mirrors give a larger field of view. Your exterior mirrors are automatically heated at low outside temperatures. You will find further information in the "Controls in detail" section (page 175). 1 Right-hand exterior mirror 2 Left-hand exterior mirror 3 Adjustment button Make sure that the ignition is switched on. All the lights in the instrument cluster are lit. 40 Online Version (Edition F1, 06/03) Getting started Driving Driving Risk of accident G Wearing seat belts Risk of injury Do not keep any objects in the driver's footwell. Make sure that floor mats or carpets in the driver's footwell do not obstruct the pedals are securely fastened Objects could otherwise get caught between the pedals if you accelerate or brake suddenly. You will then not be able to brake, operate the clutch pedal, or accelerate as intended. This could lead to accidents and injury.

G A seat belt which is not worn correctly, or which has not been engaged in the seat belt buckle correctly, cannot perform its intended protective function. Under certain circumstances this could even cause severe or fatal injuries. Make sure that all occupants especially pregnant women wear their seat belts correctly at all times: The seat belt must pass closely over your body and must not be twisted. You should therefore avoid wearing bulky clothing (e.g. winter coats). The shoulder belt section must be routed over the middle of your shoulder never over your neck or under your arm and pulled tight against your upper body. The lap belt must cross over your lap as low down as possible at all times, i.e. over your hip joints not across your stomach or lower abdomen. If necessary, tighten the belt strap by pulling it down slightly and retighten in the direction of the inertia reel. Do not route the belt strap over sharp-edged or easily broken objects, especially if these are located on or in your clothing, e.g. spectacles, pencils, keys, etc. The seat belt strap could be damaged and you could be injured.

Online Version (Edition F1, 06/03) 41 Getting started Driving Only one person should use each seat belt at any one time. Never carry children on your lap, since the child will then no longer be secured in the event of an accident, braking or a sudden change in direction, which could result in severe or fatal injuries to the child and other occupants. Persons less than 1.50 m tall (5 feet) cannot wear the seat belts correctly. For this reason, secure persons less than

1.
50 m (5 feet) tall in specially designed, suitable restraint systems. Children less than 1.50 m (5 feet) tall or under 12 years of age cannot wear the seat belts properly. Always secure these children in suitable child restraint systems on suitable vehicle seats (page 66). Follow the manufacturer's installation instructions when fitting the child restraint system. Do not secure any objects with a seat belt if it is also being used by one of the vehicle's occupants. Risk of injury G Risk of injury G A seat belt only offers its intended degree of protection if the backrest is positioned as close to the vertical as possible and the occupant is sitting upright. Avoid seat positions that do not allow the seat belt to be routed correctly (page 34). Position the backrest as vertically as possible. Do not drive with the backrest reclined too far back.

By design, airbags are not activated in all accident situations, since a correctly fastened seat belt will often be sufficient for providing an effective degree of protection. Airbags do not replace seat belts in any way. To reduce the risk of serious or fatal injuries, make sure that all occupants especially pregnant women are strapped in correctly at all times, have adopted a normal sitting position, and that the seat is positioned as close to the vertical as possible (page 34).



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42 Online Version (Edition F1, 06/03) Getting started Driving Pull the belt smoothly from belt reel 1. Route the belt over your shoulder. P 91.40-2300-31 Click belt tongue 2 into buckle 3. If necessary, adjust the belt to the correct height (page 44). Pull the shoulder belt upwards to tighten the belt across your lap if necessary. Risk of injury The seat belts can then neither function nor perform their protective function as intended. Do not route the belt strap over sharp edges. It could tear. Make sure that the seat belt is not caught in the door or in the seat adjustment mechanism. It could be damaged. Check regularly that the seat belts are not damaged.

Never carry out any modifications to the seat belts yourself. They might not function properly any more. Always have seat belts which have been damaged or subjected to a heavy load in an accident replaced at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. G You could be injured in an accident if you use seat belts which: are damaged have been subjected to a load in an accident have been modified 1 2 3 4 Belt reel Belt tongue Buckle Release button Online Version (Edition F1, 06/03) 43 Getting started Driving Belt height adjustment You can adjust the seat belt height on the following seats: Driver's seat Front-passenger seat Outer rear seats Adjust the height so that the belt passes over the middle of your shoulder. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose.

In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Raising the belt Push the belt guide up. The belt guide will engage in various positions. Lowering the belt Press and hold release button 1. Move the belt guide to the required height. Let go of release button 1 and ensure that the belt guide has engaged. Please observe the information on wearing seat belts correctly (page 41). P 91.40-2312-31 1 Release button 44 Online Version (Edition F1, 06/03) Getting started Driving Automatic transmission* Starting the engine with the key Vehicles with a petrol engine E2_F1 Never leave the engine running in enclosed spaces. The exhaust gases contain carbon monoxide.

Inhaling exhaust fumes constitutes a health hazard and could lead to loss of consciousness or even death. B5_P27.60-2346-31 Turn the key to position 3 in the ignition lock (page 31) and release it. The engine starts automatically. Vehicles with a diesel engine Turn the key to position 2 in the ignition lock (page 31). Gearshift pattern P Park position with selector lever lock R Reverse gear N Neutral D Drive position Before starting the engine, make sure that the selector lever is in position P. You will find further information about automatic transmission in the "Controls in detail" section (page 165). The q preglow indicator lamp in the instrument cluster lights up. As soon as the q preglow indicator lamp goes out, turn the key to position 3 in the ignition lock and release it. The engine starts automatically.

Starting the engine Risk of poisoning G ! Do not depress the accelerator pedal when starting the engine. i If you depress the brake when starting the engine, the pedal travel is longer than usual and the pedal resistance is low. If you depress the brake after starting the engine, the pedal travel and pedal resistance return to normal. i You can start the engine without preglow if the engine is warm. Online Version (Edition F1, 06/03) 45 Getting started Driving Starting the engine with KEYLESS GO* Risk of accident Vehicles with a diesel engine Depress the brake pedal.

P 54.25-3096-31 The selector lever lock will be released. Press KEYLESS GO button 1 once. Your vehicle can be started as long as the KEYLESS GO key is in the vehicle. For this reason, children should never be left unsupervised in the vehicle.

They could unintentionally start the vehicle.



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Take the KEYLESS GO key with you when leaving the vehicle, even if you are only leaving it for a short while. You may start your vehicle with no key in the ignition lock using the KEYLESS GO button on the selector lever. Preglow is activated and the engine starts automatically. You can start the engine without preglow if the engine is warm: Press and hold KEYLESS GO button 1 until the engine is running. G 1 KEYLESS GO button Vehicles with a petrol engine Depress the brake pedal. The selector lever lock will be released. Press KEYLESS GO button 1 once. The engine starts automatically. 46 Online Version (Edition F1, 06/03) Getting started Driving 6-speed manual transmission Starting the petrol engine Turn the key to position 3 in the ignition lock (page 31) and release it as soon as the engine is running.

E2_F1 B3_P26.60-2197-31 Parking brake Starting the diesel engine Turn the key to position 2 in the ignition lock (page 31). The q preglow indicator lamp in the instrument cluster lights up. P 42.20-2090-31 Gearshift pattern 1 6 Forward gears R Reverse gear Before starting the engine, make sure that the transmission is in neutral. Apply the parking brake (page 47). You will find further information about 6-speed transmission in the "Controls in detail" section (page 163). As soon as the q preglow indicator lamp goes out, turn the key to position 3 in the ignition lock and release it as soon as the engine is running. I Parking brake 2 Release handle Risk of accident G i You can start the engine without preglow if the engine is warm. Never leave children unsupervised in the vehicle.

They could release the parking brake. This could lead to a serious or fatal accident. Online Version (Edition F1, 06/03) 47 Getting started Driving Depress the brake pedal and hold it down. On vehicles with automatic transmission* the selector lever lock is released. Release the parking brake.

To do this, pull handle 2. The 3 indicator lamp in the instrument cluster goes out. i The vehicle will lock itself centrally once you have pulled away. The locking knobs in the doors drop down. You can open the doors from the inside at any time.

You can also switch off the automatic door lock (page 152). Upshifts take place at higher engine speeds after a cold start. This helps the catalytic converter to reach its operating temperature more quickly. 6-speed manual transmission Depress the clutch pedal. Select either first or reverse gear. Release the clutch pedal slowly and depress the accelerator pedal. i The SBC brake system is activated (see page 80). Automatic transmission* Apply the brake. The selector lever lock will be released. Move the selector lever to position D or R.

! Change gear in good time and do not exceed the maximum speed for each gear (page 450). Wherever possible, avoid letting the wheels spin. You could otherwise damage the drive train. Pulling away ! Reverse gear may only be selected when the vehicle is stationary, otherwise the transmission could be damaged. Do not drive at high engine speeds until the engine has warmed up. This will protect the engine. i Wait for the shift process to complete before pulling away. Carefully press the accelerator pedal. 48 Online Version (Edition F1, 06/03) Getting started Driving Risk of accident G Switching on the headlamps Dipped-beam headlamps i On some country-specific vehicle models, the dipped-beam headlamps come on as soon as the ignition is switched on.

Do not downshift until the speed at which you are driving is within the permissible range for the required gear.

Do not change down for additional engine braking on a slippery road surface. The drive wheels could lose traction and the vehicle could skid. You could lose control of your vehicle and cause an accident. The light switch is located between the steering wheel and the driver's door. Main-beam headlamps P 54. 25-2787-31 The combination switch is located on the left of the steering wheel.



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P 54.30-5310-31 Light switch 1 Lights off 2 Dipped-beam headlamps on Turn the light switch to B. Combination switch 1 Main-beam headlamps 2 Headlamp flash Online Version (Edition F1, 06/03) 49 Getting started Driving Press the combination switch forwards 1. The main-beam headlamps come on. The A main-beam indicator lamp in the instrument cluster lights up. You will find further information about the lights in the "Controls in detail" section (page 121). Push the combination switch up 1 or down 2. The corresponding turn signal indicator lamp flashes in the instrument cluster. The combination switch returns to its original position automatically after large steering movements. Windscreen wipers The combination switch is located on the left of the steering wheel. P 54.25-2555-31 i Press the combination switch briefly to indicate a minor change in direction. The appropriate turn signal will flash three times. Combination switch 1 Single wipe 2 To switch on the windscreen wipers Turn signals The combination switch is located on the left of the steering wheel.

P54.25-2554-31 Make sure that the ignition is switched on. Combination switch 1 Right-hand turn signal 2 Left-hand turn signal 50 Online Version (Edition F1, 06/03) Getting started Driving Switching on the windscreen wipers Turn the combination switch to the correct setting depending on the intensity of the rain. 0 I Windscreen wipers off Intermittent wipe (the wiper sweep interval is dependent on how heavy the rain is) Wiping the windscreen using washer fluid Push the combination switch beyond the pressure point in the direction of arrow 1. The windscreen wipers will wipe with windscreen washer fluid. Intermittent wipe continues when the doors are closed again and: when the clutch is depressed on vehicles with manual transmission when the selector lever is moved to D or R on vehicles with automatic transmission* The rain sensor controls the windscreen wipers automatically depending on the intensity of the rain. Make sure that the ignition is switched on. Set the combination switch to position I. There will be one wiper sweep and the wipe intervals will then be controlled according to the intensity of the rain. i Wipe the windscreen using windscreen washer fluid even when it is raining.

By doing so, you will avoid smears on the windscreen. II Normal wipe III Rapid wipe i You can use position I as the univer- Intermittent wipe sal position. The appropriate wiping i frequency is set automatically, depending on the intensity of the rain. If you have selected the intermittent setting, wiping is interrupted Single wipe as soon as the driver's door or front-passenger door is opened. Push the combination switch briefly This protects people getting into up to the pressure point in the diand leaving the vehicle from being rection of arrow 1.

sprayed with water. The windscreen wipers will wipe once without windscreen washer fluid. Online Version (Edition F1, 06/03) 51 Getting started Driving Switching on intermittent wipe Press upper section 1 of the switch. Indicator lamp 2 lights up. Rear window wiper for Estate The switch is located on the centre console.

Wiping with washer fluid Press and hold lower section 3 of the switch. The rear window is wiped for a further five seconds after the switch is released. Switching off intermittent wipe P54.25-3153-31 Bild folgt Press upper section 1 of the switch again. Indicator lamp 2 goes out. 1 Intermittent wipe 2 Indicator lamp 3 Rear window washer system Make sure that the ignition is switched on. i The rear window wiper comes on automatically if you engage reverse gear while the windscreen wipers are on. 52 Online Version (Edition F1, 06/03) Getting started Parking and locking Parking and locking You have now completed your first trip. You have stopped your vehicle and have parked properly. End your journey as follows.

Risk of accident Risk of fire G Parking brake G Only remove the key from the ignition lock when the vehicle is stationary since you cannot steer the vehicle with the key removed.



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Never leave children unsupervised in the vehicle. They could release the parking brake. This could lead to a serious or fatal accident. Make sure that the exhaust system does not come into contact with easily ignitable material such as dry grass or petrol. The material could otherwise ignite and set parts of the vehicle alight. P 42.20-2090-31 1 Parking brake 2 Release handle Depress parking brake 1 firmly. The 3 indicator lamp in the instrument cluster lights up if the engine is running. i On steep slopes, turn the front wheels towards the kerb.

Online Version (Edition F1, 06/03) 53 Getting started Parking and locking Vehicles with automatic transmission* Move the selector lever to P. Stopping the engine Vehicles with 6-speed manual transmission Select either first or reverse gear. Turn the key to position 0 in the ignition lock (page 31) and remove it.

The immobiliser is activated. Press the seat belt release button and guide the belt tongue back to the seat belt guide (page 43).

With KEYLESS GO* Press the KEYLESS GO button on the selector lever. The engine stops and all the lights in the instrument cluster go out. The on-board electronics have the status 1 (page 31). Press the seat belt release button and guide the belt tongue back to the seat belt guide (page 43). With the key Turn the key to position 0 in the ignition lock (page 31) and remove it.

The immobiliser is activated. i The key can only be removed when the selector lever is in position P. Press the seat belt release button and guide the belt tongue back to the seat belt guide (page 43). 54 Online Version (Edition F1, 06/03) Getting started Parking and locking Locking with the remote control Press locking button 1 on the door handle. The locking knobs in the doors drop down. The turn signals flash three times. The immobiliser is activated. Locking Risk of injury G Press the [locking button on the remote control (page 30). The locking knobs in the doors drop down. The turn signals flash three times.

Make sure that nobody can be trapped as you close the doors. Get out of the vehicle and close the doors. Locking with KEYLESS GO* i The on-board electronics have the status 0 after the door is opened, the same as the key having been removed from the ignition. P 80.30-2163-31 You will find further information about closing in the "Controls in detail" section (page 91). I Locking button on the door handle Online Version (Edition F1, 06/03) 55 Safety Occupant safety This section contains all the most important information about your vehicle's restraint systems. The restraint systems are: Seat belts Belt tensioners and belt force limiters Airbags Child seats Child seat recognition As independent systems, their protective functions complement one another. Risk of injury G Airbags Risk of injury Work incorrectly carried out on the restraint systems could cause them to be triggered inadvertently or not at all. Always have service work carried out at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required.

MercedesBenz recommends a Mercedes-Benz Service Centre for this purpose.

In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. G Airbags can provide additional protection in conjunction with a correctly fastened seat belt. However, they are not an alternative to the seat belts. To reduce the risk of severe or even fatal injuries caused by the airbags inflating in an accident with deceleration exceeding a predetermined level, please make sure that: all occupants especially pregnant women wear their seat belts correctly for every trip. Choose a seat position as far back as possible from the airbag, but which still allows you to drive the vehicle safely.

58 Online Version (Edition F1, 06/03) Safety Occupant safety Do not lean forward during the journey. Do not lean on the doors from inside the vehicle.



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Do not put your feet on the dashboard. Only hold the steering wheel by the rim. This allows the airbag to inflate fully.

Do not place any objects on the airbags or between the airbags and the vehicle's occupants. Do not place any objects on the airbags or between the airbags and the vehicle's occupants. Do not hang any hard objects, for example coat hangers, on the grab handles. Risk of injury G After an airbag has been triggered: Do not touch any airbag parts. They may be hot. The airbags in this vehicle deploy in two stages. Therefore an airbag which has been triggered could still inflate. Have the airbags replaced at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Correct operation of the airbags can only be guaranteed if: the front seats are not covered. nothing is placed under the seat surface of the front-passenger seat. the padded boss of the steering wheel, the front-passenger airbag cover, the door trim, the side trim in the rear and the roof lining in the area of the windowbags are not covered and no stickers or badges are affixed. the restraint systems, including the wiring, have not been modified. the seats have not been removed, dismantled or modified. Online Version (Edition F1, 06/03) 59 Safety Occupant safety Risk of injury G The airbags will only be able to perform their intended protective function if the occupants are wearing their seat belts correctly (page 41). Airbags inflate within milliseconds and can therefore cause injury: if the seats are positioned very near to the front airbags. This position is particularly dangerous for small children and babies in rearward-facing child seats on the front-passenger seat. Therefore, only use the special Mercedes-Benz child seat with sensor system (transponder) (page 70) or fit the rearward-facing child seat on a rear seat. Forward-facing child seats without transponder should only be used with the front-passenger seat in its rearmost position.

if occupants behave inappropriately or foolishly. If you sell your vehicle, you are under the obligation to make the buyer aware of these points. You should therefore pass on this Owner's Manual to the new owner for this purpose. Comply with safety regulations when disposing of airbag units. Details of these regulations are available at any Mercedes-Benz Service Centre.

If an airbag is triggered, smoke is emitted as it inflates. This smoke does not constitute a health hazard, nor does it imply that a fire has broken out in the vehicle. The fabric of the airbags can cause minor abrasions as they inflate rapidly. Risk of injury G Occupants, particularly small children, can be severely or fatally injured as a result of inappropriate behaviour or if they are in the immediate vicinity of the front-airbag inflation. Mercedes-Benz recommends that you only use the child restraint systems listed (see page 65).

60 Online Version (Edition F1, 06/03) Safety Occupant safety permanently if the key is turned to position 2 in the ignition lock. It goes out if you start the engine The restraint systems are fully operational if the 1 indicator lamp is not lit when the engine is running. The front-passenger airbag will only be triggered if: the front-passenger seat is occupied and the PASSENGER AIRBAG OFF warning lamp on the centre console is not lit (page 70). Risk of injury G For safety reasons, Mercedes-Benz recommends that you use seat covers which have been tested by Mercedes-Benz and which have a special tear seam for sidebags. These are available from any Mercedes-Benz Service Centre. The 1 indicator lamp in the instrument cluster lights up: for about four seconds if you turn the key to position 1 in the ignition lock. It then goes out briefly and lights up again permanently Front airbags The airbags will not trigger in a minor front-end collision.



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The seat belts will provide the necessary protection in this case. The driver's airbag and front-passenger airbag are triggered in an accident where the front-end is subjected to high acceleration, e.g.

a head-on collision. P 91.60-2400-31 1 Driver's airbag 2 Front-passenger airbag Online Version (Edition F1, 06/03) 61 Safety Occupant safety ! Do not place heavy objects on the front-passenger seat. These could cause the front-passenger airbag and the front-passenger sidebag to be triggered in an accident. The sidebags will not be triggered in a minor side impact. The front-passenger sidebag will only be triggered if the front-passenger seat has heavy objects placed on it or if it is actually occupied. P91.60-2569-31 Sidebags and windowbags Windowbags The windowbags are triggered in an accident: Estate 1 Windowbag 2 Rear sidebag* 3 Front sidebag in which there is high lateral acceleration, e.g. a side impact on the side on which an impact occurs if the vehicle overturns, in those cases where their deployment would offer the vehicle's occupants additional protection The windowbags inflate in the area between the A and C pillars (arrows).*

P 91.60-2563-31 Sidebags The sidebags are triggered in an accident: Saloon 1 Windowbag 2 Rear sidebag* 3 Front sidebag in which there is high lateral acceleration, e.g. a side impact on the side on which an impact occurs 62 Online Version (Edition F1, 06/03) Safety Occupant safety Belt tensioners, belt force limiters The front seat belts and the two outside rear seat belts are equipped with belt tensioners and belt force limiters. These take effect: provided the ignition is switched on in front-end and rear-end collisions where the force of the collision exceeds a predetermined level in certain situations if the vehicle overturns Belt tensioners tighten the seat belts in an accident, pulling them close against the body.*

Belt force limiters reduce the load exerted by the seat belts on the occupants in an accident. Seat belts In many countries there are laws concerning the use of seat belts and child restraint systems. All occupants should always use the seat belts regardless of these regulations. You will find information about fastening the seat belts in the "Getting started" section (page 41). Risk of injury Never modify seat belts in any way.

This can cause the belt tensioners to trigger inadvertently or the seat belts to fail. Always have work on seat belts carried out at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. G Have seat belts which have been damaged or subjected to heavy loads in an accident replaced and have their anchorages checked. For safety reasons, Mercedes-Benz recommends that you only use seat belts which have been specially approved by Mercedes-Benz for your vehicle. Online Version (Edition F1, 06/03) 63 Safety Occupant safety ! Do not fasten a seat belt if you do not intend to secure a person or a load. The belt tensioners could be triggered in an accident if the seat belt tongue is engaged in the buckle. Risk of injury Risk of injury G G Have belt tensioners which have been triggered replaced at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose.

In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Comply with safety regulations when disposing of belt tensioners. Details of these regulations are available at any Mercedes-Benz Service Centre. Children in the vehicle If a child is travelling in your vehicle: secure the child using a child restraint system which is appropriate to his/her age and size and which has been approved for MercedesBenz, preferably on a suitable rear seat make sure that the child is strapped in throughout the trip Child seats and information about the correct child restraint system are available from any Mercedes-Benz Service Centre.



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Never leave children alone in your vehicle. They could otherwise, for example, set the vehicle in motion, injure themselves on moving parts or open the doors, thus endangering themselves and others. Also observe: SBC Stop (page 242) SBC Hold (page 246) Observe the other warnings in this Owner's Manual concerning children in the vehicle. 64 Online Version (Edition F1, 06/03) Safety Occupant safety Child restraint systems Mercedes-Benz recommends that you only use the child restraint systems listed on page 68. Risk of injury You can recognise child seats in the "Universal" category from the orange approval label. The label is attached to the child seat and denotes what type it is.

G P91.00-2150-31 Children under 1.50 m (5 feet) tall or under 12 years of age cannot wear the seat belts properly. They therefore need special restraint systems for protection in an accident. On no account should children travel sitting on the lap of another occupant.

The occupant and the child will otherwise not be protected in an accident and could be seriously or fatally injured. Follow the manufacturer's installation instructions when fitting a child restraint system. Example of a child seat approval label Online Version (Edition F1, 06/03) 65 Safety Occupant safety Suitable seat positions Saloon Weight category and ages Child seat on the front-passenger seat As recommended1 Child seat on left and right rear seat Child seat on centre rear seat without through-loading feature Universal Child seat on centre rear seat with through-loading feature As recommended Category 0: up to 10 kg up to approximately 9 months Category I: 9 to 18 kg approximately 8 months up to 4 years Category II/III: 15 kg to 36 kg approximately 3.5 to 12 years 1 2 3 4 Universal Universal2 Universal Universal3 Universal2 Universal Universal Universal3 Only use child seats with automatic child seat recognition. If you are using a child seat without automatic child seat recognition, move the front-passenger seat to its rearmost position.

Forward-facing child seat in the "Universal" category. Do not use a rearward-facing child seat. 66 Online Version (Edition F1, 06/03) Safety Occupant safety Estate Weight category and ages Category 0: up to 10 kg up to approximately 9 months Category I: 9 to 18 kg approximately 8 months up to 4 years Category II/III: 15 kg to 36 kg approximately 3.5 to 12 years Child seat on the front-passenger seat As recommended1 Child seat on left, right and centre rear seat Universal Child seat on bench seat Not permissible Universal2 Universal As recommended4 Universal2 Universal No child seat required 1 Only use child seats with automatic child seat recognition. 2 If you are using a child seat without automatic child seat recognition, move the front-passenger seat to its rearmost position. 3 Forward-facing child seat in the "Universal" category. 4 Do not use a rearward-facing child seat. Online Version (Edition F1, 06/03) 67 Safety Occupant safety Recommended child restraint systems Weight category and ages Category 0: up to 10 kg up to approximately 9 months Category I: 9 to 18 kg approximately 8 months to 4 years Category II/III: 15 kg to 36 kg approximately 3.5 to 12 years 1 Manufacturer Type Britax Römer Baby Safe Approval number DaimlerChrysler number E1 03 301063 B6 6 86 8159 Automatic child seat recognition Yes Britax Römer Prince E1 03 301096 B6 6 86 8167 B6 6 86 8168 No1 Yes Yes No1 Yes No1 Britax Römer Britax Römer Duo Zoom E1 03 301133 E1 03 301061 B6 6 86 8205 B6 6 86 8166 B6 6 86 8176 Bingo GmbH Rucky E1 03 301107 B6 6 86 8180 If you are using a child seat without automatic child seat recognition, move the front-passenger seat to its rearmost position. 68 Online Version (Edition F1, 06/03) Safety Occupant safety Risk of injury G On the front-passenger seat, use only restraint systems that have been recommended for MercedesBenz and that have automatic child seat recognition.



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You can obtain this information from any Mercedes-Benz Service Centre. If you use a rearward-facing child seat on the front-passenger seat, it must be a special Mercedes-Benz rearward-facing child seat with automatic child seat recognition. If you use any other type of rearward-facing child seat on the frontpassenger seat, the front-passenger airbag will not be deactivated and the child could be seriously or fatally injured by the airbag inflating. For this reason, the instrument panel contains an appropriate warning symbol. If you use a forward-facing child seat without automatic child seat recognition on the front-passenger seat, you must move the front-passenger seat to its rearmost position. Never leave children alone in the vehicle, even if they are secured in a child restraint system. They could open the doors or injure themselves on moving parts in the vehicle. Do not place any objects under the child seat, e.g. a cushion.

The entire support surface of the child seat must be in contact with the vehicle seat. An incorrectly fitted child seat cannot perform its protective function in the event of an accident, and could even lead to injuries. P00.00-3273-31 Rearward-facing child seat warning symbol Online Version (Edition F1, 06/03) 69

Safety Occupant safety Automatic child seat recognition The indicator lamp is located on the centre console. Risk of injury G P68.

10-2863-31 If the PASSENGER AIRBAG OFF warning lamp does not light up when the child seat is fitted, the front-passenger airbag has not been deactivated. This means that a child could sustain life-threatening injuries. In this case, proceed as follows: Do not use a rearward-facing child seat on the front-passenger seat. The child may otherwise be seriously or fatally injured by the airbag inflating. Fit a rearward-facing child seat on a rear seat which has been designed for this purpose.

or Only use a suitable forwardfacing child seat on the frontpassenger seat (page 66). The front-passenger seat must be moved to its rearmost position. Have the automatic child recognition checked at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. 1 Indicator lamp for front-passenger airbag The front-passenger seat sensor system automatically detects whether a special Mercedes-Benz rearward-facing child seat with transponder has been fitted. If this is the case, the PASSENGER AIRBAG OFF warning lamp lights up on the centre console. The front-passenger airbag is deactivated. 70 Online Version (Edition F1, 06/03) Safety Occupant safety ISOFIX child seat securing system* ISOFIX is a standardised restraint system for special child seats on the rear seats. Securing rings are provided for two child seats on the left and righthand seat cushions and on the backrest.

Risk of injury G The ISOFIX child seat securing system is only suitable for children weighing up to 22 kg. Follow the manufacturer's installation instructions when fitting the child seat. An incorrectly fitted child seat could come loose and fatally injure the child or other vehicle occupants. When fitting the child seat, make sure that it is engaged in the securing rings on both sides. Have child seat securing systems and child seats which have been damaged or subjected to a heavy load in an accident replaced at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required.

Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. P 91.12-2356-26 1 Securing ring Risk of injury G ! When fitting the child seat, make sure that the seat belt for the middle seat is not trapped.



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Never leave children unsupervised in the vehicle.

Keep an eye on children, even if they are secured by a child restraint system. Online Version (Edition F1, 06/03) 71 Safety Occupant safety Integrated child seat The child seats are integrated on the right and left-hand sides of the rear bench seat. They comply with legal requirements (ECE Directive 44).*

Mercedes-Benz recommends the integrated child seat for children: from two to twelve years of age weighing between 9 kg and 36 kg For children aged between two and four years or weighing between approximately 9 kg and 18 kg, you also require a padded table which has been specially approved for the integrated child seat. Risk of injury G Follow the manufacturer's installation instructions for fitting the padded table and fastening the seat belt.

Do not carry out any modifications on the child seat or padded table. When a child seat is fitted and occupied, only drive the vehicle with the head restraint installed and correctly adjusted. This reduces the risk of injury to the child in an accident. Children under two years of age require a different child restraint system. Information about other child restraint systems is available at any Mercedes-Benz Service Centre.

Have child seats and padded tables which have been damaged or subjected to a heavy load in an accident replaced at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. 72 Online Version (Edition F1, 06/03) Safety Occupant safety Fastening the seat belt Always fasten the seat belt. Guide the belt over the lap through hook 2. Click the belt tongue into the buckle. If you are using the child seat without the padded table, make sure that the belt: 1 Release handle 2 Hook is routed as low as possible over the child's hip bones is tightened across the lap by pulling the child's shoulder belt up is tight and is routed over the middle of the child's shoulder is not twisted and does not pass around the child's neck or under the child's arm Folding in the child seat Pull seat cushion release handle 1. Push the child seat back in the seat until it engages. P91.20-2073-31 Rear child-proof locks The child-proof locks on the rear doors enable you to secure each door individually.

If a door has been secured: you will not be able to open it from the inside you will be able to open it from the outside, provided the vehicle is not locked (the locking knobs in the doors are up) Folding out the child seat Pull seat cushion release handle 1. Push the child seat upwards and back until it engages. Online Version (Edition F1, 06/03) 73 Safety Occupant safety Tailgate child-proof lock (Estate) Risk of accident Risk of accident G P 68.00-2805-31 Do not leave children unsupervised in the vehicle. They could open one of the front doors, even if it is locked, and thereby endanger themselves and others. G Do not leave children unsupervised in the vehicle. They could otherwise open the tailgate, even if it is locked, and thereby endanger themselves and others. The tailgate child-proof lock prevents the tailgate from being opened from the inside. Unlocking 1 To lock 2 To unlock Slide the locking lever down 2. Locking Slide the locking lever up with a suitable object 1.

Check that the child-proof locks are working properly. 74 Online Version (Edition F1, 06/03) Safety Occupant safety Rear side window child-proof locks Risk of injury Activating Press button 1. Indicator lamp 2 lights up. You can no longer operate the rear side windows using the buttons in the rear compartment. G P 68.

00-3238-31 1 To lock 2 To unlock Always activate the rear side window child-proof locks if children are travelling in the rear of the vehicle.



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Children could otherwise be injured, e.g. by becoming trapped in a window as it closes. The button is located on the driver's door.

P 54.25-2580-31 i The rear side windows can be opened using the driver's door switch even when they have been disabled. Locking Slide the locking lever to the left 1. The tailgate can no longer be opened from the inside. Deactivating Press button 1. Indicator lamp 2 goes out. You can operate the rear side windows from the rear compartment again. Unlocking Slide the locking lever to the right 2. The tailgate can be opened from the inside again. 1 Button 2 Indicator lamp Online Version (Edition F1, 06/03) 75 Safety Driving safety systems In this section, you will find information about the following driving safety systems: ABS (anti-lock braking system) BAS (Brake Assist) ESP (Electronic Stability Program) SBC brake system (Sensotronic Brake Control) Risk of accident G ABS ABS adjusts the brake pressure in such a way that the wheels do not lock when you brake.

This allows you to continue steering the vehicle when braking. ABS works from a speed of about 5 mph (8 km/h) upwards, regardless of road-surface conditions. ABS works on slippery surfaces, even when you only brake gently. The - indicator lamp (page 20) in the instrument cluster lights up when you switch on the ignition. It goes out when the engine is running. Risk of accident The risk of an accident increases if you: drive too fast, particularly when cornering and on wet or smooth roads drive too close to the vehicle in front The driving safety systems described in this section are unable to reduce this risk or overcome the laws of physics. You should therefore always adapt your driving style to suit the current road and weather conditions and maintain a sufficient distance from other road users and objects on the road. i In wintry driving conditions, you will only achieve the maximum effect of ABS, BAS, ESP and the SBC brake system if winter tyres (M+S tyres) are used, with snow chains if necessary. G Do not depress the brake pedal several times in quick succession (pumping). Depress the brake firmly and evenly.

Pumping the brake pedal reduces the braking effect. 76 Online Version (Edition F1, 06/03) Safety Driving safety systems Braking If ABS cuts in while you are braking, the v warning lamp flashes in the instrument cluster. You will not feel the brake pedal pulsating as this happens. When ABS is operating: Continue to depress the brake pedal with force until the braking situation is over. For full braking application: Depress the brake pedal with maximum force.

Risk of accident The brakes will function as usual once you release the brake pedal. BAS is then deactivated. Risk of accident G You should always adapt your driving style to suit the current road and weather conditions and maintain a sufficient distance from other road users and objects on the road. G BAS BAS operates in emergency braking situations. If you depress the brake pedal quickly, BAS automatically boosts the braking force and thus shortens the stopping distance.

Depress the brake pedal firmly until the emergency situation is over. ABS prevents the wheels from locking. If BAS has malfunctioned, the braking system remains available with full brake boosting effect. However, braking force is not automatically increased in emergency braking situations and the stopping distance may increase. Online Version (Edition F1, 06/03) 77 Safety Driving safety systems ! Vehicles without 4MATIC: The ignition must be switched off if: the parking brake is being tested using a dynamometer the vehicle is being towed with the front/rear axle raised Application of the brakes by ESP would otherwise destroy the braking system on the front/rear axle. Vehicles with 4MATIC: The ignition must be switched off when the parking brake is tested with the brake dynamometer. Application of the brakes by ESP would otherwise destroy the braking system on the front/rear axle.



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A function or performance test should only be carried out with a twin-axle dynamometer. ESP monitors the driving stability and the traction, i.e.

power transmission between the tyres and the road surface. ESP detects when a wheel spins or the vehicle enters a skid. ESP stabilises the vehicle by braking individual wheels, limiting the engine power output, and assists you when pulling away on a wet or slippery road surface. ESP also stabilises the vehicle during braking. When ESP intervenes, the v warning lamp flashes in the instrument cluster. The v warning lamp in the instrument cluster lights up when the ignition is switched on. It goes out when the engine is running. Risk of accident G If the v warning lamp flashes in the instrument cluster, proceed as follows: Under no circumstances should you deactivate ESP. Only depress the accelerator pedal as far as necessary when pulling away. Ease off the accelerator pedal when driving.

You should adapt your driving style to suit the current road and weather conditions. Otherwise the vehicle could begin to skid. ESP cannot reduce the risk of an accident if you drive too fast. ESP cannot overcome the laws of physics. 78 Online Version (Edition F1, 06/03) Safety Driving safety systems i Only use wheels with the recommended tyre sizes (page 458).

Only then will ESP function properly. When you switch off ESP: ESP no longer improves driving stability the engine's torque is then no longer limited and the drive wheels could spin. This results in a cutting action of the spinning wheels for better grip traction control is still activated you can still brake with support from ESP Deactivating ESP The button is located on the centre console. Activating/deactivating ESP ESP is activated automatically when the ignition is switched on. It may be best to deactivate ESP in the following situations: if snow chains are being used in deep snow on sand or gravel Risk of accident P 42. 45-3134-31 i If ESP is deactivated and one or more wheels are spinning, the v warning lamp flashes in the instrument cluster. ESP does not then stabilise the vehicle. 1 To activate/deactivate ESP Press button 1. The v warning lamp in the instrument cluster lights up. ESP is deactivated. G Activate ESP as soon as the situations described above no longer apply. ESP will otherwise not be able to stabilise the vehicle if the vehicle starts to skid or when a wheel is spinning. Online Version (Edition F1, 06/03) 79 Safety Driving safety systems Risk of accident G SBC brake system The SBC brake system combines a hydraulic brake system with an electronically-controlled brake boosting effect. This provides increased braking safety and comfort. SBC has the following convenience features in addition to its braking function: SBC Stop (page 242) SBC Hold (page 246) Risk of accident G If the v warning lamp in the instrument cluster lights up continuously when the engine is running, ESP is deactivated.*

The risk of your vehicle skidding is then increased in certain situations. You should therefore always adapt your driving style to suit the current road and weather conditions. Activating ESP Press button 1. The v warning lamp in the instrument cluster goes out. ESP is reactivated. The 3 indicator lamp in the instrument cluster lights up if there is a malfunction in the SBC brake system or the brakes. Always follow the notes in the multi-function display. Refer to the "Practical advice" section (page 360) and (page 397) for information on the types of malfunctions and follow the procedures described in the event of a malfunction. If the SBC brake system malfunctions, Mercedes-Benz recommends that you have the vehicle transported on a transporter or trailer. If this is not possible, a tow bar must be used.

Always comply with the maximum permissible speed and distance for towing in your country. 80 Online Version (Edition F1, 06/03) Safety Driving safety systems switch on the ignition press the button on the selector lever once when using KEYLESS GO depress the brake pedal release the parking brake Risk of injury Risk of accident G G If there are faults in the power supply or the vehicle's electrical system, the SBC brake system switches over to emergency operating mode, since it requires electrical energy.*



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Greater braking force will then be required and the braking and stopping distance will be increased. If necessary, depress the brake pedal with maximum force. The SBC brake system is automatically activated if you: unlock the vehicle using the key or the KEYLESS GO* system open the driver's or front-passenger door i If you activate the SBC brake system with the brake pedal, pedal resistance is reduced and pedal travel is longer the first time you depress the brake.

Pedal travel returns to normal when you release the brake pedal. You may feel the brake pedal pulsate when you release it, and hear a noise. The noise is produced by the SBC pump. It will cease after a short while. If you do not deactivate the SBC brake system before carrying out maintenance work especially the replacement of brake pads this can result in crushing injuries through brake pistons being pressed out or may cause acid burns from leaking brake fluid since the system builds up high brake pressure automatically in order to test the system.

The SBC brake system must be deactivated before service work is carried out on it. You can obtain information on how to deactivate the SBC brake system at any Mercedes-Benz Service Centre. Online Version (Edition F1, 06/03) 81 Safety Driving safety systems Tips for driving with SBC You should downshift (1st, 2nd or 3rd gear) when driving on long and steep downhill gradients. This prevents the brakes from overheating or wearing too quickly. Continue driving for a short time after subjecting the brakes to a heavy load. This allows the airflow to cool the brakes more quickly. Risk of injury You should brake firmly after driving on a wet or snow-covered road surface before stopping the engine. The brake discs dry as they are warmed up, thus preventing corrosion. For safety reasons, Mercedes-Benz recommends that you only use components, e.g.

brake pads, which have been specially approved by Mercedes-Benz for your vehicle. Brake pads which have not been approved for Mercedes-Benz could affect your vehicle's operating safety. Risk of injury G Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. The SBC brake system brake boost switches off automatically: after approximately 20 seconds, if you lock the vehicle from the outside after approximately two minutes if you turn the key to position 0 or remove it from the ignition lock G Make sure that you do not endanger other road users when applying the brakes. You should apply the brakes hard from time to time at a high vehicle speed if the vehicle's brake system has not been subjected to high loads for a long period of time. This improves the grip of the brake pads. 82 Online Version (Edition F1, 06/03) Safety Anti-theft systems Anti-theft systems Immobiliser The immobiliser prevents your vehicle from being started by an unauthorised person. Deactivating the immobiliser With the key Switch on the ignition. Anti-theft alarm system* A visual and audible alarm is triggered if the alarm system is primed and you open: a door Activating the immobiliser With the key Remove the key from the ignition lock.

With KEYLESS GO* Press the KEYLESS GO button twice without depressing the brake. the boot lid/tailgate the bonnet An emergency call is also initiated if: you unlock the vehicle using the emergency key element a window is smashed i The immobiliser is always deactivated when you start the engine. With KEYLESS GO* Press the KEYLESS GO button on the selector lever. The engine switches off. i The alarm is not switched off if you close an open door again. Online Version (Edition F1, 06/03) 83 Safety Anti-theft systems Priming the alarm system The indicator lamp is on the centre console in the central locking button. i The alarm system will be triggered if you unlock and open your vehicle with the emergency key.



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Press the KEYLESS GO button on the selector lever. The key must be inside the vehicle. The alarm switches off.

Switching off the alarm With the key E2_F1 B6_P54.25-3155-31 or Press the OE or [button. The alarm switches off: 1 Indicator lamp Lock your vehicle. The alarm system is primed after approximately 30 seconds. Indicator lamp 1 flashes. or Insert the key in the ignition lock. Tow-away protection* An alarm sounds if your vehicle's angle of inclination is altered while tow-away protection is primed. i The tow-away protection alarm is triggered if the vehicle is jacked up on one side, for example. With KEYLESS GO* Pull the outside door handle.

The key must be outside the vehicle. Priming tow-away protection Lock your vehicle. Tow-away protection is primed after approximately 30 seconds.

Deactivating the alarm system Unlock your vehicle. 84 Online Version (Edition F1, 06/03) Safety Anti-theft systems Deactivating tow-away protection Deactivate tow-away protection if your vehicle: is being transported is to be carried on another vehicle (e.g. ferry, vehicle carrier) This will prevent false alarms. The button is located on the overhead control panel. Turn the key to position 0 or 1 in the ignition lock, or remove it. Press button 1.

The indicator lamp in the button lights up briefly. Tow-away protection is deactivated. Lock your vehicle. i You can only deactivate tow-away protection if the ignition is switched off. Interior motion sensor* A visual and audible alarm is triggered if you vehicle is locked and: someone breaks a side window and reaches into the vehicle someone reaches into the vehicle interior through the open sliding/tilting sunroof*/panorama sliding sunroof* or an open side window The button is on the overhead control panel.

P 54.25-2533-31 i Tow-away protection is automatically deactivated when you unlock your vehicle. P 54.25-2613-31 Tow-away protection remains deactivated until you lock the vehicle again. 1 To deactivate the interior motion sensor 1 To deactivate tow-away protection Online Version (Edition F1, 06/03) 85 Safety Anti-theft systems Priming the interior motion sensor Close the side windows and the sliding/tilting sunroof*/panorama sliding sunroof*.

This will prevent false alarms. Lock your vehicle. The interior motion sensor is primed after approximately 30 seconds. Deactivating the interior motion sensor Deactivate the interior motion sensor if people or animals are to remain in the locked vehicle. This will prevent false alarms. Switch off the ignition or remove the key (page 31). Press button 1. The indicator lamp in the button flashes briefly. Risk of injury G Do not leave children unsupervised in the vehicle. They could open the doors, release the parking brake or injure themselves on moving parts, thus endangering themselves and others.

i Do not leave anything, e.g. mascots, hanging on the rear-view mirror or on the grab handles on the roof lining. These could otherwise trigger false alarms. i

The interior motion sensor remains deactivated until you lock the vehicle again. 86 Online Version (Edition F1, 06/03) Controls in detail Opening and closing

You will find detailed information about the vehicle's functions in the "Controls in detail" section. You will find this section most useful if you are already familiar with the basic functions of the vehicle. If you are not yet familiar with the basic functions, the "Getting started" section will provide you with more information. You will find the reference to the appropriate page number at the start of each section. The remote control locks and unlocks the following centrally: the doors the boot lid/tailgate the fuel filler flap Risk of accident P80.

35-2083-31 G Key 1 Battery check lamp 2 [Locking button 3 S Boot/luggage compartment unlocking button 4 Release catch for emergency key element 5 OE Unlocking button Key with remote control The vehicle's equipment includes two keys with remote control.



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Emergency key element release catches 4 have different colours to help distinguish between the two keys. The remote control allows you to lock and unlock the vehicle from some distance. Only use the remote control in the immediate vicinity of the vehicle to prevent theft. Never leave children unsupervised in the vehicle.

They could open a locked door from the inside or start the vehicle if the key is left in it and thereby endanger themselves and others. You should therefore take the key with you when leaving the vehicle, even if you are only leaving it for a short while. ! Do not expose the key to high levels of electromagnetic radiation. It may otherwise no longer function correctly. 88 Online Version (Edition F1, 06/03) Controls in detail Opening and closing i You can also open and close the sliding/tilting sunroof*/panorama sliding sunroof* and the side windows with the remote control (page 221).

When you unlock the vehicle, the SBC brake system is activated. In an emergency, you can also open the driver's door manually with the key (page 402). If you do not open either a door or the boot/luggage compartment after you have unlocked the vehicle, it will relock itself after approximately 40 seconds.

Locking the vehicle from the boot/luggage compartment* You can lock vehicles with boot lid/ tailgate remote control* and KEYLESS GO* centrally using a switch in the boot lid/tailgate. Locking the vehicle centrally Press the [button. The turn signals flash three times if the doors and boot/luggage compartment are closed. The anti-theft alarm system* is primed and the active drive authorisation system is activated. E2_F1 B6+7_P72.20-2357-31 Factory settings

Unlocking the vehicle centrally Press the OE button. The turn signals flash once.

The locking knobs in the doors pop up. The anti-theft alarm system* is deactivated. Saloon 1 Central locking button Online Version (Edition F1, 06/03) 89 Controls in detail Opening and closing Individual settings If you frequently drive alone, you may wish to change the function of the remote control. Pressing the OE button will then only unlock the driver's door and the fuel filler flap. Press the OE and [buttons simultaneously for about six seconds until battery check lamp 1 flashes twice. Estate 1 Central locking button Press switch 1. The boot lid/tailgate closes automatically. The vehicle locks centrally. Risk of injury The remote control will then function as follows: P 72.20-2217-31 Unlocking the vehicle centrally Press the OE button twice.

The turn signals flash once. The locking knobs in the doors pop up. The anti-theft alarm system* is deactivated. Locking the vehicle centrally Press the [button. The turn signals flash three times if the doors and boot/luggage compartment are closed.

The anti-theft alarm system* is primed and the active drive authorisation system is activated. Unlocking the driver's door Press the OE button once. The turn signals flash once. The locking knob in the door pops up. The anti-theft alarm system* is deactivated.

G Monitor the closing procedure to make sure that nobody can become trapped. 90 Online Version (Edition F1, 06/03) Controls in detail Opening and closing Restoring the factory settings Press the OE and [buttons simultaneously for about six seconds until battery check lamp 1 flashes twice. KEYLESS GO key* The items of optional equipment which can be supplied with your vehicle include two KEYLESS GO keys. When you pull the door handle or pull on the boot lid/tailgate, your vehicle checks the validity of the KEYLESS GO key. If it is the correct KEYLESS GO key, your vehicle unlocks the following centrally if it is still set to the factory setting (page 93): the doors the boot/luggage compartment the fuel filler flap Risk of accident G Checking the battery Press the OE or [button. The batteries in the remote control are OK if battery check lamp 1 lights up briefly. If it does not light up, replace the batteries immediately (page 408).



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Never leave children unsupervised in the vehicle. They could open a locked door from the inside or start the vehicle with a valid KEYLESS GO key left in the vehicle or by pressing the KEYLESS GO button on the selector lever and could thereby endanger themselves and others. Switch off the engine and take the KEYLESS GO key with you, even if you are only leaving for a short while.

Online Version (Edition F1, 06/03) 91 Controls in detail Opening and closing ! Do not expose the KEYLESS GO key to high levels of electromagnetic radiation. It may otherwise no longer function correctly. Points to remember Always carry the KEYLESS GO key on your person. Never store the KEYLESS GO key together with: electronic equipment such as a mobile phone or another KEYLESS GO key metallic objects such as coins or foil This could impair its effectiveness. To be able to start the engine with the KEYLESS GO button on the selector lever: the KEYLESS GO key must be in the vehicle all the doors must be closed the selector lever must be at P or N the brake pedal must be applied If the engine has been started using the KEYLESS GO button on the selector lever, you can switch off the engine using: the KEYLESS GO button on the selector lever the key, if you move the selector lever to P or i You can also treat the KEYLESS GO key in the same way as a normal key with remote control (page 88). You can also close the sliding/ tilting sunroof*/panorama sliding sunroof* and the side windows simultaneously using the locking button on the door handle (page 221). When you unlock the vehicle, the SBC brake system is activated. To lock or unlock the vehicle from the outside using the KEYLESS GO key, the key must be no more than a metre away from the door or boot/luggage compartment. 92 Online Version (Edition F1, 06/03) Controls in detail Opening and closing if the selector lever is still at P after the engine is started and you insert the key in the ignition lock. The inserted key then has priority over the KEYLESS GO function and the vehicle's electrical system will be set in accordance with the key position in the ignition lock.

If the KEYLESS GO key is removed from the vehicle (in luggage or an article of clothing, for instance), it will no longer be possible to lock or start the vehicle. If the KEYLESS GO key is removed from the vehicle while the ignition is on and a door is open, i.e. if a passenger leaves the vehicle with the KEYLESS GO key, the following message will appear in the multifunction display as you pull away: Key not recognised! If the KEYLESS GO key is in the vehicle, the vehicle can be started at any time. If you have left the KEYLESS GO key in the vehicle, you will see the following message in the multi-function display when you lock the vehicle: Key still in vehicle!.

Locking the vehicle centrally Press the locking button on the door handle (page 55) or on the boot/luggage compartment (page 94). The turn signals flash three times if the doors and boot/luggage compartment are closed. The anti-theft alarm system* is primed and the active drive authorisation system is activated. Factory settings Unlocking the vehicle centrally Pull the door handle. The turn signals flash once.

The locking knobs in the doors pop up. The anti-theft alarm system* is deactivated. i If the vehicle was centrally locked before opening the boot/luggage compartment, you only need to close the boot lid/tailgate again. It will then be locked automatically. If you have left the KEYLESS GO key in the vehicle, the boot will not close. i The vehicle may accidentally unlock if the KEYLESS GO key is within one metre of the vehicle and: a gush of water splashes against the door handle or you clean the door handle Online Version (Edition F1, 06/03) 93 Controls in detail Opening and closing Locking the vehicle centrally from the boot E2_F1 B6+4_P80.20-2581-31 Individual setting If you frequently drive alone, you may wish to change the function of the KEYLESS GO key.



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In this setting, only the following unlock when you pull the door handle on the driver's side: the driver's door the fuel filler flap E2_F1 B6+3_P80.20-2580-31 Saloon 1 Locking button Estate 1 Locking button Press locking button 1 on the boot lid/tailgate. The vehicle is locked centrally.

The locking knobs in the doors drop down. The turn signals flash three times. The anti-theft alarm system is primed. E2_F1 B6+9_P80.35-2175-31 1 Battery check lamp 2 [Locking button 3 OE Unlocking button 94 Online Version (Edition F1, 06/03) Controls in detail Opening and closing Press the OE and [buttons simultaneously for about six seconds until battery check lamp 1 flashes twice. The KEYLESS GO key will then function as follows: Restoring the factory settings Press the OE and [buttons simultaneously for about six seconds until battery check lamp 1 flashes twice. i You can only open a locked rear door from the inside if the childproof locks have not been activated. Checking the batteries Press the OE or [button. The batteries in the KEYLESS GO key are OK if battery check lamp 1 lights up briefly. If it does not light up, replace the batteries immediately (page 408).*

P 72.10-2361-31 Unlocking the driver's door Pull the door handle on the driver's door. Unlocking the vehicle centrally Pull the handle of a door other than the driver's door. Opening the doors from the inside You can open a door from the inside at any time, even if it has been locked. 1 Locking knob 2 Inside door handle Pull door handle 2.

Locking knob 1 pops up. Locking the vehicle centrally Press the locking button on the door handle (page 55) or on the boot/luggage compartment (page 94). Online Version (Edition F1, 06/03) 95 Controls in detail Opening and closing Press the OE button on the remote control. The vehicle is unlocked centrally. The boot/luggage compartment can be opened manually.

or Press the S button on the remote control. The boot/luggage compartment is unlocked. The handle is located in the recess for the rear licence plate. Opening the boot lid/tailgate Opening from the outside You can unlock the boot/luggage compartment with the remote control so that it can then be opened manually.

Risk of poisoning E2_F1 B6+1_P80.20-2578-31 G Make sure that the tailgate is always closed when the engine is running. Otherwise exhaust fumes could get into the vehicle interior and poison you. i If the vehicle was previously locked centrally, it is only necessary to close the boot lid/tailgate again. It will then be locked automatically. Illustration shows Saloon ! The boot lid/tailgate swings upwards and out.

Therefore, make sure that there is sufficient clearance above the boot lid/tailgate. 96 Online Version (Edition F1, 06/03) Controls in detail Opening and closing Halting the tailgate opening procedure (Estate) E2_F1 B6+2_P80.20-2579-31 . Opening and halting the tailgate Open the tailgate. Let the tailgate swing upwards and stop it at the required opening position between end position 1 and lowest opening position 2. The tailgate is now halted in this position. You can halt the tailgate opening procedure anywhere in the last third of the opening angle range. P72.20-2219-31 Illustration shows Estate Pull the handle and lift the boot lid/ tailgate. Releasing the tailgate lock Push the tailgate gently downwards.*

The tailgate is disengaged from the hold position and can be opened fully. 1 Tailgate end position 2 Lowest opening position ! Do not place the remote control in the open boot/luggage compartment. Otherwise there is a risk of being locked out. Online Version (Edition F1, 06/03) 97 Controls in detail Opening and closing Opening automatically from the outside (Saloon) You can unlock and open the boot simultaneously with the remote control. Risk of injury G Limiting the boot lid/tailgate opening angle You can limit the boot lid/tailgate opening angle on vehicles with a remote control switch*.*



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The boot lid/ tailgate will then only open level with the roof. This could be useful, for example, if there is insufficient clearance above the boot lid/tailgate. Switch the opening limiter on or off using the operating system (page 153). After loading the vehicle, make sure that the tailgate is not in the halt position.

Secure the load and close the tailgate completely before every journey.

Otherwise the load could fall out of the vehicle and you could thereby cause an accident. A load which has not been secured could injure a vehicle occupant in the event of sharp braking, e.g. in the event of an accident. ! The boot lid automatically swings upwards. Make sure therefore that there is sufficient clearance above the boot. i You can only open the boot when the vehicle is stationary. Press and hold the S button on the remote control until the boot lid opens. i Closing the tailgate from the hold position overrides the lock setting. It will open the next time in the usual way.

i It is possible to limit the opening angle on vehicles with boot remote control* (page 153). 98 Online Version (Edition F1, 06/03) Controls in detail Opening and closing Opening automatically from the inside (Saloon) You can unlock and open the boot simultaneously from the driver's area. Boot lid remote unlocking feature The boot lid remote opening switch is located in the driver's door. Boot lid remote control* The boot lid remote opening switch is located in the driver's door. ! The boot lid automatically swings upwards. Therefore, make sure that there is sufficient clearance above the boot. P 54.25-2581-31 P 54.25-2582-31 I Remote opening switch Pull remote opening switch I until the boot lid opens. The indicator lamp in the switch lights up.

It remains lit until you close the boot lid again. I Remote opening switch Pull remote opening switch I until the boot lid opens. The indicator lamp in the switch lights up. It remains lit until you close the boot lid again. Online Version (Edition F1, 06/03) 99 Controls in detail Opening and closing i To stop the opening procedure, pull or press the remote opening switch.

You can limit the opening angle via the operating system (page 153). ! The tailgate swings upwards. Therefore, make sure that there is sufficient clearance above the luggage compartment. To unlock the tailgate, pull on the upper section of latch 1 and swing the tailgate upwards. i You can prevent the door from being opened by sliding the safety bolt in the latch to the left.

Opening from the inside (Estate) Risk of poisoning i You can only open the tailgate if it is unlocked. G Automatically from the driver's door* You can unlock and open the tailgate simultaneously from the driver's area. Make sure that the tailgate is always closed when the engine is running. Otherwise exhaust fumes could get into the vehicle interior and poison you. Do not leave children alone in the vehicle. They could open the tailgate from the inside and thereby endanger themselves and others. Manually on the tailgate The latch is on the inside of the tailgate. P72.20-2220-31 P54.25-3325-31 I Latch I Remote opening switch* 100 Online Version (Edition F1, 06/03) Controls in detail Opening and closing Pull remote opening switch* I and hold it until: the tailgate is fully open (final stop) or the tailgate has reached the desired opening angle As soon as you release the remote opening switch*, the tailgate stops.

The indicator lamp in the switch lights up. It remains lit until you close the tailgate again. Risk of injury Closing the boot lid/tailgate Closing automatically from the inside* (Saloon) P 54.25-2582-31 G Monitor the boot lid closing procedure to make sure that nobody can become trapped. Release the boot lid remote closing switch to stop the closing procedure. The boot lid remote closing switch is located in the driver's door. I Remote closing switch* Press and hold remote closing switch* I until the indicator lamp in the switch goes out and the boot lid is closed.



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i You can limit the opening angle via the operating system (page 153). i If the boot lid meets resistance while closing, e.g. luggage which is piled too high, the closing procedure is interrupted and the boot lid re-opens. Online Version (Edition F1, 06/03) 101 Controls in detail Opening and closing Closing manually from the inside, vehicles with folding bench seat (Estate) Closing manually from the outside Risk of injury G P 72.20-2173 E2_F1 B6+5_P72.20-2355-31 Make sure that nobody can be trapped as you close the boot lid/ tailgate. i Do not leave the key in the boot. Otherwise you could lock yourself out. Saloon 1 Recess 1 Strap Use strap 1 to pull down the tailgate firmly from the inside. P72.20-2215-31 Estate 1 Recess 102 Online Version (Edition F1, 06/03) Controls in detail Opening and closing Pull the boot lid/tailgate down firmly by recess 1. If necessary, push the boot lid/ tailgate shut from the outside, pressing down on the edges.*

i Do not leave the key in the boot. Otherwise you could lock yourself out. P72.20-2216-31 Closing automatically from the outside Risk of injury G E2_F1 B6+6_P72.20-2356-31 Estate 1 Tailgate closing switch Press closing switch 1 briefly. The boot lid/tailgate closes automatically. Monitor the boot lid/tailgate closing procedure to make sure that nobody can become trapped. Press the closing switch on the boot lid/ tailgate or press the S button on the remote control to halt the closing procedure. Saloon 1 Boot lid closing switch Online Version (Edition F1, 06/03) 103 Controls in detail Opening and closing i If a KEYLESS GO key* has been left in the vehicle, the tailgate will not close. If the boot lid/tailgate touches an object in its upper range of movement, e.*

g. luggage which is piled too high, the closing procedure is interrupted and the boot lid/ tailgate re-opens. Automatic locking The vehicle will lock itself once you have pulled away. You can open a door from the inside at any time, even if it has been locked. Locking and unlocking the vehicle from the inside You can lock or unlock the vehicle centrally from the inside using the central locking button. This feature may be useful if, for example, you wish to unlock the front-passenger door from the inside or lock the vehicle before you pull away. i The doors unlock automatically in the event of an accident if the force of the impact exceeds a predetermined level. The vehicle is locked automatically when the ignition is switched on and the vehicle is moving. You may switch off the automatic locking function via the operating system (page 152). i Estate: The tailgate cannot be closed if the automatically extending luggage compartment floor has not been fully retracted and the locking switch flashes.*

Retract the automatically extending luggage compartment floor completely (page 280). Risk of accident G Do not leave children alone in the vehicle. They could open a door from the inside even if it is locked and thereby endanger themselves or others. 104 Online Version (Edition F1, 06/03) Controls in detail Opening and closing i You can open a door from the inside at any time, even if it has been locked. You can only open a locked rear door from the inside if it has not been locked by the child-proof locks.

If you have locked the vehicle with the remote control or the KEYLESS GO key, you cannot unlock it centrally from the inside. The central locking button is located on the centre console. P 54-25-3306-31 Locking Press upper section 1 of the central locking button. The vehicle locks if all the doors are closed. Unlocking Press lower section 2 of the central locking button.*

The vehicle unlocks. 1 To lock 2 To unlock Online Version (Edition F1, 06/03) 105 Controls in detail Seats You will find information about adjusting the seats in the "Getting started" section (page 34). You will find information about folding down the rear bench seat in the following sections: "Through-loading feature" in the Saloon (page 264).



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"Luggage compartment enlargement" in the Estate (page 268) You can make the settings for the easyentry/exit feature via the operating system (page 154).

The easy-exit feature is activated when you: switch off the ignition and open the driver's door or remove the key from the ignition lock Depending on the settings, either the steering wheel alone swings upwards (factory setting) or the driver's seat moves back and the steering wheel swings upwards. The driver's seat and/or the steering wheel, depending on the settings, are moved automatically to the position previously set as soon as the key is inserted in the ignition lock with the driver's door closed. i Press one of the following switches to halt the procedure: the seat adjustment switch (page 36) the steering column switch (page 39) the memory switch (page 119) The steering wheel and seat positions are stored: when you switch off the ignition when a memory position is stored Easy-entry/exit feature* Risk of injury G Make sure that nobody can be trapped when you activate the easyentry feature. Never leave children unsupervised in the vehicle. They could open the driver's door and thereby unintentionally activate the easy-entry feature. 106 Online Version (Edition F1, 06/03) Controls in detail Seats Lumbar support The lumbar support for the front seats can be adjusted to provide optimum support for your back.

P 91.10-2622-31 Multi-contour seat* You can set the contour of the seat so as to provide optimum support for your back. P 91.25-2136-31 E2_F1 B6+8_P91.25-2252-31 Multi-contour seat controls on vehicles with an electrically adjustable front seat 1 Thumbwheel Turn thumbwheel 1 until the lumbar support is in the required position. 1 2 3 4 Seat cushion length Lumbar region support Upper back support Backrest side cushions Make sure that the ignition is switched on. Multi-contour seat controls on vehicles with a manually adjustable front seat 1 2 3 4 Seat cushion length Lumbar region support Upper back support Backrest side cushions Online Version (Edition F1, 06/03) 107 Controls in detail Seats Adjusting the contour of the backrest Adjust the seat cushion length to the length of your thighs using switch 1. Adjust the contour of the backrest to the required position for your back by pressing the æ or ç button. Press button 2 to move the point of greatest backrest curvature downwards to the lumbar region and press button 3 to move it upwards to the upper back region.

Adjust the side cushions of the backrest using button 4 so that you have good lateral support.

Dynamic driving seat* The dynamic driving seat automatically adapts the sides of the backrest to your current driving style. The dynamic driving seat electronically controls the pressure in the air chambers in the side cushions of the backrest. This function increases ride comfort and driving pleasure. P 54.30-6811-31 i You can set the characteristics of the dynamic driving seat via the operating system (page 156).

P 91.25-2148-31 Activating Press button 5. The indicator lamp in the button comes on and the following display appears in the multi-function display for five seconds. 1 2 3 4 5 Seat cushion length Lumbar region support Upper back support Backrest side cushions To activate the dynamic driving function 6 Massage function 108 Online Version (Edition F1, 06/03) Controls in detail Seats Deactivating Press switch 5 again. The indicator lamp in the button goes out.

Fitting and removing the front head restraints Risk of injury Removing the head restraints Pull up the head restraint as far as it will go. Press release 1. Pull out the head restraint. G Massage function (PULSE) The massage function helps you to prevent muscle tension on long journeys. Press button 6. The indicator lamp in button 6 comes on. The air cushions in the lumbar region vibrate. Occupants should only travel in seats which have the head restraints installed. Installing the head restraints Insert the head restraint so that the notches on the bar are on the left when viewed in the direction of travel.



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Push the head restraint down until you hear it click it into place.

Manually adjustable front seat i The massage function switches off automatically after approximately five minutes. P 91.16-2121-31 1 Release Online Version (Edition F1, 06/03) 109 Controls in detail Seats Electrically adjustable front seat The switch is located on the door control panel. Installing the head restraints Insert the head restraint so that the notches on the bar are on the left when viewed in the direction of travel. Slide switch 1 upwards and hold it for approximately five seconds. Push the head restraint down until you hear it click it into place. Switch on the ignition. Press button 1. The rear seat head restraints are folded back. Folding up the head restraints P91.*

16-2122-31 Rear head restraints Folding back the rear head restraints 1 Head restraint height adjustment switch The button is located on the centre console. P 91.12-2120-31 Removing the head restraints Slide switch 1 upwards until the head restraint is fully extended. Pull out the head restraint. P 54.

25-3156-31 Push the head restraints upwards by hand until they engage. Risk of injury G 1 To fold back the rear seat head restraints Occupants should only travel in seats which have the head restraints in the upright position. 110 Online Version (Edition F1, 06/03) Controls in detail Seats Adjusting the head restraint angle (Estate) You can engage the two outer head restraints in two positions. Adjusting the head restraint height (Estate) Lowering the head restraint Press release 1 and adjust the head restraint to the required position. i P 91.

16-2183-31 P 91.16-2182-31 Make sure that the head restraint touches the back of your head at about eye level. Removing the head restraints (Saloon) 1 Release 1 Button Press button 1. Adjust the head restraints to the required position. You can adjust the height of the two outer head restraints. P*

91.12-2337-31 Raising the head restraint Pull the head restraint up to the required position. i You must push release 1 once the head restraint is fully inserted. 1 Release Online Version (Edition F1, 06/03) 111 Controls in detail Seats Fold the backrest forward (page 264). Fold the head restraint forward.

Press head restraint releases 1 and pull the head restraint out of the guides. Fold the backrest back to its original position. P 91.16-2184-31 Removing the head restraint (Estate) i You must pull the outer head restraints firmly upwards to remove them. When refitting the head restraints, make sure that: you place the correct head restraint on the middle seat. It is marked with the letter "M" on the outsides of the securing ring. i When refitting the head restraints, make sure that: you place the correct head restraint on the middle seat. It is marked with the letter "M" on the outsides of the securing ring. the head restraints engage fully. 1 Release Press head restraint release 1 and pull the head restraint out of the guides.

the head restraints engage fully. 112 Online Version (Edition F1, 06/03) Controls in detail Seats Folding bench seat in the luggage compartment (Estate)*

Risk of injury G Risk of injury G i The folding bench seat in the luggage compartment is only suitable for persons no more than 1.40 m (4' 7") tall and weighing a maximum of 50 kg. Secure children as recommended (page 64). The combined luggage cover and net must be fitted if you are using the folding bench seat.*

If you are using the folding bench seat in the luggage compartment, the backrests on the rear bench seat must be upright and locked. Only start the journey once the head restraint for the folding bench seat is correctly positioned. Adjust the head restraint so that the back of the seat occupant's head is supported at about eye level. This reduces the risk of injury to the child in an accident. Make sure that the seat belt is correctly routed across the body and that the seat belt tongue is engaged in the buckle.



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Only replace damaged covers with genuine Mercedes-Benz covers. Never leave children unsupervised in the vehicle. This applies even if they are secured by a child restraint system. Make sure that luggage and other items are sufficiently secured. People could otherwise be injured as a result of the load being thrown around in the event of sharp braking, a sudden change in direction or an accident. Online Version (Edition F1, 06/03) 113 Controls in detail Seats Folding out the folding bench seat i You can move the rear bench seat backrest to a more upright position in order to sit more comfortably on the folding bench seat (page 271). Pull release handle 1 and fold the folding bench seat backrest upwards. Hook the seat belt into retainers 3. Pull release handle 2 and fold the folding bench seat cushion into the sitting position. Press the seat cushion fully down.

This ensures the backrest engages properly. Fold the head restraints upwards. P91.22-2105-31 Fitting/removing the seat cushion 1 Backrest release handle 2 Seat cushion release handle Before folding out the bench seat you must: move the rear bench seat backrests to the upright position and secure them move the handle for the combined luggage cover and net upwards 3 Seat belt retainers P91.22-2106-31 i You must remove the seat cushion if you wish to raise the luggage compartment floor, e.g. if the vehicle has a flat tyre. 114 Online Version (Edition F1, 06/03) Controls in detail Seats Removing Fitting Folding back the folding bench seat P91.22-2113-31 P91.22-2112-31 P91.

22-2102-31 1 Seat guides 2 Seat cushion Fold seat cushion 2 upwards and remove it from seat guides 1. Guide seat cushion 2 at a slight angle from the rear 3 into seat guides 1. Fold seat cushion 2 back to its original position until it engages 4. 1 Tab 2 Backrest Use tab 1 to pull the seat cushion upwards and fold it back to its original position until it engages. Online Version (Edition F1, 06/03) 115 Controls in detail Seats Seat ventilation* The buttons are located on the upper section of the centre console.

The blue indicator lamps on the buttons indicate the ventilation level you have selected. P91.22-2100-31 P91.22-2116-31 P54.25-3157-31 1 Release button on the bottom of the head restraint Push release button 1 and fold the head restraints down.

1 Release 2 Backrest Press on release 1 and push the head restraints in fully. Fold folding bench seat backrest 2 back until it engages in its original position.

1 Seat ventilation ! To prevent damage, you must insert the head restraints fully into their guides and engage the belt buckles in their guides. 116 Online Version (Edition F1, 06/03) Controls in detail Seats Level 3 2 1 Off Three indicator lamps are lit Two indicator lamps are lit One indicator lamp is lit No indicator lamps are lit i When you open the side windows and the sliding/tilting sunroof*/ panorama sliding sunroof* using the remote control (page 221), the driver's seat ventilation automatically switches to the highest level. P 54.25-3158-31 ! If the battery voltage is too low, the seat ventilation may switch off.

One or more indicator lamps will flash. Make sure that the ignition is switched on. All the lights in the instrument cluster are lit. Switching off the seat ventilation Press button 1 repeatedly until all the indicator lamps go out.

In normal mode, the seat ventilation switches off after approximately 30 minutes. 1 Front seat heating P 54.25-2666-31 Switching on the seat ventilation Press button 1 repeatedly until the required ventilation level is set. Seat heating* The buttons for the front seats are located on the centre console. The buttons for the rear seats are located on the rear doors. The red indicator lamps in the switch indicate the heating level you have selected. 1 Rear seat heating Online Version (Edition F1, 06/03) 117 Controls in detail Seats Switching on the seat heating Three indicator lamps are lit The system switches back to level 2 automatically after approximately 5 minutes.



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2 Two indicator lamps are lit The system switches back to level 1 automatically after approximately 10 minutes. 1 One indicator lamp is lit The seat heating switches off automatically after about 20 minutes. Off No indicator lamps are lit Press button 1 repeatedly until the required heating level is set. Level 3 Switching off the seat heating Press button 1 repeatedly until all the indicator lamps go out. i If the battery voltage is too low, the seat heating may switch off. One or more indicator lamps will flash. Make sure that the ignition is switched on. 118 Online Version (Edition F1, 06/03) Controls in detail Storing settings* Storing settings* You can store up to three different settings for each key using the memory switch. Each seat and backrest position is stored as a single memory preset. On vehicles with the dynamic driving seat*, activation/deactivation of the dynamic driving seat* can also be stored here. The steering wheel and exterior mirror settings are also stored on the driver's side. Key-dependent storage can be switched off via the operating system (page 155). M 1, 2, 3 Memory button Storage position The memory button is on the door. Then press storage position 1, 2 or 3 within three seconds. All the settings are stored in this storage position. P 54.25-2583-31 Calling up a stored setting Risk of accident G Only call up the memory function when the vehicle is stationary. You will otherwise be distracted and could lose control of the vehicle as a result of a seat movement. Press and hold storage position 1, 2 or 3 until the seat, steering wheel and mirrors have moved to the stored position. Make sure that the ignition is switched on. All the lights in the instrument cluster are lit. Storing Adjust the seats, the steering wheel and the mirrors (page 34). Press the M memory button.

Online Version (Edition F1, 06/03) 119 Controls in detail Storing settings* i The setting procedure is interrupted as soon as you release the position button. The buttons and the memory switch are located on the driver's door. Engage reverse gear. The passenger-side exterior mirror turns downwards. Adjust the exterior mirror by pressing button 3 so that you can see the rear wheel and the kerb. Press the M memory button on the memory switch. Then press adjustment button 3 within three seconds. The parking position is stored if the mirror does not move. P 54.25-2584-31 Storing a parking position* To make it easier to park, you can store the passenger-side exterior mirror position in such a way that you can see the rear wheel on that side as soon as you engage reverse gear.

To do this, you must activate the parking position function in the operating system (page 155). You can store one parking position for the passenger-side exterior mirror per key by pressing the memory switch. You will find information about using the parking position in the "Good visibility" section (page 177). 1 2 3 4 Left-hand exterior mirror Right-hand exterior mirror Adjustment button Memory button Make sure that the vehicle is stationary and the ignition is switched on. All the lights in the instrument cluster are lit.

Press button 2. The passenger-side exterior mirror is selected. i If the mirror does move, repeat the steps. You can move the mirror again after storing the setting. 120 Online Version (Edition F1, 06/03) Controls in detail Lighting Lighting You will find information about switching on the lights and indicating a turn in the "Getting started" section (page 49).

For reasons of safety, Mercedes-Benz recommends that you drive with the lights switched on even during the daytime. In some countries, deviations from these instructions are possible due to legal requirements and self-imposed obligations. In these countries, the dipped-beam headlamps are switched on when the ignition is switched on. In countries in which constant headlamp mode is not a legal requirement, you can change this setting via the operating system (page 149).



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i If you drive in countries in which traffic drives on the opposite side of the road to the country where the vehicle is registered, oncoming traffic may be dazzled by the asymmetrical dipped-beam headlamps. Have the headlamps changed to symmetrical dipped-beam when driving in these countries. You can obtain information about this from any Mercedes-Benz Service Centre. Light switch The light switch is located in the cockpit between the steering wheel and the driver's door. E2_F1 B7_P54.25-3602-31 M U C B ^ , Lights off/constant headlamp mode Headlamps controlled automatically Side lamps, licence plate and instrument lighting on Dipped-beam headlamps or main-beam headlamps on Right-hand parking lamp on Left-hand parking lamp on Online Version (Edition F1, 06/03) 121 Controls in detail Lighting *i* A warning sounds if you remove the key from the ignition lock and open the driver's door while the side lamps or dipped-beam headlamps are switched on.

The Switch off lights! message appears in the multi-function display. Automatic headlamp mode The side lamps, dipped-beam headlamps and licence plate illumination are switched on automatically, depending on the brightness of the ambient light. Risk of accident G When it is dark, only turn the light switch from U to B while the vehicle is stationary. You could otherwise cause an accident while headlamp mode is temporarily interrupted. Automatic headlamp mode is only an aid to help you drive the vehicle. You are responsible for the vehicle's lighting at all times. Constant headlamp mode You can set constant headlamp mode via the operating system (page 149). This does not apply in countries in which there is a legal requirement to use constant headlamp mode.

Turn the light switch to M. The dipped-beam headlamps, side lamps and licence plate illumination are switched on when the engine is running. If the light switch is at position U: the headlamps could be temporarily interrupted by strong glare (e.g. from oncoming traffic). the lights do not switch on automatically in foggy conditions. Turn the light switch to B in good time.

Otherwise you could endanger yourself and others. Turn the light switch to U. The side lamps are switched on and off automatically when the key is in position 1 in the ignition lock (page 31). The dipped-beam headlamps, side lamps and licence plate illumination are switched on automatically when the engine is running. 122 Online Version (Edition F1, 06/03) Controls in detail Lighting Front foglamps/rear foglamp Switching on the front foglamps Make sure that the B dippedbeam headlamps are switched on.

Pull the light switch out to the first stop. The green indicator lamp next to the light switch lights up. *i* When the light switch is at U, you cannot switch on the front or rear foglamps. In this case, turn the light switch to B. Risk of accident G When it is dark, only turn the light switch from U to B while the vehicle is stationary. You could otherwise cause an accident while the headlamp mode is temporarily interrupted. Turn the light switch to B before starting a journey if you suspect foggy conditions. Otherwise your vehicle might not be seen and you could thereby endanger yourself and others. Switching on the rear foglamp Make sure that the B dippedbeam headlamps are switched on. Pull the light switch out to the second stop.

The yellow indicator lamp next to the light switch lights up. Online Version (Edition F1, 06/03) 123 Controls in detail Lighting The thumbwheel is located to the right of the light switch. E2_F1 B7_2_P54.25-3605-31 E2_F1 B7_1_P54.25-3604-31 Adjusting the headlamp range The headlamp range control only operates while the engine is running. *i* Models with xenon headlamps do not have a thumbwheel. The headlamp range is adjusted automatically. Estate 1 Headlamp range control Saloon 1 Headlamp range control 0 Front seats occupied 1 Front and rear seats occupied 2 Front and rear seats occupied and boot loaded up to maximum rear axle load 3 Driver's seat occupied and boot loaded up to maximum rear axle load 1 Front and rear seats occupied and luggage compartment loaded up to maximum rear axle load or Driver's seat occupied and luggage compartment loaded up to maximum rear axle load 0 Front seats occupied 1 Front and rear seats occupied 124 Online Version (Edition F1, 06/03) Controls in detail Lighting Headlamp flasher Pull the combination switch briefly in the direction of arrow 2.



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Combination switch The combination switch is located on the left of the steering wheel. Switching on the hazard warning lamps Press hazard warning lamps button 1.

All the turn signals flash. Hazard warning lamps P 54.30-5309-31 The hazard warning lamps still operate if the ignition is switched off. They switch on automatically when an airbag is triggered. The switch is located on the centre console.

i When you indicate a turn, only the turn signal lamps on that side of the vehicle light up. Switching off the hazard warning lamps 1 Main-beam headlamps 2 Headlamp flasher P 54.25-3159-31 Press hazard warning lamps button 1 again. Switching on the main-beam headlamps Turn the light switch to B or U (page 121). Push the combination switch in the direction of arrow 1.

The main-beam headlamps come on. The A main-beam indicator lamp in the instrument cluster lights up. Online Version (Edition F1, 06/03) i If the hazard warning lamps have been switched on automatically, press the hazard warning lamps button twice. 1 Hazard warning lamps button 125 Controls in detail Lighting 4 To switch the front interior lighting on/off 5 Ambient lighting 6 Interior light 7 Reading lamp Interior lighting The switches for the interior lighting are located on the overhead control panel. Switching off Press switch 3 again. The interior lighting remains switched off, even if you: unlock the vehicle Automatic control P 82.00-2141-31 open a door open the boot Switching on Press switch 3. The interior lighting switches on when you: unlock the vehicle open a door open the boot The interior lighting has a delayed switch-off feature. You can set the duration of the interior lighting delayed switch-off via the operating system (page 152). Manual control Switching on the front interior light Press switch 4.*

The front interior lighting comes on. Switching off the front interior light Press switch 4. The front interior lighting goes out. Front overhead control panel 1 To switch the reading lamp on/off 2 To switch the rear interior lighting on/off 3 To switch the automatic control on/off 126 Online Version (Edition F1, 06/03) Controls in detail Lighting Front reading lamps Switching on Press switch 1. The front reading lamp comes on. Switching off Press switch 2. The rear interior lighting goes out. Rear reading lamps Switching on Press switch 3. The rear reading lamp comes on. Switching off Press switch 1.

The front reading lamp goes out. P 82.00-2155-31 Switching off Press switch 3 again. The rear reading lamp goes out. Rear interior lighting Switching on The interior lighting in the rear is switched off using the front overhead control panel.

Press switch 2. The rear interior lighting comes on. Rear overhead control panel 1 2 3 4 5 6 Ambient lighting brighter Reading lamp To switch the reading lamp on/off Interior light Ambient lighting* Ambient lighting* dimmer Dimming the ambient lighting* Brighter Press button 1 repeatedly until the required degree of lighting is set. Dimmer Press button 6 repeatedly until the required degree of lighting is set. Online Version (Edition F1, 06/03) 127 Controls in detail Instrument cluster You will find a full overview of the instrument cluster in the "At a glance" section (page 20).*

If you open a door or press reset button 1 and then do not switch on the ignition or the lights, the display only remains lit for about 30 seconds. You can change the display in the instrument cluster, e.g. the language setting, via the operating system (page 130). Brighter Turn reset button 1 clockwise. The instrument lighting becomes brighter. E2_F1 B8_P54.25-3603-31 Dimmer Turn reset button 1 anti-clockwise. The instrument lighting becomes dimmer. Adjusting the instrument lighting You can adjust the brightness of the instrument lighting with reset button 1.

If you have switched on the vehicle's exterior lighting, the brightness of the switches on the centre console will also be adjusted.



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Coolant temperature gauge The coolant temperature may rise to 120 °C under normal operating conditions and if the concentration of antifreeze /corrosion inhibitor is correct. 1 Reset button The display in the instrument cluster is activated when you: open a door switch on the ignition press reset button I switch on the lights i The instrument lighting adjusts itself in accordance with daylight conditions. 128 Online Version (Edition F1, 06/03) Controls in detail Instrument cluster Distronic* mode: One or two segments in the stored speed range light up. Speedtronic mode: The segments light up from the start of the scale to the selected limit speed. Resetting the trip meter Make sure that you are viewing the standard display (page 135). Press and hold the reset button on the left of the instrument cluster (page 128) until the trip meter is reset. Outside temperature display Risk of accident G Speedometer with segments The segments in the speedometer in the instrument cluster indicate which speed range is available. Cruise control mode: The segments light up from the stored speed to the maximum speed. Rev counter The red band in the rev counter indicates the engine's overrevving range. The speed is restricted to protect the engine when the red band is reached. Even if the temperature displayed is just above the freezing point, the road surface may still be icy, especially in wooded areas or on bridges. You should therefore always adapt your driving style and speed to suit the weather conditions in order to reduce the risk of an accident. There may be a short delay before a lower outside temperature is displayed, for example after leaving a garage. There may also be a short delay before a rise in the outside temperature is displayed. This prevents an incorrect temperature display caused by heat from the engine when the vehicle is stationary or moving slowly. You can set the unit for the outside temperature display via the operating system (page 144). ! Avoid driving in the overrevving range. Doing so could damage the engine. Online Version (Edition F1, 06/03) 129 Controls in detail Operating system The operating system is activated as soon as you turn the key to position 1 in the ignition lock. You may perform the following using the operating system: Call up the information for your vehicle Make settings You can find out when the next service is due, set the language for the messages in the instrument cluster and much more. P 46.10-2331-31 Risk of accident Multi-function steering wheel You can control the multi-function display and the settings in the operating system with the buttons on the multifunction steering wheel. 1 Multi-function display Controlling the operating system 2 Selects a submenu or adjusts the volume æ ç Up/increases the volume Down/decreases the volume 3 Makes a phone call s t Accepts a call Begins dialling Hangs up Rejects an incoming call 4 Jumps from one menu to another è ÿ j k Forwards Back G Only use the operating system when road and traffic conditions permit. Otherwise you will be too distracted. 5 Scrolls within a menu Forwards Back 130 Online Version (Edition F1, 06/03) Controls in detail Operating system The multi-function display changes when you press one of these buttons on the multi-function steering wheel. Several functions are combined thematically in the menus. For example, the AUDIO menu contains functions for operating the radio or CD player. You can use a function to call up information or to change the settings for your vehicle. You can think of the order of the menus and functions in a menu as a circle: If you press the è or ÿ button enough times, each menu will appear one after the other. If you press the k or j button enough times, each menu function will appear one after the other. The Settings menu contains submenus instead of functions with which you can call up or change a setting. The way in which you control these submenus is described in the "Settings menu" section (page 140).



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The number of menus depends on the optional equipment in your vehicle. Online Version (Edition F1, 06/03) 131 Controls in detail Operating system This is what the display looks like when you scroll through the menus. The explanations for the individual menus are shown in the following table. Menu overview E2_P54.32-2319-31 de en fr it sp 132 Online Version (Edition F1, 06/03) Controls in detail Operating system The illustration shows you the menus using a vehicle with COMAND APS* as an example. The menus and their individual functions are shown below. Menu 1 Standard display Menu 2 AUDIO Menu 3 NAVI* Display route guidance Menu 4 Distronic* Call up the setting Commands/submenus Display the outside temper- Select a radio station ature or digital speedometer Check the tyre pressures* Operate the CD player*/ CD changer* Display the digital speedometer Operate the cassette ometer or outside tempera- player* ture Call up ASSYST PLUS Check the engine oil level i The tabular overview of the menus contains generic terms which are not always shown in the operating system.

The related generic term should make it easier for you to familiarise yourself with the menus. The operating system displays the new function range directly with the first menu function. In vehicles with Audio 20*, the operating system displays the audio and phone menus in English. The display for these menus is not dependent on the language selected for the display. Online Version (Edition F1, 06/03) 133 Controls in detail Operating system Menu 5 Malfunction memory Call up malfunction memory Commands/submenus Menu 6 Settings Reset to factory settings Instrument cluster submenu Time/date submenu Lighting submenu Vehicle submenu Heater* submenu Convenience* submenu Dynamic driving seat* submenu Menu 7 Trip computer Consumption statistics after start Consumption statistics after reset Call up the range Menu 8 TEL* Enter PIN Look for a name in the phone book Look for the last phone number dialled 134 Online Version (Edition F1, 06/03) Controls in detail Operating system Instead of the outside temperature, you can also display the digital speedometer. You can select the setting in the instrument cluster submenu using the Basic display function (page 145). You can select the following function in the standard display menu by pressing the k or j button. Function 1 Outside temperature 2 Trip meter If you see a different display, press the è or ÿ button repeatedly until the standard display is shown. Display the outside temperature or digital speedometer Check the tyre pressures* Display the digital speedometer or outside temperature Call up ASSYST PLUS Check the engine oil level Page 135 Standard display menu The basic setting shows the current outside temperature and the trip meter in the multi-function display. This is called the standard display.

E2_F1 de P P54.32-2320-31 Displaying the digital speedometer, status line Press the k or j button repeatedly until you see the digital speedometer in the display. The current speed is shown in the display. E2_F1_P54.32-2321-31 de 313 135 1 Digital speedometer 2 Status line with outside temperature 3 Trip meter 328 308 Online Version (Edition F1, 06/03) 135 Controls in detail Operating system Instead of the outside temperature1, you can also display the digital speedometer in the status line. You can select the setting in the instrument cluster submenu using the Status line display function (page 145). 1 Except for vehicles in the United Kingdom, the digital speedometer is always displayed. You can operate the following equipment: Function Select a radio station Operate the CD player*/ CD changer* Operate the cassette player* Page 136 137 137 de P 54.30-5341-31 en P 54.30-5358-31 fr P 54.

30-5408-31 it P 54.30-5454-30 sp P 54.30-5500-30 1 Frequency range 2 Station Press the k or j button repeatedly until you have found the station you require. Audio menu You can control the audio equipment* which you have just switched on using the functions in the AUDIO menu.



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If no audio equipment has been switched on and: Audio 20* is installed, the AUDIO off message appears in the display Audio 50 APS* or COMAND APS* is installed, the AUDIO off message appears in the display Selecting a radio station Switch on the radio. For notes on how to do this, see the separate Operating Instructions. Press the è or ÿ button repeatedly until you see the station you have just selected in the display. i You can only store new stations using the radio.

For notes on how to do this, see the separate Operating Instructions. You can also operate the radio in the same way as usual.

136 Online Version (Edition F1, 06/03) Controls in detail Operating system Operating the CD player* Switch on the radio and select the CD player. For notes on how to do this, see the separate Operating Instructions. Press the è or ÿ button repeatedly until you see the settings for the CD being played in the display. de P 54.30-5342-31 en P 54.

30-5361-31 fr P 54.30-5409-31 it P 54.30-5455-31 sp P 54.30-5501-31 Audio 50 APS* or COMAND APS* display 1 Current CD (with CD changer*) 2 Current track E2_F1_P54.32-2322-31de Press the k or j button repeatedly until you have selected the desired track.

E2_F1_P54.32-2323-31de en fr it sp Audio 50 APS* display 1 Current side Switching to side 1 Press the k button. Switching to side 2 Press the j button. Operating the cassette deck* Audio 20* system display 1 Current CD (with CD changer) 2 Current track Switch on the radio and select the cassette deck. For notes on how to do this, see the separate Operating Instructions. Press the è or ÿ button repeatedly until you see the settings for the cassette being played in the display. Navi* menu In the Navigation menu, you can display the route guidance function in the navigation system. Press the è or ÿ button repeatedly until you see the Navigation menu in the display. Online Version (Edition F1, 06/03) 137 Controls in detail Operating system If Audio 50 APS* or COMAND APS* is not switched on, the NAV off message is shown in the display. Switch on Audio 50 APS* or COMAND APS*.

For notes on how to do this, see the separate Operating Instructions. You will see different messages in the display, depending on the status of the navigation system: If route guidance is not activated, the display will show the direction of travel and the name of the street on which you are currently driving, provided that the navigation system recognises this street: E2_F1_P54.32-2324-31de en fr it sp 1 Direction of travel 2 Street name When route guidance is activated, the following display is shown: E2_F1_P54.32-2325-31de Press the è or ÿ button repeatedly until you see one of the following two pictures in the display. Distronic deactivated When Distronic is deactivated, you will see the standard display. You can read about how to activate route guidance in the Audio 50 APS* or COMAND APS* Operating Instructions. P 54.30-5134-31 Distronic* menu You can read the current Distronic settings in the Distronic menu. The display shown depends on whether Distronic is activated or deactivated. For how to activate or deactivate Distronic, please refer to the "Driving systems" section (page 227).

1 Vehicle in front, if detected 2 Actual distance to the vehicle in front 3 Specified minimum distance to the vehicle in front 4 Own vehicle 5 Symbol for activated distance warning function 138 Online Version (Edition F1, 06/03) Controls in detail Operating system Distronic activated When Distronic is activated, you will see the Distronic display in the multi-function display and one or two segments light up in the speedometer within the range of the stored desired speed. Malfunction memory menu You can call up malfunctions which have occurred in the malfunction memory menu. The display shown depends on whether malfunctions have occurred or not. Risk of accident No malfunction messages If no malfunctions have occurred, the No Malfunction message appears in the display.



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Malfunctions occurred If malfunctions have occurred, you will see the number of malfunctions in the display: de P 54.

30-6632 -31 G P 54.30-5135-31 The operating system only records malfunctions and warnings from certain systems. You should therefore make sure that your vehicle is safe to use. Otherwise you could endanger yourself and others. Press the è or ÿ button repeatedly until you see the appropriate malfunction memory message in the display.

I Distronic is activated 1 Number of malfunctions Online Version (Edition F1, 06/03) 139 Controls in detail Operating system Press the k or j button. You can scroll through the malfunction messages in sequence. The possible malfunction messages are described in the "Practical advice" section (page 344). If malfunctions occur during your journey, you will see the number of malfunctions displayed again when your journey is complete (turn the ignition key to position 0 or remove it). Press the reset button on the left in the instrument cluster (page 20) repeatedly until you have seen all the malfunction messages.

Settings menu In the Settings. menu, there are two functions: The To reset: Press reset button for 3 seconds function, which you can use to reset all the settings to the factory settings A collection of submenus which you can use to make individual settings for your vehicle Press the è or ÿ button repeatedly until you see the Settings. menu in the display. de P 54.30-5353-31 en P 54.

30-5367-31 fr P 54.30-5413-31 it P 54.30-5459-31 sp P 54.30-5505-31 Function Reset all settings Submenus in the Settings menu Reset the functions of a submenu Instrument cluster submenu Time/date submenu Lighting submenu Vehicle submenu Heater* submenu Convenience* submenu Dynamic driving seat* Page 141 141 142 144 146 149 152 154 154 156 i If you turn the key back to position 1 or 2 in the ignition lock, you will clear the malfunction memory. Should any malfunctions occur again, they will be displayed again. 140 Online Version (Edition F1, 06/03) Controls in detail Operating system Resetting all settings You can return the functions of all the submenus to the factory settings. To do this, press the reset button on the left in the instrument cluster for approximately three seconds. You will see the request in the display to press the reset button once more to confirm. Press the reset button again. All the submenu functions are restored to their factory settings.

i If you do not press the reset button a second time to confirm, the changed settings are retained. You will see the Settings. menu again after approximately five seconds. For safety reasons, not all the functions are reset while you are driving: the Light circuit headlamp mode function in the Lighting submenu the Key dependence function in the Convenience submenu Submenus in the Settings menu Press the k or j button. The collection of submenus is shown in the display.

E2_F1_P54.32-2326-31de en fr it sp Press the ç button. The bar moves to the next submenu. Online Version (Edition F1, 06/03) 141 Controls in detail Operating system The submenus are arranged in a hierarchy. You can scroll down by pressing the ç button and up by pressing the æ button.

You can move to the individual functions within the submenus by pressing the k or j button. You can make the settings as before using the æ or ç button. Resetting the functions of a submenu You can reset the functions in each submenu to the factory settings. Select a function in a submenu. Press the reset button on the left in the instrument cluster for approximately three seconds. A prompt will appear in the display requesting you to press the reset button once more to confirm. Press the reset button again. All the submenu functions are returned to their factory settings. *i* If you do not press the reset button a second time to confirm, the changed settings are retained. You will see the Settings.

menu again after approximately five seconds. 142 Online Version (Edition F1, 06/03) Controls in detail Operating system This table shows the settings you can make in the individual submenus.



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You will find additional information on the subsequent pages. : Instrument cluster Select temperature display unit Select the speed and total distance recorder display unit Select the language Set the status line display Time/date Lighting Vehicle Heater* Convenience* Dynamic driving seat* Adjust the driver's seat* Adjust the front-passenger seat* Set the hours (clock)* Set the minutes (clock)* Set constant headlamp mode Set surround lighting Set permanent Speedtronic Set automatic locking Set the Activate the switch-on time easy-entry feature Set the key dependence Select time Set the ambient display mode lighting* Set the day (date) Set exterior lighting delayed switch-off Set interior lighting delayed switch-off Set the boot lid opening limiter* Set the parking position for the exterior mirrors Fold in the exterior mirrors when locking the vehicle Select the basic display Select the tyre pressure* display unit Set the month (date) Set the year (date) Online Version (Edition F1, 06/03) 143 Controls in detail Operating system Instrument cluster submenu You can access the Instr. cluster submenu via the Settings. menu. You can define the displays in the instrument cluster in the Instr. cluster submenu. The following displays can be defined: Function Select the temperature display unit Select the speed and total distance recorder display unit Select the language Set the status line display Select the basic display Select the tyre pressure* display unit Page 144 144 Selecting the temperature display unit Move the bar to the Instr. cluster submenu using the α or ζ button.

Press the j or k button repeatedly until the Temp. indicator message appears in the display. The current setting is highlighted. de P 54.30-5148-31 en P 54.30-5369-31 fr P 54.30-5415-31 Selecting the speed and total distance recorder display unit Move the bar to the Instr. cluster submenu using the α or ζ button.

Press the k or j button repeatedly, until you see the Display unit message in the display. The current setting is highlighted. de P 54.30-5149-31 en P 54.30-5370-31 fr P 54.30-5416-31 it P 54.30-5462-31 sp P 54.30-5508-31 Press the α or ζ button to select the unit for all the displays1 in km (kilometres) or miles. 1 Vehicles for the United Kingdom: Only the settings for the total distance recorder, trip meter and trip computer are accepted. 145 145 145 146 it P 54.30-5461-31 sp P 54.30-5507-31 Press the α or ζ button to select the temperature display in °C (degrees Celsius) or °F (degrees Fahrenheit).

144 Online Version (Edition F1, 06/03) Controls in detail Operating system Selecting the language Move the bar to the Instr. cluster submenu using the α or ζ button. Press the j or k button repeatedly until you see the Language message in the display. The current setting is highlighted. de P 54.30-5150-31 en P 54.30-5371-31 fr P 54.30-5417-31 it P 54.30-5463-31 sp P 54.30-5509-31 Select the language in which the operating system messages are to appear in the display using the α or ζ button.

You can select German English Italian de P 54.30-5151-31 en P 54.30-5372-31 fr P 54.30-5418-31 it P 54.30-5464-31 sp P 54.30-5510-31 Select the Outside temp. or Speed display in the status line using the α or ζ button. French Spanish Selecting the basic display Move the bar to the Instr. cluster submenu using the α or ζ button. Press the j or k button repeatedly until you see the Basic display message.

The current setting is highlighted. de P 54.30-5152-31 en P 54.30-5373-31 fr P 54.30-5419-31 it P 54.30-5465-31 sp P 54.30-5511-31 Select the Outside temp. or Speed display in the basic display using the α or ζ button. Setting the status line display Move the bar to the Instr. cluster submenu using the α or ζ button.

Press the j or k button repeatedly until you see the Status line display message. The current setting is highlighted. Online Version (Edition F1, 06/03) 145 Controls in detail Operating system Selecting the tyre pressure* display unit Move the bar to the Instr.



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cluster submenu using the α or ζ button. Press the j or k button repeatedly, until you see the Display unit Tyre pressure message in the display. The current setting is highlighted. de P 54.30-5153-31 en P 54.30-5374-31 fr P 54.30-5420-31 it P 54.

30-5466-31 sp P 54.30-5512-31 Select the tyre pressure display unit in bar or psi using the α or ζ button. Time/date submenu You can access the Time/Date submenu via the Settings. menu. You can define the displays in the instrument cluster in the Time/Date submenu.

The following displays can be defined: Function Set the hours (clock)* Set the minutes (clock)* Select the time display* Set the day (date)* Set the month (date)* Set the year (date)* Page 146 147 147 148 148 148 Setting the hours You will only see this function if: you have an Audio 20* system installed you have no audio system Move the bar to the Time/Date submenu using the α or ζ button. Press the j or k button repeatedly until you see the Clock, hours message. The edit mark appears on the hour figure. de P 54.30-5126-31 en P 54.

30-5376-31 fr P 54.30-5422-31 i For how to set the clock using COMAND APS* and Audio 50 APS*, see the separate Operating Instructions. it P 54.30-5468-31 sp P 54.30-5514-31 146 Online Version (Edition F1, 06/03) Controls in detail Operating system Set the hour by pressing the α or ζ button. Press the reset button on the left in the instrument cluster (page 20). The hour time you have set is accepted. de P 54.30-5127-31 en P 54.30-5377-31 fr P 54.

30-5423-31 it P 54.30-5469-31 sp P 54.30-5515-31 Set the minutes by pressing the α or ζ button. Press the reset button on the left in the instrument cluster (page 20). The minute time you have set is accepted. de P 54.30-5128-31 en P 54.30-5378-31 fr P 54.30-5424-31 it P 54.30-5470-31 sp P 54.

30-5516-31 Select the 12h or 24h time display using the α or ζ button. Press the j or k button repeatedly until you see the Display mode message. The current setting is highlighted. Setting the minutes You will only see this function if: you have an Audio 20* system installed you have no audio system Move the bar to the Time/Date submenu using the α or ζ button. Press the j or k button repeatedly until you see the Clock, minutes message.

The edit mark appears on the minutes figure. Selecting the time display mode You will only see this function if you have auxiliary heating. Move the bar to the Time/Date submenu using the α or ζ button. Online Version (Edition F1, 06/03) 147 Controls in detail Operating system Setting the day You will only see this function if you have an Audio 20* system installed you have no audio system Move the bar to the Time/Date submenu using the α or ζ button. Press the j or k button repeatedly until you see the Set date day message in the display.

The edit mark appears on the day. de P 54.30-5129-31 en P 54.30-5379-31 fr P 54.30-5425-31 it P 54.30-5471-31 sp P 54.30-5517-31 Set the day by pressing the α or ζ button. Setting the month You will only see this function if you have an Audio 20* system installed you have no audio system Move the bar to the Time/Date submenu using the α or ζ button. Press the j or k button repeatedly until you see the Set date month message in the display. The edit mark appears on the month.

de P 54.30-5130-31 en P 54.30-5380-31 fr P 54.30-5426-31 it P 54.30-5472-31 sp P 54.30-5518-31 Set the month by pressing the α or ζ button. Setting the year You will only see this function if: you have an Audio 20* system installed you have no audio system Move the bar to the Time/Date submenu using the α or ζ button. Press the j or k button repeatedly until you see the Set date year message in the display. The edit mark appears on the year. de P 54.

30-5131-31 en P 54.30-5381-31 fr P 54.30-5427-31 it P 54.30-5473-31 sp P 54.30-5519-31 Set the year by pressing the α or ζ button.

148 Online Version (Edition F1, 06/03) Controls in detail Operating system Lighting submenu You can access the Lighting submenu via the Settings.



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menu. You can set your vehicle's lighting in the Lighting submenu. You can make the following settings: Function Set constant headlamp mode Set the surround lighting Set the ambient lighting* Set exterior lighting delayed switch-off Set interior lighting delayed switch-off Page 149 150 150 151 152 Setting constant headlamp mode For safety reasons, you can only make this setting while the vehicle is stationary. In countries in which constant headlamp mode is a legal requirement, constant is the factory setting.

Move the bar to the Lighting submenu using the α or ζ button. Press the j or k button repeatedly until you see the Light circuit headlamp mode message. The current setting is highlighted. de P 54.30-5154-31 en P 54.30-5382-31 fr P 54.30-5428-31 it P 54.30-5474-31 sp P 54.30-5520-31 Select whether you wish to operate the lighting manually or whether you wish to set constant headlamp mode by pressing the α or ζ button. If you have set constant headlamp mode and the light switch is in the M position, the following light up automatically when the engine is running: Side lamps and dipped-beam headlamps Licence plate illumination i If you turn the light switch to another position, the appropriate light switches on.

Online Version (Edition F1, 06/03) 149 Controls in detail Operating system i For safety reasons, you cannot reset the Light circuit headlamp mode to the factory setting while you are driving. You will then see the following message in the display: Lighting cannot be completely reset to factory settings while driving! The surround lighting switches off when you open the driver's door. The surround lighting is automatically switched off after 40 seconds. Move the bar to the Lighting submenu using the α or ζ button. Press the j or k button repeatedly until you see the Function Surround lighting message. The current setting is highlighted. E2_F1_P54.32-2327-31 de en fr it sp Using the α or ζ button, switch surround lighting on or off. Setting ambient lighting* This function allows you to adjust the brightness of the ambient lighting. Move the bar to the Lighting submenu using the α or ζ button.

Press the j or k button repeatedly until you see the Ambient light message. The current setting is highlighted. de P 54.30-66318-31 Setting surround lighting If you switch on the surround lighting, the following light up in the dark after you have unlocked the vehicle using the remote control: the side lamps the tail lamps the licence plate illumination the front foglamps the lights in the exterior mirrors* 150 Online Version (Edition F1, 06/03) Controls in detail Operating system Select the brightness of the lights using the α or ζ button. You can select the following: 0, the ambient lighting is switched off.

1, 2, 3, 4, 5, the ambient lighting is switched on. 1 is the lowest and 5 is the highest setting. the front foglamps the lights in the exterior mirrors* de P 54.30-5360-31 i You can reactivate this function within ten minutes by opening a door. If none of the doors are opened after the engine is switched off or if a door is not closed after it has been opened, the lights go out after 60 seconds.

Move the bar to the Lighting submenu using the α or ζ button. Press the j or k button repeatedly until you see the Headlamps delayed switch-off message. The current setting is highlighted. Select the length of time for which you wish the lights to remain on by pressing the α or ζ button. You can select the following: 0s, delayed switch-off is deactivated 15s, 30s, 45s or 60s, the delayed switch-off is activated You can temporarily deactivate delayed switch-off: To do this, turn the key to position 0 in the ignition lock before leaving the vehicle. Setting the exterior lighting delayed switch-off feature You can set whether and for how long you wish the exterior lighting to remain on in the dark after closing the doors by using the Headlamps delayed switch-off function. When you have set the delayed switch-off and switched off the engine, the following light up: the side lamps the tail lamps the licence plate illumination Online Version (Edition F1, 06/03) 151 Controls in detail Operating system Then turn it to position 2 and back to 0.



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Delayed switch-off is deactivated. It is reactivated as soon as you start the engine again. de P 54.

30-5158-31 en P 54.30-5386-31 fr P 54.30-5432-31 it P 54.30-5478-31 sp P 54.30-5524-31 You can make the following settings: Function Set permanent Speedtronic Set automatic locking Set the boot lid/tailgate opening limiter* Page 241 152 153 Setting interior lighting delayed switch-off This function allows you to set whether and for how long you wish the interior lighting to remain on in the dark after you have removed the key from the ignition lock. Move the bar to the Lighting submenu using the α or ζ button. Press the j or k button repeatedly until you see the Int. illumination delayed switch-off message in the display. The current setting is highlighted. Select the length of time you wish the lights to remain on by pressing the α or ζ button.*

You can select the following: 0s, delayed switch-off is deactivated 5s, 10s, 15s or 20s, delayed switch-off is activated Setting the automatic locking You can use this function to activate or deactivate automatic central locking. If the automatic locking function is activated, your vehicle will lock centrally from a speed of about 10 mph (15 km/h) upwards. For further information, see Automatic locking (page 104). Vehicle submenu You can access the Vehicle submenu via the Settings. menu.

You can select your vehicle's general settings in the Vehicle submenu. 152 Online Version (Edition F1, 06/03) Controls in detail Operating system Move the bar to the Vehicle submenu using the α or ζ button. Press the j or k button repeatedly until you see the Automatic door lock message. The current setting is highlighted. E2_F1_P54.

32-2328-31de en fr it sp Switch the automatic door lock on or off using the α or ζ button. Boot lid/Easy-Pack tailgate opening limiter This function allows you to activate and deactivate the opening limiter for the boot lid (Saloon) and the tailgate (Estate). Move the bar to the Vehicle submenu using the α or ζ button. Press the j or k button repeatedly until you see the following message in the display: For Saloon: Opening limiter Boot lid or For Estate: Opening limiter Tailgate. The current setting is highlighted. E2_F1_P54.32-2329-31de en fr it sp Display for Saloon E2_F1_P54.32-2330-31de en fr it sp Display for Estate Switch the opening limiter on or off using the α or ζ button. Online Version (Edition F1, 06/03) 153 Controls in detail Operating system Heater submenu* You can only see the Heater submenu if your vehicle has auxiliary heating*. You can access the Heater submenu via the Settings.*

menu. You can set several switch-on times for the auxiliary heating in this submenu. However, only one switch-on time may be activated at any one time. You can make the following settings: Function Set the switch-on time Page 209 Convenience submenu You can access the Convenience submenu via the Settings.*

menu. You can set a number of convenience features in the Convenience submenu. You can make the following settings: Function Activate the easy-entry feature Set the key dependence Set the parking position for the exterior mirrors Fold in the exterior mirrors when locking the vehicle Page 154 155 155 156

Activating the easy-entry feature You can activate or deactivate the easyentry feature with this function (page 106). Move the bar to the Convenience submenu using the α or ζ button. Press the j or k button repeatedly until you see the Function Easy-entry feature message in the display. The current setting is highlighted.

de P 54.30-5145-31 en P 54.30-5391-31 fr P 54.30-5437-31 it P 54.30-5483-31 sp P 54.

30-5529-31 154 Online Version (Edition F1, 06/03) Controls in detail Operating system Select the function you require using the α or ζ button. You can make the following settings for the easy-entry feature: Off The easy-entry feature is deactivated Move the bar to the Convenience submenu using the α or ζ button.

Press the j or k button repeatedly until you see the Keydependent message in the display.



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The current setting is highlighted. E2_F1_P54.

32-2331-31de en fr it sp Switch the key-dependence on or off using the æ or ç button. Setting the parking position for the exterior mirrors The Mirror adjustment parking aid feature allows you to determine whether the exterior mirror on the front-passenger side should tilt downwards when parking (with reverse gear engaged) (page 177). Move the bar to the Convenience submenu using the æ or ç button. Press the j or k button repeatedly until you see the Mirror adjustment parking aid message in the display. The current setting is highlighted. E2_F1_P54.32-2332-31de en fr it sp Steering col. Only the steering column is moved Steer.col+seat The steering column and seat are moved Storing key dependence For safety reasons, you can only make this setting while the vehicle is stationary. You can determine whether stored settings for the seat, steering wheel, mirrors and other operating system settings are stored as key-dependent settings.

i The driver's seat and the steering wheel position will also be stored if you have selected Steer. col.+seat in the Easy-entry system menu. Online Version (Edition F1, 06/03) 155 Controls in detail Operating system Switch the mirror adjustment parking aid on or off by pressing the æ or ç button. Press the j or k button repeatedly until you see the Fold in mirrors when locking message in the display. The current setting is highlighted. E2_F1_P54.32-2333-31de en fr it sp Switch the mirror adjustment parking aid on or off by pressing the æ or ç button. You can make the following settings: Function Adjust the driver's seat* Adjust the front-passenger seat* Page 156 156 Folding in the exterior mirrors when locking the vehicle The Fold in mirrors when locking function allows you to determine whether the exterior mirrors should fold in when you lock the vehicle. Adapting the driver's and frontpassenger seat The Driv. dyn. seat adjustment function allows you to determine how the seat should adjust during a journey. Move the bar to the Driv. dyn. seat adjustment submenu using the æ or ç button.

Press the j or k button repeatedly until you see the following message in the display: Dyn.Multi-cont. Seat, driver for the driver's seat or i If you have switched the function on and you fold in the exterior mirrors using the button on the door (page 176), they will not fold out when the ignition is switched on. The exterior mirrors can then only be folded out using the button on the door. Move the bar to the Convenience submenu using the æ or ç button. Dynamic driving seat* submenu You can access the Dynamic seat submenu via the Settings. menu. You can make the basic settings for the dynamic driving seats in the Dynamic seat submenu. 156 Online Version (Edition F1, 06/03) Controls in detail Operating system Dyn.Multi-cont. Seat, fr.pass for the front-passenger seat The current setting is highlighted. de P 54.30-6668-31 Trip computer menu You can call up statistical data for your vehicle in the Trip computer menu. You may call up the following information: Function Consumption statistics after start Consumption statistics after reset Call up the range Page 157 158 158 de P 54.

30-6795-31 Select the seat adjustment you require using the æ or ç button. You can select the following: Level 1 for a comfortable seat setting. Level 2 for a sporty, dynamic seat setting. 1 Distance driven since start 2 Time elapsed since the ignition was switched on 3 Average speed since start 4 Average fuel consumption since start i Consumption statistics after start Press the è or ÿ button repeatedly until you see the After start message in the display. If you turn the key to position 0 in the ignition lock or remove it, all the values are reset after approximately four hours. The values will not be reset if you turn the key back to position 1 or 2 during this time. Online Version (Edition F1, 06/03) 157 Controls in detail Operating system Resetting the consumption statistics Press and hold the reset button on the left in the instrument cluster (page 20) until the consumption statistics have been reset to "0".



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de P 54.30-6796-31 Resetting consumption statistics automatically The consumption statistics are automatically reset to "0" if one of the following is exceeded: Consumption statistics since the last reset Press the è or ÿ button repeatedly until you see the After start message in the display. Press the j or k button repeatedly until you see the After reset message in the display.

1 Distance driven since last reset 2 Time elapsed since the last reset This is measured as soon as the ignition is switched on 3 Average speed since last reset 4 Average fuel consumption since last reset Distance covered: 60,000 miles (100,000 km) Time elapsed: 10,000 hours Calling up the range Press the ÿ or è button repeatedly until you see the After start message in the display. Press the j or k button repeatedly until the Range: message appears in the display. de P 54.30-5165-31 en P 54.30-5397-31 fr P 54.

30-5443-31 it P 54.30-5489-31 sp P 54.30-5535-31 Resetting consumption statistics manually Press and hold the reset button on the left in the instrument cluster (page 20) until the consumption statistics have been reset to "0". 158 Online Version (Edition F1, 06/03) Controls in detail Operating system You will see in the display the approximate distance which can be covered by the tank's contents and your style of driving. If the mobile phone is switched off and: Audio 20 is installed, the TEL off message is shown Audio 50 APS or COMAND APS* is installed, the TEL off message is shown Enter the PIN using the mobile phone, Linguatronic*, Audio 20*, Audio 50 APS* or COMAND APS*.*

The mobile phone searches for a network. The display remains empty during this time. As soon as the mobile phone has found a network, the appropriate GSM network provider is shown in the display. de P 54.30-6797-31 TEL menu You can operate your telephone using the functions in the TEL menu provided it is connected to the Mercedes-Benz hands-free system. Switch on the telephone and Audio 20*, Audio 50 APS* or COMAND APS*. For notes on how to do this, see the separate Operating Instructions. Press the ÿ or è button repeatedly until you see the TEL menu in the display. You will see different messages in the display, depending on the status of the mobile phone: i The TEL Enter PIN message appears for five seconds after you have switched on the engine to remind you to enter the PIN. If you have not yet entered a PIN and: Audio 20* is installed, the TEL PIN message appears in the display Audio 50 APS* or COMAND APS* is installed, the TEL Enter PIN message appears in the display 1 Network provider You can now operate the mobile phone.*

Online Version (Edition F1, 06/03) 159 Controls in detail Operating system Accepting a call You may accept an incoming call at any time provided your mobile phone is ready to receive calls. You will see the following message in the display: E2_F1_P54.32-2334-31de Press the s button. You have accepted the call. You will see the call duration in the display. Press the j or k button. The operating system reads the phone book stored on the SIM card or in the mobile phone. This could last up to 30 seconds. If: Audio 20 is installed, the Processing message appears in the display Audio 50 APS* or COMAND APS* is installed, the Please wait message appears in the display Press the j or k button repeatedly until the name being searched for appears in the display. The stored names are displayed alphabetically from A to Z, or Z to A.*

i If you do not wish to accept the call, press the t button. Ending a call Press the t button. You have finished the call. The display now shows the operational readiness symbol again. Audio 20 display E2_F1_P54.*

32-2335-31de en fr it sp Audio 30 APS or COMAND APS display Dialling a number from the phone book You may select and dial a number from the phone book at any time, provided your mobile phone is ready to receive calls. Press the ÿ or è button repeatedly until you see the TEL menu with the operational readiness symbol in the display.*



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160 Online Version (Edition F1, 06/03) Controls in detail Operating system Press the s button. E2_F1_P54.32-2336-31de The operating system dials the selected phone number.

If: Audio 20* is installed, the dialling message appears in the display I Name from the phone book Audio 30 APS* or COMAND APS* is installed, the phone number appears in the display The operating system stores the dialled number in the redial memory. If a connection is made, you will see the name of the person you are calling and the call duration in the display. E2_F1_P54.32-2337-31de I Number or name stored in the redial memory Redialling The operating system stores the last phone numbers which were dialled. This means that you do not have to search through the entire phone book. Press the y or e button repeatedly until you see the TEL menu with the operational readiness symbol in the display. Press the s button. You will see the first number in the redial memory in the display. E2_F1_P54.32-2338-31de i If you do not wish to make a call, press the t button.

Vehicles with Audio 20* or Audio 50 APS*: If you press the j or k button for a longer period, the operating system scrolls through the names rapidly. Releasing the button stops the rapid scroll. Online Version (Edition F1, 06/03) 161 Controls in detail Operating system Press the j or k button repeatedly until the number or name being searched for appears in the display. If a connection is made, you will see the call duration and: the name in the display (provided the latter is stored in the phone book) or the number of the person you are calling i If you do not wish to make a call, press the t button. Press the s button. The operating system dials the selected phone number. 162 Online Version (Edition F1, 06/03) Controls in detail Manual transmission Manual transmission Risk of accident You will find information about driving with a manual transmission in the "Getting started" section (page 45). G Risk of accident G The movement of the pedals must not be impaired in any way. Do not keep any objects in the driver's footwell. Make sure that there is sufficient clearance around the pedals when floormats or carpets are used.

Always apply the parking brake when parking. Never leave children unsupervised in the vehicle. They could move the gear lever and the vehicle could roll away on uphill or downhill gradients. Do not downshift if your speed is above the maximum speed for the desired gear. The drive wheels could lock. Do not change down for additional engine braking on a slippery road surface. This could cause the drive wheels to lose their grip and the vehicle could skid. E2_F1 B9_P26.60-2199-31 Risk of fire G Manual transmission gearshift pattern Make sure that the exhaust system does not come into contact with easily ignitable material such as dry grass or petrol. The material could otherwise ignite and set parts of the vehicle alight.

Online Version (Edition F1, 06/03) 163 Controls in detail Manual transmission ! Do not exceed the maximum speed for each gear (page 450). Changing down at too high a speed (transmission braking) can cause the engine to overspeed which could in turn cause engine damage. Engaging reverse gear ! Only engage reverse gear when the vehicle is stationary, otherwise the transmission could be damaged. Pull the gear lever up and slide it backwards and to the left. 164 Online Version (Edition F1, 06/03) Controls in detail Automatic transmission* Automatic transmission* Risk of accident You will find information about driving with the automatic transmission in the "Getting started" section (page 45). The transmission shift system automatically adapts to your individual driving style by continuously adjusting its shift points. These shift point adjustments take into account the current operating and driving conditions. If the operating conditions change, the automatic transmission reacts by adjusting the gearshift program.



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G The movement of the pedals must not be impaired in any way. Do not keep any objects in the driver's footwell.

Make sure that there is sufficient clearance around the pedals when floor mats or carpets are used. Always apply the parking brake when parking. Never leave children unsupervised in the vehicle. They could move the selector lever and the vehicle could roll away on uphill or downhill gradients. Do not downshift if your speed is above the maximum speed for the desired gear. The drive wheels could lock. Do not change down for additional engine braking on a slippery road surface. This could cause the drive wheels to lose their grip and the vehicle could skid. Risk of fire G Make sure that the exhaust system does not come into contact with easily ignitable material, such as dry grass or petrol. The material could otherwise ignite and set parts of the vehicle alight.

Online Version (Edition F1, 06/03) 165 Controls in detail Automatic transmission When the selector lever is in position D, you can influence the gearshifts made by the automatic transmission by: restricting the shift range and changing gear yourself 1 Shift range 2 Gearshift program C/S The individual gears are selected automatically. The gear selected depends on: the selector lever position D with the shift ranges (page 169) the gearshift program selected (C/S) (page 170) the position of the accelerator pedal (page 170) the road speed The current shift range and the gearshift program (C/S) are displayed in the speedometer. E2_F1 E2_F1 B11_P27.60-2346-31 B12_P54.32-2301-31 166 Online Version (Edition F1, 06/03) Controls in detail Automatic transmission**

Selector lever positions P Parking lock Prevents the vehicle from rolling away when stopped.

Only move the selector lever to P when the vehicle is stationary. The key can only be removed when the selector lever is in position P. The selector lever is locked in position P when the key is removed. R Reverse gear Only move the selector lever to R when the vehicle is stationary. N Neutral No power is transmitted from the engine to the drive wheels.

Releasing the brakes will allow you to move the vehicle freely, e.g. push it, tow it or put it through a car wash. Do not move the selector lever to N while you are driving. The transmission could otherwise be damaged. If ESP has been switched off or has malfunctioned: Only move the selector lever to N if the vehicle is in danger of skidding, e.g. on icy roads. D Drive The transmission changes gear automatically. All the forward gears are available.

One-touch gearshifting When the selector lever is in position D, you can perform gearshifts yourself, even on vehicles with automatic transmission.

Downshifting Press the selector lever briefly to the left towards D. The transmission shifts to the next gear down, depending on the gear currently selected. Doing this also restricts the shift range (page 169). Online Version (Edition F1, 06/03) 167 Controls in detail Automatic transmission Upshifting Press the selector lever briefly to the right towards D+. The transmission shifts to the next gear up, depending on the gearshift program. Doing this also extends the shift range. Risk of accident G Selecting the most effective shift range Press and hold the selector lever towards D. The transmission will shift to a range which allows ideal acceleration and deceleration. To do this, the transmission will shift down one or more gears.*

Do not downshift until the speed at which you are driving is within the permissible range for the required gear (page 452). The drive wheels could otherwise lock. Do not change down for additional engine braking on a slippery road surface. This could cause the drive wheels to lose their grip and the vehicle could skid. Derestricting the shift range Press and hold the selector lever towards D+ until D is displayed once more in the speedometer.

The transmission shifts from the current shift range directly to D.



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i If you push the selector lever towards D while the vehicle is travelling at too high a speed, the transmission will not shift down. The engine could overrev. 168 Online Version (Edition F1, 06/03) Controls in detail Automatic transmission Shift ranges When the selector lever is in position D, you can restrict or derestrict the transmission's shift range by pressing the selector lever to the right towards D+ or to the left towards D. ê The transmission shifts all five or seven gears in vehicles with 7G-TRONIC.*

Vehicles with 7G-TRONIC: The transmission shifts only as far as sixth gear. Vehicles with 7G-TRONIC: The transmission shifts only as far as fifth gear. The transmission shifts only as far as fourth gear. The transmission shifts only as far as third gear. The braking effect of the engine can be utilised in this position. ç The transmission shifts only as far as second gear. For braking on downhill gradients and for driving on steep mountain roads in mountainous terrain in arduous conditions ï i When the maximum engine speed for the shift range is reached and you continue to accelerate, the transmission shifts up, even if the shift range is restricted. î æ é è The transmission works only in first gear. For braking on extremely steep downhill gradients and long downhill stretches. Online Version (Edition F1, 06/03) 169 Controls in detail Automatic transmission The selected gearshift program (C/S) is shown in the speedometer (page 166).*

Press program selector switch 1 until the letter for the gearshift program you require appears in the speedometer (page 166). Select C for comfort mode. The vehicle pulls away more gently in forward and reverse gears. This does not apply to full throttle. 1 Program selector switch S Standard C Comfort For all normal driving conditions For comfort mode Traction is increased. This provides improved driving stability on slippery road surfaces, for example. The transmission shifts up sooner. This means that you drive at lower engine speeds and the wheels are less likely to spin. Program selector switch The switch is located on the lower section of the centre console. Driving tips Accelerator pedal position Your style of driving influences how the automatic transmission shifts gear: Little throttle early upshifts P 27.

60-2350-31 More throttle later upshifts Kickdown Use kickdown for maximum acceleration. Depress the accelerator pedal beyond the pressure point. The transmission shifts to a lower gear. Release the accelerator pedal as soon as the desired speed has been reached. The transmission shifts back up.

! Only press program selector switch 1 when the selector lever is in position P, N or D. 170 Online Version (Edition F1, 06/03) Controls in detail Automatic transmission Stopping If you are only stopping briefly: Leave the selector lever in the drive position. Prevent the vehicle from rolling away by applying the brake. Trailer towing Drive in the middle of the engine speed range on uphill gradients. Shift down to shift range 3 or 2 depending on the steepness of the uphill gradient (page 169), even if cruise control is activated.*

Steering wheel gearshift buttons and E 55 AMG manual gearshift program* The E 55 AMG can be driven in both the automatic and manual gearshift program. Manoeuvring If you are manoeuvring in a tight space: Control the road speed by braking carefully. Press the accelerator pedal carefully. Avoid pressing the accelerator pedal jerkily. Steering wheel gearshift buttons Working on the vehicle Risk of accident You can shift the gears using the steering wheel gearshift buttons or the selector lever. The steering wheel gearshift buttons are on the right and left of the steering wheel. G Apply the parking brake when working on the vehicle with the engine running, and move the selector lever to position P. The vehicle could otherwise roll away. P27.60-2332-31 1 Left-hand button: to downshift 2 Right-hand button: to upshift Online Version (Edition F1, 06/03) 171 Controls in detail Automatic transmission* i You can always change gear using the selector lever or the steering wheel gearshift buttons.*



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Downshifting Risk of accident i G When the selector lever is at P, N or R, you cannot change gear using the steering wheel gearshift buttons. The next time you start the engine using the M manual gearshift program, the S automatic gearshift program is activated. Otherwise, the most recently selected gearshift program (C or S) is activated. Upshifting Press button 2 on the right of the steering wheel. The transmission shifts up to the next gear. If you are not driving in the manual drive program, this extends the shift range (page 169). Do not change down for additional engine braking on a slippery surface. The drive wheels could lose their grip on slippery surfaces and the vehicle could skid. Press button 1 on the left of the steering wheel. The transmission shifts down to the next gear.

If you are not driving in the manual drive program, this limits the shift range (page 169). Manual gearshift program In the manual gearshift program, you can change gear yourself using the steering wheel gearshift buttons or the selector lever. To do this, you must have previously selected the M manual gearshift program using the program selector switch. 172 Online Version (Edition F1, 06/03) Controls in detail Automatic transmission The switch is located on the lower section of the centre console. Activating the manual gearshift program Press program selector switch 1 repeatedly until the letter M for the manual gearshift program appears in the speedometer.*

! Warm up the engine quickly and do not drive at full power until it has reached operating temperature. Only select reverse gear when the vehicle is stationary. Avoid prolonged spinning of a drive wheel when pulling away on a slippery surface. You could otherwise damage the drive train. P27. 60-2352-31 The automatic gearshift program changes to the M manual gearshift program. Automatic gearshifting is deactivated. The shift range is not restricted. In selector lever position D, you can also change gear manually. You can shift up or down through the gears in sequence. The gear currently selected and engaged is shown in the speedometer. Upshifting Press the selector lever briefly to the right towards D+. or Press the button on the right of the steering wheel (page 171). The transmission shifts up to the next gear. 1 Program selector switch S Sport C Comfort M MANUAL For all normal driving conditions For comfort mode For manual gearshifting The selected gearshift program (C/S/M) is shown in the speedometer (page 166).

Online Version (Edition F1, 06/03) 173 Controls in detail Automatic transmission Downshifting Risk of accident Kickdown G You can also use kickdown for maximum acceleration in the manual gearshift program. Depress the accelerator pedal beyond the pressure point. The transmission shifts to a lower gear. Shift back up when the desired speed has been reached. Deactivating the manual gearshift program Press program selector switch 1 repeatedly until the letter C or S for the automatic gearshift program appears in the speedometer. or Start the engine again. Automatic gearshift program S is activated. Do not change down for additional engine braking on a slippery surface. The drive wheels could lose their grip on slippery surfaces and the vehicle could skid. Press the selector lever briefly to the left towards D.*

or Press the button on the left of the steering wheel (page 171). The transmission shifts down to the next gear. i If you apply full throttle, the transmission shifts to the next gear up at maximum engine speed. If you brake the vehicle or come to a halt, the transmission shifts down to the gear that will allow the vehicle to accelerate or pull away most favourably. 174 Online Version (Edition F1, 06/03) Controls in detail Good visibility Good visibility You will find information about the windscreen wipers and adjusting the mirrors in the "Getting started" section (page 50).

Mirrors Risk of accident G Automatic anti-dazzle mirrors The rear-view mirror and the driver's side exterior mirror go into anti-dazzle mode automatically if: the ignition is switched on and the incidental light from headlamps falls on the sensor in the rear-view mirror The mirrors do not go into anti-dazzle mode when: reverse gear is engaged the interior lighting is switched on If the incident light from headlamps cannot strike the sensor in the rearview mirror, if the rear window blind* is extended for instance, the mirrors' automatic anti-dazzle function will not operate.*



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Incident light could then dazzle you. This may prevent you from observing the traffic conditions, thereby causing an accident. Headlamp cleaning system*
The switch is located in the cockpit between the steering wheel and the driver's door. P 54.

25-2790-31 1 To clean the headlamps Make sure that the ignition is switched on. Briefly press button 1. The headlamps are cleaned with a high-pressure water jet. Online Version (Edition F1, 06/03) 175 Controls in detail Good visibility Rear-view mirror, manual antidazzle Folding the exterior mirrors in/ out*
The button is located on the door control panel. P68.00-2806-31 Risk of injury G Electrolyte may escape if the glass in an automatic anti-dazzle mirror breaks. Electrolyte is an aggressive irritant and must not be allowed to come into contact with your skin, eyes or respiratory organs. If electrolyte comes into contact with your eyes or skin, rinse thoroughly with clean water immediately. Consult a doctor if necessary. P 88.

70-2140-31 1 Anti-dazzle lever Press anti-dazzle lever 1 back. The rear-view mirror goes into antidazzle mode. 1 To fold the exterior mirrors in/out Make sure that the ignition is switched on. ! If electrolyte drips onto the vehicle's paintwork, immediately rinse the paintwork thoroughly with clean water. Otherwise it could damage the paintwork. Electrolyte can only be rinsed off before it has dried. Folding in Press button 1. The two exterior mirrors fold in. Folding out Press button 1. The two exterior mirrors fold out.

176 Online Version (Edition F1, 06/03) Controls in detail Good visibility Folding the exterior mirrors in/ out automatically If the relevant function is activated in the operating system (page 156): the exterior mirrors fold in automatically as soon as you lock the vehicle from the outside the exterior mirrors fold out again automatically as soon as you unlock the vehicle and then open the driver's or front-passenger door You can only use this parking aid if you have previously stored the parking position for the exterior mirror on the frontpassenger side using the memory function (page 120). The buttons are on the door control panel. Make sure that the ignition is switched on. Make sure that the Mirror adjustment parking aid function in the Convenience submenu is switched on (page 155). Press button 2 for the exterior mirror on the front-passenger side.

Engage reverse gear. E2_F1 B13_P88.70-2270-31 The exterior mirror on the front-passenger side moves to the stored parking position. The exterior mirror on the front-passenger side moves back to its original position: as soon as you exceed a speed of 5 mph (10 km/h) about ten seconds after reverse gear is deselected if you press button 1 for the driver's exterior mirror i The mirrors do not fold out if they were previously folded in manually. Parking aid* To make it easier to park, the exterior mirror on the front-passenger side moves into the parking position as soon as you engage reverse gear.

This allows you to observe the kerb on the frontpassenger side. 1 Driver's exterior mirror 2 Exterior mirror on the front-passenger side Online Version (Edition F1, 06/03) 177 Controls in detail Good visibility Sun visors The sun visors protect you from glare as you are driving. P 68.00-2818-31 Risk of accident P 68.00-2816-31 G Keep the mirrors in the sun visors covered while driving. Dazzling light could otherwise endanger yourself and others. Sun visor 1 2 3 4 Sun visor Mirror cover Lighting* Vanity mirror Fold sun visor 1 down if you are being dazzled. Make sure that sun visor 1 is engaged in the retainer. Lift up mirror cover 2 if you require the mirror. The lighting switches on.

1 Retainer 2 Additional visor* 3 Sun visor i If the sun is dazzling you from the side, you can pull the visor out of retainer 1, fold it to the side and slide it backwards and forwards*. 178 Online Version (Edition F1, 06/03) Controls in detail Good visibility ! Make sure that the rear window blind can move freely.



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Otherwise the blind or objects could be damaged. Rear window blind* P 68.00-2817-31 The rear window blind protects you from glare and heat radiation. Extending/retracting the rear window blind The button is located on the centre console. 1 Additional visor* P 54.25-3160-31 Extending Press switch 1. The blind extends fully. Retracting Press switch 1.

The blind retracts fully. 1 To extend/retract Online Version (Edition F1, 06/03) 179 Controls in detail Good visibility Switching on Press the F button on the control panel: Thermatic (page 183) Thermotronic* (page 194). The indicator lamp in the button lights up. Roller sunblinds* for the rear side window Rear window heating The rear window heating switches off automatically within a period of 6 to more than 20 minutes. The heating time depends on the outside temperature and the driving conditions.

Risk of accident P67.30-2087-31 G Pull the roller sunblind out by the catch. Hook the catch in at the top. ! Always guide the blind manually. Do not let it snap back suddenly.

You could otherwise damage the automatic roller mechanism. Clear all windows of ice or snow before setting off. Impaired visibility could otherwise endanger yourself and others. Switching off Press the F button on the control panel again: Thermatic (page 183) Thermotronic* (page 194). The indicator lamp in the button goes out. 180 Online Version (Edition F1, 06/03) Controls in detail Thermatic Thermatic E2_F1 B13+1_P83.30-3861-31 1 2 3 4 Thermatic control panel Swivelling centre air vent, left Air vent Swivelling centre air vent, right 5 6 7 8 Centre air vent thumbwheel Side air vent thumbwheel Demister vent Swivelling side air vent 9 a Thumbwheel for adding cold air Centre air vent thumbwheel Online Version (Edition F1, 06/03) 181 Controls in detail Thermatic Risk of injury G i Position the sliders for the centre and side air vents in the central position to provide virtually draughtfree ventilation. When Thermatic is in operation, very hot or very cold air can flow from the vents. This could cause burns or frostbite to bare skin in the immediate vicinity of the vents. Keep bare skin away from these air outlets.

If necessary, use the air-distribution control to direct the airflow away to a different area of the vehicle interior. 182 Online Version (Edition F1, 06/03) Controls in detail Thermatic E2_F1 B13+2_P83.30-3862-31 1 2 3 4 5 6 7 Temperature, left Demists the windows Increases the airflow Air distribution Rear window heating (page 180) Temperature, right Residual heat 8 9 a b c d Cooling off (no electric heater booster*) Air-distribution display Thermatic on/off Airflow display Reduces the airflow Air-recirculation mode e Automatic air distribution and airflow Online Version (Edition F1, 06/03) 183 Controls in detail

Thermatic Thermatic is only operational when the engine is running. Optimum operation is only achieved when you are driving with the windows and sliding/tilting sunroof* closed. You can allow the air-conditioning system to adjust automatically (page 185) or you can adjust it manually (page 186). In automatic mode, Thermatic cools or heats the vehicle interior depending on the: selected temperature outside temperature sunlight You only rarely need to adjust the temperature, airflow and air distribution when automatic mode is set. The integrated combination filter largely filters out particles of dust and completely filters out pollen. i The interval for replacing the filter depends on environmental influences such as heavy air pollution. The interval may be shorter than that indicated in the Service Booklet. A damaged filter reduces the amount of air supplied to the vehicle interior.

Using the residual heat function, the vehicle interior can continue to be heated up when the engine is switched off. Ventilate the vehicle for a brief period during warm weather, e.g. using the summer opening feature (page 221).



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This helps to achieve the required interior temperature more quickly.

Observe the following notes to ensure that Thematic functions correctly: Keep the air inlet between the bonnet and windscreen free of deposits, e.g. ice or snow, to guarantee the supply of fresh air into the vehicle interior. Never cover the vents or air inlet and outlet grilles in the vehicle interior. 184 Online Version (Edition F1, 06/03) Controls in detail Thematic Risk of accident G Activating and deactivating Thematic Deactivating Press the M switch. Controlling the air conditioning automatically Activating Briefly press the U switch with the engine running. The indicator lamp in the switch comes on. The temperature, airflow and air distribution are controlled automatically. Set the required temperature for the driver's and the front-passenger sides separately using the temperature control (page 183). The vehicle interior temperature is adjusted automatically. Follow the settings recommended on the following pages for heating or cooling. The windows could otherwise mist up. This may prevent you from observing the traffic conditions, thereby causing an accident. ! Air supply and air circulation are also switched off if Thematic is deactivated. Only use these settings for a brief period.

The windows could otherwise mist up. Environmental note H The cooling system uses the refrigerant R134A. This refrigerant does not damage the earth's ozone layer. Activating Press the M switch. i You can also press any of the other Thematic switches to activate the system. Online Version (Edition F1, 06/03) 185 Controls in detail Thematic Deactivating Press the U switch. The indicator lamp in the switch goes out. The automatic control for the temperature, airflow and air distribution is deactivated. You can now set the air distribution (page 186) and the airflow (page 187) manually. Reducing the temperature Turn the temperature control anticlockwise.

Thematic adjusts to the set temperature. Setting the air distribution manually The air distribution for the entire vehicle can be set automatically using the U switch (page 183) or manually by pressing air-distribution rocker switch 4 (page 183). The symbols on air-distribution display 9 have the following meanings: Adjusting the temperature for the centre air vents You can reduce the temperature for the centre air vents. Thumbwheel 9 for the temperature is located between the centre air vents (page 181). Turn the thumbwheel (page 181) downwards.

Setting the temperature The temperature can be set separately for each side of the vehicle using temperature controls 1 and 6 (page 183). Vary the temperature settings in small increments only. 22°C is the ideal temperature to start with. Symbol Ó Meaning Directs air to the windscreen and through the centre and side air vents Directs air through the centre and side air vents Directs air to the windscreen, into the footwell and through the centre and side air vents Directs air into the footwell and through the centre and side air vents i Temperature adjustment is only possible in manual mode. Õ Õ Increasing the temperature Turn the temperature control clockwise.

Thematic adjusts to the set temperature. Ó 186 Online Version (Edition F1, 06/03) Controls in detail Thematic Press the lower or upper section of air-distribution rocker switch 4 until air-distribution display 9 shows the symbol you require. The indicator lamp in the U switch goes out. Automatic air distribution is deactivated. The air distribution is controlled in accordance with the selected setting. Setting the airflow manually You can set the airflow automatically (page 185) or manually using the Q and switches on nine levels. Demisting You can use the following settings to demist the windscreen, e.g. when it is covered with frost. Activating Press the Q switch.

The airflow is increased. or Press the switch. The airflow is reduced.



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The indicator lamp in the U switch goes out. The automatic airflow control is deactivated. The airflow is controlled in accordance with the selected level. Airflow display b indicates the level which has been set. Activating Press the P switch. The indicator lamp in the switch comes on. Thermatic automatically switches on the following functions: Maximum blower and heater output Air to the windscreen and front side windows Setting the air distribution for the centre air vents You can set optimum air distribution for the vehicle interior.

Turn centre air vent thumbwheel a on the left and 5 on the right (page 181) until they engage. Air vent 3 and swivelling centre air vents 2 and 4 are fully open. Deactivating Press the P switch. The indicator lamp in the switch goes out. The previously selected setting is reset.

Online Version (Edition F1, 06/03) 187 Controls in detail Thermatic Windows misted up Switch on the windscreen wipers (page 50). Close the air vent at the top of the cockpit. Make sure that automatic mode is switched on (page 185). The indicator lamp in the U switch is lit. Air-recirculation mode You can switch off the flow of fresh air if unpleasant smells are entering the vehicle from outside.

No more fresh air will be taken in and the air inside the vehicle will be recirculated. Risk of accident Activating Press the D switch. The indicator lamp in the switch comes on. i Air-recirculation mode is switched on automatically at high outside temperatures. When air-recirculation mode is activated automatically, the indicator lamp in the D switch is not lit. Outside air is added after about 30 minutes. G i The air distribution in automatic mode is controlled in such a way that the windows cannot usually mist up. Only switch over to air-recirculation mode briefly if the outside temperature is below 5 °C. Otherwise the windows could mist up, thus impairing visibility and endangering yourself and others. This may prevent you from observing the traffic conditions, thereby causing an accident.

Deactivating Press the D switch. The indicator lamp in the switch goes out. 188 Online Version (Edition F1, 06/03) Controls in detail Thermatic i Air-recirculation mode switches off automatically: after approximately five minutes at outside temperatures below approximately 5 °C after approximately five minutes if the cooling function is switched off (page 190) after approximately 30 minutes at outside temperatures above approximately 5 °C Risk of accident G i If you open a window or the sliding/tilting sunroof* manually after closing using the convenience closing feature, they will remain in this position when opened using the convenience opening feature. Make sure that nobody can be trapped as you close the sliding/tilting sunroof* or the side windows. To halt the closing procedure and open the sliding/tilting sunroof*, press the roof switch in the appropriate direction (page 213). Residual heat When you have switched off the engine, you can still heat the stationary vehicle for up to 30 minutes using residual heat. Deactivating/opening Press and hold the D switch for more than two seconds. The indicator lamp in the switch goes out. The side windows and the sliding/tilting sunroof* move back to the previous positions. Air-recirculation mode is deactivated.

Air-recirculation mode with convenience opening/closing feature Activating/closing Press and hold the D switch for more than two seconds. The indicator lamp in the switch comes on. The side windows and the sliding/tilting sunroof* close. Air-recirculation mode is activated. i The heating period depends on: the interior temperature set on the control panel (page 183) the coolant temperature The blower will run at a lower speed regardless of the airflow setting. Online Version (Edition F1, 06/03) 189 Controls in detail Thermatic Activating Make sure that Thermatic is set to automatic mode. Switch off the ignition.



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Press the T switch. The indicator lamp in the switch comes on. i Residual heat is switched off automatically: when you switch on the ignition after about 30 minutes if the battery voltage drops if the coolant temperature is too low Risk of accident G Deactivating Press the T switch.

The indicator lamp in the switch goes out. If you switch off the cooling function, the vehicle will not be cooled in hot weather conditions. The windows could mist up more quickly. This may prevent you from observing the traffic conditions, thereby causing an accident. Activating/deactivating the cooling function The cooling function is operational when the engine is running and cools depending on the interior temperature selected. The cooling also dries the air inside the vehicle and thereby effectively prevents the windows from misting up. Deactivating You can deactivate the cooling. The air in the vehicle will not then be cooled or dehumidified. Press the ACOFF switch. The indicator lamp in the switch comes on.

The heater booster system* (page 206) is deactivated. 190 Online Version (Edition F1, 06/03) Controls in detail Thermatic Activating The windows may mist up if the air is humid. The cooling function can be used to dehumidify the air. Press the ACOFF switch. The indicator lamp in the switch goes out. The rear air vents are located on the rear centre console. Setting the air distribution Push the slider for the left or right centre air vent to the left, right, up or down. The airflow is directed in the corresponding direction. i P 83.00-2080-31 Position the sliders for the rear air vents in the upper position to provide draught-free ventilation.

Rear-compartment air conditioning Air conditioning in the rear compartment is controlled via the control panel for the automatic air conditioning (page 183). You can set the airflow and air direction individually using the rear vents. Rear air vents 1 2 3 4 Swivelling centre air vent, left Swivelling centre air vent, right Centre air vent thumbwheel, right Centre air vent thumbwheel, left Setting the airflow Turn thumbwheel 3 or thumbwheel 4 upwards or downwards. The airflow is increased or reduced. i The temperature of the air from the rear-compartment centre air vents is the same as the temperature of the air from the centre air vents in the cockpit.

Online Version (Edition F1, 06/03) 191 Controls in detail 4-zone Thermotronic* E2_F1 B13+3_P83.30-3863-31 1 2 3 4 Thermotronic control panel Swivelling centre air vent, left Air vent Swivelling centre air vent, right 5 6 7 8 Centre air vent thumbwheel Side air vent thumbwheel Demister vent Swivelling side air vent 9 a Thumbwheel for adding cold air Centre air vent thumbwheel 192 Online Version (Edition F1, 06/03) Controls in detail 4-zone Thermotronic* P 83.00-2065-31 Risk of injury G When 4-zone Thermotronic* is in operation, very hot or very cold air can flow from the vents. This could cause burns or frostbite to bare skin in the immediate vicinity of the vents. Keep bare skin away from these air outlets.

If necessary, use the air-distribution control to direct the airflow away to a different area of the vehicle interior. 1 2 Side air vent thumbwheel Swivelling side air vent Online Version (Edition F1, 06/03) 193 Controls in detail 4-zone Thermotronic* E2_F1 B13+4_P83.30-3864-31 1 2 3 4 5 6 7 Air distribution, left Demists the windows Temperature, left Display Temperature, right Rear window heating (page 180) Air distribution, right 8 9 a b c d Automatic air distribution and airflow, right Activated charcoal filter Rear-compartment air-conditioning remote control Increases the airflow Thermotronic on/off Reduces the airflow e Cooling off (no electric heater booster*) Residual heat Air-recirculation mode Automatic air distribution and airflow, left f g 194 Online Version (Edition F1, 06/03) Controls in detail 4-zone Thermotronic* Thermotronic is only operational when the engine is running.



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Optimum operation is only achieved when you are driving with the windows and sliding/tilting sunroof* closed. You can allow the air-conditioning system to adjust automatically (page 197) or you can adjust it manually (page 198). In automatic mode, Thermotronic cools or heats the vehicle interior in accordance with the: selected temperature outside temperature sunlight Thermotronic is a 4-zone intelligent airconditioning system. The vehicle interior is divided into four zones. The four air-conditioning zones of 4-zone Thermotronic The interior temperature for each of the four zones can be set separately (page 198). P 83.00-2070-31 A solar sensor allows Thermotronic to detect the position of the sun and automatically regulate the interior temperature in each of the four zones.

The integrated combination filter filters out the following completely: particles of dust down to a certain size pollen Online Version (Edition F1, 06/03) 195 Controls in detail 4-zone Thermotronic* The activated charcoal filter, which may also be switched on manually, largely filters out pollutants and odours. i Please observe the following notes to ensure that Thermotronic functions correctly: Keep the air inlet between the bonnet and windscreen free of deposits, e.g. ice and snow, to guarantee the supply of fresh air into the vehicle interior. Never cover the vents or ventilation grilles in the vehicle interior. You can store the Thermotronic settings so that they are key-dependent (page 155). Risk of accident G i The interval for replacing the filter depends on environmental influences such as strong air pollution. The interval may be shorter than that indicated in the Service Booklet. A damaged filter reduces the amount of air supplied to the vehicle interior. Ventilate the vehicle for a brief period during warm weather, e.g. using the summer opening feature (page 221). This helps you to achieve the required interior temperature more quickly. Follow the settings recommended on the following pages for heating or cooling. The windows could otherwise mist up.

This may prevent you from observing the traffic conditions, thereby causing an accident. i Condensation may drip from the underside of the vehicle when it is in cooling mode. Environmental note H The cooling system uses the refrigerant R134A. This refrigerant does not damage the earth's ozone layer. 196 Online Version (Edition F1, 06/03) Controls in detail 4-zone Thermotronic* Activating Press one of the U switches with the engine running.

The indicator lamp in the U switch comes on. The AUTO display in the control panel comes on. The airflow and air distribution are automatically controlled separately for each zone. Activating and deactivating 4-zone Thermotronic Deactivating Press the M switch. Controlling the air conditioning automatically You can switch the automatic air-conditioning control on or off separately for each zone as required. ! Air supply and air circulation are also switched off if Thermotronic is deactivated. This setting should be selected for a limited period only, otherwise the windows may mist up. i If you switch on the automatic air conditioning, you only rarely need to adjust the temperature, airflow or air distribution. The cooling/air dehumidification function is switched on in automatic mode. This function can be switched off as required (page 203).

P83.40-2344 Activating Press the M switch. i You can also press any of the other Thermatic switches to activate the system. Control panel display 1 2 3 4 Temperature, left AUTO function activated Temperature, right Automatically-preset levels Online Version (Edition F1, 06/03) 197 Controls in detail 4-zone Thermotronic* Set the required temperature for the driver's and the front-passenger sides separately using the temperature control (page 194). The vehicle interior temperature is adjusted automatically. Setting the temperature The temperature can be set for each zone using temperature rocker switches 3 and 5 and switch a (page 194).



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Vary the temperature settings in small increments only. 22 °C is the ideal temperature to start with. Reducing the temperature Press the lower section of the temperature rocker switch until the required temperature appears in the control panel display. 4-zone Thermotronic adjusts to the set temperature. Deactivating Press one of the U switches (page 194). The indicator lamp in the switch goes out. The automatic control for the airflow and air distribution is deactivated. You can now set the air distribution (page 199) and the airflow (page 200) manually. Increasing the temperature Press the upper section of the temperature rocker switch until the required temperature appears in the control panel display.

4-zone Thermotronic adjusts to the set temperature. Adjusting the temperature for the centre air vents You can increase or reduce the temperature for the centre air vents. Reducing the temperature Turn thumbwheel 9 between the centre air vents upwards. (page 192). Cooler air flows out of the centre air vents. 198 Online Version (Edition F1, 06/03) Controls in detail 4-zone Thermotronic* Increasing the temperature Turn thumbwheel 9 between the centre air vents downwards. (page 192). Warmer air flows out of the centre air vents. The symbols on the air-distribution display have the following meanings: Turn thumbwheels 1 and 7 to the appropriate symbol (page 194). The indicator lamp in the U switch goes out. Automatic air distribution is switched off. The air distribution is controlled depending on the position of the selected thumbwheel. Symbol \hat{O} Meaning Directs air to the windscreen and through the side air vents Directs air through the centre and side air vents Directs air to the windscreen, into the footwell and through the centre and side air vents Directs air into the footwell and through the side air vents i Temperature adjustment is only possible in manual mode. \tilde{O} Setting the air distribution manually The air distribution can be set separately for each side automatically using the U switch or manually using the thumbwheel (page 194). \hat{O} \hat{O} Online Version (Edition F1, 06/03) 199 Controls in detail 4-zone Thermotronic* Deactivating Press the P switch again.

The indicator lamp in the switch goes out. The previously selected setting is reset. Setting the airflow manually You can set the airflow automatically (page 197) or manually using the Q and switches on nine levels. When you set the airflow manually, the AUTO display on the control panel goes out. The automatic airflow control is deactivated. The airflow is controlled depending on the position of the selected thumbwheel. Demisting You can use the following settings to demist the windscreen, e.g. when it is covered with frost. Activating Press the P switch.

The indicator lamp in the switch comes on. Thermotronic automatically switches on the following functions: Maximum blower and heater output Air flows to the windscreen and the front side windows Windows misted up If the blower is switched off and the airrecirculation mode is switched on, the vehicle interior will no longer be ventilated and the windows could mist up. Switch on the windscreen wipers (page 50). Make sure that the automatic mode is switched on for both sides (page 197). The indicator lamps in the U switches are lit.

Increasing the airflow Press the Q switch. Reducing the airflow Press the switch. i Now you can also set the air distribution manually (page 199). i You should only retain this setting until the windscreen is cleared again. i The air distribution in automatic mode is controlled in such a way that the windows cannot usually mist up.

200 Online Version (Edition F1, 06/03) Controls in detail 4-zone Thermotronic* Air-recirculation mode You can switch off the flow of fresh air if unpleasant smells are entering the vehicle from outside. No more fresh air will be taken in and the air inside the vehicle will be recirculated.



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Risk of accident i Air-recirculation mode is activated automatically at high outside temperatures. Outside air is added after about 30 minutes. Air-recirculation mode with convenience opening/closing feature Activating/closing Press and hold the D switch for more than two seconds. The indicator lamp in the switch comes on. The side windows and the sliding/tilting sunroof close. Air-recirculation mode is activated. Risk of accident G Deactivating Press the D switch. The indicator lamp in the switch goes out.*

Only switch over to air-recirculation mode briefly if the outside temperature is below 5 °C. The windows could otherwise mist up. This may prevent you from observing the traffic conditions, thereby causing an accident. i Air-recirculation mode switches off automatically: after approximately 30 minutes at outside temperatures above approximately 5 °C after approximately five minutes at outside temperatures below approximately 5 °C after approximately five minutes if the cooling function is switched off (page 203) G Make sure that nobody can be trapped as you close the sliding/tilting sunroof or the side windows. To halt the closing procedure and open the sliding/tilting sunroof*, press the roof switch in the appropriate direction (page 213). Activating Press the D switch. The indicator lamp in the switch comes on. Online Version (Edition F1, 06/03) 201 Controls in detail 4-zone Thermotronic* Deactivating/opening Press and hold the D switch for more than two seconds. The indicator lamp in the switch goes out. The side windows and the sliding/tilting sunroof* move back to the previous position.*

Air-recirculation mode is deactivated. Activated charcoal filter with pollutant-sensitive air-recirculation mode The activated charcoal filter reduces pollutants and odours in the outside air. You can activate and deactivate the activated charcoal filter as required. Thermotronic automatically switches to air-recirculation mode if: the activated charcoal filter is activated specific values for carbon monoxide or nitrogen oxide are exceeded in the outside air Activating Press the e switch. The indicator lamp in the switch comes on.

The activated charcoal filter is activated. Deactivating Press the e switch. The indicator lamp in the switch goes out. The activated charcoal filter is deactivated. i If you open a window or the sliding/tilting sunroof manually after closing using the convenience closing feature, they will remain in this position when opened using the convenience opening feature.*

Residual heat When you have switched off the engine, you can still heat the stationary vehicle for up to 30 minutes using residual heat. i Pollutant-sensitive air-recirculation mode is not available if you have deactivated the cooling function (page 203) or the outside temperature has fallen below 5 °C. 202 Online Version (Edition F1, 06/03) Controls in detail 4-zone Thermotronic i The heating period depends on: the interior temperature set on the control panel (page 194) the coolant temperature The blower will run at a lower speed regardless of the airflow setting. i Residual heat is switched off automatically: when you switch on the ignition after about 30 minutes if the battery voltage drops Activating/deactivating the cooling function The cooling function is operational when the engine is running and cools depending on the interior temperature selected. The cooling also dries the air inside the vehicle and thereby effectively prevents the windows from misting up. Risk of accident Activating Switch off the ignition. Press the T switch. The indicator lamp in the switch comes on. If you switch off the cooling, the vehicle will not be cooled in hot weather conditions. The windows could mist up more quickly.*

This may prevent you from observing the traffic conditions, thereby causing an accident. G Deactivating Press the T switch. The indicator lamp in the switch goes out. Online Version (Edition F1, 06/03) 203 Controls in detail 4-zone Thermotronic Deactivating You can switch off the cooling.*



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The air in the vehicle will not then be cooled or dehumidified. Press the ACOFF switch. The indicator lamp in the switch comes on. The cooling function is deactivated. The heater booster system* (page 206) is deactivated. control panel.

Further information about the front control panel can be found from page 194 onwards. Rear-compartment air conditioning Setting the temperature Set the temperature in the rear compartment separately for the right and left-hand sides using rocker switches 4 and 6. P 83.30-3670-31 Activating The windows may mist up if the air is humid. The cooling function can be used to dehumidify the air.

Press the ACOFF switch. The indicator lamp in the switch goes out. The cooling function is activated. Rear-compartment Thermotronic control panel 1 2 3 4 5 6 7 Swivelling centre air vent, left Swivelling centre air vent, right Centre air vent thumbwheel, right Temperature, right Display Temperature, left Centre air vent thumbwheel, left P83.50-2054 Display 1 Temperature display, left 2 Temperature display, right i Mercedes-Benz recommends that you set the temperature to 22 °C for both the left and right-hand sides.

You can set the rear-compartment air conditioning using the rear-compartment control panel in exactly the same way as you would set it using the front 204 Online Version (Edition F1, 06/03) Controls in detail 4-zone Thermotronic* i Setting the airflow Turn the thumbwheel up or down to The rear-compartment air conditionset the required airflow ing does not cool the air if the cool(page 204). ing function in the automatic air conditioning has been switched off on the front control panel Controlling the rear-compart(page 203). ment air conditioning from the The heater booster system* (page 206) is then also switched off. Set the rear-compartment temperature separately for the left and right-hand sides using temperature rocker switches 3 and 5 (page 194). The display changes back to the standard display about five seconds after a switch was last pressed. front You can also control the rear-compartment air conditioning using the control panel in the centre console. Press the TM switch. The display switches over. i You can also return to the standard display by pressing the TM switch again. Setting the air distribution Push the slider for the left or right centre air vent (page 204) to the left, right, up or down.

The airflow is directed in the corresponding direction. i Position the sliders for the rearcompartment air vents in the upper position to provide draught-free ventilation. P83.40-2345 1 Rear-compartment remote control activated Online Version (Edition F1, 06/03) 205 Controls in detail Heater booster system* on vehicles with a diesel engine Your vehicle is equipped with a heater booster system. A PTC heating element ensures that the vehicle interior is heated up as quickly as possible during the warm-up phase. The heater booster system switches itself on as required. i If ACOFF economy mode is activated, the PTC heating element is not switched on. 206 Online Version (Edition F1, 06/03) Controls in detail Auxiliary heating/ventilation* Auxiliary heating/ventilation* The auxiliary heating/ventilation heats or ventilates the vehicle interior according to the values you have set on the airconditioning control panel, and the interior temperature. You can set up to three switch-on times using the operating system. You can activate and deactivate the auxiliary heating/ventilation: the switch on the centre console the remote control and the preset time function Risk of fire and poisoning The auxiliary heating switches off automatically after a maximum of 50 minutes.

You can have this time changed. Visit a qualified specialist workshop, e.g. the nearest Mercedes-Benz Service Centre. G Do not switch on the auxiliary heating: at the filling station in confined spaces without an extraction system, e. g. in the garage Otherwise you could endanger yourself and others.



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i The auxiliary heating/ventilation ventilates the vehicle interior before heating it, depending on the temperature and conditions. This ensures that the required temperature is achieved more quickly. i Safe operation of the auxiliary heating can no longer be guaranteed if the reserve fuel level is reached and the reserve fuel warning lamp in the instrument cluster lights up (page 400).

Before activating You should preferably set the air conditioning to U. We recommend that you set the temperature to 22 °C for both the left and right-hand sides. The auxiliary heating/ventilation regulates the set temperatures automatically. Online Version (Edition F1, 06/03) 207 Controls in detail Auxiliary heating/ventilation i The auxiliary heating/ventilation can also be activated manually. Optimum comfort can only be obtained by using the U setting. Blue Red Yellow Activated Auxiliary ventilation Auxiliary heating Auxiliary heating/ ventilation preset time transmitting from an enclosed space i For each vehicle, one additional remote control of the same configuration may be used. Any MercedesBenz Service Centre can provide you with details. Activating Switch on the centre console Press and hold switch 1 for at least two seconds. The red or the blue indicator lamp in the switch lights up. The auxiliary heating/ventilation is activated.*

P83.70-3902-31 P 54.25-3161-31 Remote control The remote control has a maximum range of approximately 300 m. External influences may reduce the range of the remote control. These include: 1 To switch the auxiliary heating/ ventilation on/off The indicator lamps in the switch may light up in blue, red or yellow. sources of radio interference solid objects between the transmitter and the vehicle the remote control being in an unfavourable position in relation to the vehicle or 1 Indicator lamp 2 OFF 3 ON 208 Online Version (Edition F1, 06/03) Controls in detail Auxiliary heating/ventilation Press the ON button until green indicator lamp 1 in the remote control lights up. The red or the blue indicator lamp in the switch on the centre console goes out. Activating the timer function The multi-function display can be used to set three auxiliary heating/ventilation switch-on times, only one of which can be activated at any one time. de P54.30-5354-31 en P 54.*

30-5403-31 fr P 54.30-5449-31 it P 54.30-5495-31 sp P 54.30-5541-31 Deactivating Switch on the centre console Press and hold the switch for more than two seconds. The red or the blue indicator lamp in the switch goes out.

The auxiliary heating/ventilation is deactivated. Setting the switch-on time Press the è or ÿ switch on the multi-function steering wheel repeatedly until the Settings main menu appears. de P54.30-5353-31 en P 54.30-5402-31 fr P 54.

30-5448-31 it P 54.30-5494-31 sp P 54.30-5540-31 Press the j or k button on the multi-function steering wheel repeatedly until the Settings submenu appears. Press the æ or ç button repeatedly until Heater is highlighted. Press the j or k button repeatedly until the Auxiliary heating menu is highlighted. de P54.30-5355-31 en P 54.30-5404-31 fr P 54.30-5450-31 it P 54.30-5496-31 sp P 54.

30-5542-31 Press the æ or ç button repeatedly until a switch-on time (e.g. Time 1) is highlighted. Remote control Press the OFF button until indicator lamp 1 lights up red. The red or the blue indicator lamp in the switch on the centre console goes out. The auxiliary heating/ventilation is deactivated. Online Version (Edition F1, 06/03) 209 Controls in detail Auxiliary heating/ventilation Press the j or k button repeatedly until the Switch-on time Set hours menu appears. de P54.30-5356-31 en PP 54.30-5405-31 fr P 54.*

30-5451-31 it P 54.30-5497-31 sp P 54.30-5543-31 Press the æ or ç button repeatedly until the required hours have been set. Press the j or k button repeatedly until the Switch-on time Set minutes menu appears. de P54.30-5357-31 en P 54.30-5406-31 fr P 54.30-5452-31 it P 54.



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30-5498-31 sp P 54.30-5544-31 Press the α or ζ button repeatedly until the required minutes have been set.

The auxiliary heating/ventilation switch-on time has been set and selected. The yellow indicator lamp in the switch on the centre console lights up. When the auxiliary heating/ventilation is activated, the yellow indicator lamp goes out and the red or the blue indicator lamp lights up. Select the time at which the auxiliary heating/ventilation is to switch on using the α or ζ button. If you select: a time the switch-on time is selected Timer off the automatic switch-on time is deactivated Solar module* A solar module is also available in conjunction with the panorama sliding sunroof*. The electrical energy collected by this module drives the air-conditioning ventilation blowers which, providing a constant airflow rate, ensure a pleasant temperature and fresh air in the vehicle interior after the engine has been turned off. The airflow rate depends on the strength of the sun's rays; ventilation usually starts approximately two minutes after the ignition has been switched off. Calling up the switch-on time Call up the Auxiliary heating switch-on time menu. The current setting is highlighted.

Activating the timer function Call up the Auxiliary heating menu.

210 Online Version (Edition F1, 06/03) Controls in detail Open-air Open-air Opening and closing the windows You can open and close the side windows electrically. Risk of injury Never leave children alone in the vehicle even if they are secured in a child restraint system. The children could: injure themselves on parts of the vehicle be severely or fatally harmed if they are left in the vehicle for a long period while it is hot press the central locking button and thereby deactivate the child-proof locks and open the door If the children open the door, they could: injure other people get out of the vehicle and thereby injure themselves or be injured by the traffic approaching from the rear Activate the child-proof locks in the rear doors (page 73), deactivate the rear-compartment control of the rear side windows (page 75) and remove the cigarette lighter if children are travelling in the vehicle. The children could otherwise open doors or windows while you are driving or push the cigarette lighter in and thereby injure themselves or others. G Make sure that nobody can be trapped as you close a side window. If danger threatens, release the switch or press the switch again to open the side windows again. Your vehicle can be started using a valid KEYLESS GO key. For this reason, children should never be left unsupervised in the vehicle. Always take the KEYLESS GO key with you when leaving the vehicle, even if you are only leaving it for a short time. i The side windows can also be: opened from the outside using the "summer opening" feature (page 221) closed from the outside using the "convenience closing feature" (page 221) You can disable control of the rear side windows from the driver's seat (page 75).

Online Version (Edition F1, 06/03) 211 Controls in detail Open-air The switches for all side windows are located on the driver's door. There is also a switch on each door for the corresponding side window. i You can still operate the windows if the key is in position 0 in the ignition lock or has been removed: until the driver's door or the front-passenger door is opened Opening a side window fully Push switch 1, 2, 3 or 4 beyond the pressure point and then release the switch. Stopping a side window Briefly press switch 1, 2, 3 or 4. P 54.

25-2614-31 for a maximum of 5 minutes Opening a side window Press and hold switch 1, 2, 3 or 4 until the corresponding window has reached the required position. Switches on the driver's door 1 2 3 4 Front left Front right Rear right Rear left Make sure that the ignition is switched on. Closing a side window fully Pull and hold switch 1, 2, 3 or 4 beyond the pressure point and then release the switch.



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Closing a side window Pull and hold switch 1, 2, 3 or 4 until the corresponding window has reached the required position. Stopping a side window Briefly press switch 1, 2, 3 or 4.

212 Online Version (Edition F1, 06/03) Controls in detail Open-air Resetting the side windows The side windows must be reset if the battery has been disconnected or has become discharged. Sliding/tilting sunroof Risk of injury Risk of injury G G i You must reset each side window separately. Switch on the ignition. Pull and hold switch 1, 2, 3 or 4 until the window is closed and hold down the switch for about a second. Make sure that nobody can become trapped when closing the sliding/tilting sunroof. If danger threatens, release the switch and push the opening switch. Your vehicle can be started using a valid KEYLESS GO key*. For this reason, children should never be left unsupervised in the vehicle. Always take the KEYLESS GO key* with you when leaving the vehicle, even if you are only leaving it for a short time. Risk of injury G ! Only open the sliding/tilting sunroof if it is free of snow and ice.*

Otherwise malfunctions may occur. Do not allow sharp-edged objects to protrude from the sliding/tilting sunroof as they could damage the sealing strips. The glass in the sliding/tilting sunroof could smash in an accident. If you are not wearing a seat belt, there is a danger of being thrown through the opening in the event of the vehicle overturning. Therefore, always wear a seat belt to reduce the risk of injuries. Online Version (Edition F1, 06/03) 213 Controls in detail Open-air i When the sliding sunroof is open, resonance noises may occur as well as the usual airflow noises. These are caused by small pressure fluctuations in the vehicle interior. Change the position of the sliding sunroof or open a side window slightly to reduce or eliminate these noises. Opening and closing the sliding/tilting sunroof Opening Press and hold the switch in the direction of arrow 1 until the sliding sunroof and the cover are in the required position. or Briefly press the switch in the direction of arrow 1 beyond the pressure point and release it.

The sliding sunroof opens fully. To stop: P 77.00-2147-31 i You can also open the sliding/tilting sunroof from the outside: Opening using the "summer opening feature" (page 221) Closing using the "convenience closing feature" (page 221) Operating the sliding/tilting sunroof 1 2 3 4 To open To close To raise To lower Make sure that the ignition is switched on. Press the switch in any direction. The sliding sunroof stops in its current position.

214 Online Version (Edition F1, 06/03) Controls in detail Open-air Closing Press and hold the switch in the direction of arrow 2 until the sliding sunroof is in the required position. or Briefly press the switch in the direction of arrow 2 beyond the pressure point. The sliding sunroof closes fully. To stop: Press the switch in any direction. The sliding sunroof stops in its current position.

Close the cover manually if necessary (page 216). Raising You can raise the sliding/tilting sunroof at the rear to provide ventilation. Press and hold the switch in the direction of arrow 3 until the sliding/tilting sunroof is in the required position. The sliding/tilting sunroof then raises at the rear to continue to ventilate the vehicle interior. i The sliding/tilting sunroof does not close if: it is raised at the rear it is blocked there is no rain on the windscreen (e.g. because the vehicle is under a bridge or in a carport) Lowering and closing Pull and hold the switch in the direction of arrow 4 until the sliding/tilting sunroof has lowered and is fully closed. Rain closing feature The sliding sunroof closes automatically: if it starts to rain at extreme outside temperatures after 12 hours if there are voltage supply malfunctions Risk of injury G The sliding sunroof will not open automatically if it is closed using the rain closing feature and is obstructed.



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Online Version (Edition F1, 06/03) 215 Controls in detail Open-air Opening and closing the cover The cover is used to protect you from sunlight. When you open the sliding sunroof, the cover moves back with it.

When the sliding/tilting sunroof is closed or raised at the rear, you can open or close the cover manually. Resetting the sliding/tilting sunroof The sliding/tilting sunroof must be reset if: the battery has been disconnected or has become discharged the sliding/tilting sunroof was closed manually (emergency operation) (page 405) the sliding/tilting sunroof can only be opened jerkily there has been a malfunction Remove the sliding/tilting sunroof fuse from the main fuse box (page 439). Replace the fuse. Switch on the ignition. Press and hold the switch (page 214) in the direction of arrow 3 until the sliding/tilting sunroof is fully raised at the rear. Keep the switch pressed for about a second longer. Check whether the sliding/tilting sunroof can be opened fully again (automatically) (page 214). If you cannot open the sliding/tilting sunroof fully (automatically): Reset the sliding/tilting sunroof again. 216 Online Version (Edition F1, 06/03) Controls in detail Open-air Panorama sliding sunroof with roller sunblind* The roller sunblind protects you from strong sunlight beaming through the panorama sliding sunroof. P 77.

00-2083-31 P 77.00-2077-31 Opening and closing the roller sunblind The two roller sunblinds can only be opened and closed when the panorama sliding sunroof is closed, and can only be operated simultaneously. Risk of injury Panorama sliding sunroof switch, front 1 To open 2 To close Roller sunblind switch, rear 1 To open 2 To close Make sure that the ignition is switched on. G Make sure that nobody can be trapped as you open or close the roller sunblinds. Online Version (Edition F1, 06/03) 217 Controls in detail Open-air Opening Press and hold the switch in the direction of arrow 1 until the roller sunblinds have reached the required position.

or Briefly press the switch beyond the pressure point in the direction of arrow 1. The roller sunblinds open fully. To stop: Press the switch in any direction. The roller sunblinds stop in their current positions. Risk of injury Opening and closing the panorama sliding sunroof Risk of injury Risk of injury G G The glass in the panorama sliding sunroof could smash in an accident.

If you are not wearing a seat belt, there is a danger of being thrown through the opening in the event of the vehicle overturning. Therefore, always wear a seat belt to reduce the risk of injuries. Make sure that nobody becomes trapped when closing the panorama sliding sunroof. If danger threatens, press the opening switch. G ! Only open the panorama sliding sunroof if it is free of snow and ice. Otherwise malfunctions may occur. Do not allow objects to protrude from the panorama sliding sunroof, as they could damage the sealing strips. Closing Pull the switch in the direction of arrow 2 and hold it until the roller sunblinds are in the required position. Your vehicle can be started using a valid KEYLESS GO key*. For this reason, children should never be left unsupervised in the vehicle.

Always take the KEYLESS GO key* with you when leaving the vehicle, even if you are only leaving it for a short time. 218 Online Version (Edition F1, 06/03)

Controls in detail Open-air i You can also open the panorama sliding sunroof from the outside: Opening using the "summer opening feature" (page 221) Closing using the "convenience closing feature" (page 221) or Make sure that the ignition is switched on. Closing Press the switch in the direction of arrow 2 and hold it until the panorama sliding sunroof is in the required position. Opening Press the switch in the direction of arrow 1 and hold it until the panorama sliding sunroof is in the required position. i It is not possible to have an automatic closing function on the panorama sliding sunroof.



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Briefly press the switch beyond the pressure point in the direction of arrow 1. P 77.00-2082-31 The panorama sliding sunroof opens fully. To stop: Press the switch in any direction. 1 2 3 4 To open To close To raise To lower The panorama sliding sunroof stops in its current position.

Raising at the rear Press the switch in the direction of arrow 3 and hold it until the panorama sliding sunroof is in the required position. Lowering at the rear Pull the switch in the direction of arrow 4 and hold it until the panorama sliding sunroof has lowered at the rear and is fully closed. Online Version (Edition F1, 06/03) 219 Controls in detail Open-air Resetting the panorama sliding sunroof and the roller sunblind The panorama sliding sunroof and the roller sunblinds must be reset if: the battery has been disconnected or has become discharged the panorama sliding sunroof was closed manually (emergency operation) (page 405) the panorama sliding sunroof can only be opened jerkily there has been a malfunction Remove the panorama sliding sunroof fuse from the main fuse box (page 439). Replace the fuse. Switch on the ignition.

Press the switch in the direction of arrow 2 until the roller sunblinds are fully closed. Keep the switch pressed for about a second longer. Press the switch in the direction of arrow 1 until the roller sunblinds are fully open. Keep the switch pressed for about a second longer. Press and hold the switch in the direction of arrow 3 until the panorama sliding sunroof is raised.

Keep the switch pressed for about a second longer. Press and hold the switch in the direction of arrow 2 until the panorama sliding sunroof is fully closed. Keep the switch pressed for about a second longer. Check whether the panorama sliding sunroof can be opened fully again (automatically) (page 218). If you cannot open the panorama sliding sunroof fully (automatically): Reset the panorama sliding sunroof again. 220 Online Version (Edition F1, 06/03) Controls in detail Open-air Summer opening In warm weather, you can ventilate the vehicle before a journey. To do this, the following are operated simultaneously using the remote control: the sliding/tilting sunroof*/panorama sliding sunroof* is opened the side windows are opened the seat ventilation* is switched on Point the tip of the remote control at the driver's door handle. Unlock the vehicle by pressing and holding the OE switch on the remote control until the side windows and the sliding/tilting sunroof*/panorama sliding sunroof* are in the required position. Risk of injury G Convenience closing When you lock the vehicle, you can close the side windows and the sliding/tilting sunroof*/panorama sliding sunroof* simultaneously. Make sure that nobody can be trapped as you close the side windows and the sliding/tilting sunroof*/panorama sliding sunroof*.

Proceed as follows if danger threatens: With the remote control: Release the [button. Press and hold the OE switch until the side windows and the sliding/tilting sunroof*/panorama sliding sunroof* open again. i The summer opening function can only be operated via the remote control. E2_F1 B13+16P80.00-2077-31 Online Version (Edition F1, 06/03) 221 Controls in detail Open-air With the remote control With KEYLESS GO* Risk of injury With KEYLESS GO*: G E2_F1 B13+16_P80.00-2077-31 E2_F1 P80.30-2163-31 Release the locking button on the door handle. Pull the door handle and hold it firmly. The side windows and the sliding/tilting sunroof*/panorama sliding sunroof* open. Point the tip of the remote control at the driver's door handle. Lock the vehicle by pressing and holding the [switch until the side windows and the sliding/tilting sunroof*/panorama sliding sunroof* are fully closed. Check that all the side windows and the sliding/tilting sunroof*/panorama sliding sunroof* are closed. 1 Locking button on the door handle Press and hold the locking button on the door handle until the side windows and the sliding/tilting sunroof*/panorama sliding sunroof* are closed.



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Check that all the side windows and the sliding/tilting sunroof*/ panorama sliding sunroof* are closed. 222 Online Version (Edition F1, 06/03) Controls in detail Driving systems Driving systems Your vehicle's driving systems are described on the following pages.

Cruise control, Distronic*, Speedtronic and SBC Stop*, with which you can control your vehicle's speed SBC Stop* and SBC Hold relieve the strain on the driver when pulling away, manoeuvring and driving in traffic jams Vehicle level setting and Airmatic DC*, which can be used to control your vehicle's chassis Parktronic*, which assists you with parking and manoeuvring The BAS, ABS, ESP and SBC driving safety systems are described in the "Safety" section (page 76). Cruise control Cruise control controls your vehicle's speed for you. Use cruise control if road and traffic conditions make it appropriate to maintain a steady speed for a prolonged period. You can store any road speed above 20 mph (30 km/h). Risk of accident Risk of accident Do not use cruise control: G G in road and traffic conditions which do not allow you to maintain a constant speed (e.

g. heavy traffic or winding roads). You could otherwise cause an accident on slippery roads. The drive wheels could lose traction when braking or manoeuvring and the vehicle could skid when there is poor visibility, e.g. due to fog, heavy rain or snow Cruise control cannot take account of road and traffic conditions. Always pay attention to traffic conditions even when cruise control is activated. Cruise control is only an aid designed to assist driving. You are responsible for the vehicle's distance from other vehicles, the vehicle's speed and braking in good time. i If you are driving slower than 10 mph (15 km/h) or the vehicle is stationary, switch SBC Stop* on using the cruise control lever.

Online Version (Edition F1, 06/03) 223 Controls in detail Driving systems Cruise control lever The cruise control lever is used to operate: cruise control variable Speedtronic SBC Stop* P 54.25-2578-31 Cruise control display in the instrument cluster When you activate cruise control: the stored speed is shown in the multi-function display the segments in the speedometer from the stored speed up to the maximum speed light up 1 To store the current speed or a higher speed 2 To store the current speed or a lower speed 3 To switch off cruise control 4 To resume the last speed stored 5 To switch between cruise control and Speedtronic 6 LIM indicator lamp i The last speed stored is cleared when you switch off the engine. The cruise control lever is the uppermost lever on the left of the steering wheel. The LIM indicator lamp on the cruise control lever indicates which system you have selected: Cruise control, SBC Stop* LIM indicator lamp off Variable Speedtronic LIM indicator lamp lit i If the segments in the speedometer flash, cruise control is deactivated, e.g.: during aquaplaning in vehicles with automatic transmission*: when you move the selector lever to N while driving. 224 Online Version (Edition F1, 06/03) Controls in detail Driving systems Selecting cruise control Check whether cruise control is activated. In this case, the LIM indicator lamp is off. Otherwise press the cruise control lever in the direction of arrow 5. The LIM indicator lamp in the cruise control lever is off.

Cruise control is selected. i Cruise control may be unable to maintain the stored speed on uphill or downhill gradients. The stored speed is resumed when the gradient evens out. Vehicles with manual transmission: Always drive at adequate but not excessive engine speeds Change gear in good time Do not change down several gears at a time if possible Selecting a stored speed Risk of accident G Only select a stored speed if you know what that speed is and whether it is suitable for the current situation. Otherwise sudden acceleration or braking could endanger yourself or others.

Press the cruise control lever briefly in the direction of arrow 4.



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Cruise control adjusts the vehicle's speed to the last speed stored. Release the accelerator pedal. Storing the current speed Accelerate/decelerate the vehicle to the desired speed. Move the cruise control lever briefly upwards or downwards and release the accelerator pedal completely.

The current speed is stored. Online Version (Edition F1, 06/03) 225 Controls in detail Driving systems Setting a higher speed Press and hold the cruise control lever in the direction of arrow 1 until the desired speed has been reached. Release the cruise control lever. The new speed is stored. Setting a lower speed Press and hold the cruise control lever in the direction of arrow 2 until the desired speed has been reached. Release the cruise control lever. The new speed is stored. Deactivating cruise control There are a number of ways of deactivating cruise control: Press the cruise control lever briefly in the direction of arrow 3. Cruise control is deactivated. The last speed set remains stored.

or i Cruise control is not deactivated if you depress the accelerator pedal. If you accelerate briefly to overtake, cruise control adjusts the vehicle's speed to the last speed stored after you have finished overtaking. Fine adjustment in 0.5 mph (1 km/h) increments or Apply the brakes. Faster Press the cruise control lever briefly in the direction of arrow 1. Press the cruise control lever briefly in the direction of arrow 5. Cruise control is deactivated. Variable Speedtronic is selected. The LIM indicator lamp in the cruise control lever is lit. Slower Press the cruise control lever briefly in the direction of arrow 2.

i The last speed stored is cleared when you switch off the engine. 226 Online Version (Edition F1, 06/03) Controls in detail Driving systems Distronic* Distronic assists you when driving on motorways or dual carriageways. If a slower-moving vehicle is detected in front, Distronic causes your vehicle to brake and maintain a preset distance from the vehicle in front. If there is no vehicle in front, Distronic operates in the same way as cruise control (page 223). Risk of accident Distronic is only an aid designed to assist driving.

You are responsible for the vehicle's distance from other vehicles, the vehicle's speed and braking in good time. Do not switch on Distronic: in road and traffic conditions which do not allow you to maintain a constant speed (e.g. heavy traffic or winding roads). You could otherwise cause an accident on slippery roads.

The drive wheels could lose traction when braking or manoeuvring and the vehicle could skid when there is poor visibility, e.g. due to fog, heavy rain or snow Risk of accident Deactivate Distronic: G when changing from the outside lane to the inside lane if vehicles in the outside lane are travelling more slowly when driving in a filter lane or motorway exit when driving in complex road and traffic conditions, e.g. through motorway roadworks Otherwise Distronic maintains the stored speed. Distronic does not react: to a stationary obstacle, e.g. in a traffic jam or to a vehicle which has broken down to an oncoming vehicle in the same lane G Distronic cannot take account of road and traffic conditions. Always pay attention to traffic conditions even when Distronic is activated. Online Version (Edition F1, 06/03) 227 Controls in detail Driving systems When Distronic is activated, one or two segments in the set speed range light up.

If Distronic detects a vehicle in front, the segments between the speed of the vehicle in front and the set speed light up. The l distance warning lamp in the instrument cluster lights up if the distance to the vehicle in front is too small. Risk of accident Distronic brakes your vehicle at a maximum of 2 m/s². This corresponds to approximately 20% of your vehicle's maximum brake power. You must apply the brakes yourself if this brake power is insufficient to avoid a collision. i For design reasons, the speed displayed in the speedometer may differ slightly from the speed set with Distronic.



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Distronic displays in the speedometer G If Distronic detects a risk of collision with the vehicle in front: P54.70-2223-31 the l distance warning lamp in the instrument cluster lights up an intermittent warning signal sounds Brake to avoid crashing. 1 Segments P54.70-2225-31 1 Set speed 228 Online Version (Edition F1, 06/03) Controls in detail Driving systems The intermittent warning signal stops and the l distance warning lamp goes out once you have reestablished the required distance from the vehicle in front.

Distronic deactivated When Distronic is switched off you will see the standard Distronic display in the multi-function display. Distronic activated When Distronic is activated, you will see the set speed for approximately five seconds in the multi-function display. With Distronic activated, you will see the following in the multi-function display: i Distronic brakes your vehicle at a maximum of 2 m/s². This corresponds to approximately 20% of your vehicle's maximum possible deceleration. P 54.

30-5134-31 P 54.30-5135-31 1 Vehicle in front, if detected 2 Actual distance to the vehicle in front 3 Specified minimum distance to the vehicle in front 4 Own vehicle 5 Symbol for activated audible distance warning function Distronic menu in the operating system You can read the current Distronic settings in the Distronic menu. The multifunction display shown depends on whether Distronic and the distance warning function are activated or deactivated. Press the ϵ or γ button repeatedly until you see one of the following two messages in the multi-function display. 1 Distronic is activated Online Version (Edition F1, 06/03) 229 Controls in detail Driving systems Cruise control lever The cruise control lever is used to operate: Distronic variable Speedtronic SBC Stop The cruise control lever is the uppermost lever on the left of the steering wheel.*

The LIM indicator lamp on the cruise control lever indicates which system you have selected: Distronic, SBC Stop LIM indicator lamp off Variable Speedtronic LIM indicator lamp lit 1 To store the current speed or a higher speed 2 To store the current speed or a lower speed 3 To deactivate Distronic 4 To resume the last speed stored 5 To switch between Distronic and variable Speedtronic 6 LIM indicator lamp P 54.25-2578-31 Selecting Distronic Check whether Distronic is selected. Distronic is selected if the LIM indicator lamp in the cruise control lever is not lit. Otherwise press the cruise control lever in the direction of arrow 5. The LIM indicator lamp in the cruise control lever is off. Distronic is selected. Activating Distronic You can activate Distronic if: you are driving at a speed between 20 mph (30 km/h) and 110 mph (180 km/h) ESP is activated (page 80) SBC Stop* is deactivated (page 244) 230 Online Version (Edition F1, 06/03) Controls in detail Driving systems If Distronic is not activated after the cruise control lever is pressed, you will see the message in the multi-function display. You cannot activate Distronic in the following circumstances: for up to two minutes after the engine is started when braking when applying the parking brake vehicles with automatic transmission: when the selector lever is in position P, R or N Storing the current speed Accelerate/decelerate the vehicle to the desired speed. Move the cruise control lever briefly upwards or downwards and release the accelerator pedal completely. Distronic is activated and the current speed is stored.*

P 54.25-2578-31 i If you do not fully release the accelerator pedal, the Distronic passive message appears in the multi-function display. The distance to a slower-moving vehicle in front will not then be governed. You will be driving at the speed determined by the position of the accelerator pedal. 1 To store the current speed or a higher speed 2 To store the current speed or a lower speed 3 To deactivate Distronic 4 To resume the last speed stored 5 To switch between Distronic and variable Speedtronic 6 LIM indicator lamp Online Version (Edition F1, 06/03) 231 Controls in detail Driving systems Setting a higher speed Press and hold the cruise control lever in the direction of arrow 1 until the desired speed has been reached.



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Release the cruise control lever. The new speed is stored. Adjustment in 5 mph (10 km/h) increments Faster Press the cruise control lever briefly in the direction of arrow 1. Slower Press the cruise control lever briefly in the direction of arrow 2. Resuming a stored speed Risk of accident G Setting a lower speed Press and hold the cruise control lever in the direction of arrow 2 until the desired speed has been reached.

Release the cruise control lever. The new speed is stored. or Only resume a stored speed when this is appropriate for the current road and traffic conditions. Otherwise sudden acceleration or braking could endanger yourself or others. Press the cruise control lever briefly in the direction of arrow 4 and release the accelerator pedal completely.

Distronic is activated and adjusts the vehicle's speed to the last speed stored. Fine adjustment in 0.5 mph (1 km/h) increments Faster Press the cruise control lever briefly in the direction of arrow 4. Press and hold the cruise control lever briefly in the direction of arrow 4 until the desired speed has been reached.

232 Online Version (Edition F1, 06/03) Controls in detail Driving systems Deactivating Distronic There are various ways of deactivating Distronic: Press the cruise control lever briefly in the direction of arrow 3.

Distronic is deactivated. or Apply the brakes. Distronic is deactivated. or Press the cruise control lever briefly in the direction of arrow 5. Distronic is deactivated. Variable Speedtronic is selected. The LIM indicator lamp in the cruise control lever is lit. The last speed stored remains stored until you start the engine again. Distronic is not deactivated if you depress the accelerator pedal. If you accelerate briefly to overtake, Distronic adjusts the vehicle's speed to the last speed stored after you have finished overtaking.

i The Distronic off message appears in the multi-function display for approximately five seconds. Distronic switches off automatically when: you depress the parking brake you are driving under 20 mph (30 km/h) ESP (page 78) intervenes or you deactivate ESP you move the selector lever to N while driving A signal sounds when Distronic is deactivated. The Distronic off message appears in the multi-function display for approximately five seconds. Online Version (Edition F1, 06/03) 233 Controls in detail Driving systems Setting the specified minimum distance for Distronic You can set the specified minimum distance for Distronic by varying the time span between 1.0 and 2.0 seconds. This time span determines the distance to the vehicle in front, which is governed by Distronic depending on your vehicle's speed. You can see the distance in the multi-function display. The thumbwheel for the time span is on the lower section of the centre console. Decreasing the specified minimum distance If you decrease the specified minimum distance, Distronic maintains a reduced distance from the vehicle in front.

P 54.70-2298-31 Turn thumbwheel 3 in the direction of ®. Distance warning function This function warns you when the distance to the vehicle in front is too small, even when Distronic is switched off: 1 To switch the distance warning signal on/off 2 Indicator lamp 3 To set the specified minimum distance The 1 distance warning lamp in the instrument cluster lights up. An intermittent signal will sound if necessary. You must apply the brakes yourself to maintain the correct distance to the vehicle in front in order to avoid a collision.

Increasing the specified minimum distance If you increase the specified minimum distance, Distronic maintains a greater distance from the vehicle in front. Turn thumbwheel 3 in the direction of ¯. 234 Online Version (Edition F1, 06/03) Controls in detail Driving systems Activating Press button 1. Indicator lamp 2 in the switch lights up. A loudspeaker symbol is shown in the multi-function display in the speedometer (page 229).

In such situations, brake if necessary.



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Distronic is then deactivated. Risk of accident G Pay careful attention to the traffic situation if: the 1 distance warning lamp in the instrument cluster lights up and/or the intermittent signal sounds Brake or swerve to avoid the obstacle if necessary. Cornering, going into and coming out of a bend Deactivating Press button 1. Indicator lamp 2 in the switch goes out. No loudspeaker symbol is shown in the multi-function display in the speedometer. P 54.70-2219-31 i Distronic does not always clearly recognise complex road and traffic conditions. You will then receive false distance warning signals or none at all. Tips for driving with DISTRONIC The following contains descriptions of certain road and traffic conditions in which you must pay particular attention.

When cornering, DISTRONIC may not detect vehicles travelling in front or it may detect them too soon. The vehicle may brake suddenly or brake late. Online Version (Edition F1, 06/03) 235 Controls in detail Driving systems Driving on a different line Other vehicles changing lane Narrow vehicles P 54.70-2220-31 P 54.70-2221-31 P 54.70-2222-31 DISTRONIC may not detect a vehicle travelling on a different line. The distance to the vehicle in front will be too short. DISTRONIC has still not detected the vehicle cutting in. The distance to the vehicle cutting in will be too short. DISTRONIC has still not detected the vehicle in front on the edge of the carriageway because of its relatively narrow width.

The distance to the vehicle in front will be too short. 236 Online Version (Edition F1, 06/03) Controls in detail Driving systems Speedtronic Speedtronic is used to make sure that you do not exceed a certain set speed. You can set a variable or permanent limit speed: Variable Permanent for speed limits, e.g. in built-up areas for long-term speed restrictions, e.g. for driving on winter tyres i The speed indicated in the speedometer may differ slightly from the limit speed stored. You can change the unit for the speed display using the operating system (page 144). The LIM indicator lamp on the cruise control lever indicates which system you have selected: Cruise control, DISTRONIC, SBC Stop* LIM indicator lamp off Variable Speedtronic LIM indicator lamp lit When the engine is running, you can use the cruise control lever to limit the vehicle's speed to any speed: from 20 mph (30 km/h) upwards with cruise control activated from 5 mph (10 km/h) upwards using DISTRONIC* from 4 mph (7 km/h) in vehicles with DISTRONIC* and 4MATIC* Variable Speedtronic The cruise control lever is used to operate: cruise control or DISTRONIC* SBC Stop* Risk of accident G Speedtronic is only an aid designed to assist driving. You are responsible for the vehicle's speed and for braking in good time. variable Speedtronic The cruise control lever is the uppermost lever on the left of the steering wheel. Online Version (Edition F1, 06/03) 237 Controls in detail Driving systems Selecting variable Speedtronic Check whether Speedtronic is activated. The LIM indicator lamp must be lit. Otherwise press the cruise control lever in the direction of arrow 5. The LIM indicator lamp is lit. Speedtronic is selected. 1 To store the current or a higher speed, rounded up to the next highest multiple of 5 mph (10 km/h) 2 To store the current or a lower speed, rounded to the next lowest multiple of 5 mph (10 km/h) 3 To deactivate the variable speed limiter 4 To resume the variable limit speed stored 5 To switch between cruise control, DISTRONIC*, SBC Stop* and Speedtronic 6 LIM indicator lamp Risk of accident G P54.25-2578-31 If there is a change of drivers, advise the new driver of the limit speed stored. Only use variable Speedtronic if you are sure that you will not have to accelerate suddenly to a speed above that stored as the limit speed, otherwise you could cause an accident. You can only exceed the stored limit speed if you switch off variable Speedtronic, e.*



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g. by depressing the accelerator pedal beyond the pressure point (kickdown). 238 Online Version (Edition F1, 06/03) Controls in detail Driving systems Storing the current speed Press the cruise control lever briefly in the direction of arrow 1. The speed displayed is stored. Speedtronic rounds the speed up to the next highest multiple of 5 mph (10 km/h). or Press the cruise control lever briefly in the direction of arrow 2. The speed displayed is stored. Speedtronic rounds the speed down to the next lowest multiple of 5 mph (10 km/h). The stored speed is shown in the multifunction display. The segments in the speedometer from the start of the scale up to the stored speed light up.

Calling up a stored speed Press the cruise control lever briefly in the direction of arrow 4. Vehicles with a petrol engine: If the road speed is no more than 20 mph (30 km/h) above the stored limit speed, Speedtronic will limit the vehicle's speed to the last limit speed stored. i Speedtronic may be unable to prevent the limit speed from being exceeded on downhill gradients (not the case with Distronic*). In this case: a signal sounds the LIMIT exceeded! message appears in the multi-function display the segments in the speedometer flash Apply the brakes yourself if necessary. Online Version (Edition F1, 06/03) 239 Controls in detail Driving systems Adjustment in 5 mph (10 km/h) increments Higher speed Press the cruise control lever briefly in the direction of arrow 1. or Press and hold the cruise control lever in the direction of arrow 1 until the desired speed has been reached. Lower speed Press the cruise control lever briefly in the direction of arrow 2. or Press and hold the cruise control lever in the direction of arrow 2 until the desired speed has been reached. or or Press and hold the cruise control lever in the direction of arrow 4 until the desired speed has been reached. Variable Speedtronic switches off automatically: if you depress the accelerator pedal beyond the pressure point (kickdown) and if the accelerator pedal is depressed beyond the pressure point (kickdown) and your current speed differs from the stored speed by no more than 12 mph (20 km/h) Fine adjustment in increments of 0.

5 mph (1 km/h) Higher speed Press the cruise control lever briefly in the direction of arrow 4. Press the cruise control lever briefly in the direction of arrow 5. Variable Speedtronic is deactivated. The LIM indicator lamp goes out. Cruise control or Distronic* is selected. Deactivating variable Speedtronic There are various ways of deactivating variable Speedtronic: Press the cruise control lever briefly in the direction of arrow 3. Variable Speedtronic is deactivated.

240 Online Version (Edition F1, 06/03) Controls in detail Driving systems Low speed limiter* You can use the low speed limiter in vehicles fitted with 4MATIC* and Distronic*. You can use this function to restrict the speed at any speed above 4 mph (7 km/h) using the cruise control lever. Use the low speed limiter in the same way as variable Speedtronic (page 237).

Use the low speed limiter: on poor road surfaces (e.g. offroad) on steep downhill gradients i You cannot use the low speed limiter immediately after starting the engine. You must remove your foot from the brake pedal and wait a few seconds before you can use the low speed limiter. You cannot exceed the set limit speed, even if you depress the accelerator pedal beyond the pressure point (kickdown). i The set limit speed can be stored separately for each individual key (page 155). If permanent Speedtronic is used to set the limit for winter tyres, you must: switch off the key dependence or set the same limit speed for all keys Permanent Speedtronic You can use the operating system to limit the speed permanently to a value between 100 mph (160 km/h) (e.g. for driving on winter tyres) and the maximum speed. Permanent Speedtronic remains active, even if variable Speedtronic is deactivated.

The set maximum speed is displayed in the multi-function display shortly before this speed is reached.



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Online Version (Edition F1, 06/03) 241 Controls in detail Driving systems Setting permanent Speedtronic Press the \grave{e} or \grave{y} button repeatedly until you see the Settings. menu in the multifunction display (page 140). Press the k or j button. The collection of submenus is displayed.

Move the bar to the Vehicle submenu using the \grave{a} or \grave{c} button. Press the k or j button repeatedly until the Speed limit (winter tyres) message appears in the multi-function display. The current setting is highlighted. Move the bar to the desired value using the \grave{a} and \grave{c} button. You can select the following: off Permanent Speedtronic is deactivated.

in increments of 5 mph between 100 mph (160 km/h) and 150 mph (240 km/h) Permanent Speedtronic restricts the vehicle's speed to the value which has been set. de P 54.30-6187-31 SBC Stop* SBC Stop is only available in conjunction with automatic transmission*. SBC Stop can relieve the strain on the driver when driving in traffic jams. When the accelerator pedal is released, the vehicle is continuously braked until it comes to a complete stop. Once the vehicle has come to a complete stop, it is kept stationary without the driver having to depress the brake pedal. As soon as you accelerate to pull away, the brakes are released. Risk of accident G SBC Stop does not take into account any obstacles or the distance to the vehicle in front. You must apply the brakes yourself to maintain sufficient distance and to avoid driving too close to the vehicle in front. 242 Online Version (Edition F1, 06/03) Controls in detail Driving systems Variable Speedtronic LIM indicator lamp lit Risk of accident G Selecting SBC Stop Check whether SBC Stop is selected.

SBC Stop is selected if the LIM indicator lamp in the cruise control lever is not lit. Otherwise press the cruise control lever in the direction of arrow 5. The LIM indicator lamp in the cruise control lever is off. SBC Stop is selected. SBC Stop does not take into account the road or traffic conditions. Do not use SBC Stop on slippery roads, for example. P54.25-2578-31 Cruise control lever The cruise control lever is used to operate: cruise control or Distronic* variable Speedtronic SBC Stop The cruise control lever is the uppermost lever on the left of the steering wheel. The LIM indicator lamp on the cruise control lever indicates which system you have selected: Cruise control, Distronic*, SBC Stop LIM indicator lamp off 1 2 3 4 5 To activate SBC Stop To activate SBC Stop To deactivate SBC Stop To activate SBC Stop To deactivate SBC Stop, to switch between cruise control, Distronic*, SBC Stop and the variable speed limiter 6

LIM indicator lamp Activating SBC Stop You can only activate SBC Stop if: the vehicle is stationary or moving slowly (up to 10 mph or 15 km/h) and the selector lever is at D or N SBC Stop remains activated up to a speed of 40 mph (60 km/h). Online Version (Edition F1, 06/03) 243 Controls in detail Driving systems i If you are driving faster than 20 mph (30 km/h), switch cruise control or Distronic* on using the cruise control lever.

Press the cruise control lever briefly in the direction of arrow 1, 2 or 4. SBC Stop is activated. The SBCS message is shown in the multi-function display. the driver's door or the bonnet is open the engine is not running Risk of accident The LIM indicator lamp in the cruise control lever lights up. The variable speed limiter can be selected.

G ! SBC Stop must be deactivated for it to be possible to select cruise control or Distronic*. SBC Stop is automatically deactivated if: the vehicle is accelerated to speeds above 40 mph (60 km/h) the selector lever is moved to position P reverse gear R is engaged and you then pull away the anti-lock braking system (ABS) is operating and the speed falls below approximately 3 mph (5 km/h) The vehicle is braked when SBC Stop is activated. For this reason, deactivate SBC Stop if the vehicle is to be set in motion by other means (e.



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g. in a car wash or by towing).

Deactivating SBC Stop Press the cruise control lever briefly in the direction of arrow 3. SBC Stop is deactivated. or SBC Stop is activated You cannot activate SBC Stop if: the parking brake is depressed Press the cruise control lever in the direction of arrow 5. 244 Online Version (Edition F1, 06/03) Controls in detail Driving systems Apply the brakes immediately or shift the selector lever to position P. The vehicle is secured against rolling away. SBC Stop is deactivated and the warning message in the multi-function display goes out. Risk of accident G Risk of accident G The SBC Stop braking effect is interrupted and the vehicle could roll away if: an occupant deactivates SBC Stop using the cruise control lever you or an occupant depress the accelerator pedal the system or the voltage supply has malfunctioned (battery failure) the electrical system in the engine compartment or the fuses have been tampered with the battery is disconnected If you wish to leave the vehicle or park it, deactivate SBC Stop (page 244) and secure the vehicle against rolling away (see page 47). Never get out of the vehicle when SBC Stop is activated. SBC Stop must never be operated or deactivated by a passenger or from outside the vehicle. SBC Stop does not replace the parking brake and must not be used for parking.

The Selector lever in park position warning message appears in the multi-function display if SBC Stop is activated and: the driver's door is opened the bonnet is opened the ignition is switched off the system or the voltage supply has malfunctioned Online Version (Edition F1, 06/03) 245 Controls in detail Driving systems A regular warning will also sound at regular intervals if SBC Stop is activated and you: open the bonnet stop the engine and open the driver's door The warning draws your attention to the fact that the vehicle has been parked while SBC Stop is still activated. It becomes louder if you attempt to lock the vehicle. Apply the brakes immediately or shift the selector lever to position P. The vehicle is secured against rolling away. SBC Stop is deactivated and the warning is switched off. The warning message in the multi-function display goes out. Quickly depress the brake pedal to the stop until the SBCH message appears in the multi-function display. Release the brake pedal. SBC Hold is activated. SBC Hold SBC Hold relieves the strain on the driver: when pulling away, especially on steep slopes when manoeuvring on steep slopes when waiting in traffic The vehicle is kept stationary without the driver having to depress the brake pedal.

The braking effect is cancelled when the accelerator pedal is depressed and SBC Hold is deactivated as the vehicle pulls away. SBC Hold is activated You cannot activate SBC Hold if: the parking brake is depressed the driver's door or the bonnet is open the engine is not running Activating SBC Hold You can activate SBC Hold if: the vehicle is stationary, and the selector lever is at D, R or N Stop the vehicle. Apply the brake. i If the ignition has been switched off, the engine cannot be started again until SBC Stop has been deactivated. 246 Online Version (Edition F1, 06/03) Controls in detail Driving systems Risk of accident G Risk of accident G Risk of accident G The vehicle is braked when SBC Hold is activated.*

For this reason, deactivate SBC Hold if the vehicle is to be set in motion by other means (e.g. in a car wash or by towing). The SBC Hold braking effect is cancelled and the vehicle could roll away if: an occupant deactivates SBC Hold by depressing the accelerator pedal or the brake pedal the system or the voltage supply (e.g.

battery failure) has malfunctioned the electrical system in the engine compartment or the fuses have been tampered with the battery is disconnected If you wish to leave the vehicle or park it, deactivate SBC Hold and secure the vehicle against rolling away (see page 47).



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Never get out of the vehicle while SBC Hold is activated. SBC Hold must never be operated or deactivated by a passenger or from outside the vehicle. SBC Hold does not replace the parking brake and must not be used for parking. Deactivating SBC Hold SBC Hold is automatically deactivated if: you accelerate you move the selector lever* to position P you apply the brakes again with a certain amount of pressure until the SBCH message in the multi-function display goes out SBC Stop is activated (page 243) Online Version (Edition F1, 06/03) 247 Controls in detail Driving systems The following warning appears in the multi-function display if SBC Hold is activated and the driver's door is opened, the ignition is switched off or there is a malfunction either in the system or the voltage supply: Brake immediately! (vehicles with manual transmission) Selector lever in park position (vehicles with automatic transmission) Apply the brakes immediately or shift the selector lever* to position P. The vehicle is secured against rolling away. SBC Hold is deactivated and the warning message in the multi-function display goes out. If the vehicle is not secured against rolling away within a certain time or the bonnet is opened when SBC Hold is active, a warning will sound at regular intervals in addition to the warning in the multi-function display. This draws your attention to the fact that the vehicle has been parked while SBC Hold is still active. The warning becomes louder if you attempt to lock the vehicle.

Apply the brakes immediately or shift the selector lever* to position P. The vehicle is secured against rolling away. SBC Hold and the warning are deactivated. The warning message in the multi-function display goes out. Airmatic DC* Vehicle level Your vehicle automatically adjusts its height: to reduce petrol consumption to improve operating safety The following vehicle levels are possible: Normal Raised Lowered The "Normal" and "Raised" vehicle levels can be set manually. The "Lowered" vehicle level is set automatically: at speeds above 85 mph (140 km/h) when "Sports tuning" is selected (page 250) i If the ignition has been switched off, the engine cannot be started again until SBC Hold has been deactivated. 248 Online Version (Edition F1, 06/03) Controls in detail Driving systems Setting the vehicle level manually Select the setting: Normal Raised for normal driving for driving with snow chains fitted or on poor road surfaces P 32.30-2053-31 The switch is located on the lower section of the centre console. You will see the following message in the multi-function display: Vehicle rising! If indicator lamp 2 is lit: The "Raised" vehicle level was selected. Setting the normal level Start the engine.

If the indicator lamp is lit: Press switch 1 again. 1 To set the vehicle level 2 Indicator lamp Indicator lamp 2 goes out. The vehicle is adjusted to the normal level. If indicator lamp 2 is not lit: Risk of injury G Make sure that nobody is in the vicinity of the wheel housing or under the vehicle while lowering the vehicle when it is stationary. Otherwise limbs could become trapped.

Setting the raised level Start the engine. If the indicator lamp is not lit: Press switch 1. Indicator lamp 2 lights up. The vehicle is adjusted to the raised level.

The vehicle is set to the normal height.

Online Version (Edition F1, 06/03) 249 Controls in detail Driving systems ! The "Raised level" setting is cancelled at vehicle speeds above 75 mph (120 km/h) or if the speed has been between 50 mph and 70 mph (80 km/h and 120 km/h) for more than about 5 minutes. The Level selec. cancelled message appears in the multi-function display. If you do not drive within this speed range, the raised level remains stored, even when the key is removed from the ignition lock. ADS automatically regulates the suspension as appropriate to particular driving conditions. Parallel to this, the spring stiffness switches between comfort and sports levels.



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The damping/spring settings are dependent on: your driving style the road-surface conditions your individual selection Your selection remains stored even if you remove the key from the ignition lock. The switch is located on the lower section of the centre console. P 32.32-2034-31 1 To select the damping program 2 Indicator lamps Start the engine.

Comfort/sports tuning Airmatic DC (dual control) consists of two components: Adaptive damping system (ADS) Spring stiffness adjustment i The vehicle level is lowered by 15 mm in the sports damping program. Sports tuning I Press button 1 once. One indicator lamp lights up. 250 Online Version (Edition F1, 06/03) Controls in detail Driving systems Sports tuning II Press button 1 twice. Two indicator lamps light up. Permanent four-wheel drive (4MATIC)* 4MATIC ensures that all four wheels are permanently driven. Together with ESP (page 78) it improves your vehicle's traction if a drive wheel starts spinning due to poor roadholding. Risk of accident i In winter conditions, the maximum effect of 4MATIC can only be achieved if you use winter tyres (M+S tyres), with snow chains if necessary. Comfort tuning Press button 1 repeatedly until indicator lamps 2 go out. i A message appears in the multifunction display for five seconds once you have activated the damping program.

G Parktronic system* (PTS) Risk of accident Only depress the accelerator pedal as far as necessary when pulling away. Accelerate less when driving. G P54.30-6810-31 Adapt your driving style to suit road and traffic conditions. 4MATIC cannot reduce the risk of an accident if you drive too fast. PTS is only an aid and may not detect all obstacles. It does not relieve you of the responsibility to pay attention. You are always responsible for safety and must continue to pay attention to your immediate surroundings when parking and manoeuvring. Otherwise you could endanger yourself and others. Online Version (Edition F1, 06/03) 251 Controls in detail Driving systems PTS monitors the area around your vehicle using six sensors in the front bumper and four sensors in the rear bumper.

Risk of injury G Make sure that no persons or animals are in the manoeuvring range. Otherwise they could be injured. PTS is an electronic parking assistance system and informs you visually and audibly of the distance between your vehicle and an obstacle. PTS is automatically activated when you switch on the ignition and release the parking brake. PTS switches off at speeds exceeding 10 mph (18 km/h). PTS switches back on at lower speeds. P54.65-2446-31 P 54.65-2444-31 Saloon (side view) 1 Sensors in the front bumper P54.65-2674-31 Range of the sensors The sensors must be free from dirt, ice and slush otherwise they may not function correctly.

Clean the sensors regularly, taking care not to scratch or damage them. Saloon (top view) 252 Online Version (Edition F1, 06/03) Controls in detail Driving systems Front sensors P54.65-2559-31 Centre Corners approximately 100 cm approximately 120 cm Minimum distance Centre Corners approximately 20 cm approximately 15 cm Rear sensors Centre Corners Estate (side view) approximately 120 cm approximately 80 cm If there is an obstacle within this range, all the warning lamps light up and a signal sounds. If your vehicle's distance falls below the minimum distance, the distance may no longer be shown. ! Pay particular attention to objects above or below sensors when parking, such as flower pots or trailer towbars. PTS does not detect such objects when they are in the immediate vicinity of the vehicle. You could damage your vehicle or the objects. Ultrasonic sources such as a lorry's compressed-air brakes or a pneumatic drill could cause PTS to malfunction. Warning displays The warning displays show the distance between the sensor and the obstacle. The warning display for the front area is located on the instrument panel above the centre air vents.



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The warning display for the rear area is at the rear in the roof lining. P54.65-2675-31 Estate (top view) Online Version (Edition F1, 06/03) 253 Controls in detail Driving systems ! If only the red segments are lit in all the warning displays, there is a malfunction. Your direction of travel determines which warning display is activated: Manual transmission Gear lever in Front area warning display 1 Left side of the vehicle 2 Right side of the vehicle The warning display for each side of the vehicle is divided into six yellow and two red segments. If the first yellow segment lights up dimly, PTS is ready.

Forward gear, neutral Reverse gear Warning display Front area activated Front and rear areas activated One or more segments light up as the vehicle approaches an obstacle, depending on the vehicle's distance from the obstacle. A warning signal also sounds for approximately 3 seconds once the first red segment has lit up. This means that the vehicle's distance to the obstacle is about to fall below the minimum distance. Automatic transmission* Selector lever in Warning display D R or N P Front area activated Front and rear areas activated No areas activated P 54.65-2445-31 254 Online Version (Edition F1, 06/03) Controls in detail Driving systems Activating/deactivating Parktronic You can deactivate Parktronic manually.

The switch is located on the lower section of the centre console. Deactivating Parktronic Press button 1. Indicator lamp 2 lights up. Trailer towing When you attach a trailer, Parktronic is deactivated for the rear area as soon as you have established an electrical connection between your vehicle and the trailer. Activating Parktronic Press button 1. Indicator lamp 2 goes out. ! Remove the ball coupling if the trailer tow hitch is not required. The minimum detection range of PTS to an obstacle refers to the bumper, not the ball coupling. P 54.65-2583-31 1 To activate/deactivate Parktronic 2 Indicator lamp Online Version (Edition F1, 06/03) 255 Controls in detail Loading ! Saloon Roof rack* Risk of accident Observe the: maximum roof load of 100 kg the manufacturer's installation instructions An incorrectly secured roof rack or load could work loose.

G Mercedes-Benz recommends that you only use roof rack systems which have been tested and approved for Mercedes-Benz. This helps to prevent damage to the vehicle. Position the load on the roof rack in such a way that the vehicle is not damaged during the journey. Make sure that: you can raise the sliding/tilting* sunroof fully you can open the boot lid/ tailgate and the panorama sliding sunroof* fully P 77.40-2041-31 1 Cover (Saloon) Fold covers 1 upwards. Only secure the roof rack to the anchorage points under covers 1. Comply with the manufacturer's installation instructions. i Mercedes-Benz recommends roof racks which have been specially developed and tested. These roof racks comply with DIN standard 75302 and are additionally subjected to crash and durability tests. Estate Only secure the roof rack to the roof rails.

Comply with the manufacturer's installation instructions. 256 Online Version (Edition F1, 06/03) Controls in detail Loading Unfolding the skibag Skibag* Risk of injury G E2_F1 B13+5_P91.12-2605-31 P 91.12-2320-31 The skibag is designed to carry up to four pairs of skis. Do not use the skibag to carry any other type of load.

The skibag must always be secured when laden. Otherwise injuries could be caused by it in the event of an accident. 1 Skibag 1 Cover Fold the rear seat armrest down. Push release catches 2 together and fold cover 1 downwards. Unfold skibag 1 by pulling it into the vehicle interior.

Online Version (Edition F1, 06/03) 257 Controls in detail Loading E2_F1 B13+6_P91.12-2606-31 E2_F1 B13+8_P91.12-2608-31 E2_F1 B13+7_P91.12-2607-31 Illustration shows Saloon 1 Button Open the boot lid/tailgate. Press button 1. The flap opens downwards. Skibag Push the skis into the skibag from the boot/luggage compartment.



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1 Strap Pull strap 1 tight by the loose end until the skis are fixed in the skibag. 258 Online Version (Edition F1, 06/03) Controls in detail Loading Removing the skis and folding up the skibag E2_F1 B13+9_P91.12-2609-31 Loosen the two straps.

Unhook the hooks on the strap. Take the skis out of the skibag. Close the flap in the boot/luggage compartment. Pull the skibag so that it is smooth and fold it together. 1 Hook 2 Bar Engage hook 1 onto bar 2. Pull the strap tight by the loose end. Stow the skibag in the rear seat backrest. Fold the cover upwards. i Saloon: You should always close the flap in the boot if you do not require the skibag. This prevents unauthorised access from the vehicle interior to the boot. Online Version (Edition F1, 06/03) 259 Controls in detail Loading Removing the skibag The skibag can be removed for cleaning or drying. Open the boot lid/tailgate. Press button 1. Flap 2 opens downwards. Press catch 3 in and pull out frame 4 with the skibag.

E2_F1 B13+10_P91.12-2610-31 Luggage net in the front-passenger footwell P 68.00-2807-31 i You can also remove the skibag if you have folded the rear seat backrest forwards. Risk of poisoning 1 2 3 4 Button Flap Catch Skibag frame Saloon: G Risk of injury G When the skibag has been removed, always drive with the boot lid closed. Exhaust fumes could otherwise get into the vehicle interior.

Only place light loads in the luggage net. Do not transport heavy, sharp-edged or fragile objects in the luggage net. The luggage net cannot secure loads sufficiently in an accident. 260 Online Version (Edition F1, 06/03) Controls in detail Loading Loading guidelines Risk of poisoning Risk of injury G P 00.01-2382-31 G Secure and position the load as described in the loading guidelines. Otherwise vehicle occupants could be injured by the load being thrown around in the event of sharp braking, a sudden change in direction or an accident. This also applies to seats which have been removed. You will find further information in the "Securing a load" section (page 262). Even if you follow all the loading guidelines, the load will increase the risk of injury in the event of an accident. Keep the tailgate closed while the vehicle is in motion.

Otherwise exhaust fumes could get into the vehicle interior and poison you. The handling characteristics of a laden vehicle are dependent on the distribution of the load within the vehicle. You should therefore load your vehicle as shown in the illustrations. Distribution of the load within the vehicle, Estate P 00.01-2131-31 Distribution of the load within the vehicle, Saloon Online Version (Edition F1, 06/03) 261 Controls in detail Loading i Observe the following notes when transporting a load: On no account should the maximum permissible gross vehicle weight or the permissible axle loads for the vehicle be exceeded due to the payload, including occupants. Position heavy loads as far forwards in the luggage compartment as possible, and as low as possible. The load must not protrude beyond the upper edge of the backrests. Always place the load against the front or rear seat backrests. Only load the additional loading floor in the boot to a maximum of 20 kg. Secure the load with sufficiently strong and wear-resistant load restraints.

Pad sharp edges for protection. Load restraints are available at any qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. Securing a load Lashing eyelets Risk of injury G Spread the load evenly between the lashing eyelets.

Observe the loading guidelines (page 261). Observe the following notes on securing loads: Secure the load using the securing eyelets. Do not use elastic straps or nets to secure a load as these are only intended as an anti-slip protection for light loads. Do not route lashing materials over sharp edges or corners. Pad sharp edges for protection.

262 Online Version (Edition F1, 06/03) Controls in detail Loading Boot/luggage compartment There are four lashing eyelets in the boot/luggage compartment.



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P 68.00-3237-31 Rear bench seat There is a lashing eyelet on each side in the footwell underneath the rear bench seat. P 68.00-2810-31 P 68.00-2809-31 Estate 1 Lashing eyelets Saloon 1 Lashing eyelets 1 Lashing eyelet in the rear footwell Online Version (Edition F1, 06/03) 263 Controls in detail Loading Through-loading feature in the rear bench seat* (Saloon) The left and right rear seats can be folded down to increase the boot capacity. The folding front-passenger seat* can also be folded down (page 272) and the rear bench seat cushions can be removed (page 267) if you are carrying a long load. Risk of poisoning G P 91.12-2385-31 Always drive with the boot lid closed. Exhaust fumes could otherwise get into the vehicle interior.

Folding the rear bench seat forward Risk of injury G ! The seat cushion must always be released and folded up before the backrest is folded forward. Otherwise the backrest upholstery could be damaged. 1 Release i If tall persons have occupied the driver's or front-passenger seat, it may be necessary to move the seats forwards slightly to fold the backrests forward. Pull release 1. The seat cushion springs upwards a little. Do not carry heavy or hard objects inside the vehicle or in the boot unless they are secured. Vehicle occupants could be injured by objects being thrown around in the vehicle in the event of: sharp braking a change of direction or an accident 264 Online Version (Edition F1, 06/03) Controls in detail Loading i P 91.12-2333-31 If persons are to travel on the centre rear seat, it may be necessary to: push the centre seat belt buckle inwards while tilting the right backrest forwards or 1 Seat cushion 2 Backrest Grasp seat cushion 1 from behind and fold it forward. if the right backrest has already been tilted forwards, fold the centre seat belt buckle back up ! Before folding the left backrest forwards, make sure that the centre seat belt buckle is located under the right backrest. Otherwise the seat belt buckle or the backrest could be damaged.

i You can also remove the seat cushion (page 267). Online Version (Edition F1, 06/03) 265 Controls in detail Loading ! P 91.12-2334-31 Make sure that the head restraints fit fully in the seat cushion pockets. This prevents damage to the backrests while loading. Swing seat cushion 1 to the rear and press the front edge down from the centre until you hear it engage.

Fold up the head restraints if necessary and adjust them (page 110). Folding the rear bench seat back Risk of injury G Open the boot. Pull the left or right release handle on the backrest. The backrest is released and the head restraints fold back. Fold backrest 2 forward.

P 91.12-2335-31 Make sure that the rear seat backrest and the seat cushions are fully locked in place. 1 Seat cushion 2 Backrest Swing backrest 2 to the rear until it engages. 266 Online Version (Edition F1, 06/03) Controls in detail Loading Removing the seat cushion You can achieve a larger, flat loading area by removing the rear bench seat cushions. Fold down the seat cushions (page 264). Remove the head restraints (page 110). ! On vehicles with seat heating in the rear*, the electrical contact on the underside of the cushion must be disconnected before removing the seat cushion. Press the connection* together on the upper part of the lengthwise side and pull out seat heating connector 2 from the seat cushion. ! Leave the seat cushion hinge in this position. If you fold it back, you could damage the upholstery.

P 91.12-2336-31 i P 91.12-2388-31 Join the connections for the seat heating, making sure the connector clicks into place, when replacing the cushion. Pull seat cushion release lever 1 and remove the seat cushion upwards. Fold the backrest forwards (page 264). 1 Release bar 2 Connector for seat heating* Online Version (Edition F1, 06/03) 267 Controls in detail Loading Folding the rear bench seat forward Enlarging the luggage compartment (Estate) The left and right rear seats can be folded down to increase the luggage compartment capacity.



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If the combined luggage cover and net with the luggage compartment cover and the safety net is fitted, you can: only fold the right backrest forward individually fold both backrests forward if you fold the right backrest forward first Risk of injury G Do not carry heavy or hard objects inside the vehicle or in the luggage compartment unless they are secured. Vehicle occupants could be injured by objects being thrown around in the vehicle in the event of: sharp braking a change of direction or an accident If you enlarge the luggage compartment, you must always fold the seat cushions forward and attach the safety net (page 274). P 91.12-2490-31 1 Seat cushion release handle 2 Seat cushion i If tall persons have occupied the driver's or front-passenger seat, it may be necessary to move the seats forwards slightly to fold the backrests forward.

Risk of poisoning G Always drive with the tailgate closed. Exhaust fumes could otherwise get into the vehicle interior. 268 Online Version (Edition F1, 06/03) Controls in detail Loading Pull seat cushion release handle 1. The seat cushion is unlocked. Fold seat cushion 2 up.

i If persons are to travel on the centre rear seat, it may be necessary to: push the centre seat belt buckle inwards while tilting the right backrest forwards or if the right backrest has already been tilted forwards, fold the centre seat belt buckle back up 1 Backrest release lever 2 Backrest Pull left or right release lever 1 up. The appropriate backrest is unlocked. Fold the backrest forward. P91.12-2492-31 i You can also remove the seat cushion (page 270).

F2_F1 B13+12_P91.12-2611-31 ! Before folding the left backrest forwards, make sure that the centre seat belt buckle is located under the right backrest. 1 Retainer for the seat belt Guide the seat belt into retainer 1. Otherwise the seat belt buckle or the backrest could be damaged. Online Version (Edition F1, 06/03) 269 Controls in detail Loading Folding the rear bench seat back Risk of injury G ! On vehicles with seat heating in the rear, the electrical contact on the underside of the cushion must be disconnected before removing the seat cushion. Press the connection* together on the upper part of the lengthwise side and pull out seat heating connector 2 from the seat cushion. Make sure that the rear seat backrest and the seat cushions are fully locked in place.*

P91.12-2489-31 Removing the seat cushion You can achieve a larger, flat loading area by removing the rear bench seat cushions. 1 Seat cushion 2 Backrest Swing backrest 2 to the rear until it engages.

Swing seat cushion 1 to the rear and press down from the rear until it engages. Fold up the head restraints if necessary and adjust them (page 110). Fold down the seat cushions (page 270). i Join the connections for the seat heating, making sure the connector clicks into place, when replacing the cushion.

P91.12-2488-31 1 Release handle 2 Connector for seat heating 270 Online Version (Edition F1, 06/03) Controls in detail Loading Pull seat cushion release lever 1 and remove the seat cushion upwards. Adjusting the backrest position Pull release lever 1 on the righthand seat upwards and fold the backrest forwards. Once the backrest is disengaged, pull release lever 1 upwards again. Pull release lever 1 on the lefthand seat upwards and fold the backrest forwards. Once the backrest is disengaged, pull release lever 1 upwards again.*

! Leave the seat cushion hinge in this position. If you fold it back, you could damage the upholstery. P91.12-2492-31 P91.12-2494-31 1 Backrest release lever 2 Backrest Fold back the backrest for the lefthand seat until it engages.

Fold back the backrest for the righthand seat until it engages. The backrests are now in the second position. i You can adjust the backrests to a second, upright position. This creates a larger load capacity where necessary or greater seating comfort on the folding bench seat.



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Fold the backrest forwards (page 268).

Online Version (Edition F1, 06/03) 271 Controls in detail Loading Folding front-passenger seat backrest (Saloon) Folding down the front-passenger seat backrest When folding down the front-passenger seat backrest you must: insert the head restraint fully position the backrest upright tilt the seat cushion downwards (page 34) use fore-and-aft adjustment to push the seat into a central position remove objects from the seat surface 1 Release Press the right-hand side of release 1. The handle folds out. 2 Handle Grasp handle 2 and pull the release to the stop. The front-passenger seat backrest is released and can be folded forward. P 91.10-2369-31 P91.10-2488-31 ! Do not place heavy objects on the front-passenger seat. These could cause the front-passenger airbag and the front-passenger sidebag to be triggered in an accident. 272 Online Version (Edition F1, 06/03) Controls in detail Loading Push the backrest down. Press the right-hand side of release 1.*

Grasp the handle and pull the release to the stop. Pull the backrest back to its original position using release handle 1. Keep pulling the handle until the seat backrest is positioned almost to the vertical. Push the backrest into its initial position. Risk of injury P 91.10-2371-31 When folding the front-passenger seat backrest back up, make sure that it has engaged and is properly locked in place. Risk of injury P 91.10-2370-31 G Make sure that nobody is sitting on the right-hand or middle seat of the rear bench seat when folding down the front-passenger seat. Occupants on these seats could otherwise be injured. Fold the backrest fully forward.

Press the backrest lightly downwards until it is resting on the seat cushion. Folding the front-passenger seat back G 1 Release Online Version (Edition F1, 06/03) 273 Controls in detail Loading Safety net Risk of injury Luggage cover and safety net (Estate) The luggage cover and the safety net are attached to the rear bench seat backrest as a combined luggage cover and net. G P68.50-3252-31 The safety net cannot secure heavy loads. You should therefore always lash down the load.

You could otherwise be injured by objects which have not been sufficiently secured being thrown around in the event of sharp braking, a sudden change of direction or an accident. 1 Safety net 2 Safety net retainers Pull safety net 1 upwards and hook it into retainers 2. i You can also use the safety net when the rear seat backrest is folded down. In this case, you should hook the safety net into the front retainers. 274 Online Version (Edition F1, 06/03) Controls in detail Loading Luggage cover The luggage cover is released automatically when the tailgate is opened/ closed, and is automatically raised/ lowered. Removing the combined luggage cover and net Roll up the safety net and luggage cover 1. P68.00-3253-31 Fold the rear seat cushion forward (page 270). Fold the rear seat backrest forward (page 268). 1 Luggage cover Push the combined luggage cover and net to the left and out of the retainers on the rear seat backrest and remove it. ! While loading the vehicle, make sure that the boot is not loaded above the lower edge of the side windows. Otherwise the combined luggage cover and net could be damaged when the tailgate is closed. It is therefore not necessary to roll up the luggage cover before loading and unloading the vehicle. Rolling up the luggage cover Unhook luggage cover 1 from the retainers on the left and right. Slowly guide luggage cover 1 back to the stop.

Online Version (Edition F1, 06/03) 275 Controls in detail Loading Inserting the mountings in the load rail Easy-Pack system (Estate) Easy-Pack fix kit* The Easy-Pack fix kit is supplied with the accessories enabling the luggage compartment to be used in various ways. You can store the fix kit in the wallet provided. i You can turn the mounting in the load rail to four different positions: To lock the mounting.*



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To release the lashing eyelet, the belt reel or the telescopic rod. To remove the mounting. To push the mounting to the next detent. P68.00-3197-31 i In vehicles with a stowage box* in the luggage compartment, you can keep the wallet and the telescopic rod in the stowage box. 1 Load rail 2 Mounting You can slide the mounting element in the load rail to various detents and secure it. These detents are marked and positioned along the load rail at 5-cm intervals. Turn mounting 2 to . Insert mounting 2 in load rail 1. P68.00-3196-31 1 Load rails 276 Online Version (Edition F1, 06/03) Controls in detail Loading Turn the mounting until it engages . You must feel the mounting clearly engage in the load rail.

Risk of injury G Belt reel Inserting the lashing eyelet in the mounting Spread the load evenly between the lashing eyelets. Observe the loading guidelines (page 261). P68.00-3251-31 Turn mounting 2 in the load rail to . Insert lashing eyelet 1 in mounting 2.

P68.00-3250-31 Turn mounting 2 in the load rail until it engages . You must feel the mounting clearly engage in the load rail. 1 Belt reel 2 Mounting 3 Locking button i The belt reel can be used to secure light loads against the side wall of the luggage compartment to prevent them from moving around. 1 Lashing eyelet 2 Mounting Online Version (Edition F1, 06/03) 277 Controls in detail Loading Insert two mountings 2 in a load rail. Turn mountings 2 in the load rail to . Insert belt reel 1 in mountings 2. Turn mountings 2 in the load rail until they engage . You must feel the mounting clearly engage in the load rail. Press belt reel locking button 3 and pull the safety net in the direction of the arrow.

Place the load between the securing net and the luggage compartment side wall. 1 Telescopic rod 2 Mounting P68.00-3198-31 Press belt reel locking button 3 and with the other hand extend the net slowly around the load until it is secure. ! On vehicles with an Easy-Pack luggage compartment floor*, the telescopic rod must be removed before the luggage compartment floor is extended. You could otherwise damage the telescopic rod. Insert a mounting 2 in each load rail. Turn mountings 2 in the load rail to . Insert telescopic rod 1 in the mountings. Turn mounting 2 in the load rail until it engages . You must feel the mounting clearly engage in the load rail.

Telescopic rod i The telescopic rod can be used to secure the load against the rear seats to prevent it from moving around. 278 Online Version (Edition F1, 06/03) Controls in detail Loading Easy-Pack stowage box* Risk of injury Fold back backrests 3 (page 268). G E2_F1 B13+13_P68.00-3457-31 i Stowage box 1 is also restricted from above by the combined luggage cover and net. When you are using the stowage box in the luggage compartment, the backrests of the seats directly in front of it must be fully engaged to the rear and the combined luggage cover and net must be fitted.

The maximum stowage box load is 20 kg. A greater load could otherwise come loose in the event of an accident or sudden or sharp braking, and could injure you or other occupants. Loading the stowage box 1 2 3 4 Stowage box Luggage compartment floor Rear seat backrests Catches Fold backrest 3 forwards (page 268). Load stowage box 1 through the opening on the front. i Stowage box 1 in the luggage compartment is locked by the rear bench seat and can carry a maximum load of 20 kg.

Fold back backrests 3 (page 268). Installing the stowage box Fold both backrests 3 forwards (page 268). Guide stowage box 1 into the luggage compartment through a rear door with the opening facing the direction of travel. Press stowage box 1 catches 4 into the gap between backrest 3 and luggage compartment floor 2. Online Version (Edition F1, 06/03) 279 Controls in detail Loading Removing the stowage box Fold both backrests 3 forwards (page 268). Push stowage box 1 forwards and out of the mountings using catches 4.



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Remove stowage box 1 sideways through a rear door. Fold back backrests 3 (page 268). P68.00-3255-31 Extending the luggage compartment floor Press luggage compartment floor switch 1 beyond the pressure point and release it.

The luggage compartment floor extends continuously until it reaches its end position. i The luggage compartment floor can bear a maximum load of 200 kg. On gradients of 15% or more, the maximum load is 150 kg. Extending/retracting the EasyPack luggage compartment floor automatically* The automatically extending luggage compartment floor makes it easier for you to load and unload the vehicle. Luggage compartment floor switch 1 To extend the luggage compartment floor Press luggage compartment floor switch 1. The luggage compartment floor extends until you release the switch or until it reaches its end position. or 1 Luggage compartment floor E2_F1 P68.00-3448-31 ! On vehicles with an Easy-Pack luggage compartment floor*, the telescopic rod must be removed from the loading package before the luggage compartment floor is extended. You could otherwise damage the telescopic rod. 280 Online Version (Edition F1, 06/03) Controls in detail Loading i In its extended position, the luggage compartment floor completely covers the bumper. This enables you to avoid damaging the paintwork when loading the vehicle. ! When retracting the luggage compartment floor, make sure that there are no objects in the luggage compartment floor guides or between the luggage compartment floor and the rear seat. Do not place anything in the luggage compartment floor retraction/extension area. The luggage compartment floor could otherwise be damaged. Press luggage compartment floor switch 1. The luggage compartment floor retracts until you release the switch or until it reaches its end position. i Observe the notes in the "Securing a load" section when transporting a load (page 262). Retracting the luggage compartment floor Risk of injury G ! Make sure that the combined luggage cover and net is rolled up when the luggage compartment floor is retracted. Make sure that nobody can be trapped as you retract the luggage compartment floor. If danger threatens, release the switch or press it again.

Under no circumstances may children or other people be sitting on the luggage compartment floor or in the area of movement of the luggage compartment floor as it is retracted and extended. They could be trapped during the closing procedure. Online Version (Edition F1, 06/03) E2_F1 B13+15_P68.00-3447-31 Otherwise the combined luggage cover and net could be damaged when the tailgate is closed. Luggage compartment floor switch 1 To retract the luggage compartment floor 281 Controls in detail Features The glove compartment can be locked and unlocked with the emergency key. Stowage compartments Risk of injury Stowage compartment in the centre console G Opening the glove compartment Press button 1. The glove compartment folds down. P 54.25-3162-31 The stowage compartments must be closed when items are stored in them. Otherwise the items could fall out and injure the vehicle occupants in the event of sharp braking.

Closing the glove compartment Fold the cover upwards. Glove compartment Opening the spectacles/mobile phone compartment Briefly press compartment 2. The spectacles/mobile phone compartment opens. 1 Opening button i If the cassette compartment is open, the stowage compartment in the centre console cannot be opened. Press opening button 1. The touch panel swings upwards and the stowage compartment is extended. P 68.00-2822-31 Closing the spectacles/mobile phone compartment Push spectacles/mobile phone compartment 2 in until it engages. 1 To open 2 Spectacles/mobile phone compartment 282 Online Version (Edition F1, 06/03) Controls in detail Features i Do not place any essential medication in the stowage compartment, since it will not open if there is a power failure.



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Cup holder in the centre console P 68.*

00-2824-31 P 68.20-2746-31 Stowage compartment in front of the armrest 1 Handle P 68.00-2823-31 Removing the insert Pull out the insert by handle 1. Briefly press the marking on the cup holder. The cup holder slides out automatically.

i Opening Briefly press the marking at the rear of the cover. The cover opens. You can remove the cup holder to clean it. You should clean the cup holder with clean, lukewarm water only. When reinserting the cup holder, make sure that you insert it into the guides.

Online Version (Edition F1, 06/03) 283 Controls in detail Features Stowage compartment under the armrest Risk of injury P 68.20-2747-31 G Keep the cup holder closed while the vehicle is in motion. Do not place anything in the cup holder while the vehicle is in motion. Otherwise vehicle occupants could be injured by objects being thrown around if you: brake sharply change direction suddenly have an accident Only use the cup holders for containers of the right size and which have lids. Otherwise the drinks could spill. Cup holders should not be used for hot drinks. Otherwise you may scald yourself. P 68.00-2825-31

1 Left-hand cup holder 2 Right-hand cup holder 1 Stowage compartment 2 Stowage tray Opening the stowage tray Pull handle 2. Opening the stowage compartment Pull handle 1.

284 Online Version (Edition F1, 06/03) Controls in detail Features Ventilating the stowage compartment The stowage compartment under the armrest can be ventilated. The air temperature corresponds roughly to that around the centre air vents. The slide is located in the stowage compartment. i Close the air vent during heating mode if you are transporting heatsensitive goods (e.g. food) in the stowage compartment. Ruffled pockets P 68.00-2827-31 Stowage compartment in the centre console at the rear P 68.00-2978-31 P 68.00-2826-31 There are ruffled pockets on the back of the front seats.

Risk of injury G 1 Slide Pull the slide upwards. The stowage space is ventilated. Push the slide downwards. Ventilation of the stowage compartment is switched off. Online Version (Edition F1, 06/03) Briefly press the top of the compartment.

The compartment opens automatically. Do not carry hard objects in the ruffled pockets. Objects must not protrude over the top of the ruffled pockets. 285 Controls in detail Features Stowage well in the rear seat armrest Rear cup holder Risk of injury Cup holder in the rear seat armrest G P 68.00-2830-31 P 68.

00-2828-31 Keep the cup holder closed while the vehicle is in motion. Do not place anything in the cup holder while the vehicle is in motion. Otherwise vehicle occupants could be injured by objects being thrown around if you: brake sharply change direction suddenly have an accident Only use the cup holders for containers of the right size and which have lids. Otherwise the drinks could spill. Cup holders should not be used for hot drinks. Otherwise you may scald yourself. Push the handle upwards and fold the armrest up. Press the front of the cup holder. The cup holder slides out automatically. i The Owner's Manual and Service Booklet are stored in the stowage compartment.

286 Online Version (Edition F1, 06/03) Controls in detail Features Cup holder in the folding bench seat Replacing the insert Press the insert into the holder until it clicks into place. Ashtray P 68.00-3184-31 P 68.00-2831-31 i The ashtray may also be used as a stowage compartment. A rubber insert is located in the glove compartment for this purpose. This can be inserted into the compartment instead of the ashtray insert. Press the front of the cup holder to release it.*

Pull the cup holder to the stop. 1 Cover 2 Sliding knob Opening the ashtray Briefly press the marking on the bottom of cover 1. The ashtray opens.

P 68.00-2833-31 Removing the insert Move sliding knob 2 to the right. The ashtray insert slides out slightly.



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Online Version (Edition F1, 06/03) 287 Controls in detail Features Opening the rear ashtray Briefly press on the top of the ashtray. It folds out. Risk of injury and fire G 12-V socket The socket is located in the rear compartment in the centre console stowage compartment. Cigarette lighter Only hold the hot cigarette lighter by its knob. Otherwise you might burn yourself. Remove the cigarette lighter if children are travelling with you. They could injure themselves on a hot cigarette lighter or start a fire.

P 54.10-2136-31 P 68.00-2834-31 1 Cigarette lighter Switch on the ignition. Press cigarette lighter 1 in. The cigarette lighter will pop out automatically when the heating element is red-hot. If the socket is locked: Turn the locking mechanism anticlockwise with a coin, for example, and fold the cover up. The socket can be used for accessories with a maximum power consumption of 180 watts. i Estates have an additional socket on the left in the luggage compartment. 288 Online Version (Edition F1, 06/03) Controls in detail Features Switching on Make sure that the key is at least in position 1. Turn the lever in the direction of arrow 1.

The steering wheel becomes warm. Indicator lamp 3 lights up. Steering wheel heating The steering wheel heating operating lever is located to the bottom left of the steering column. Mobile phone* Risk of accident G P 54.25-2753-31 Switching off Turn the lever in the direction of arrow 2. The steering wheel heating is switched off. Indicator lamp 3 goes out. 1 To switch on the steering wheel heating 2 To switch off the steering wheel heating 3 Indicator lamp Only use the mobile phone when road and traffic conditions permit. If you are not using the hands-free device, stop the vehicle in a suitable place if you wish to make a phone call. A mobile phone operated in the vehicle: without an external aerial without an aerial installed in such a way that it is reflectionfree with an incorrectly fitted external aerial could interfere with the vehicle's electronics and thereby impair the correct operation of the vehicle and your safety.*

Health risks may also occur due to the excessive electromagnetic radiation. i The steering wheel heating does not switch off automatically. Online Version (Edition F1, 06/03) 289 Controls in detail Features For this reason, only have the external aerial fitted at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

A telephone bracket is available in the armrest for the Nokia 6310i. i The Nokia 6310i is only fully functional if your vehicle was supplied with the appropriate control unit for this mobile phone. If you have this version, you can also use the following mobile phones: Nokia 5110, Nokia 5130, Nokia 6110, Nokia 6130, Nokia 6150, Nokia 6210, Nokia 6310. P 82.70-4449-31 Mobile phone in the armrest Inserting a mobile phone in the telephone bracket Open the stowage well in the armrest (see page 284).

Remove the round cover on the back of the mobile phone. 1 To lift the cradle and engage the mobile phone 2 Retaining lugs 3 Bracket 4 Cradle Press bracket 3 downwards briefly in the direction of arrow 1. Cradle 4 is folded up. Push the mobile phone at the bottom and guide it into lugs 2 in telephone bracket 3. 290 Online Version (Edition F1, 06/03) Controls in detail Features Press the mobile phone downwards briefly in the direction of arrow 1. The cradle folds downwards. Press on the phone again until it engages in the sides of telephone bracket 3. The mobile phone is connected to the hands-free device and the multi-function steering wheel. The battery is charged depending on the charge status and the position of the key in the ignition lock.



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The charge status is shown in the mobile phone display.

i When you remove the key from the ignition lock, the mobile phone remains switched on for approximately ten minutes (run-on time). If you make a call during this time, the mobile phone will be switched off approximately ten minutes after you have hung up. Run-on time: You can change the run-on time by making an additional phone book entry on the SIM card. For the name, enter "Nachlaufzeit" (run-on time) and for the number, enter a figure between 1 and 30 (minutes). If you have not entered a number or have entered a different number, the run-on time of ten minutes will still apply. You can find out how to create a phone book entry in the mobile phone operating instructions. Own number sending: The hands-free system does not recognise whether own number sending is enabled or disabled in the mobile phone. The phone number is therefore always sent by default. By creating an additional phone book entry on the SIM card, you can switch the own number sending function on or off: For the name, enter "CALLID" and for the number, enter a "0" or a "1". Entering: "0" will prevent the phone number from being sent "1" will allow the phone number to be sent You can find out how to create a phone book entry in the mobile phone operating instructions.

i Depending on the mobile phone setting, the system reads the phone book stored on the SIM card or the mobile phone memory. You can make a call using the s and tbuttons on the multi-function steering wheel. You can control other mobile phone functions via the operating system (page 159). Online Version (Edition F1, 06/03) 291 Controls in detail Features Making a call using the telephone bracket You can remove the mobile phone together with the telephone bracket and make a call in this way. Removing the mobile phone with the bracket: Remove bracket 3 and the mobile phone from the cradle.

Making a phone call: The telephone bracket contains a fullyoperative receiver with loudspeaker and microphone. *i* The receiver function of the mobile phone is deactivated while the phone is inserted in the telephone bracket. You can only make a phone call via the telephone bracket receiver. Inserting the mobile phone with the telephone bracket: P82.70-4353-31 P82.

70-4450-31 P 82.70-4451-31 1 Loudspeaker 2 Microphone Make a phone call with the telephone bracket as you would with a telephone receiver. 1 To lift the cradle 2 Bracket 3 Cradle Press the front of the mobile phone downwards briefly in the direction of arrow 1. Cradle 1 is folded up. 1 To engage the bracket 2 Bracket 3 To insert the bracket with the mobile phone 4 Cradle 292 Online Version (Edition F1, 06/03) Controls in detail Features Push bracket 2 with the mobile phone in the direction of arrow 3 into cradle 4. Press the front of the mobile phone downwards in the direction of arrow 1 until cradle 4 engages.

Press the front of the mobile phone downwards briefly in the direction of arrow 1. Cradle 4 is folded up. Press release button 2 and remove the mobile phone forwards out of bracket 3. Press the front of bracket 3 downwards in the direction of arrow 1 until cradle 4 engages.

Close the stowage compartment in the armrest. P 82.70-4452-31 TeleAid* TeleAid has various functions: Emergency call system The system automatically makes an emergency call if you have a serious accident in certain European countries. You can also initiate an emergency call yourself by pressing the emergency call switch. The system transmits data regarding the vehicle's position and the extent of the accident to the control centre and establishes a connection with this centre. Roadside assistance The Mercedes-Benz breakdown service assists you if you have technical problems with your vehicle, e.g. if you have a flat tyre. Removing the mobile phone from the telephone bracket 1 2 3 4 To lift the cradle and engage it Release button Bracket Cradle Online Version (Edition F1, 06/03) 293 Controls in detail Features When you press the roadside assistance button, the system transmits the current vehicle position and the vehicle data to the Mercedes-Benz Customer Assistance Center.



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The centre then establishes a voice connection to your vehicle.

Mercedes-Benz Info The Mercedes-Benz information service helps you if you have questions about your vehicle, e.g.: If you have questions about operating your vehicle If you require information about Mercedes-Benz vehicles and accessories If you have queries concerning Mercedes-Benz technology, service and products If you have a complaint If the indicator lamp is continuously lit without a connection having been previously established, the system has not been able to transmit an emergency call. When you press the Mercedes-Benz Info button, the system transmits the current vehicle position and the vehicle data to the Mercedes-Benz Customer Assistance Centre. The centre then establishes a voice connection to your vehicle.

The indicator lamp in the emergency call switch flashes until the emergency call is finished. You will see the following messages in the multi-function display:

Emergency call Connecting call Emergency call Call connected You will hear an announcement when the emergency service centre has received your emergency call. Wait until a connection is established with the emergency service centre. Make your emergency call. Emergency call system It is only possible to make an automatic emergency call if the key is in position 1 or 2 in the ignition lock.

The indicator lamp in the emergency call switch lights up for approximately five seconds. An emergency call is automatically initiated if: an airbag or a belt tensioner is triggered the system detects that the vehicle has overturned i You cannot make another call using the mobile phone during the emergency call process. 294 Online Version (Edition F1, 06/03) Controls in detail Features You will see the following message in the multi-function display: Emergency call Call failed You must then initiate your own rescue measures. Initiating an emergency call manually Press emergency call switch 1. The indicator lamp in the emergency call switch flashes. You will hear an announcement when the emergency service centre has received your emergency call. Wait until a connection is established with the emergency service centre. Make your emergency call. When you have finished the emergency call: Replace the cover on the emergency call switch. i The key must not be in the ignition lock if you trigger an emergency call manually.

The emergency call system is a public system. Any wrongful use of the emergency call switch is therefore a punishable offence. Briefly press the cover of the emergency call switch in the front of the overhead control panel. The cover opens. Requirements TeleAid is available in the country in which you are driving. A Mercedes-Benz Service Centre has put TeleAid into service. You are authorised to use TeleAid. An appropriate mobile phone network is available with an SMS (text messaging) service. The vehicle can receive GPS signals. The emergency call system is operational.

The emergency call system receives sufficient current from the vehicle battery. P 82.00-2156-31 1 Emergency call switch Online Version (Edition F1, 06/03) 295 Controls in detail Features Mercedes-Benz Info and roadside assistance The buttons are located in the mobile phone compartment. Requesting Mercedes-Benz Info Press Mercedes-Benz Info button 1 until the call is connected. The Mercedes-Benz Customer Assistance Center receives a short message containing information about your vehicle and its position.

You will see the following messages in the multi-function display: Info Connecting call Info call Call connected The voice connection is established. To hang up: Press the t button on the multifunction steering wheel or another mobile phone hang-up button. The call is finished. The service remains connected for approximately five minutes in order to transmit any necessary data. You cannot make a phone call during this time.

However, if you wish to disconnect from the service immediately: Press the t button on the multi-function steering wheel or another mobile phone hang-up button again.



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P82.70-4045-31 Requesting roadside assistance Press roadside assistance button 2 until the call is connected. The Mercedes-Benz Customer Assistance Center receives a short message containing information about your vehicle and its position. 1 Mercedes-Benz Info button 2 Roadside assistance button 296 Online Version (Edition F1, 06/03) Controls in detail Features You will see the following messages in the multi-function display: Roadside assistance Connecting call Roadside assistance Call connected The voice connection is established. To hang up: Press the 1 button on the multifunction steering wheel or another mobile phone hang-up button. The call is finished. The service remains connected for approximately five minutes in order to transmit any necessary data. You cannot make a phone call during this time. However, if you wish to disconnect from the service immediately: Press the 1 button on the multi-function steering wheel or another mobile phone hang-up button again.

Garage door opener* The remote control integrated in the rear-view mirror allows you to operate up to three different door and gate systems. You can program the transmitter buttons. P 68.00-2934-31 i The garage door opener is only available for certain countries. Observe Remote control in the rear-view mirror the legal requirements in all countries concerned. 1 Transmitter button It may not be possible to operate 2 Transmitter button some garage door opening systems 3 Transmitter button with the integrated remote control. 4 Indicator lamp You can obtain detailed information from any Mercedes-Benz Service Centre. Online Version (Edition F1, 06/03) 297 Controls in detail Features Indicator lamp 4 starts to flash after a short while. It flashes about once a second. Keep the transmitter button on the garage door remote control depressed until indicator lamp 4 flashes rapidly.

The programming was successful if indicator lamp 4 flashes rapidly. If indicator lamp 4 goes out after approximately 20 seconds and did not flash rapidly before this: Release the transmitter buttons on the integrated and portable remote controls. Repeat the programming procedure and change the distance between the portable garage door remote control and the rear-view mirror. Release the transmitter buttons on the integrated and portable remote controls. Risk of accident G Only press the transmitter button on the integrated remote control if there are no persons or objects present within the sweep of the garage door.

Persons could otherwise be injured as the door moves. i Indicator lamp 4 flashes immediately the first time the transmitter button is programmed. If this transmitter button has already been programmed, indicator lamp 4 will only start flashing every second after 20 seconds have elapsed. Continue to keep the transmitter button pressed. Point the portable garage door remote control with the transmitter towards the left-hand side of the rear-view mirror from a distance of 5 to 20 cm.

Programming the remote control i You must clear the remote control memory before programming the remote control for the first time (page 299). Switch on the ignition. Press one of transmitter buttons 1 to 3 on the integrated remote control and keep it pressed. i The required distance between the portable garage door remote control and the rear-view mirror depends on your garage door opening system. 298 Online Version (Edition F1, 06/03) Controls in detail Features i If the garage door system works with a rolling code, after programming you must synchronise the remote control integrated in the rear-view mirror with the garage door system receiver. You will find further information in the garage door opening system's operating instructions, e.g. the sections on "Synchronising the transmitter" or "Registering a new transmitter". Opening/closing the garage door Once programmed, the integrated remote control will assume the function of the garage door system's remote control.



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Please read the operating instructions for the garage door system.

Switch on the ignition. Press the transmitter button in the rear-view mirror which you have programmed to operate the garage door concerned. Garage door system with a fixed code: Indicator lamp 4 lights up permanently. Garage door system with a rolling code: Indicator lamp 4 flashes for a brief period and then lights up for approximately two seconds. This is repeated for up to 20 seconds. The transmitter will transmit a signal for as long as the transmitter button is being pressed. The transmission will be halted after a maximum of 20 seconds and indicator lamp 4 will flash. Press the transmitter button again if necessary. Clearing the remote control memory Switch on the ignition. Press and hold transmitter buttons 1 and 3 for about 20 seconds until indicator lamp 4 flashes rapidly.

The memory is cleared. You should clear the remote control memory before selling the vehicle. Online Version (Edition F1, 06/03) 299 Operation The first 1,000 miles (1,500 km) You will find detailed information about operating, maintaining and caring for your vehicle in the "Operation" section. If you treat the engine with sufficient care from the very start, it will reward you with excellent performance for a very long period afterwards. You should therefore drive at varying road and engine speeds for the first 1,000 miles (1,500 km).

Avoid heavy loads, e.g. driving at full throttle, during this time. Do not exceed 2/ of the permitted maximum engine speed for each gear. Change gear in good time.

Do not change down a gear manually in order to brake. Vehicles with automatic transmission*: Try to avoid depressing the accelerator pedal beyond the pressure point (kickdown). Use shift ranges 3, 2 or 1 for slow driving only, for example in mountainous terrain. After 1,000 miles (1,500 km) you can gradually bring the vehicle up to full road and engine speed. Additional driving tips for AMG vehicles: Do not drive faster than 85 mph (140 km/h) for the first 1,000 miles (1,500 km). Only bring the engine up to the maximum speed of 4,500 rpm for a brief period. You should also observe these notes if the engine or rear axle transmission on your vehicle has been replaced. 302 Online Version (Edition F1, 06/03) Operation Refuelling Refuelling Risk of explosion The fuel filler flap is unlocked and locked automatically by the remote control or KEYLESS GO* when you open or close the vehicle. The fuel filler flap is to the rear on the right. Turn fuel filler cap 2 anti-clockwise and remove it.

Insert fuel filler cap 2 into retainer 3 on the inside of the fuel filler flap. Only fill the tank until the pump nozzle switches off. Replace the fuel filler cap 2. Close it by turning it clockwise. You will hear fuel filler cap 2 lock. Close fuel filler flap 1 until you hear the catch engage. Fuel is highly flammable. Fire, naked flames and smoking are therefore prohibited when handling fuels. Switch off the engine and the auxiliary heating* before refuelling. E2_F1 Risk of injury G B13+16_P88.

60-2100-31 Do not allow fuel to come into contact with skin or clothing. Your health could be damaged if: you spill fuels onto your skin you inhale fuel vapours 1 2 3 4 Fuel filler flap Fuel filler cap Retainer for fuel filler cap Tyre pressures table Remove the key from the ignition lock. Open fuel filler flap 1 by pressing in the direction of the arrow. The fuel filler flap folds open. Online Version (Edition F1, 06/03) Vehicles with a diesel engine: If you have run the tank dry, it will be necessary to bleed the fuel system (page 427).

303 Operation Refuelling Petrol (EN 228) You will generally find information on petrol quality on the filling pump. Otherwise ask your filling station attendant. As a temporary measure you may also use unleaded standard petrol, 91 RON/82.5 MON. This may reduce power and increase petrol consumption.

Avoid the use of full throttle. The following may lead to increased wear or engine damage: Using diesel which does not meet the requirements of EN 590 Using marine diesel fuel Using heating oil Using vegetable oil methyl ester (VME) Your warranty entitlement will be restricted if you use non-approved fuels and/or fuel additives such as these.



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! Refuel using only unleaded premium grade petrol with a minimum octane number of 95 RON/85 MON conforming to European standard EN 228. Otherwise you could: impair engine output damage the engine You will find further information about petrol in the "Technical data" section (page 481). Diesel (EN 590) i You will generally find information about diesel quality on the filling pump. The engine oil should be changed every 4,600 miles (7,500 km) in countries where only diesel fuel with a sulphur content exceeding 0.5 percent by weight is available. Low outside temperatures To prevent operating problems, diesel with improved cold flow qualities is available during the winter months. You can use this "winter diesel" at temperatures down to about 20 °C. 304 Online Version (Edition F1, 06/03) Operation Refuelling To improve flow properties, it is possible to mix diesel with kerosene and flow improver.

Risk of injury G Vegetable oil methyl ester (PME fuels) Only the models with the special option of the vegetable oil methyl ester specification* may be refuelled with biofuels. It is possible to refuel these models with biofuels and diesel. Biofuels do not attain the same quality as winter diesel. We recommend using standard winter diesel fuel at temperatures below 10 °C. If the vehicle has not been used for a long time (more than about two weeks), we recommend that you first fill up with standard diesel fuel and then drive the vehicle for 30 minutes. ! Do not refuel with petrol. Never mix diesel with petrol. This would damage the fuel system. Only mix diesel with kerosene in a container which has been approved for holding fuels; do not mix them in the fuel tank. Add a maximum of 50% kerosene or flow improver to the diesel.*

Put the kerosene into the container first, then add the diesel. After a few minutes' driving, the mixture will spread to all parts of the fuel system. The mixing ratio depends on the type of diesel and the outside temperature. However, keep the concentration of flow improver as low as possible. Please note that a mixture of diesel and kerosene is more easily ignited than normal diesel.

Outside temperature 15 °C to 23 °C 23 °C to 30 °C Outside temperature 25 °C to 30 °C 30 °C to 35 °C Summer diesel fuel 80% 50% Winter diesel fuel 80% 50% Kerosene 20% 50% Kerosene 20% 50% Online Version (Edition F1, 06/03) 305 Operation Engine compartment Bonnet Risk of accident Risk of injury G P 88.40-2275-31 G Do not pull the release lever while the vehicle is in motion. The bonnet could otherwise open. Opening Risk of injury The engine has an electronic ignition system which carries a high voltage. For this reason, you must never touch the ignition system components (ignition coil, ignition cables, spark plug connections, test socket) while: the engine is running the engine is being started the ignition is switched on and the engine is being cranked by hand The radiator fan is located between the radiator and the engine.

The radiator fan may run on after the engine has been switched off. The fan will not, however, switch on unexpectedly if the engine is switched off. Do not reach into the engine compartment while the fan is running. Otherwise you could be injured. G 1 Bonnet release lever Pull release lever 1 in the driver's footwell. The bonnet is released. There is a risk of injury if the bonnet is open, even if the engine is not running. Parts of the engine can become very hot. To avoid burning yourself, only touch those components described in the Owner's Manual and observe the relevant safety notes. 306 Online Version (Edition F1, 06/03) Operation Engine compartment Pull handle 2 of the bonnet catch outwards from the radiator trim and lift the bonnet from underneath by the radiator grille.

P 88.40-2213-31 Engine oil Depending on how it is driven, the vehicle consumes a maximum of 0.8 l oil per 620 miles (1,000 km). Oil consumption may exceed this if: the vehicle is new Closing Risk of injury G you regularly drive at high engine speeds The oil consumption can only be estimated after a considerable distance has been covered.



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You will find further information about engine oil in the "Technical data" section (page 492). 2 Bonnet catch handle Make sure that nobody can be trapped as you close the bonnet. Lower the bonnet and let it fall from a height of about 20 cm. You will hear the bonnet catch engage. Check that the bonnet has engaged properly. If the bonnet can be raised slightly, it is not properly engaged.

Open it again and close it with a little more force. ! Do not lift the bonnet by handle 2. Make sure that the windscreen wipers are not folded away from the windscreen, otherwise the windscreen wipers or the bonnet could be damaged. Lift the bonnet slightly. Handle 2 extends.

! Lubricant additives may not be used since they lead to increased wear and damage to the assemblies. The use of such additives may result in limitation of warranty rights. You can obtain further information from any Mercedes-Benz Service Centre. Online Version (Edition F1, 06/03) 307 Operation Engine compartment Checking the engine oil level When you check the oil level, the vehicle must: be standing level be at normal operating temperature have been standing with the engine switched off for at least five minutes Check the engine oil level using the operating system. Turn the key to position 2 in the ignition (page 31).

The standard display appears in the multi-function display (page 135). Press the k or j button on the steering wheel repeatedly until the following message appears in the multi-function display: Engine oil level Measuring now After measuring, the following messages may appear: Engine oil level OK Add 1.0 litre to reach max. oil level! Add 1.5 litres to reach max. oil level! Add 2.0 litres to reach max. oil level! Top up the oil if necessary (page 309). If you see the following message: Turn on ignition to see engine oil level! Turn the key to position 2 in the ignition (page 31). You will see the following message if the required waiting time is not observed: Observe waiting period Repeat the measurement after about five minutes when the engine is at normal operating temperature.

Repeat the measurement after about 30 minutes when the engine is not at normal operating temperature. You will see the following message if the engine is running: Engine oil level Not when engine on! Other messages in the multifunction display If the engine is at normal operating temperature and there is too much oil, you will see the following message: Engine oil level Reduce oil level! Have excess oil siphoned off. ! There is a risk of damage to the engine or the catalytic converter if there is excess oil in the engine. 308 Online Version (Edition F1, 06/03) Operation Engine compartment Switch off the engine and wait about five minutes before taking the measurement if the engine is at normal operating temperature. E2_F1 Environmental note H i If you wish to cancel the measurement, press the k or j button on the multi-function steering wheel. B15__P18.40-2121-31 When topping up the oil, take care not to spill any. Oil must not be allowed to escape into the soil or waterways. You would otherwise be damaging the environment. Topping up the engine oil Example of a vehicle with a diesel engine 1 Filler neck cap Unscrew cap 1 on the filler neck.

Top up the oil. Do not add too much oil. Oil level in the automatic transmission* There is no need for you to check the oil level in the automatic transmission.

In the event of oil loss or problems with gear shifts, have the automatic transmission checked at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre. E2_F1 B14__P18.40-2120-31 ! Have excess oil siphoned off. There is a risk of damage to the engine or the catalytic converter if there is excess oil in the engine. Screw cap 1 onto the filler neck.

Example of a vehicle with a petrol engine 1 Filler neck cap Online Version (Edition F1, 06/03) 309 Operation Engine compartment Checking the coolant level Turn cap 2 further anti-clockwise and remove it.



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There is sufficient coolant in expansion tank 3 if: the coolant reaches marker bar 1 in the filler neck when the coolant is cold E2_F1 B16__P20-30-2179-31 the coolant level is slightly higher than this when the coolant is hot Top up the coolant if necessary. Replace cap 2 by turning it to the stop. 1 Marker bar 2 Cover 3 Expansion tank Slowly turn cap 2 by half a turn anti-clockwise and allow excess pressure to escape. You will find further information about coolant in the "Technical data" section (see page 494). Coolant Risk of injury G The expansion tank is located in the engine compartment on the left when viewed in the direction of travel. The cooling system is pressurised. Therefore, only unscrew the cap once the engine has cooled down. You could otherwise be scalded by hot coolant. Coolant is a mixture of water and antifreeze and corrosion inhibitor.

Only check the coolant level when the vehicle is standing level and the engine has cooled down. 310 Online Version (Edition F1, 06/03) Operation Engine compartment Opening the windscreen washer fluid reservoir Pull cap 1 upwards by the tab. Windscreen washer concentrate is highly flammable. Fire, naked flames and smoking are therefore prohibited when you are handling windscreen washer concentrate. Use: E2_F1 B16__P82.35-2260-31 a washer fluid additive, e.g. MB summerwash, for temperatures above freezing point, to prevent smearing. a washer fluid additive, e.g.

MB winterwash, when there is a risk of frost, to prevent the water from freezing on the windscreen. Mix the windscreen washer fluid in a container beforehand. Adapt the mixing ratio to suit the outside temperatures (page 497). Windscreen washer system, headlamp cleaning system* The windscreen washer fluid reservoir is located in the engine compartment on the right when viewed in the direction of travel. The headlamp cleaning system* is also supplied from the windscreen washer fluid reservoir.

Risk of fire G Closing the windscreen washer fluid reservoir Press cap 1 onto the filler neck until it fully engages. . ! Use only windscreen washer fluid suitable for plastic lamp lenses. Unsuitable windscreen washer fluid may cause damage to the plastic lenses of the headlamps. 1 Cap Add windscreen washer concentrate to the washer fluid all year round.

Online Version (Edition F1, 06/03) 311 Operation Tyres and wheels For safety reasons, Mercedes-Benz recommends that you only use tyres which have been approved by Mercedes-Benz specifically for your vehicle. These tyres are specially adapted for use with the control systems, such as ABS or ESP. If you use other tyres, Mercedes-Benz cannot accept any responsibility for damage which may occur. Information about tyres can be obtained from any Mercedes-Benz

Service Centre. If you fit tyres other than those tested and recommended by Mercedes-Benz, characteristics such as handling, noise emissions and fuel consumption, etc. may be adversely affected. In addition, when driving with a load, dimensional variations and different tyre deformation characteristics could cause the tyres to make contact with the bodywork and axle components. This may damage the tyre or the vehicle. Retreaded tyres are not tested or recommended by Mercedes-Benz, since previous damage cannot always be detected on retreaded tyres. As a result, Mercedes-Benz cannot guarantee vehicle safety if retreaded tyres are fitted.

Risk of accident Modification work on the brake system and wheels is not permitted, nor is the use of spacer plates or brake dust shields. Any such modifications will invalidate the vehicle's general operating permit. G Only use the wheel dimensions listed in your vehicle documents. If other wheels are fitted: the wheel brakes or chassis components could be damaged the free travel of the wheels and tyres can no longer be guaranteed 312 Online Version (Edition F1, 06/03) Operation Tyres and wheels ! Store tyres in a cool, dry place, preferably in the dark. Protect the tyres from oil, grease, petrol and diesel.



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Do not clean your wheels with acidic wheel cleaners since these could corrode the wheel bolts. Points to remember Only fit tyres and wheels of the same type and make. Only fit tyres of the correct size onto the wheels. Run in new tyres at moderate speeds for the first 60 miles (100 km). Check the tyres and wheels regularly for damage.

If the vehicle has been loaded, check the tyre pressures and correct them if necessary. Do not continue to use tyres with severely worn treads. Tyre grip decreases rapidly on wet roads when the tread depth drops below 3 mm. Fit new tyres on the front wheels first if tyres of the same size are required on the front and rear wheels. Replace the tyres after six years at the latest, regardless of wear.

This also applies to the spare wheel. Tyre pressures Risk of accident G If the tyre pressures drop repeatedly: inspect the tyre for foreign objects Direction of rotation Tyres with a specified direction of rotation have additional benefits, e.g. in respect of aquaplaning. These benefits will only be available to you if the correct direction of rotation is observed.

An arrow on the sidewall of the tyre indicates its correct direction of rotation. check whether the tyre is punctured or the valve is leaking Only correct tyre pressures when the tyres are cold. The pressure of warm tyres should only be corrected if it is too low for the current operating conditions. Warm tyres always have higher pressures than cold ones. You will find a table of tyre pressures for different operating conditions on the inside of your vehicle's fuel filler flap. i

You may fit a spare tyre* against the direction of rotation. Online Version (Edition F1, 06/03) 313 Operation Tyres and wheels If you measure the tyre pressure indoors where the temperature differs Tyre pressure values given for low from the outside temperature, you will loads are minimum values which ofhave to correct the measured value acfer you good ride comfort charactercordingly. istics. When the vehicle is driven, the tyre You can, however, also use the valtemperature, and with it the tyre presues for higher loads. These are persure, will increase depending on the missible and will not adversely affect road speed and the load on the tyres.

the running of the vehicle. However, ride comfort will be impaired to Checking the tyre pressure some degree. i i Once the system has been activated, the current tyre pressure values will be displayed only after you have been driving for a few minutes. You can select the unit of measurement for the tyre pressure using the operating system (see page 146). i The tyre pressure values indicated in the operating system may differ from those measured at a filling station with a pressure gauge. The operating system will give a more accurate value. Switch on the ignition. Press the j or k button on the multi-function steering wheel repeatedly until you see the current pressure of each tyre in the multifunction display. Also check the tyre pressure of the spare wheel*. electronically* Environmental note Check tyre pressure regularly, at least every two weeks.

H Tyre pressure changes by approximately 0.1 bar for every 10 °C change in ambient temperature. The tyre pressure monitoring system only operates when an appropriate wheel electronic unit is fitted to all wheels. This system monitors the pressure in all four tyres. The tyre pressure is set when you activate the tyre pressure monitoring system.

The monitoring system warns you when the pressure drops in one or more of the tyres. You can call up the tyre pressure using the operating system (page 135). 314 Online Version (Edition F1, 06/03) Operation Tyres and wheels Activating the tyre pressure monitoring system The tyre pressure monitoring system must be activated if you have: changed the tyre pressure changed the wheels or tyres fitted new wheels or tyres Make sure that the tyre pressure is set to the correct level. Make sure that the ignition is switched on.



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The standard display menu should be displayed in the multi-function display (page 135).

Press the j or k button on the multi-function steering wheel until you see the current pressure of each tyre in the multi-function display. de P 54.30-5350-31 en P54.30-5554-31 fr P54.30-5555-31 it P54.30-5556-31 sp P54.30-5557-31 The current tyre pressure for each wheel will be displayed. Risk of accident The tyre pressure monitoring system is not able to warn you of a sudden loss of pressure, e.g. following penetration by a foreign object.

If this occurs, bring the vehicle to a halt by braking carefully. Do not make any sudden steering movements when doing this. G i The operation of the tyre pressure monitoring system can suffer interference if radio transmitting equipment (e.g. radio headphones, twoway radios) is being operated in or near the vehicle. The tyre pressure monitoring system does not warn you of an incorrectly set tyre pressure. The table in the fuel filler flap will help you decide whether the tyre pressures should be corrected. Online Version (Edition F1, 06/03) 315 Operation Tyres and wheels i If you have a deflated tyre in the vehicle, do not reactivate the tyre pressure monitoring system until: the deflated tyre has been removed from the vehicle you have set the correct tyre pressure Press the reset button on the left of the instrument cluster (page 20). The following message appears in the multi-function display: Monitor current tyre pressure? Press the æ button. The following message appears in the multi-function display: Tyre press.

monitor activated! Tyre pressure displayed after driv. a few mins. Or if you wish to deactivate the tyre pressure monitoring system: Press the ç button. If one of the following messages appears in the multi-function display: Reactivate tyre press. monitor! Tyre pressure Check tyres! Check the pressures of all the tyres and correct them if necessary.

Reactivate the tyre pressure monitoring system (page 315). Interchanging the wheels Risk of accident G Only interchange the front and rear wheels if they are of the same size. The wheels may be interchanged every 3,000 to 6,000 miles (5,000 to 10,000 km), depending on the degree of tyre wear, provided that the vehicle has the same size wheels front and rear. Do not reverse the direction of tyre rotation. The wear patterns on the front and rear wheels differ depending on the operating conditions.*

Interchange the wheels before too definite a wear pattern has formed on the tyres. The front tyres typically wear more on the outer shoulder and the rear tyres in the centre. 316 Online Version (Edition F1, 06/03) Operation Tyres and wheels Clean the contact surfaces of the wheel and the brake disc thoroughly every time a wheel is interchanged. Check the tyre pressure and reactivate the tyre pressure monitoring system if necessary. Risk of accident G Risk of accident G ! Electronic components will be located in the wheel if your vehicle is fitted with a tyre pressure monitoring system*. Tyre fitting tools should not be applied in the area of the valve, as this could damage the electronic components. Always have the tyres replaced at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. Have the tightening torque checked after every wheel change at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required.*

Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. The wheels could work loose if they are not tightened to a tightening torque of 130 Nm. For safety reasons, Mercedes-Benz recommends that you only use wheel bolts of the correct size, and which have been approved for Mercedes-Benz vehicles. Online Version (Edition F1, 06/03) 317 Operation Winter driving Have your vehicle "winterproofed" at a qualified specialist workshop, e.



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g. a Mercedes-Benz Service Centre, at the onset of winter. This service includes the following: Engine oil change, if the current oil has not been approved for winter use The antifreeze/anti-corrosion concentration will be checked Concentrated cleaning agent will be added to the windscreen and headlamp cleaning system fluid* The battery will be checked A tyre change Always observe the maximum permitted speed specified for the winter tyres you have fitted. If you fit winter tyres which have a lower maximum permitted speed than that of the vehicle, affix an appropriate warning sign in the driver's field of vision. This is available from a qualified specialist workshop, e.

g. a Mercedes-Benz Service Centre. In such circumstances, you should also restrict the maximum speed of the vehicle to the maximum permitted speed for the winter tyres using permanent Speedtronic (page 241). Winter tyres Use winter tyres at temperatures below +7 °C and on snow or ice-covered roads. Only then can the maximum effect of the ABS, ESP and 4MATIC* driving systems be ensured in winter too.

Use winter tyres of the same make and tread on all wheels to maintain safe handling characteristics. Risk of accident G You must replace winter tyres with a tread depth of less than 4 mm immediately. They are no longer suitable for winter use. 318 Online Version (Edition F1, 06/03) Operation Winter driving If you are intending to fit snow chains, please bear the following points in mind: Snow chains cannot be fitted on all wheel/tyre combinations. Only fit snow chains to the rear wheels, even on vehicles with 4MATIC*.

Observe the fitting instructions issued by the manufacturer. For safety reasons, Mercedes-Benz recommends that you only use snow chains which have been specially approved for Mercedes-Benz vehicles. Risk of accident G If you fit the spare wheel* when driving with winter tyres, please be aware that driving stability will be impaired owing to unstable cornering characteristics caused by the different tyres. You should therefore adapt your driving style and drive carefully. Have the spare wheel* replaced at the nearest qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Snow chains On vehicles with Airmatic DC*, if you have fitted snow chains you may only drive at raised vehicle ride height (page 248). You should not exceed the maximum permissible speed of 30 mph (50 km/h). If you are not driving on snow, remove the snow chains as soon as possible.

i You may wish to deactivate ESP when pulling away with snow chains fitted (page 79). This will help you to achieve a favourable cutting action. Online Version (Edition F1, 06/03) 319 Operation Forging on roads If you have to drive on stretches of road on which water has collected, please note that: the maximum still water height permitted for fording is 25 cm the maximum speed you may drive at is walking speed ! Note that vehicles in front or oncoming vehicles create waves. This may mean that the maximum permitted water height is exceeded. You must observe these notes, otherwise damage may occur to the: engine electrical system and the transmission 320 Online Version (Edition F1, 06/03) Operation Driving abroad Driving abroad An extensive network of MercedesBenz Service Centres is also at your disposal when you are travelling abroad. The appropriate workshop directories are available from any Mercedes-Benz Service Centre. Only low-octane fuel is available in certain countries. You will find further information about fuel grades in the "Operation" section (page 303). Risk of injury G P 82.10-2899-31 Vehicles with xenon headlamps*: Risk of injury from high voltage. Have the xenon headlamps* switched to symmetrical dipped beam at a qualified specialist workshop, e.



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g. a Mercedes-Benz Service Centre. 1 Switchover lever Switch over lever 1. Replace the cap.

P 82.10-2898-31 Symmetrical dipped-beam headlamps If your journey takes you to countries where vehicles are driven on the opposite side of the road to the country where the vehicle is registered, your headlamps must be switched to symmetrical dipped-beam. Oncoming traffic will be dazzled less. 1 Cap Turn cap 1 anti-clockwise and remove it. ! Remember to switch your headlamps back to asymmetrical dipped beam when you return to the country in which your vehicle is registered.

Online Version (Edition F1, 06/03) 321 Operation Trailer towing* You will find details of installation dimensions and loads in the "Technical data" section (page 472). Pull telescope lever 1 out forwards. Pull telescope lever 1 upwards. E2_F1 B 17+1_P31.10-2760-31 The ball coupling disengages and folds out from under the rear bumper. Indicator lamp 2 flashes. Guide telescope lever 1 back again. 1 Telescope lever 2 Indicator lamp Risk of accident i Fold the ball coupling in if you are not using the trailer tow hitch. Folding out the ball coupling The telescope lever is under the lefthand luggage compartment mat. i In vehicles with a folding bench seat, first remove the folding bench seat cushion (page 267) and fold up the footwell tray (page 341).

G Make sure that the ball coupling is engaged (indicator lamp 2 is not lit) in both the extended and retracted positions. Do not pull telescope lever 1 if a trailer is attached. The trailer could otherwise come loose. 322 Online Version (Edition F1, 06/03) Operation Trailer towing* Driving tips E2_F1 B 17+2_P31.10-2761-31 Risk of accident Risk of accident G G Maximum care and attention is called for when coupling and decoupling a trailer. Do not uncouple a trailer with an overrun brake when the brake is engaged. You could otherwise trap your hand between the bumper and drawbar. There is a danger of the trailer breaking away if it is incorrectly attached to the towing vehicle. Make sure that the following values are not exceeded: permitted trailer drawbar noseweight permitted trailer load permitted rear axle load of the towing vehicle the permitted maximum gross vehicle weight For vehicles without level control, the height of the ball coupling will alter according to the load placed on the vehicle. When folding out the ball coupling, make sure that it has engaged properly in the end position.

The indicator lamp in the telescope lever is not lit. If the Trailer tow hitch, Check lock mech.! display appears while you are driving, pull over immediately and check that the ball coupling is correctly engaged in the end position. Press the ball coupling manually in the direction of the arrow until it engages in a vertical position. Indicator lamp 2 goes out.

The Trailer tow hitch, Check lock mech.! message is shown in the multi-function display until the ball coupling is engaged. Remove the protective cap from the ball coupling. Online Version (Edition F1, 06/03) 323 Operation Trailer towing* Fuel consumption is higher when towing a trailer. When loading the trailer, make sure that the following are not exceeded: the permitted maximum gross vehicle weight the permitted trailer load for the vehicle the trailer tow hitch trailer load and the maximum permissible trailer drawbar noseweight on the trailer tow hitch ball coupling.

Risk of injury G Make sure that no-one is between the trailer and the vehicle when the latter is being reversed up to the trailer. The vehicle's handling characteristics will be different when driven with a trailer than when driven without. Pay attention to these changes. The vehicle/trailer combination: is heavier is restricted in its acceleration and gradient climbing ability has an increased stopping distance is affected more by strong crosswinds demands more sensitive steering The maximum permissible trailer drawbar noseweight on the trailer tow hitch is 75 kg.



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The weight must not, however, exceed the figure given on the trailer tow hitch and trailer identification plates. We recommend utilising the maximum permissible noseweight, and always at least 50 kg. The vehicle's payload must be reduced to compensate for the noseweight so that the maximum permissible rear axle load is not exceeded. We recommend that a maximum speed of 50 mph (80 km/h) should not be exceeded, even in countries where higher speeds are allowed. Avoid sudden braking. Apply the brakes lightly at first to allow the trailer to run on.

Then increase the braking force rapidly. i The maximum permissible weights are given in the vehicle documents and on the trailer and trailer tow hitch identification plates. The lowest value given is decisive. 324 Online Version (Edition F1, 06/03) Operation Trailer towing* Driving tips Maintain a greater distance from the vehicle in front than when driving without a trailer. Avoid braking abruptly. If possible, brake gently at first to allow the trailer to run on. Then increase the braking force rapidly. The vehicle's payload must be reduced to compensate for the noseweight so that the maximum permissible rear axle load is not exceeded. The gradient-climbing capabilities from a standstill are correct for sea level. When driving in mountainous areas, note that the power output of the engine, and with it its gradient climbing capability, decrease with increasing altitude.

If the trailer swings from side to side: Do not accelerate. Do not countersteer. Brake if necessary. Risk of accident G ! Do not decouple a trailer with overrun brake between the bumper and drawbar, otherwise your vehicle could be damaged by the spring action of the overrun brake. On no account should you attempt to draw the vehicle/trailer combination out by increasing speed.

Risk of injury G Do not uncouple a trailer with an overrun brake when the brake is engaged. The spring action of the overrun brake could otherwise trap your hand between the bumper and the drawbar. Online Version (Edition F1, 06/03) 325 Operation Trailer towing* Pull telescope lever 1 out forwards. Pull telescope lever 1 upwards. E2_F1 B 17+1_P31.

10-2760-31 The ball coupling disengages and folds down under the rear bumper. Indicator lamp 2 flashes. Guide telescope lever 1 back again. Press the ball coupling manually in the direction of the arrow until it engages behind the bumper. Indicator lamp 2 in the luggage compartment goes out and the message in the multi-function display disappears. Folding in the ball coupling 1 Telescope lever 2 Indicator lamp Place the protective cap on the ball coupling. Risk of injury E2_F1 B 17+3_P31.10-2762-31 G Make sure that no persons or animals are in the pivoting range of the ball coupling. Otherwise they could be injured. 326 Online Version (Edition F1, 06/03) Operation Trailer towing* Fitting the adapter cable Lift up the cover.

Insert the connector with lug 1 into groove 2 and turn it clockwise to the stop. Allow the cover to engage. Secure the adapter cable to the trailer using cable ties. P 31.10-2419-31 Permanent current The trailer power socket is equipped with a permanent current connection (to PIN 9) when delivered from the factory. This can be used for accessories with a maximum power consumption of 240 W. Trailer with 7-pin connector If your trailer has a 7-pin connector, you can connect it using an adapter cable. You can obtain the adapter cable from a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. i Do not charge the trailer battery using the permanent current connection, as this could discharge the vehicle battery. ! Make sure that there is sufficient cable play so that the cable cannot become detached when cornering. 1 Lug 2 Groove Online Version (Edition F1, 06/03) 327 Operation Service ASSYST PLUS, the Active Service System, tells you when the next service is due. Approximately one month before the next service is due, one of the following messages will appear in the multi-function display while you are driving the ignition is switched on: Service A in days Service A in km Service A due now from A to H major service minor service Clearing the service indicator The service indicator automatically disappears after 30 seconds.



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You can also clear the service indicator yourself.

i The extra + following the service type indicates the degree of wear of the brake pads. The brake pads may reach their wear limit before the next service is due. You can have the brake pads replaced: during this service or 1 Reset button Press reset button 1 on the left in the instrument cluster. E2_F1 B8_P54.25-3603-31 P 54.

30-5728-31 The letter following Service informs the workshop how long is required for the service work to be carried out. during subsequent extra maintenance work The time between individual services depends on your style of driving. A moderate style of driving at medium engine speeds and avoiding short trips will increase this time. 328 Online Version (Edition F1, 06/03) Operation Service Missing the service due date If you have missed the service due date, the following messages will appear in the multi-function display: Service A exceeded by days Service A exceeded by km You will also hear an audible signal. A qualified specialist workshop, e.g. a Mercedes-Benz Service Centre, will reset the service indicator on the service due date. Calling up the service due date Make sure that the ignition is switched on. The standard display appears in the multi-function display (page 130). Press the k or j button on the multi-function steering wheel repeatedly until you see the 9 service symbol with the service due date in the multi-function display.

Resetting the service indicator If your vehicle is ever serviced other than at a qualified specialist workshop or a Mercedes-Benz Service Centre, you can reset the service indicator yourself. You will find further information in the maintenance manual. i Failure to have the service performed by the specified date may invalidate warranty and ex gratia claims as well as mobilo-life obligations. i Periods when the vehicle battery is disconnected from electrical consumers will not be recorded by the timed service indicator. You must therefore subtract such periods from the service due date yourself. Online Version (Edition F1, 06/03) 329 Operation Service Press and hold the reset button on the left in the instrument cluster for approximately five seconds (page 328). You will see the Service menu. Reading off the workshop code The workshop code contains vehiclespecific information concerning the full, current scope of service work to be carried out. When you are arranging a date for a service, you could inform the service adviser of the workshop code. Using this code, the service adviser is able to inform you of the service work to be carried out and an approximate cost.

Make sure that the ignition is switched on. The standard display appears in the multi-function display (page 130). Press the k or j button on the multi-function steering wheel repeatedly until you see the 9 service symbol with the service due date in the multi-function display. E2_F2 de P P54.32-2401-31 Press the ÿ button.

E2__F1 de P P54.32-2400-31 The multiple digit workshop code number is highlighted. Press the è button. Press the æ or ç button to select the Service data submenu. The Service menu reappears.

Press the è button again. You have exited the Service menu and you can now see the 9 service symbol with the service due date again. 330 Online Version (Edition F1, 06/03) Operation Service Press and hold the reset button on the left in the instrument cluster for approximately five seconds (page 328). You will see the Service menu. Press the æ or ç button to select the Addit. work submenu. Press the ÿ button. The Addit. work function is selected. Press the æ or ç button to select the Exh.

-gas analysis or General Inspection function. Setting due dates You can use ASSYST PLUS to set the dates on which the general inspection and exhaust gas analysis for your vehicle are due. Approximately one month before the due date you have entered, a corresponding message will appear in the multi-function display while you are driving or the ignition is switched on.



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Make sure that the ignition is switched on. The standard display appears in the multi-function display (page 130) Press the k or j button on the multi-function steering wheel repeatedly until you see the 9 service symbol with the service due date in the multi-function display. F2_E1 de P P54.32-2403-31 Press the æ or ç button to move the bar to the Month or Year setting. Press the k or j button to set the Month and the Year. Press the æ or ç button to move the bar to the Confirm option. Press the ÿ button.

The new due date is set. Press the è button repeatedly until the standard display appears. ASSYST PLUS recalculates the values. During this time you cannot call up the service display or the service menu. F2__E1 de P P54.

32-2402-31 Press the ÿ button. The Next due date menu is selected. Online Version (Edition F1, 06/03) 331 Operation Care The value of your vehicle will be retained by regular and proper care. The best way to protect your vehicle from harmful environmental influences is to wash it and use protective treatments regularly. Insect remains Bird droppings Tree resin Oils and grease Fuel Tar stains Risk of poisoning ! Do not affix: unsuitable stickers films magnetic plates or similar to painted surfaces, otherwise you could damage the paintwork.

i It is preferable to use MercedesBenz care products. They have been specially developed for Mercedes-Benz vehicles and are regularly upgraded in keeping with technical progress. Mercedes-Benz care products are available from any Mercedes-Benz Service Centre. Scratches, corrosive deposits, areas affected by corrosion and damage caused by neglect or inadequate care cannot always be completely repaired. In such cases, visit a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre, immediately. Repair damage caused by loose chippings and remove the following immediately: G Always follow the instructions for using the care products. Always keep care products tightly closed and out of the reach of children. Additional notes on care for AMG vehicles with Nubuck leather upholstery: This Nubuck leather has already been treated with a protective film.

For this reason do not use: MB leather care agent MB stain remover Environmental note H special solvent cleaning agents Avoid rubbing hard on the leather upholstery. Remove any dirt using a damp microfibre cloth. Dispose of empty containers, cleaning cloths and polishing wads in an environmentally-responsible manner. 332 Online Version (Edition F1, 06/03) Operation Care ! Make sure that the automatic car wash is suitable for the size of the vehicle.

Fold in the exterior mirrors before the vehicle is washed. Make sure that the windscreen wiper switch is set to 0 (page 50). The exterior mirrors or windscreen wipers could otherwise be damaged. Caring for the exterior of your vehicle Automatic car wash You can clean the vehicle in an automatic car wash from the very start, but preferably one without brushes. If the vehicle is very dirty, prewash it before you drive into the car wash. After using an automatic car wash, wipe off wax from the windscreen and the wiper blades.

This will prevent smearing. Risk of accident High-pressure cleaners ! Do not use high-pressure cleaners with round-spray jets for cleaning the tyres. You could otherwise damage the tyres. Replace damaged tyres. The minimum distance between the high-pressure cleaner nozzle and the vehicle must be approximately 30 cm.

Move the high-pressure cleaner nozzle around when cleaning your vehicle. i Make sure that mirrors are fully folded out when you leave the automatic car wash. They could otherwise vibrate. G ! When doing so, do not point directly onto door joints, air spring bellows, electrical components, connectors or seals. The vehicle is braked if SBC Hold/ SBC Stop* is activated.

Therefore, deactivate SBC Hold/SBC Stop* before the vehicle is washed in an automatic car wash. Online Version (Edition F1, 06/03) 333 Operation Care Cleaning the windscreen Turn the key to position 1 in the ignition lock.



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Turn the windscreen wipers to position I on the combination switch (page 50). Turn the key to position 0 in the ignition lock when the wiper arm is vertical. Risk of injury Fold the wiper arm away from the windscreen until you feel it engage. Cleaning the headlamps Wipe the headlamp lenses with a wet sponge. ! Only fold the windscreen wiper away from the windscreen when vertical, otherwise you will damage the bonnet. You can now clean the windscreen. Fold the windscreen wipers back again before switching on the ignition. ! Use only windscreen washer fluid suitable for plastic lenses.

Unsuitable windscreen washer fluid may cause damage to the plastic lenses of the headlamps. Do not use: a dry cloth abrasive products solvents solvent-based cleaning agents You could otherwise scratch or damage the surface of the lenses. G Turn the key to position 0 in the ignition lock before cleaning the windscreen or wiper blades. The windscreen wiper could otherwise be set in motion and injure you. 334 Online Version (Edition F1, 06/03) Operation Care

Distrionic* Restart your vehicle after it has been cleaned. Clean the sensors in the bumper with water, car shampoo and a soft cloth. Parktronic* P 54.70-2226-31 The sensors are located in the front and rear bumpers. ! Do not use dry, coarse or hard cloths and do not scrub. You will otherwise scratch or damage the sensors.

If you clean the sensors using a high-pressure cleaner, only direct it at the sensors for a short period and maintain a minimum distance of 10 cm from the sensors. P 54.65-2444-31 1 Distrionic* cover Turn the key to position 0 in the ignition lock before cleaning. Clean the cover in the radiator grille with water, shampoo and a soft cloth. 1 Parktronic sensors in the front bumper ! Do not use dry, coarse or hard cloths and do not scrub.

You will otherwise scratch or damage the sensors. Online Version (Edition F1, 06/03) 335 Operation Care Trailer tow hitch* Clean the ball coupling and the ball coupling recess if they are dirty or rusted. This will ensure that the ball coupling can be fitted and removed safely and easily. Remove dirt with a clean, lint-free cloth or a brush. Remove any rust using a wire brush.

i Any Mercedes-Benz Service Centre will be pleased to carry out these operations for you. Environmental note H Dispose of oily and greasy cloths in an environmentally-responsible manner. ! Do not clean the ball coupling with a high-pressure cleaner. Do not use solvents. Treat the lock with an oil that is acid and resin free. Check the function of the trailer tow hitch on the vehicle. 336 Online Version (Edition F1, 06/03) Practical advice Where will I find.? This section contains practical advice for possible problems. Warning triangle (Estate) The warning triangle is located in a red box behind the rear side trim on the lefthand side of the luggage compartment. B19_E2 P58.

00-2055-31 Warning triangle Warning triangle (Saloon) Warning triangle 1 is secured on the inside of the boot lid. B18_E2 P68.00-3437-31 1 Warning triangle P 58.00-2028-31 Remove warning triangle 1. 1 Release button 2 Side trim Press release button 1. 1 Warning triangle Turn the latch in the direction of the arrow. Remove the warning triangle. Fold side trim 2 inwards. 338 Online Version (Edition F1, 06/03) Practical advice Where will I find.? Setting up the warning triangle Fold stand 1 out sideways and down.

Pull side reflectors 2 upwards to form a triangle and lock them at the top using press-stud 3. Fire extinguisher* The fire extinguisher is located in the stowage compartment underneath the driver's seat. i The fire extinguisher must be refilled after each use. It should be examined every 1 to 2 years, otherwise it could fail in an emergency. P 68.

00-2797-31 P58.00-2027-31 1 Latch Pull latch 1 upwards. 1 Stand 2 Side reflectors 3 Press-stud Fold the cover forwards. Remove the fire extinguisher. Online Version (Edition F1, 06/03) 339 Practical advice Where will I find.



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? *First-aid kit* The first-aid kit is located in the stowage compartment underneath the frontpassenger seat. i Check the expiry dates of the firstaid kit contents regularly, and replace them if necessary. Saloon Lift the boot floor up and hook the retainer into the top of the boot frame. Vehicle tool kit, jack and spare wheel* P 68.00-2974-31 The vehicle tool kit is located in a stowage compartment underneath the floor of the boot/luggage compartment. Risk of injury Estate G P68.00-3254-31 1 Latch Opening the stowage compartment Pull latch 1 upwards. Fold the cover forwards. Remove the first-aid kit. The jack is only designed for changing a wheel.

If you intend to work under the vehicle, for safety reasons place the vehicle on stands. 1 Release handle Pull release handle 1 and fold up the luggage compartment floor. 340 Online Version (Edition F1, 06/03) Practical advice Where will I find.? Vehicles with additional Easy-Pack luggage compartment floor* Vehicles with folding bench seat* To lock, fold footwell tray 2 back to its original position and push it down until it engages. i On vehicles with a folding bench seat, first remove the folding bench seat cushion (page 114). i To reach the vehicle tool kit, you must first remove the side cover. P68.00-3230-31 F2_E2 B20__P68.00-3449-3 1 Release handle 2 Additional luggage compartment floor Pull release handle 1 and fold the upper luggage compartment floor 2 upwards. Remove additional luggage compartment floor 2.

1 Release handle 2 Footwell tray Pull release handle 1 and fold footwell tray 2 up. 1 Rotary catch 2 Cover Turn rotary catch 1 clockwise to the stop and remove cover 2. P68.00-3231-31 Online Version (Edition F1, 06/03) 341 Practical advice Where will I find.? Vehicles with TIREFIT kit Saloon Estate Vehicles with "Minispare" emergency spare wheel*, collapsible emergency spare wheel*, spare wheel* P 40.

10-2804-31 P 58.10-2068-31 P 58.10-2054-31 1 Vehicle tool kit, jack 2 Electric air pump 3 TIREFIT kit 1 Vehicle tool kit, jack 2 Electric air pump 3 TIREFIT kit 1 Vehicle tool kit, wheel wrench, jack 2 "Minispare" emergency spare wheel*, collapsible emergency spare wheel*, or spare wheel* 3 Mounting i Vehicles with collapsible emergency spare wheel: The electric air pump is under mounting 3. 342 Online Version (Edition F1, 06/03) Practical advice Where will I find.? Removing the "Minispare" emergency spare wheel*, collapsible emergency spare wheel* or spare wheel* Saloon: Remove the luggage well (page 343).

Turn mounting 3 anti-clockwise. Remove "Minispare" emergency spare wheel*, collapsible emergency spare wheel* or spare wheel* 2. P 68.00-2975-31 Removing/fitting the luggage well (Saloon) Removing Fitting N68.00-2979-31 1 Securing clip 2 Luggage well Unscrew securing clips 1 from the securing bolts below by turning them in an anti-clockwise direction. Lift up the luggage well in the area of the securing clips. Remove the luggage well from the boot. Insert the luggage well into the boot in such a way that securing clips 1 are roughly aligned with the securing bolts. Press the front edge of the luggage well in the direction of the arrows under the trim of the loading edge. Turn the securing clips up to the stop on the securing bolts.

Online Version (Edition F1, 06/03) 343 Practical advice Display messages The operating system shows warnings or malfunctions in the multi-function display. Certain messages are accompanied by an audible warning signal or a continuous tone. High-priority messages are highlighted in red in the display. In the following tables, these messages are printed in red. Risk of accident Please respond in accordance with the messages and follow the additional notes in this Owner's Manual. You can acknowledge low-priority messages using the è, ., j or k buttons on the multifunction steering wheel or the reset button on the left-hand side of the instrument cluster. They are then stored in the malfunction memory.



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Highest-priority messages cannot be acknowledged and are automatically stored in the malfunction memory. If you select the Malfunction memory menu in the operating system (page 139), both the acknowledged and the unacknowledged messages appear. Risk of accident G No messages will be displayed if there is a malfunction in the instrument cluster or the multi-function display.

Other systems which significantly affect the vehicle's handling characteristics may have failed. Immediately consult a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. G If you leave the vehicle with SBC Hold/SBC Stop* activated, warning messages will appear in the multi-function display.

In addition, the horn will sound briefly and will get louder if you attempt to lock the vehicle (page 353), (page 361). 344 Online Version (Edition F1, 06/03) Practical advice Display messages i Turning the key to position 2 in the ignition lock or pressing the KEYLESS GO* button twice activates all the warning and indicator lamps (except for the turn signal indicator lamps) and the multifunction display. Please check that they are working properly before commencing a journey. The following tables show all the display messages. The messages are divided into sections to make it easier to find the relevant message: The text-style messages from (page 346) onwards are displayed alphabetically Symbol messages from (page 356) onwards Online Version (Edition F1, 06/03) 345 Practical advice Display messages Text messages Display messages ABS Possible cause/consequence Possible solution Continue driving, but with even greater care.

Visit a qualified specialist workshop immediately which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Otherwise there is a risk of an G accident. Defective! ABS and BAS are deactivated due Visit workshop! to a malfunction. The SBC brake system is still available with complete brake boosting effect but without ABS. 346 Online Version (Edition F1, 06/03) Practical advice Display messages Display messages ABS Possible cause/consequence Possible solution Continue driving, but with even greater care. Visit a qualified specialist workshop immediately which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Otherwise there is a risk of an G accident. Display faulty ABS and BAS or the ABS display Visit workshop! have malfunctioned. Battery protection: Convenience functions temporarily unavailable The battery has insufficient voltage and can no longer supply convenience functions, such as the rear window heating. As soon as the on-board voltage is sufficient, the consumers will come on again. Online Version (Edition F1, 06/03) 347 Practical advice Display messages Display messages Distronic* Possible cause/consequence Possible solution Try activating Distronic* again later. External inter- Distronic* is deactivated and is ference! temporarily not operational. Reactivate! Visit workshop! Distronic* is faulty or the display has failed. Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre.

currently not Distronic* is deactivated if: If necessary, clean the Distronic covavailable er* in the area of the radiator grille. the Distronic cover in the area See Owner's Maof the radiator grille is dirty Then restart the vehicle.



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nual its function is impaired as a re- or sult of heavy rain or fog Distronic* will be operational again without you needing to restart the engine. 348 Online Version (Edition F1, 06/03) Practical advice Display messages Display messages Distronic* Possible cause/consequence Possible solution currently not Distronic* is deactivated if: Distronic* will be operational again without available the Distronic cover in the area you needing to restart the engine if: See Owner's Mathe dirt loosens while you are driving of the radiator grille is dirty nual (e.g. slush) its function is impaired as a result of heavy rain or fog the system has full use of its sensor function (rain easing off, road surface drying) the message in the multi-function display disappears the last speed stored has been flashing in the display for five seconds You can operate Distronic* again in the usual way. Online Version (Edition F1, 06/03) 349 Practical advice Display messages Display messages ESP Possible cause/consequence Possible solution Continue driving, but with even greater care. Visit a qualified specialist workshop immediately which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Otherwise there is a risk of an G accident. Defective! ESP is deactivated due to a malVisit workshop! function. The SBC brake system is still available with complete brake boosting effect but without ESP. 350 Online Version (Edition F1, 06/03) Practical advice Display messages Display messages ESP Possible cause/consequence Possible solution Not available! ESP is deactivated due to a malWith the vehicle stationary, turn the See Owner's Ma- function or voltage failure. steering wheel from lock to lock in ornual der to reset ESP. The SBC brake system is still available with complete brake boosting ! Make sure that you can turn the steering wheel to the lock and that the wheels effect but without ESP. do not touch obstacles such as the kerb. If the ESP message does not go out after several attempts: Continue driving, but with even greater care. Visit a qualified specialist workshop immediately which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose.

In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Otherwise there is a risk of an G accident. Online Version (Edition F1, 06/03) 351 Practical advice Display messages Display messages ESP Possible cause/consequence Possible solution Continue driving, but with even greater care. Visit a qualified specialist workshop immediately which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Otherwise there is a risk of an G accident. Display faulty ESP or the ESP display has malVisit workshop! functioned. 352 Online Version (Edition F1, 06/03) Practical advice Display messages Display messages Please note Possible cause/consequence Possible solution Convenience The on-board voltage is sufficient functions avai- again and the consumers have lable again come on again. Selector lever in park position or You have either switched off the engine or opened the driver's door or the bonnet with SBC Hold/SBC Stop activated. If you switch off the engine and get out of the vehicle or if you open the bonnet with SBC Hold/SBC Stop activated, the horn will also sound intermittently. You have switched off the engine using the KEYLESS GO button* and opened the driver's door.



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Move the selector lever to P. P* Online Version (Edition F1, 06/03) 353 Practical advice Display messages Display messages P/N* Selector lever in position P or N Possible cause/consequence You want to start the engine and the selector lever is not in position P or N. Possible solution Move the selector lever to P or N.

SBC H SBC Stop* Cannot be activated! The conditions for activation of SBC Hold/SBC Stop* are not fulfilled. Release the parking brake. Check the conditions for activation of SBC Hold (page 246)/ SBC Stop* (page 242). Close the driver's door. Start the engine. Close the bonnet. SBC H SBC Stop* Not available! A malfunction has occurred. See Owner's Manual Have the SBC Hold/SBC Stop* checked at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. 354 Online Version (Edition F1, 06/03) Practical advice Display messages Display messages SOS* Possible cause/consequence Possible solution Have the TeleAid* system checked at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. Have the Speedtronic, cruise control or Distronic* system checked as soon as possible at a qualified specialist workshop, e.g.

a Mercedes-Benz Service Centre. defective! One or more of the main TeleAid* Visit workshop! functions is faulty. Visit workshop! Speedtronic, cruise control or Distronic* are faulty. Speedtronic Online Version (Edition F1, 06/03) 355 Practical advice Display messages Symbol messages Display symbol Display messages Vehicle rising! Level selec. cancelled Stop, car too low! Possible cause/consequence The level you have selected will be set for your vehicle. The "raised level" setting is cleared at speeds of 75 mph (120 km/h) and above. The vehicle level control system is faulty. Reactivate the "raised level" setting.

Possible solution @* Avoid large steering angles, otherwise the wing or the tyres could be damaged when you drive on. Listen for scraping sounds. Do not exceed a maximum speed of 50 mph (80 km/h). Drive to the side of the road and select a higher vehicle level. Depending on the type of fault, this may allow you to raise the vehicle. Visit a qualified specialist workshop as soon as possible, e.g.

a Mercedes-Benz Service Centre. Otherwise there is a risk of an G accident. 356 Online Version (Edition F1, 06/03) Practical advice Display messages Display symbol Display messages Possible cause/consequence Possible solution @* Display faulty The display or the system itself has failed. Visit workshop! failed. ! Do not exceed a maximum speed of 50 mph (80 km/h). Have your vehicle checked at a qualified specialist workshop, e.g.

a Mercedes-Benz Service Centre. Visit workshop! Operation of the system may be limited. The display or the system itself has failed. ! Do not exceed a maximum speed of 50 mph (80 km/h). Have your vehicle checked at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. Stop your vehicle safely and immediately. Do not drive any further.

Contact a breakdown service, e.g. a Mercedes-Benz Service Centre. # Battery/ Alternator Stop vehicle! The battery is faulty. The SBC brake system requires electrical energy and its operation is therefore limited. Considerably greater braking force will then be required and the stopping distance will be increased. Online Version (Edition F1, 06/03) 357 Practical advice Display messages Display symbol Display messages Possible cause/consequence Possible solution Stop immediately and check the poly-V-belt. If it is torn: Do not drive any further. Inform the nearest qualified specialist workshop, e.g.

a Mercedes-Benz Service Centre. If it is OK: Have your vehicle checked at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. # Visit workshop! The battery is not being charged.

Possible causes: faulty alternator torn poly-V-belt There is a malfunction in the electronic system Bear in mind that the SBC brake system requires electrical power.



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Observe the additional SBC brake system messages in the multi-function display (page 346). * Trailer tow hitch Check lock mech.! The trailer tow hitch is not correctly engaged. Pull over and engage the ball coupling in the end position.

358 Online Version (Edition F1, 06/03) Practical advice Display messages Display symbol Display messages Exhaust filter in 50 km Carry out service! Possible cause/consequence The diesel particle filter* is full and can no longer be regenerated (selfcleaning). Possible solution Have the diesel particle filter* checked at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre, within the next 30 miles (50 km). Have the service memory checked at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. Have the brake pads replaced as soon as possible. Stop your vehicle safely and immediately. Do not drive any further.

Contact a rescue service, e.g. a Mercedes-Benz Service Centre. 9* 9 2 T Service memory The ASSYST PLUS service memory full cannot save any more data.

See Owner's Manual Brake wear The brake pads have reached their Visit workshop! wear limit. Brake defective! Stop vehicle! The SBC brake system is running in emergency mode. Considerably greater braking force is then required and the stopping distance is increased. The maximum speed is limited to 55 mph (90 km/h). Online Version (Edition F1, 06/03) 359 Practical advice Display messages Display symbol Display messages Reduced braking effect Start engine! Longer stopping distance Start engine! Possible cause/consequence The battery has insufficient voltage and cannot supply sufficient power to the SBC brake system. Possible solution Start the engine.

The message goes out as soon as the engine is running. 3 Reduced braking The SBC brake system is in emergency mode. The full brake system Visit workshop! power is not available. Longer stopping distance Visit workshop! Continue driving, but with even greater care. Visit a qualified specialist workshop as soon as possible which has the necessary specialist knowledge and tools to carry out the work required.

Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Otherwise there is a risk of an G accident. 360 Online Version (Edition F1, 06/03) Practical advice Display messages Display symbol Display messages Brake overheated! Drive carefully! Possible cause/consequence The brake system is very hot due to extreme loads. Possible solution Reduce the load on the brake system.

Drive more carefully. Use the engine brake on downhill gradients. Select a lower gear for this purpose. Continue driving carefully to allow the airflow to cool the brakes. 3 Brake immediately! You have either switched off the engine or opened the driver's door or the bonnet with SBC Hold/ SBC Stop activated. or SBC Hold/SBC Stop has malfunctioned. If you switch off the engine and get out of the vehicle or if you open the bonnet with SBC Hold/SBC Stop activated, the horn will also sound intermittently. Apply the brake. Prevent the vehicle from rolling away when leaving it (page 47). Online Version (Edition F1, 06/03)

361 Practical advice Display messages Display symbol Display messages Possible cause/consequence Possible solution Stop your vehicle safely and immediately.

Do not drive any further. Visit a qualified specialist workshop as soon as possible which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Do not top up the brake fluid. This will not solve the problem. Otherwise there is a risk of an G accident. 3 Brake fluid There is insufficient brake fluid in Visit workshop! the brake fluid reservoir.



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Service brake There is a malfunction. Visit workshop! The SBC brake system is still available with complete brake boosting effect.

Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. 362 Online Version (Edition F1, 06/03) Practical advice Display messages Display symbol Display messages Release parking brake! Rear right backrest not locked Possible cause/consequence You are driving with the parking brake applied. The rear seat backrest is not engaged.

Possible solution Release the parking brake. Engage the rear seat backrest fully (see page 270). Engage the rear seat backrest fully (see page 270). Enter the PIN for your SIM card. ! (Rear left back- The rear seat backrest is not enrest gaged.

not locked t Tel Enter PIN Function Not available! You have not yet entered your details in your mobile phone. You have accidentally pressed the s or t button on the multifunction steering wheel, but your vehicle does not have a mobile phone. This message always appears when the boot lid is opened. È Boot open! Close the boot lid. Online Version (Edition F1, 06/03) 363 Practical advice Display messages Display symbol Display messages Possible cause/consequence Possible solution Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre.*

Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. [] B SRS restraint The seat belt system is faulty. system defective Visit workshop! Water in fuel Visit workshop! Fuel filter Visit workshop! Coolant Check level! The coolant level is too low. Top up the coolant while observing the warning notes (page 310). If coolant has to be topped up frequently, have the coolant system checked at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. 364 Online Version (Edition F1, 06/03) Practical advice Display messages Display symbol Display messages Key Check battery! Possible cause/consequence The KEYLESS GO key batteries are dead.*

Possible solution Change the batteries (page 408). Stop your vehicle as soon as it is safe to do so. Locate the KEYLESS GO key or operate the vehicle using the key. Otherwise switching off the engine prevents you from centrally locking the vehicle or starting the engine. Alter the position of the key in the vehicle. Operate the vehicle with the key if necessary. I Key The KEYLESS GO key* not recognised! is not detected while the engine is running because: the key is not in the vehicle there is a malfunction due to a powerful radio source Key The KEYLESS GO key* cannot be not recognised! detected. Key still in vehicle! Replace key The key has been detected in the vehicle during locking. The key is no longer working. Remove the key from the vehicle.*

Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. Online Version (Edition F1, 06/03) 365 Practical advice Display messages Display symbol Display messages Coolant Stop, engine off! Possible cause/consequence The coolant is too hot. Possible solution Do not drive any further. Wait until the message disappears before re-starting the engine. You could otherwise damage the engine. Ì The poly-V-belt may be torn. Stop immediately and check the polyV-belt. If it is torn: do not drive any further and notify a qualified specialist workshop, e.

g. a Mercedes-Benz Service Centre. If it is OK: Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. Ï Coolant The cooling fan for the coolant is Visit workshop! faulty. Observe the coolant temperature gauge. Have the fan replaced as soon as possible. 366 Online Version (Edition F1, 06/03) Practical advice Display messages Display symbol Display messages Dipped beam, left Dipped beam, right Rear left turn signal Back-up lamp on! Rear right turn signal Back-up lamp on! Turn signal in left-hand mirror Turn signal in right-hand mirror Possible cause/consequence The left dipped-beam headlamp is faulty.



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The right dipped-beam headlamp is faulty.

The rear left turn signal is faulty. Another lamp has taken over its function. The rear right turn signal is faulty. Another lamp has taken over its function. The left turn signal in the exterior mirror is faulty.

This message will only appear if all LEDs have failed. The right turn signal in the exterior mirror is faulty. This message will only appear if all LEDs have failed. Possible solution Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre.

Have the LEDs replaced as soon as possible. Have the LEDs replaced as soon as possible. . Online Version (Edition F1, 06/03) 367 Practical advice Display messages Display symbol Display messages Front left turn signal Back-up lamp on! Front right turn signal Back-up lamp on! Possible cause/consequence The front left turn signal is faulty. Another lamp has taken over its function. The front right turn signal is faulty. Another lamp has taken over its function.

Possible solution Change the bulb as soon as possible. . Change the bulb as soon as possible.

Brake lamp The brake lamp does not come on Visit workshop! immediately or is on continuously. Left-hand brake lamp Back-up lamp on! Right-hand brake lamp Back-up lamp on! The left brake lamp is faulty. This message will only appear if all LEDs have failed. Another lamp has taken over its function. The right brake lamp is faulty.

This message will only appear if all LEDs have failed. Another lamp has taken over its function. Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre.

Have the LEDs replaced as soon as possible. Have the LEDs replaced as soon as possible. 368 Online Version (Edition F1, 06/03) Practical advice Display messages Display symbol Display messages 3rd brake lamp Possible cause/consequence The third brake lamp is faulty. This message will only appear if all LEDs have failed. The left rear brake lamp is faulty. This message will only appear if all LEDs have failed. Another lamp has taken over its function. The right brake lamp is faulty. This message will only appear if all LEDs have failed. Another lamp has taken over its function.

The left main-beam headlamp is faulty. The right main-beam headlamp is faulty. Possible solution Have the LEDs replaced as soon as possible. Have the LEDs replaced as soon as possible. . Rear left brake lamp Back-up lamp on! Rear right brake lamp Back-up lamp on! Main beam, left Main beam, right Have the LEDs replaced as soon as possible. Change the bulb as soon as possible. Change the bulb as soon as possible. Visit a qualified specialist workshop as soon as possible, e.g.

a Mercedes-Benz Service Centre. Display faulty The lighting display has failed. Visit workshop! Online Version (Edition F1, 06/03) 369 Practical advice Display messages Display symbol Display messages Left-hand licence plate lamp Right-hand licence plate lamp Hdlamp cornering Hdlamp cornering Back-up lamp on! Possible cause/consequence The left licence plate lamp is faulty. Possible solution Change the bulb as soon as possible. .

The right licence plate lamp is faulty. The active cornering light is faulty. Change the bulb as soon as possible. Visit a qualified specialist workshop as soon as possible, e.g.

a Mercedes-Benz Service Centre. Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. Change the bulb as soon as possible. The active cornering light is faulty. Another lamp has taken over its function.

Hdlamp The active cornering light has cornering failed.



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Defective! Visit workshop! Front left-hand foglamp Front right-hand foglamp The left front foglamp is faulty. The right front foglamp is faulty. Change the bulb as soon as possible. 370 Online Version (Edition F1, 06/03) Practical advice Display messages Display symbol Display messages Rear foglamp Possible cause/consequence The rear foglamp is faulty. Possible solution Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. . Rear left foglamp Rear right foglamp Left-hand reversing lamp Right-hand reversing lamp Left-hand tail lamp Back-up lamp on! Right-hand taillamp Back-up lamp on! The left rear foglamp is faulty. The right rear foglamp is faulty. The left reversing lamp is faulty. The right reversing lamp is faulty. The left tail lamp is faulty. Another lamp has taken over its function. The right tail lamp is faulty. Another lamp has taken over its function. Online Version (Edition F1, 06/03) 371 Practical advice Display messages Display symbol Display messages Front left parkg lamp Back-up lamp on! Front right parkg lamp Back-up lamp on! Possible cause/consequence The front left parking lamp is faulty. Another lamp has taken over its function. The front right parking lamp is faulty. Another lamp has taken over its function. Possible solution Change the bulb as soon as possible. . Change the bulb as soon as possible. Light sensor The light sensor is faulty. The lights Visit workshop! switch on automatically. Switch the lights back to manual control in the operating system (page 149). Switch on the lights by using the light switch. Y* Bonnet open! Only for vehicles with anti-theft alarm system*: You are driving with the bonnet open. Close the bonnet (page 306). 372 Online Version (Edition F1, 06/03) Practical advice Display messages Display symbol Display messages Add 1 litre engine oil when next refuelling Engine oil level Stop, engine off! Engine oil level Reduce oil level! Possible cause/consequence The engine oil level is too low. Possible solution Check the engine oil level (page 308) and top up the oil if necessary. Stop your vehicle safely and immediately. Switch off the engine. Top up the engine oil. : There is no oil in the engine. There is a danger of engine damage. You have added too much engine oil. There is a risk of damaging the engine or catalytic converter. Siphon off the oil. Observe the legal requirements. Engine oil The engine oil level has dropped to Visit workshop! a critical level. Check the engine oil level (page 308) and top up the oil if necessary. Have the engine checked for leaks if the engine oil needs topping up more often than usual. The oil contains water. Engine oil The measuring system is malfunctioning. Visit workshop! Have the oil checked. Have the measuring system checked at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. Online Version (Edition F1, 06/03) 373 Practical advice Display messages Display symbol Display messages Tyre pressure Caution Tyre defect Possible cause/consequence At least one of the tyres is deflating quickly. Possible solution Stop the vehicle without making any sudden steering or braking manoeuvres. Pay attention to the traffic conditions. Repair or change the wheel (page 415). X* Tyre pressure Check tyres! The pressure in one or more tyres has dropped significantly.



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Stop the vehicle without making any sudden steering or braking manoeuvres. Pay attention to the traffic conditions. Repair or change the wheel (page 415). Tyre pressure Check tyres! Tyre press. monitor activated! Tyre pressure displayed only after driv. a few mins. The pressure in one or more tyres is too low.

The tyre pressure monitoring system* stores the current pressure values. Check the tyre pressure and correct it if necessary (page 314). 374 Online Version (Edition F1, 06/03) Practical advice Display messages Display symbol Display messages Reactivate tyre press. monitor Possible cause/consequence There is a tyre pressure warning message. The tyre pressure in one or more tyres has been increased by more than 0.3 bar. Possible solution Activate the tyre pressure monitoring system* (page 315). X* Tyre press. mo- The tyre pressure monitoring system* is sometimes deactivated because: the additional wheel electronics have been fitted to the vehicle the maximum temperature on the wheel electronics has been exceeded there is interference from a radio source unknown wheel electronics have been fitted Remove the additional wheel electronics from the vehicle. The tyre pressure monitoring system will be automatically reactivated once the causes are no longer present.

Online Version (Edition F1, 06/03) 375 Practical advice Display messages Display symbol Display messages Tyre press. monitor Visit workshop! Possible cause/consequence The tyre pressure monitoring system* or wheel electronics is faulty. A tyre has been fitted without wheel electronics. Possible solution Have the tyre pressure monitoring system* checked at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. Have the wheels checked. Stop the vehicle without making any sudden steering or braking manoeuvres. Pay attention to the traffic conditions. Repair or change the wheel (page 415).

X* Tyre pressure, FL Caution Tyre defect The front left tyre is deflating quickly. Tyre pressure, FL Check tyres! The pressure in the front left tyre is too low. Stop the vehicle. Pay attention to the traffic conditions. Check the tyre.

Check the tyre pressure and correct it. Tyre pressure, FR Caution Tyre defect The front right tyre is deflating quickly. Stop the vehicle without making any sudden steering or braking manoeuvres. Pay attention to the traffic conditions. Repair or change the wheel (page 415).

376 Online Version (Edition F1, 06/03) Practical advice Display messages Display symbol Display messages Tyre pressure, FR Check tyres! Possible cause/consequence The pressure in the front right tyre is too low. Possible solution Stop the vehicle. Pay attention to the traffic conditions. Check the tyre. Check the tyre pressure and correct it. X* Tyre pressure, RL Caution Tyre defect The rear left wheel is deflating quickly. Stop the vehicle without making any sudden steering or braking manoeuvres. Pay attention to the traffic conditions. Repair or change the wheel (page 415). Tyre pressure, RL Check tyres! The pressure in the rear left wheel is too low.

Stop the vehicle. Pay attention to the traffic conditions. Check the tyre. Check the tyre pressure and correct it. Tyre pressure, RR Caution Tyre defect The rear right tyre is deflating quickly. Stop the vehicle without making any sudden steering or braking manoeuvres. Pay attention to the traffic conditions. Repair or change the wheel (page 415). Online Version (Edition F1, 06/03) 377 Practical advice Display messages Display symbol Display messages Tyre pressure,

RR Check tyres! Tailgate open! Close slid./tilt.

sunroof! Close slid./tilt. sunroof! Door open Reserve fuel Possible cause/consequence The pressure in the rear right tyre is too low. Possible solution Stop the vehicle. Pay attention to the traffic conditions.

Check the tyre. Check the tyre pressure and correct it. X* & K J V W You are about to pull away but the tailgate is not closed.



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You have removed the key from the ignition lock with the sliding/tilting sunroof still open. You have removed the key from the ignition lock with the sliding/tilting sunroof still open.

You are about to pull away but not all the doors are closed. The fuel level has fallen into the reserve range. Close the tailgate. Close the sliding/tilting sunroof if necessary using the switch in the overhead control panel (page 213). Close the sliding/tilting sunroof if necessary using the switch in the overhead control panel (page 213). Close the doors. Refuel at the nearest filling station (page 303). 378 Online Version (Edition F1, 06/03) Practical advice Display messages Display symbol Display messages Display faulty Visit workshop! Possible cause/consequence The displays for one or more systems have failed. Possible solution Continue driving, but with even greater care. Visit a qualified specialist workshop as soon as possible, e.

g. a Mercedes-Benz Service Centre. U ± Engine Service There may be a malfunction: in the fuel injection system in the ignition system in the exhaust system Have the engine checked as soon as possible at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. ± Display faulty Visit workshop! One or more electronic systems are unable to deliver information to the operating system. The following systems may have failed: Coolant temperature gauge Rev counter Cruise control or Speedtronic display W Washer fluid Check level! The washer fluid level has dropped to approximately 1/3 of the reservoir capacity.

Top up the windscreen washer fluid (page 311). Online Version (Edition F1, 06/03) 379 Practical advice Troubleshooting Problem The anti-theft alarm system is suddenly triggered. Possible cause You opened the vehicle using the emergency key element while the alarm system was still primed. Suggested solutions Switch the anti-theft alarm system off. Insert the key in the ignition lock.*

or Press the OE or [button on the remote control. or Press the KEYLESS GO button on the selector lever. The key must be inside the vehicle. Long brake pedal travel, low brake pedal resistance. The SBC brake system was activated- Pedal travel/resistance returns to normal via the brake pedal mal when you depress the brake pedal again.*

The engine was started SBC brake system in emergency mode Observe the additional messages in the multi-function display (page 346). 380 Online Version (Edition F1, 06/03) Practical advice Troubleshooting Problem The brake pedal pulsates. You hear a warning signal. Possible cause The SBC brake system pump runs while the brake pedal is depressed. A message appears in the multi-function display. You are driving with the parking brake on. You have forgotten to switch off the lights. After switching off the engine, you did not move the selector lever to P and opened the driver's door. You have not fastened the seat belt. Suggested solutions Observe the notes (page 346).

Release the parking brake (page 47). Turn the light switch to 0. Move the selector lever to P. Put on the seat belt (page 43). Do not use too much throttle. Have the cause traced and rectified immediately at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. The engine is not running smoothly and is misfiring. An ignition cable may be damaged.

There may be a malfunction in the engine electronics. Unburnt petrol may flow into the catalytic converter and cause damage. Online Version (Edition F1, 06/03) 381 Practical advice Troubleshooting Problem The engine will not start. Possible cause There may be a malfunction in the engine electronics. There may be a malfunction in the fuel supply.

Suggested solutions Turn the key back to position 0 in the ignition lock before the next starting attempt. Repeat the starting procedure (page 45). Remember that excessively long attempts to start the engine will drain the battery.



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Jump-start the vehicle (page 432). If the engine does not start after several attempts, consult a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. 382 Online Version (Edition F1, 06/03) Practical advice Troubleshooting Problem A coolant temperature over +120 °C is displayed. Possible cause The coolant is too hot and the engine is no longer being cooled. Suggested solutions Stop at the next opportunity and allow the engine and the coolant to cool down. Check the coolant level paying careful attention to the warning notes and top up if necessary (page 310). Petrol is leaking from the vehicle. Do not start the engine under any circumstances. Consult a qualified specialist workshop, e.g.

a Mercedes-Benz Service Centre. You have had an accident. You are unable to determine the extent of the damage. The engine cannot be switched off. Consult a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. Open the main fuse box (page 439). Pull out the two fuses marked MOTOR NOT AUS. Online Version (Edition F1, 06/03) 383 Practical advice Troubleshooting Problem An exterior mirror has been displaced forwards or backwards by force.

Possible cause Suggested solutions Briefly press the mirror retracting button (page 176) repeatedly until you hear a distinct click. The mirror housing is engaged once more and you can adjust the mirror as usual (page 39). A side window will not close. An object has become trapped between the window and the window frame. Open the side window again.

Remove the object. Pull appropriate switch 1 to 4 (page 211) beyond the pressure point and release it. Pull appropriate switch 1 to 4 (page 211) beyond the pressure point until the window is closed. You cannot see the cause. 384 Online Version (Edition F1, 06/03) Practical advice Troubleshooting Problem Possible cause Suggested solutions Open the side window again.

Remove the object. Pull switch 1 (page 211) beyond the pressure point and release it. Pull switch 1 (page 211) beyond the pressure point until the window is closed. or Pull switch 1 (page 211) beyond the pressure point within five seconds and release it. The driver's door window does not An object has become trapped between the window and the window frame. Pull switch 1 (page 211) beyond the pressure point and then reframe. Release it. You cannot see the cause. Online Version (Edition F1, 06/03) 385 Practical advice Troubleshooting Automatic transmission Problem Problems with gearshifts. Possible cause The transmission is losing oil. Suggested solutions Have the transmission checked at a qualified specialist workshop, e.g.*

your Mercedes-Benz Service Centre, immediately Stop the vehicle. Move the selector lever to P. Switch off the engine. Wait at least ten seconds before restarting the engine. Move the selector lever to position D (2nd gear) or R. Have the transmission checked at a qualified specialist workshop, e.g. your Mercedes-Benz Service Centre, immediately. The acceleration ability is deteriorating.

The transmission no longer changes gear. The transmission is in emergency mode. You can only shift to 2nd and reverse gears. 386 Online Version (Edition F1, 06/03) Practical advice Troubleshooting Key Problem The key cannot be turned in the ignition lock. Possible cause The key has been in position 0 for a considerable period of time.

Suggested solutions Remove the key and re-insert it in the ignition lock. Check the starter battery and charge it if necessary. Jump-start the vehicle. You cannot lock or unlock the vehicle using the key. The key batteries are dead.

Check the key batteries (page 407) and change them if necessary (page 408). Unlock the doors using the emergency key element (page 402). Unlock the boot using the emergency key element (page 403). The battery check lamp on the key does not light up when tested. The key batteries are dead. Change the batteries (page 408). You can obtain batteries from any Mercedes-Benz Service Centre.



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There is a fault with the key. Online Version (Edition F1, 06/03) 387 Practical advice Troubleshooting Problem You have lost the key. Possible cause Suggested solutions Have the key cancelled at a Mercedes-Benz Service Centre.

Report the loss immediately to the vehicle insurers. If necessary, have the manual locks changed too. Any Mercedes-Benz Service Centre will be happy to provide replacements. You have lost the emergency key element. Report the loss immediately to the vehicle insurers. If necessary, have the manual locks changed too. Any Mercedes-Benz Service Centre will be happy to provide replacements. 388 Online Version (Edition F1, 06/03) Practical advice Troubleshooting KEYLESS GO Problem The vehicle does not start using the KEYLESS GO key* and the selector lever button. Possible cause It is more difficult to recognise the key if a door is open. The vehicle only starts when you depress the brake.*

There is interference from another radio source. You cannot lock or unlock the vehicle using the KEYLESS GO key. The KEYLESS GO key* batteries are dead. There is a fault with KEYLESS GO*. Suggested solutions Close the door and restart the engine.*

Depress the brake pedal and press the KEYLESS GO button. Start your vehicle with the key if necessary. Check the KEYLESS GO key* batteries (page 88) and change them if necessary (page 408). Unlock the doors using the key (page 30). Unlock the boot using the key (page 30).*

Online Version (Edition F1, 06/03) 389 Practical advice Troubleshooting Problem Possible cause Suggested solutions Change the batteries (page 408). You can obtain batteries from any Mercedes-Benz Service Centre. Have the KEYLESS GO key cancelled at a Mercedes-Benz Service Centre. Report the loss immediately to the vehicle insurers. If necessary, have the manual locks changed too. Any Mercedes-Benz Service Centre will be happy to provide replacements. The battery check lamp in the KEYLESS The KEYLESS GO key* batteries are GO key* does not light up when tested. dead. You have lost the KEYLESS GO key*. 390 Online Version (Edition F1, 06/03) Practical advice Troubleshooting Windscreen wipers Problem The windscreen wipers are jammed.*

Possible cause Leaves or snow, for example, may be obstructing the windscreen wipers. The wiper motor has been deactivated. Suggested solutions For safety reasons you should first remove the key from the ignition lock. Remove the cause of the obstruction. Switch on the windscreen wipers again. The windscreen wipers do not work. Select the next higher wiper speed on the combination switch. Have the windscreen wipers checked at the nearest qualified specialist workshop, e.g. your Mercedes-Benz Service Centre.

Online Version (Edition F1, 06/03) 391 Practical advice Troubleshooting Flashing switches and buttons Problem Possible cause Suggested solutions The seat ventilation will automatically switch back on as soon as there is sufficient voltage again. One or all of the lamps in the seat ven- There is insufficient voltage because tilation* switch are flashing. too many consumers are switched on. The seat ventilation* has switched off automatically. One or both of the lamps in the seat heating* switch are flashing.*

There is insufficient voltage because The seat heating will automatically too many consumers are switched on. switch back on as soon as there is suffiThe seat heating* has switched off au- cient voltage again. tomatically. Have the cooling system checked at a qualified specialist workshop, e.g. your Mercedes-Benz Service Centre. The ACOFF buton on the automatic air The cooling system is losing refrigerconditioning flashes when you press it. ant. The compressor has switched itself off. The cooling system cannot be switched on. 392 Online Version (Edition F1, 06/03) Practical advice Troubleshooting Problem Possible cause Suggested solutions The rear window heating will automatically switch back on as soon as there is sufficient voltage again.*



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The rear window heating switches off. There is insufficient voltage because too soon and the indicator light is flash- too many consumers are switched on. ing. The rear window heating has switched off automatically. The PASSENGER AIRBAG OFF warning lamp in the centre console lights up.

A child seat is fitted to the front-passenger seat. The front-passenger airbag has therefore been deactivated. There is no child seat fitted to the frontpassenger seat. The child seat recognition has malfunctioned. The TeleAid* indicator lamp lights up while you are driving the vehicle. The emergency call system has malfunctioned. If the indicator lamp goes out again after some time, the system has developed a temporary error. The TeleAid* indicator lamp does not light up after the ignition has been switched on. The emergency call system has malfunctioned. Have the child seat recognition checked at a qualified specialist workshop, e.

g, a Mercedes-Benz Service Centre. Have the TeleAid* system checked at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. Have the TeleAid* system checked at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. Online Version (Edition F1, 06/03) 393 Practical advice Troubleshooting Problem Possible cause Suggested solutions Have the Parktronic* system checked as soon as possible at a qualified specialist workshop, e.g.

a Mercedes-Benz Service Centre. Only the red segments in the Parktron- Parktronic* has malfunctioned and has ic* warning displays light up. You also switched itself off. hear an audible warning. Parktronic* switches off after 30 seconds and the indicator lamp on the Parktronic* switch lights up. Only the red segments in the Parktron- The Parktronic* sensors are dirty or ic* warning displays light up. there is interference. Clean the Parktronic* sensors (page 335). Then switch on the ignition again. This may be caused by an external source of radio or ultrasound waves.

Parktronic* switches off after 20 seconds. Check Parktronic* in a different location. 394 Online Version (Edition F1, 06/03) Practical advice Troubleshooting Lamps in the instrument cluster Problem Possible cause The yellow ABS/ESP warning lamp lights up while you are driving. ESP is switched off. Suggested solutions Switch ESP back on (page 80). Adapt your driving style to suit the current road and weather conditions. Otherwise there is a risk of an G accident. Adapt your driving style to suit the current road and weather conditions. Only depress the accelerator pedal as far as necessary when pulling away. Release the accelerator pedal while you are driving.

Do not deactivate ESP (exceptions: (page 80)). Otherwise there is a risk of an G accident. v v ESP, ABS or traction control is active The yellow ABS/ESP warnbecause at least one of the wheels has ing lamp flashes while you reached its tyre grip limit. are driving. Distronic* is deactivated.

Online Version (Edition F1, 06/03) 395 Practical advice Troubleshooting Problem Possible cause The yellow ABS indicator lamp lights up while you are driving. ABS is deactivated due to a fault. This means that ESP and BAS are also deactivated (see the messages in the multifunction display). The SBC brake system is still available with complete brake boosting effect but without ABS. Suggested solutions Continue driving, but with even greater care.

Visit a qualified specialist workshop as soon as possible, e.g. a Mercedes-Benz Service Centre. Otherwise there is a risk of an G accident. Increase the distance. - l l The red distance warning lamp lights up while you are driving. The red distance warning lamp lights up while you are driving and you can hear a warning. The distance to the vehicle in front is too short for the speed selected. You are approaching a vehicle in front at too great a speed. The distance warning system has detected a stationary obstacle in your line of travel.

Be prepared to brake immediately. Pay careful attention to the traffic situation.



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If necessary, you may have to brake or take evasive action. 396 Online Version (Edition F1, 06/03) Practical advice Troubleshooting Problem Possible cause The restraint systems are faulty. The red SRS indicator lamp airbags or belt tensioners may be triggered unintentionally or not at all in the event of an accident. You are driving with the parking brake The red brake system indicator lamp lights up and you hear an audible signal. The red brake system indicator lamp lights up while you are driving. There is a malfunction in the SBC brake system.

Suggested solutions Drive carefully to the nearest qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. Release the parking brake (page 47). 1 3 3 Observe the additional messages in the multi-function display (page 346).

Online Version (Edition F1, 06/03) 397 Practical advice Troubleshooting Problem Possible cause The red brake system indicator lamp lights up while you are driving. There is insufficient brake fluid in the fluid reservoir. Suggested solutions Do not drive any further. Consult a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose.

In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Under no circumstances should you top up the brake fluid. This will not solve the problem. Otherwise there is a risk of an G accident. Observe the additional messages in the multi-function display (page 346). 3 398 Online Version (Edition F1, 06/03) Practical advice Troubleshooting Problem Possible cause There is insufficient coolant in the reservoir. The red coolant warning lamp lights up while the engine is running. If this warning lamp remains lit, there may be a leak in the cooling system. If the coolant level is correct, the radiator fan may be faulty. Suggested solutions Top up the coolant immediately, otherwise the engine could overheat (page 310).

Have the cooling system checked. If the coolant temperature is below 125 °C, you may drive on to the next Mercedes-Benz Service Centre. Avoid heavy loads on the engine (e.g. driving in mountainous terrain) and stop/start driving. The red coolant warning lamp lights up while you are driving and you can hear a warning signal. The coolant temperature has exceeded 125 °C. Stop at the next opportunity and allow the engine and the coolant to cool down. Online Version (Edition F1, 06/03) 399 Practical advice Troubleshooting Problem Possible cause The yellow engine diagnostic indicator lamp lights up while you are driving. There is a malfunction: in the fuel injection system in the exhaust system or in the ignition system on vehicles with petrol engine The emission limit values may be exceeded and the engine may be running in emergency mode.

The fuel tank has run dry. Suggested solutions Have the vehicle checked as soon as possible at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. ± Start the engine three to four times after refuelling.

Emergency mode will be cancelled. You do not have to have your vehicle checked. The yellow reserve fuel warning lamp lights up while you are driving. The fuel level has fallen into the reserve range. Safe operation of the auxiliary heating* can no longer be guaranteed.

Refuel at the nearest filling station (page 303). 400 Online Version (Edition F1, 06/03) Practical advice Troubleshooting Problem Possible cause The red seat belt warning lamp lights up after you start the engine and an intermittent signal sounds. The warning lamp is to remind you to that all occupants must put on their seat belts. It lights up if the driver or front passenger have not fastened their seat belts and: the engine is running and the driver's and the front-passenger doors are closed In addition, an intermittent warning sounds for a maximum 93 seconds if a speed of 15 mph (25 km/h) is exceeded.



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There are objects on the front-passenger seat. Suggested solutions Put on the seat belt. The warning lamp goes out and the intermittent signal ceases. [Remove the objects from the frontpassenger seat or fasten the seat belt around them. The warning lamp goes out and the intermittent signal ceases. 1 Belt warning is not available in all countries.

Online Version (Edition F1, 06/03) 401 Practical advice Locking/unlocking in an emergency Unlocking the driver's door If you can no longer lock or unlock the driver's door using the key, use the emergency key element. P 72.10-2363-31 Unlocking the vehicle i The anti-theft alarm system will be triggered if you open your vehicle using the emergency key element. There are several ways of disabling the alarm: Press the OE or [button on the key. Insert the key in the ignition lock. Press the KEYLESS GO button* (page 32). P 80.35-2079-31 3 To unlock 4 To lock Unlock the door using the emergency key element. To do this, slide the emergency key element to the stop in the lock and turn it anti-clockwise. 1 Emergency key element 2 Emergency key element release catch Pull release catch 2 in the direction of the arrow and at the same time remove emergency key element 1 completely from the key.*

402 Online Version (Edition F1, 06/03) Practical advice Locking/unlocking in an emergency If the boot lid cannot be closed with the boot lid remote control, push down on the edge of the boot lid until it engages. E2_F1 Locking the vehicle If the vehicle can no longer be locked using the key, lock it as follows: Close the front-passenger door. Press the central locking button in the cockpit (page 104). Check whether the locking knob on the front-passenger door is still visible. Press it down manually if necessary.

Lock the driver's door using the emergency key element. Lock the boot using the emergency key element if necessary. Unlocking the boot (Saloon) If you can no longer unlock the boot lid using the key, use the emergency key element. B24_P80.20-257731 i The anti-theft alarm system will be triggered if you open your vehicle using the emergency key element.*

There are several ways of disabling the alarm: Press the OE or [button on the key. Insert the key in the ignition lock. Press the KEYLESS GO button (page 32). Boot lock 1 Basic setting 2 To unlock the boot Turn the emergency key element anti-clockwise as far as the stop to position 2 and pull the boot lid handle to open the boot. ! The boot lid automatically swings upwards. Always make sure that there is sufficient clearance. Online Version (Edition F1, 06/03) 403 Practical advice Locking/unlocking in an emergency Automatically extending Easy-Pack luggage compartment floor* E2_F1 B22_P68.00-3450-31 E2_F1 B22+I_P68.00-3456-31 i If the luggage compartment floor is extended, you can slide it back to its normal position in an emergency using the crank in the glove compartment. Fold the rear bench seat backrest (page 268) forward.*

Remove the stowage box from the vehicle (page 279). 1 Cover 2 To slide the cover forwards 3 To raise the cover Raise cover 1 upwards away from 3 and pull it forwards out of latch 2. 1 Luggage compartment floor 2 Hexagon socket screw 3 Crank Take crank 3 out of the glove compartment. Insert crank 3 in hexagon socket screw 2. Turn hexagon socket screw 2 anticlockwise a quarter of a turn. 404 Online Version (Edition F1, 06/03) Practical advice Locking/unlocking in an emergency Slide luggage compartment floor 1 manually into the luggage compartment as far as the stop. Turn hexagon socket screw 2 clockwise to tighten it again. Fuel filler flap emergency release Sliding/tilting sunroof*, panorama sliding sunroof* Opening/closing the sliding/tilting sunroof/panorama sliding sunroof manually ! Make sure that luggage compartment floor 1 is fully inserted and the screw is fully tightened. You may otherwise damage the mechanism/hydraulics of luggage compartment floor 1 or the tailgate.*



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Refit the cover.

Fold back the rear bench seat backrest (page 273). P 47.00-2058-31 The drive is located behind the front overhead control panel. 1 Release catch Remove the trim inside the boot on the right-hand side. Turn key 1 clockwise to the stop.

Open the fuel filler flap. 1 Cover Press on cover 1 in the direction of the arrow. Cover 1 disengages from its anchorage. Remove cover 1. P 65. 10-2346-31 Online Version (Edition F1, 06/03) 405 Practical advice Locking/unlocking in an emergency Resetting the sliding/tilting sunroof (see page 216). Resetting the panorama sliding sunroof (see page 220). P 65.10-2256-31 Open the stowage compartment in the centre console. Remove the cup holder. Keep the lid at an angle of 45°. Push a suitable object 1 (e.g. a pencil) through the hole and press it downwards. Move the selector lever out of position P while pushing the pencil downwards.*

Remove pencil 1. The selector lever can now shift freely to any position until it is returned to position P. Releasing the parking lock manually In the event of an electrical fault, you can release the selector lever lock manually to move it out of position P, e.g. if you wish to tow the vehicle. 1 To open 2 Crank Take crank 2 out of the glove compartment. Insert the crank in the hexagon socket underneath opening 1. Open or close the roof by turning the crank in the appropriate direction. The sliding/tilting sunroof/panorama sliding sunroof must be reset if it has been opened or closed manually. P 27.

60-2225-31 1 Pencil 406 Online Version (Edition F1, 06/03) Practical advice Changing the batteries Changing the batteries If the batteries in the remote control or KEYLESS GO key are dead, you will only be able to lock or unlock the vehicle using the emergency key element (page 402). If the batteries in the auxiliary heating* remote control are dead, you will only be able to switch the auxiliary heating on or off using the switch in the vehicle (page 208). It is best to have the batteries changed at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.*

Risk of poisoning G i Always replace the batteries in pairs. You can obtain suitable batteries from a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. They will also change batteries for you and take back old batteries.

In many EU countries and some other countries, retailers are legally obliged to take back old batteries. Batteries contain toxic and caustic substances. For this reason, keep batteries away from children. If a battery is swallowed, consult a doctor immediately. Environmental note H Do not dispose of batteries with the household rubbish. They contain highly toxic substances. Take discharged batteries to a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre, or to a special collection point for old batteries. Online Version (Edition F1, 06/03) 407 Practical advice Changing the batteries Pull battery tray 2 out of the remote control in the direction of the arrow.

Using a lint-free cloth, push new batteries 3 underneath contact spring 4 with the positive terminal facing upwards. Push the battery tray back into the housing until the battery tray engages. E2_F1 B21__P80.35-2174-21 P 20.85-2080-31 Check the function of all buttons on the remote control on the vehicle. Remote control You need two Varta or Panasonic 3 volt round cell CR 2025 batteries. i When inserting the batteries, ensure that they are clean and fluff-free. 1 Emergency key element 2 Battery tray Pull out emergency key element 1 (page 402). Press the grey release catch on the side of battery tray opening 2 using the emergency key element 1. The battery tray 2 is unlatched.

Example illustration 3 Battery 4 Contact spring Remove the old batteries from battery tray 2. Push new batteries 3 underneath contact spring 4 with the positive terminal facing upwards. Use a lintfree cloth to do so. 408 Online Version (Edition F1, 06/03) Practical advice Changing the batteries Insert new batteries 2.



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Observe the plus and minus signs in the remote control.

Slide battery cover 1 back onto the remote control. Check the auxiliary heating functions by using the remote control on the vehicle. Auxiliary heating remote control P 20.85-2081-31 i When inserting the batteries, ensure that they are clean and fluff-free. 1 Battery cover 2 Batteries Slide off battery cover 1. Remove old batteries 2. Online Version (Edition F1, 06/03) 409 Practical advice Changing the bulbs Bulbs and lamps are an important aspect of vehicle safety. You must therefore make sure that all bulbs function correctly at all times. i If one of the following bulbs blows, another bulb will take over its function: Turn signals Brake lamps Side lamps Tail lamps P 54.00-2320-31 Front bulbs Bulb 1 Additional turn signal 2 Turn signals 3 Dipped-beam headlamps 1 4 Main-beam headlamps Side lamps, parking lamps 5 Front foglamps Type LEDs PY, 21 W H7, 55 W H7, 55 W W5W H1, 55 W P 54.00-2285-31 Overview (Estate) Overview (Saloon) 1 D2S 35W bulbs are required for vehicles with xenon headlamps*. You must not change xenon bulbs yourself. 410 Online Version (Edition F1, 06/03) Practical advice Changing the bulbs Rear bulbs Risk of injury Bulb 6 Third brake lamp 7 Rear foglamp Tail lamps and parking lamps Reversing lamp Brake lamps Type LEDs HiP HiP HiP HiP LEDs* Turn signals 8 Licence plate illumination HiP C5W Keep bulbs out of the reach of children. Never use a bulb which has been dropped. Such a bulb may explode and injure you.*

H7 bulbs are pressurised and may explode when they are changed. You should therefore wear eye protection and gloves when you are changing them. G Risk of injury G Bulbs and lamps can be very hot. You should therefore allow them to cool down before you change them. Xenon bulbs carry a high voltage. Do not change xenon bulbs yourself, but have them replaced at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Online Version (Edition F1, 06/03) 411 Practical advice Changing the bulbs Before changing bulbs Only fit 12 volt bulbs of the same type as before and of the correct wattage. Switch the lights off before changing a bulb to prevent a short-circuit. Only hold bulbs with a clean, lintfree cloth. Do not work with wet or greasy fingers. If the new bulb still does not light up, consult a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Have the LEDs changed at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. This applies to the following lights: the additional turn signals in the exterior mirrors: the third brake lamp the brake lamps Have xenon headlamps changed at a qualified specialist workshop. Press down on the bulb, turn it anticlockwise and remove it from the holder.*

Press the new bulb into the holder and screw it in clockwise. Place the bulb holder in the lamp and turn it clockwise. Changing the front bulbs P 82.10-2897-31 Changing the main-beam headlamps Switch off the lighting. Open the bonnet (page 306). 1 Bulb holder for turn signal 2 Bulb holder for main-beam headlamps 3 Side lamps and parking lamps Turn bulb holder 2 with bulb anticlockwise and remove it. Press down on the bulb, turn it anticlockwise and remove it from the holder. Changing the front turn signal bulbs Switch off the lighting. Open the bonnet (page 306). Turn bulb holder 1 with bulb anticlockwise and remove it.

412 Online Version (Edition F1, 06/03) Practical advice Changing the bulbs Press the new bulb into the holder and screw it in clockwise. Place the bulb holder in the lamp and turn it clockwise. Changing the rear bulbs Tail lamps The tail lamps are fitted with HiP bulbs. Risk of injury Licence plate illumination Changing the side lamps and parking lamps Switch off the lighting.



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Open the bonnet (page 306). Remove bulb holder 3 along with the bulb. Turn the bulb gently anti-clockwise and remove it from the holder. Insert the new bulb into the holder and turn it clockwise. Replace the bulb holder. G P 82.

10-2904-31 The tail lamp bulbs cannot be replaced individually. Tail lamp bulbs are pressurised and could explode if you try to change them. Have faulty tail lamp bulbs replaced at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

I Screws Switch off the lighting. Unscrew the two screws 1 and remove the lamp. Change the bulb and refit the lamp unit. Screw the two screws back in. i Have the headlamp setting checked regularly.

Online Version (Edition F1, 06/03) 413 Practical advice Replacing the wiper blades ! Only fold the windscreen wipers away from the windscreen or rear window when the wipers are vertical. You will otherwise damage the bonnet or tailgate. Do not under any circumstances open the bonnet when the wiper arms are folded out. You will otherwise damage the bonnet. Do not fold the wiper arms onto the windscreen without wiper blades. They may otherwise damage the windscreen. For your own convenience, have this work carried out at a qualified specialist workshop, e.g. a MercedesBenz Service Centre. Removing Turn the key to position 1 in the ignition lock.

Turn the windscreen wipers to position I on the combination switch (page 50). When the wiper arms are in a vertical position: Turn the key to position 0 in the ignition lock and remove the key. Risk of injury Set the wiper blade at right angles to the wiper arm. P 8230-2158-31 G Windscreen wiper blade Remove the wiper blade from the holder on the wiper arm. If the windscreen wipers are set to intermittent wipe or the rain sensor is active, the wipers may move at any time and injure you or others upon contact. Always remove the key from the ignition lock before replacing wiper blades. Fold the wiper arm away from the windscreen or rear window. Fitting Slide the wiper blade onto the wiper arm. Turn the wiper blade parallel to the wiper arm. Fold the wiper arm onto the windscreen or rear window again.

414 Online Version (Edition F1, 06/03) Practical advice Flat tyre Flat tyre Your vehicle may be equipped with: a TIREFIT kit (page 342) a "Minispare" emergency spare wheel* (page 342) a collapsible emergency spare wheel* (page 342) a spare wheel* (page 342) Vehicles with automatic transmission* Move the selector lever to position P. Using the TIREFIT kit You can use the TIREFIT kit to seal small punctures, particularly those in the tyre tread. You can use TIREFIT at outside temperatures of down to 20 °C. Risk of fire For all vehicles Get all occupants out of the vehicle, ensuring that they are not endangered as they do so. Place the warning triangle (page 338) or hazard warning lights at a suitable distance.

Observe legal requirements. G Preparing the vehicle Stop your vehicle as far away as possible from traffic and on a firm and even surface. Switch on the hazard warning lights. Depress the parking brake firmly. Smoking, fire and naked flames are prohibited when handling TIREFIT.

Avoid creating sparks. Risk of accident G Vehicles with manual transmission Select either first or reverse gear. In the following situations, your safety is at particular risk and TIREFIT is unable to provide breakdown assistance: Online Version (Edition F1, 06/03) 415 Practical advice Flat tyre Remove TIREFIT and the accompanying "max. 80 km/h" ("max. 50 mph") sticker and the electric air pump from the stowage area: beneath the boot floor (page 342) beneath the luggage compartment floor (page 342) Affix the sticker in the driver's field of vision. Risk of injury if there are cuts or punctures in the tyre greater than 4 mm if the wheel rim is damaged if you have driven at very low tyre pressures or on a flat tyre Do not drive any further. Notify a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required.



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Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Do not remove any foreign bodies which have penetrated the tyre, e.

g. screws or nails. If an allergic reaction occurs, consult a doctor immediately. Keep TIREFIT away from children. If TIREFIT is swallowed, immediately rinse mouth out thoroughly with water and drink plenty of water. Do not induce vomiting. Consult a doctor immediately. Do not inhale TIREFIT fumes. G i If sealant leaks out, allow it to dry. It can then be removed like a layer of film.

TIREFIT must not come into contact with your skin, eyes or clothing. If TIREFIT comes into contact with your eyes or skin, immediately rinse thoroughly with clean water. Change out of clothing which has been in contact with TIREFIT immediately. 416 Online Version (Edition F1, 06/03) Practical advice Flat tyre Screw hose 5 on the electric air pump onto flange 6 on sealant bottle 1. P 40.

10-2923-31 neu Insert the filler bottle with the head pointing downwards into recess 3 on the electric air pump. Unscrew the valve cap on the faulty tyre. Make sure that the pressure release screw on pressure gauge 9 is fully closed. Screw filler hose a onto valve 7. Risk of injury P 40.

10-2922-31 neu 1 2 3 4 5 6 TIREFIT sealant bottle Flap Recess Connector with cable Electric air pump hose Flange Open flap 2 on the electric air pump hose. Take connector 4 and air hose 5 with pressure gauge out of the housing. 7 Valve 8 Switch 9 Pressure gauge with pressure release screw a Filler hose Comply with the manufacturer's safety instructions shown on the sticker on the air pump. Insert connector 4 into the cigarette lighter socket (see page 288) or into 12-volt socket in your vehicle (see page 288). Turn the key to position 1 in the ignition lock (page 31). Press I on electric air pump switch 8. G Online Version (Edition F1, 06/03) 417 Practical advice Flat tyre The electric air pump is switched on. The tyre is pumped up. After five minutes, the tyre should have a pressure of at least 1.8 bar.*

When a tyre pressure of 1.8 bar has been reached, press 0 on the electric air pump switch. The electric air pump is switched off. Remove the electric air pump. Pull away immediately. This allows the TIREFIT sealant to distribute throughout the tyre. Stop after driving for approximately 10 minutes and check the tyre pressure with the electric air pump. Risk of accident G ! Do not operate the electric air pump for longer than eight minutes without a break, otherwise it may overheat. The air pump can be used again once it has cooled down. If this pressure is not obtained: Switch off the electric air pump and drive the vehicle back or forth approximately 10 m.

This distributes the TIREFIT sealant more evenly. Remove the sealant bottle from the electric air pump. Pump up the tyre again. If a pressure of 1.8 bar still cannot be reached after five minutes, the tyre is too badly damaged.

Do not drive any further. Notify a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. 418 Online Version (Edition F1, 06/03) Practical advice Flat tyre If the tyre pressure is still at least 1.3 bar, correct it (see fuel filler flap for values). To increase tyre pressure: Switch on the electric air pump. To decrease the tyre pressure: Open the pressure release screw on pressure gauge 9. Drive to the nearest workshop and have the tyre changed there. Have the TIREFIT kit replaced as soon as possible at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. Risk of accident G Risk of accident G If the tyre pressure is below 1.3 bar, the tyre is too badly damaged.



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Do not drive any further.

Notify a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Do not exceed the maximum speed of 50 mph (80 km/h). The "max. 80 km/h" ("max. 50 mph") sticker must be affixed within the driver's field of vision. The vehicle's handling characteristics may be affected. Environmental note H Dispose of the used TIREFIT kit professionally, e.g.

at a Mercedes-Benz Service Centre. Have the TIREFIT kit replaced at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre, every four years.

Online Version (Edition F1, 06/03) 419 Practical advice Flat tyre Preparing the vehicle Prepare the vehicle as described previously (page 415).

Remove the following from the stowage area beneath the boot/ luggage compartment floor (page 342): the "Minispare" emergency spare wheel, collapsible emergency spare wheel* or the spare wheel* if necessary the vehicle tool kit, the chock and the jack Changing a wheel and fitting the spare wheel* Risk of accident Risk of accident G G The wheel dimensions and tyre size of the spare wheel* or emergency spare wheel* may differ from those of standard wheels. Your vehicle's handling characteristics will be altered when a "Minispare" emergency spare wheel*, collapsible emergency spare wheel* is fitted. Adapt your style of driving accordingly. The "Minispare" emergency spare wheel*, collapsible emergency spare wheel* must only be used as a temporary measure. Do not exceed the maximum speed of 50 mph (80 km/h).*

Have the "Minispare" emergency spare wheel, collapsible emergency spare wheel* or the spare wheel* replaced by a new wheel at the nearest qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. MercedesBenz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.*

Never drive the vehicle with more than one "Minispare" emergency spare wheel, collapsible emergency spare wheel* fitted. 420 Online Version (Edition F1, 06/03) Practical advice Flat tyre Risk of injury G Do not start the engine at any time while the wheel is being changed. Do not lie under the vehicle when it is being supported by the jack. If you do not raise the vehicle as described, it could slip off the jack (e.g. if the engine is started or a door or the boot lid/tailgate are opened or closed). P40.*

10-2545-31 The jack is designed only to raise the vehicle for a short time when a wheel is changed. If you intend to work under the vehicle, place the vehicle on stands. Prepare the vehicle as described (page 415). Make sure that the vehicle is standing on a surface which is firm and even. Use a stable and non-slip support plate for the jack if the surface is yielding or not firm. Raising the vehicle Prevent the vehicle from rolling away using chocks or similar. On a level road: Place chocks in front of and behind the wheel which is diagonally opposite the wheel you wish to change. On uphill gradients: Place chocks behind both wheels on the other axle. Loosen the wheel bolts on the wheel you wish to change by about one turn. Do not remove them.

The jacking points are located behind the wheel housings of the front wheels and in front of the wheel housings of the rear wheels. Online Version (Edition F1, 06/03) 421 Practical advice Flat tyre Risk of accident G P 40.10-2546-31 Position the jack only at one of the appropriate jacking points. If you do not position the jack correctly, the vehicle can: slip off the jack injure you or others be damaged P 40.00-2039-31 1 Jacking point 2 Jack 3 Crank Position jack 2 at jacking point 1.



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Make sure that the base of the jack is located directly under the jacking point. Turn crank 3 until the tyre is raised a maximum of 3 cm from the ground. 422 Online Version (Edition F1, 06/03) Practical advice Flat tyre Undo the remaining wheel bolts. ! P 40.10-2547-31 Do not place wheel bolts in sand or on a dirty surface.

This could cause damage to the bolt and wheel hub threads. Remove the wheel. Risk of accident G 1 Centring pin Undo the uppermost wheel bolt completely. In place of the wheel bolt, screw centring pin 1 from the vehicle tool kit into the thread. Fitting a new wheel Risk of accident Replace damaged or corroded wheel bolts. Never oil or grease wheel bolts. G If a wheel hub thread is damaged, you must not drive the vehicle any further. Notify a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre or Service 24h for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Online Version (Edition F1, 06/03) 423 Practical advice Flat tyre Risk of accident G P 40.10-2563-31 P 40.10-2548-31 For safety reasons, Mercedes-Benz recommends that you only use wheel bolts which have been approved for Mercedes-Benz. Other bolts could work loose. Do not tighten the wheel bolts completely while the vehicle is still jacked up. The vehicle could topple off the jack. 1 Wheel bolts for all wheels supplied by the factory Clean the wheel and wheel hub contact surfaces. Push the spare wheel onto the centring pin and press it on. Screw in the wheel bolts and tighten them finger-tight. Undo the centring pin and screw in the last wheel bolt.

Pumping up the collapsible emergency spare wheel* with the electric air pump Pump up the deflated collapsible wheel before lowering the vehicle. The air pump is located in the stowage area beneath the boot/luggage compartment floor. 424 Online Version (Edition F1, 06/03) Practical advice Flat tyre Remove the electric air pump from the stowage area: beneath the boot floor (page 342) beneath the luggage compartment floor (page 342) Pull connector 3 and air hose with pressure gauge 4 out of the housing. Make sure that the pressure release screw on pressure gauge 4 is closed. Unscrew the valve cap on the tyre.

Screw union nut 5 on the air hose onto the valve. E2_F1 P40.10-3264-31 Insert connector 3 into the cigarette lighter socket (see page 288) or in 12-volt socket* in your vehicle (see page 288). Turn the key to position 1 in the ignition lock (page 31). 1 2 3 4 Flap Switch Connector Air hose with pressure gauge and pressure release screw 5 Union nut Open flap 1.

Press 1 on electric air pump switch 2. The electric air pump is switched on. The tyre is pumped up. When a pressure of 3.5 bar is reached, press 0 on the electric air pump switch. The electric air pump is switched off. ! Do not operate the electric air pump for longer than eight minutes without a break, otherwise it may overheat. The air pump can be used again once it has cooled down. If the tyre pressure is greater than 3.5 bar: Open the pressure release screw on pressure gauge 4 until the correct tyre pressure has been reached.

Disconnect the electric air pump and stow it away. Online Version (Edition F1, 06/03) 425 Practical advice Flat tyre Lowering the vehicle Lower the vehicle. To do this, turn the crank of the jack anti-clockwise until the vehicle is once again standing firmly on the ground. Place the jack to one side. Risk of accident Depending on the size of the wheel, you can also secure the faulty wheel in the spare wheel well. In this case, you must stow the spare wheel well stowage tray in the boot. G Have the tightening torque checked immediately after a wheel is changed. The wheels could work loose if they are not tightened to a torque of 130 Nm. Turn the jack back to its initial position and return it and the rest of the vehicle tool kit to the boot/luggage compartment.



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Vehicles with "Minispare" emergency spare wheel*, collapsible emergency spare wheel*: i Do not activate the tyre pressure monitoring system until the deflated tyre has been removed from the vehicle.

P 40.10-2549-31 1 5 Wheel bolts Tighten the wheel bolts evenly in a crosswise pattern in the sequence indicated (1 to 5). The tightening torque must be 130 Nm. or Wrap the faulty wheel in the protective wrapping provided with the "Minispare" emergency spare wheel*, collapsible emergency spare wheel* and transport it in the boot/luggage compartment. 426 Online Version (Edition F1, 06/03) Practical advice Bleeding the fuel system on vehicles with a diesel engine Bleeding the fuel system on vehicles with a diesel engine The engine may not start immediately after refuelling if the tank has been run dry as air may be trapped in the fuel system.

After refuelling: Turn the engine over continuously for up to 60 seconds until the engine is running smoothly. If the engine has not started: Wait for approximately two minutes. Then turn the engine over again continuously for up to 60 seconds until it runs smoothly. If this second attempt also fails to start the engine, do not make any further starting attempts. Consult a qualified specialist workshop, e.

g. a MercedesBenz Service Centre. Online Version (Edition F1, 06/03) 427 Practical advice Battery In order for the battery to achieve the maximum possible service life, it must always be sufficiently charged. Have the battery charge checked more frequently if you use the vehicle mainly for short trips or if you leave it parked up for a lengthy period. To prevent damage through corrosion, only replace the battery with one with a central vent-type cover. If you wish to leave your vehicle parked up for a long period of time, consult a Mercedes-Benz Service Centre. Comply with safety precautions and take protective measures when handling batteries. Risk of explosion Wear eye protection. Keep children away. Observe these operating instructions.

Avoid the creation of sparks, keep naked flames away from the battery and do not smoke. Environmental note Battery acid is caustic. Avoid contact with the skin, eyes or clothing. Immediately rinse acid splashes off with clean water. Consult a doctor if necessary. H Do not dispose of batteries with the household rubbish. Take defective batteries to a Mercedes-Benz Service Centre or a special collection point for old batteries. 428 Online Version (Edition F1, 06/03)

Practical advice Battery The battery is located in the boot under the luggage well. Notes on removing the luggage well (page 343). E2_F1 B23__P54. 10-2335-31 P 54.10-2223-31 P 54.10-2135-31 Estate Estate 1 Negative terminal 2 Positive terminal i Saloon: battery in the boot 1 Negative terminal 2 Positive terminal On an Estate, the battery is located on the right-hand side under a cover. Pull the cover upwards and remove it. ! Switch the engine off before you loosen or disconnect the terminal clamps.

You may otherwise destroy electronic components such as the alternator. i The battery is located on the righthand side of the well on vehicles with a spare wheel*. Online Version (Edition F1, 06/03) 429 Practical advice Battery Risk of injury G Risk of accident If the battery is disconnected: G Disconnecting the battery Depress the parking brake firmly or shift the selector lever to position P on vehicles with an automatic transmission*. Remove the negative terminal clamp from the battery. Remove the cover from the positive terminal.

Remove the positive terminal clamp from the battery. Do not place any metal objects on the battery. Doing so could cause a short-circuit. Use only impact-resistant batteries to prevent acid burns to vehicle occupants in the event of an accident. The brake boosting effect will not be available. Greater braking force will then be required and the stopping distance will be increased. If necessary, depress the brake pedal with maximum force.



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You will not be able to turn the key in the ignition or, if you are using KEYLESS GO, pressing the KEYLESS GO button* on the selector lever will have no effect. The selector lever will be locked in position P. Removing the battery Unscrew the bolt which holds the battery in place in the boot.*

Loosen the strap and remove the battery. 430 Online Version (Edition F1, 06/03) Practical advice Battery Charge the battery. Observe the notes in the battery charger operating instructions. Risk of acid burns Charging the battery ! Never swap the terminal clamps. Otherwise the vehicle's electronics system may be damaged. ! Only use battery chargers with a maximum voltage of 14.8 volts. G Risk of injury G Do not lean over the battery while it is being charged. To refit the battery, follow the above steps in the reverse order. i If the power supply has been interrupted (e.g. it has been reconnected), you must carry out the following tasks: Reset ESP (page 80). Set the clock (page 146). Reset the side windows (page 213). Reset the sliding/tilting sunroof/panorama sliding sunroof (page 216), (page 220).

Never charge the battery when it is fitted in the vehicle. Otherwise the vehicle's electronic system may be damaged. As the battery is being charged, gases can escape and generate minor explosions, which may injure you and other persons or cause damage to the paintwork or acid corrosion on the vehicle.

Reconnecting the battery Switch all electrical consumers off. Connect the positive terminal clamp and secure the cover.

Connect the negative terminal clamp. Online Version (Edition F1, 06/03) 431 Practical advice Jump-starting If your vehicle's battery is flat, the engine can be jump-started from another vehicle using jump leads. Please note: Jump-starting must only be performed when the engine and catalytic converter are cold. Do not start the engine if the battery has frozen. Thaw the battery out first. Jump-starting may only be performed from 12-volt batteries. Use jump leads for jump-starting. You can obtain further information from your Mercedes-Benz Service Centre. i You can obtain jump leads from any Mercedes-Benz Service Centre. Risk of explosion G ! Avoid repeated and lengthy starting attempts.

Never start the vehicle using a rapid battery charger. Avoid the creation of sparks and electrostatic charges. Keep naked flames away from the battery, and do not smoke. Comply with safety precautions and take protective measures when handling batteries (page 428). Risk of acid burns G Do not lean over the battery while the engine is being jump-started. 432 Online Version (Edition F1, 06/03) Practical advice Jump-starting Make sure that the two vehicles do not touch. Depress the parking brake firmly or shift the selector lever to position P on vehicles with an automatic transmission. Switch all electrical consumers off. Saloon: The battery is located in the boot under the luggage well. Notes on removing the luggage well (page 343).*

Estate: The positive terminal of your own battery is in the engine compartment. Open the bonnet (see page 306). P 54.00-2307-31 P 54.10-2231-31 Saloon 1 Negative terminal of your own battery 2 Positive terminal of your own battery 3 Positive terminal of second battery 4 Negative terminal of second battery Estate 1 Body earth 2 Positive terminal of your own battery Connect positive terminals 2 and 3 of the two batteries with the jump lead.

Start with second battery 3. Online Version (Edition F1, 06/03) 433 Practical advice Jump-starting Run the other vehicle's engine at idling speed. Connect the jump leads to: negative terminals 1 and 4 of the batteries in a Saloon. Start with the negative terminal of second battery 4. body earth 1 and the negative terminal of second battery 4 in an Estate.

Start with the negative terminal of second battery 4. Start the engine. i The display message Battery protection: Convenience functions temporarily unavailable may appear in the instrument cluster.



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This disappears as soon as the battery is sufficiently charged. As soon as the engine is running, switch on a few electrical consumers, e.g. the blower. Do not under any circumstances switch on the lights. Disconnect the jump leads. For a Saloon, first disconnect the jump lead from the negative terminal of your own vehicle battery 1 and the negative terminal of second battery 4, and then from positive terminals 2 and 3.

For an Estate, first disconnect the jump lead from the body earth of your own vehicle battery 1 and the negative terminal of second battery 4, and then from positive terminals 2 and 3. Have the battery checked at the nearest qualified specialist workshop, e.g. your Mercedes-Benz Service Centre. 434 Online Version (Edition F1, 06/03) Practical advice Towing and tow-starting Towing and tow-starting Risk of accident G Risk of accident G You must use a towing bar to tow the vehicle if: the engine is not running the SBC brake system is malfunctioning there is a malfunction in the power supply or the vehicle's electrical system There is no power assistance for the steering when the engine is not running. The SBC brake system requires electrical power. If you tow the vehicle while there are faults in the power supply and the engine is switched off, the SBC brake system switches over to emergency operating mode. Greater braking force will then be required and the stopping distance will be increased. If necessary, depress the brake pedal with maximum force. The vehicle is braked if SBC Hold/ SBC Stop is activated.

For this reason, deactivate SBC Hold/ SBC Stop if the vehicle is to be towed. When towing or tow-starting another vehicle, its weight should not be greater than the permissible gross weight of your vehicle. Comply with local regulations when towing. Having the vehicle carried away on a transporter or trailer is preferable to towing it. We recommend the use of a rigid towing bar if towing is necessary.

You may only tow the vehicle a maximum of 30 miles (50 km). A maximum towing speed of 30 mph (50 km/h) must not be exceeded. Online Version (Edition F1, 06/03) 435 Practical advice Towing and tow-starting i Switch off the automatic locking feature before the vehicle is towed (page 152). You could otherwise become locked out when pushing or towing the vehicle. Before towing the vehicle, make sure that the battery is connected and charged.

You will otherwise not be able to switch on the ignition. You will then have no steering or braking assistance. If it is not possible to jump-start the vehicle, have it towed to the nearest qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. The engine must not be running if you are towing the vehicle with the front/rear axle raised. The automatic transmission selector lever must be in position N. If the vehicle has suffered transmission damage, only tow it with the propeller shaft disconnected. Fitting the towing eye Opening the front cover Points to remember ! Vehicles with 4MATIC* must not be towed with an axle raised. Otherwise you could damage the transfer case.*

Vehicles with automatic transmission must not be tow-started. If the engine does not start, try jump-starting it (page 432). P 88.20-2230-31 1 Cover Press back cover 1 in the direction of the arrow. Remove the cover. 436 Online Version (Edition F1, 06/03) Practical advice Towing and tow-starting Opening the rear cover Securing the towing eye Take the towing eye and the wheel wrench from the vehicle tool kit (page 340). P 88.20-2231-31 Screw in the towing eye clockwise to the stop. Insert the wheel wrench handle into the towing eye and tighten. Towing the vehicle ! Do not tow the vehicle further than 30 miles (50 km).*

Do not exceed a maximum towing speed of 30 mph (50 km/h). Otherwise you could damage the transmission. ! 2 Cover Press back cover 2 in the direction of the arrow. Remove the cover. Do not tow the vehicle further than 30 miles (50 km).

Do not exceed a towing speed of 30 mph (50 km/h), otherwise the transmission could be damaged.



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The engine must not be running if you are towing the vehicle with the front/rear axle raised. Intervention by ESP could otherwise damage the brake system. ! Vehicles with 4MATIC must not be towed with an axle raised. Otherwise you could damage the transfer case.*

Switch the ignition on (turn the key to position 2 in the ignition lock). Move the selector lever to position N. ! Only secure the tow cable or towing bar to the towing eye. The vehicle could otherwise be damaged. Online Version (Edition F1, 06/03) 437 Practical advice Towing and tow-starting ! The engine must be switched off if the vehicle is being towed with the front axle raised or if the parking brake is being tested on a dynamometer. Intervention by ESP could otherwise damage the brake system. Removing the towing eye Take the wheel wrench from the vehicle tool kit (page 340). Insert the wheel wrench handle into the towing eye and turn the wrench anti-clockwise. Unscrew the towing eye. Replace the cover and make it lock into place.

Place the towing eye and the wheel wrench back in the vehicle tool kit. Transporting the vehicle The towing eyes can be used to pull the vehicle onto a trailer or transporter for transporting purposes. For this purpose, move the selector lever to position N. To secure, only lash the vehicle down by the wheels or tyres. Your vehicle could otherwise be damaged. 438 Online Version (Edition F1, 06/03) Practical advice Fuses Fuses Main fuse box The main fuse box is located behind the light switch in the dashboard and there is an additional fuse box in the boot on the left. Closing Hook the cover on at the front. Fold the cover in until it engages. Additional fuse box in the boot Saloon The additional fuse box is located under the cover on the left-hand side. P 54. 15-2321-31 P 54.15-2450-31 1 Cover Opening Pull the cover outwards. 2 Cover 3 Catches Turn catches 3 anti-clockwise and remove cover 2. Online Version (Edition F1, 06/03) 439 Practical advice Fuses Estate The additional fuse box is located under the cover on the left-hand side. Fuse extractor The fuse extractor can be found in the vehicle tool kit in the boot.

Spare fuses Spare fuses can be found in the vehicle tool kit. . Fuse allocation chart A leaflet with the fuse allocation chart is included with main fuse box 1. The fuse amperage is also indicated here. P 54.

15-2432-31 i Only use fuses of the specified amperage which have been recommended by Mercedes-Benz. Any Mercedes-Benz Service Centre will be happy to give advice. Do not attempt to repair or bridge faulty fuses. Have the cause traced and rectified at a qualified specialist workshop, e.g. your Mercedes-Benz Service Centre. 2 Side trim 3 Release button Press release button 3. Fold side trim 2 inwards. 440 Online Version (Edition F1, 06/03) Technical data Genuine Mercedes-Benz parts The "Technical data" section contains all the necessary technical data for your vehicle. Some of the values given are provisional and are, in some cases, calculated values.

Final values were not available when this manual went to print. Mercedes-Benz tests genuine parts and conversion parts and accessories which have been specifically approved for your vehicle in terms of their reliability, safety and suitability. Despite ongoing market research, Mercedes-Benz is unable to guarantee other parts. Mercedes-Benz therefore accepts no responsibility for the use of such parts in Mercedes-Benz vehicles, even if they have been independently or officially approved. In Germany and other countries, certain parts are only officially approved for installation or modification if they comply with legal requirements. All genuine Mercedes-Benz parts meet this requirement. Observe the suitability of replacement parts for your vehicle. In many countries, certain parts which result in a modification to the vehicle could invalidate the vehicle's general operating permit. This is the case if: they cause a change of the vehicle type from that for which the vehicle's general operating permit was granted other road users could be endangered the emission or noise levels are adversely affected The use of non-approved parts could affect your vehicle's operating safety.



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Mercedes-Benz therefore recommends genuine Mercedes-Benz parts and conversion parts and accessories which have been specifically approved for your vehicle.

Environmental note H DaimlerChrysler also supplies reconditioned assemblies and parts which are of the same quality as new parts. These parts have the same warranty as new parts. Genuine Mercedes-Benz parts and approved conversion parts and accessories are available from any MercedesBenz Service Centre. Here you will receive advice about technical modifications, and the parts will be professionally fitted. Always quote the vehicle identification number and the engine number when ordering genuine parts.

You will find these numbers on the vehicle data card in the Service Booklet or on your vehicle's identification plates (page 445). 442 Online Version (Edition F1, 06/03) Technical data Vehicle electronics Vehicle electronics Tampering with the engine electronics Risk of accident ! Only have work on the engine electronics and related components, such as control units, sensors or connector leads, carried out at a qualified specialist workshop. Otherwise vehicle components may wear more quickly and the warranty and vehicle's general operating permit may be invalidated. Retrofitting electrical and electronic equipment Electrical and electronic equipment can jeopardise the operational safety of your vehicle. If equipment of this kind is retrofitted, it must be type-approved and bear the e mark.

The e mark may be obtained from the equipment manufacturer or an authorised testing centre. If you wish to install mobile phones or two-way radios in the vehicle, you must obtain formal approval. Mercedes-Benz approves the installation of mobile phones if such equipment is installed professionally and a reflection-free external aerial is used. The transmission output of the mobile phone or two-way radio must not exceed the maximum transmission outputs listed. G Only have work on the engine electronics and related components carried out at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. The vehicle's roadworthiness could otherwise be affected. Online Version (Edition F1, 06/03) 443 Technical data Vehicle electronics Risk of accident G Mobile phones and two-way radios may interfere with the vehicle electronics and thereby jeopardise the operational safety of the vehicle and your safety if: they do not have an external aerial the external aerial is not reflection-free the external aerial has been fitted incorrectly Excessive electromagnetic radiation may also cause damage to health. For this reason, only have the external aerial installed at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required.

Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Frequency range Maximum transmission output (watts) 100 20 50 35 10 Short wave (1 50 MHz) 4 m band 2 m band 70 cm band 25 cm band ! If electrical or electronic equipment which does not fulfil these conditions is retrofitted, the vehicle's general operating permit may be invalidated (EU Directive 95/54/EC the Automotive EMC Directive). 444 Online Version (Edition F1, 06/03) Technical data Vehicle identification plates Vehicle identification plates Chassis and paint number The vehicle identification plate with the chassis number is located in the door frame on the frontpassenger side. Engine number The engine number is engraved on the engine. Vehicle identification number The vehicle identification number is located on the floor in front of the frontpassenger seat.



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F2_E1 P01.00-2228-31 B25_P01.00-2399-31 F2_E1 B26_P01.00-2398-31 1 Engine number 1 Vehicle identification plate with chassis number 1 Floor covering 2 Vehicle identification number Online Version (Edition F1, 06/03) 445 Technical data Engine i The technical data was determined in accordance with the relevant EU Directives.

All data applies to the vehicle's standard equipment. The data may therefore differ for vehicles with optional equipment. You can obtain further information from any Mercedes-Benz Service Centre. i You will find information about your vehicle's noise levels in the vehicle document wallet or vehicle documents. E 240 4MATIC1) 130 177 5,700 240 4,500 6 3 2,597 6,300 E 320 165 224 5,600 315 3,000 4,800 6 3 3,199 6,300 E 200 Kompressor1) Rated output in kW Rated output in bhp at engine speed (rpm) Rated torque (Nm) at engine speed (rpm) Number of cylinders Valves per cylinder Displacement (cm³) Maximum engine speed (rpm) 1) Only available for certain countries.

3 E 2401) 130 177 5,700 240 4,500 6 3 2,597 6,300 120 163 5,500 240 3,000 4,000 4 4 1,796 6,300 446 Online Version (Edition F1, 06/03) Technical data Engine E 320 4MATIC Rated output in kW Rated output in bhp at engine speed (rpm) Rated torque (Nm) at engine speed (rpm) Number of cylinders Valves per cylinder Displacement (cm³) Maximum engine speed (rpm) 3 E 500 225 306 5,600 460 E 500 4MATIC 225 306 5,600 460 E 55 AMG 350 476 6,100 700 165 224 5,600 315 3,000 4,800 2,700 4,250 2,700 4,250 2,650 4,500 6 3 3,199 6,300 8 3 4,966 6,300 8 3 4,966 6,300 8 3 5,439 6,500 Online Version (Edition F1, 06/03) 447 Technical data Engine E 200 CDI 6-speed manual transmission Rated output in kW Rated output in bhp at engine speed (rpm) Rated torque (Nm) at engine speed (rpm) Number of cylinders Valves per cylinder Displacement (cm³) Maximum engine speed (rpm) 1) Only available for certain countries. E 220 CDI1) 110 150 4,200 340 2,000 4 4 2,148 4,750 E 270 CDI1) 130 177 4,200 400 1,800 2,600 5 4 2,685 4,750 90 122 4,200 270 1,400 2,800 4 4 2,148 4,750 448 Online Version (Edition F1, 06/03) Technical data Engine E 200 CDI 5-speed automatic transmission Rated output in kW Rated output in bhp at engine speed (rpm) Rated torque (Nm) at engine speed (rpm) Number of cylinders Valves per cylinder Displacement (cm³) Maximum engine speed (rpm) 1) Only available for certain countries. E 220 CDI1) 110 150 4,200 340 2,000 4 4 2,148 4,750 E 270 CDI1) 130 177 4,200 425 2,000 5 4 2,685 4,750 E 320 CDI 150 204 4,200 500 E 400 CDI 191 260 4,000 560 90 122 4,200 270 1,400 2,800 4 4 2,148 4,750 1,800 2,600 1,700 2,600 6 4 3,222 4,750 8 4 3,996 4,400 Online Version (Edition F1, 06/03) 449 Technical data Performance i The technical data was determined in accordance with EU Directives. All data refers to the standard equipment of the vehicles. The data may therefore differ for vehicles with optional equipment.

You can obtain further information from any Mercedes-Benz Service Centre. Speeds 6-speed manual transmission (Saloon) Maximum speed in km/h 1st gear 2nd gear 3rd gear 4th gear 5th gear 6th gear E 200 Kompressor 55 94 136 189 230 224 E 2401) 47 79 120 167 209 236 E 200 CDI 42 74 117 167 202 203 E 220 CDI1) 41 73 116 166 205 216 E 270 CDI1) 45 79 125 179 222 230 1) Only available for certain countries. 450 Online Version (Edition F1, 06/03) Technical data Performance 6-speed manual transmission (Estate) Maximum speed in km/h 1st gear 2nd gear 3rd gear 4th gear 5th gear 6th gear E 200 Kompressor 52 88 128 178 220 218 E 2401) E 220 CDI1) E 270 CDI1) 44 75 114 158 198 223 38 68 107 154 192 208 41 73 116 166 208 223 1) Only available for certain countries. Online Version (Edition F1, 06/03) 451 Technical data Performance 5-speed automatic transmission (Saloon) Maximum speed in km/h 1st gear 2nd gear 3rd gear 4th gear 5th gear Maximum speed in km/h 1st gear 2nd gear 3rd gear 4th gear 5th gear E 200 Kompressor 54 90 140 209 227 E 320 4MATIC 54 91 149 222 240 E 2401) E 2401) 4MATIC 48 81 132 197 233 E 55 AMG E320 48 81 132 197 233 E 500 4MATIC 63 107 167 237 250 58 97 158 237 245 82 136 212 250 250 1) Only available for certain countries.



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452 Online Version (Edition F1, 06/03) Technical data Performance Maximum speed in km/h 1st gear 2nd gear 3rd gear 4th gear 5th gear E 200 CDI E 220 CDI) E 270 CDI) E 320 CDI E 400 CDI 47 79 129 190 201 47 79 129 192 214 56 95 149 209 228 60 102 160 222 240 55 97 152 215 250 5-speed automatic transmission (Estate) Maximum speed in km/h 1st gear 2nd gear 3rd gear 4th gear 5th gear E 200 Kompressor 51 85 132 198 218 E 240) E 240) 4MATIC 48 81 132 198 214 E 320 48 81 132 198 222 58 97 158 233 233 1) Only available for certain countries. Online Version (Edition F1, 06/03) 453 Technical data Performance Maximum speed in km/h 1st gear 2nd gear 3rd gear 4th gear 5th gear Maximum speed in km/h 1st gear 2nd gear 3rd gear 4th gear 5th gear E 320 4MATIC 54 91 149 222 229 E220 CDI) E 500 4MATIC 63 107 167 237 250 E270 CDI) E 55 AMG) 250 250 E320 CDI 47 79 130 191 207 53 89 140 196 220 56 95 149 208 234 1) Only available for certain countries. 2) Missing values were not available at the time of going to print. 454 Online Version (Edition F1, 06/03) Technical data Performance 7G-TRONIC (7-speed automatic transmission) Maximum speed in km/h 1st gear 2nd gear 3rd gear 4th gear 5th gear 6th gear 7th gear E 500 Saloon 63 95 141 200 250 250 250 E 500 Estate 60 95 141 200 250 250 250 Online Version (Edition F1, 06/03) 455 Technical data Performance Acceleration from 0 to 100 km/h Saloon E 200 Kompressor 6-speed manual transmission 5-speed automatic transmission 9.6 9.9 E 240 8.

9 9.1 E 240 4MATIC 10.6 E 320 7.7 E 320 4MATIC 8.4 E 500 6-speed manual transmission 5-speed automatic transmission 7G-TRONIC (7-speed automatic transmission) 6.0 E 500 4MATIC 6.3 E 55 AMG 4.7 E 200 CDI 6-speed manual transmission 5-speed automatic transmission 12.1 12.1 E 220 CDI 10.

1 10.6 E 270 CDI 9.0 9.2 E 320 CDI 7.7 E 400 CDI 6.

9 456 Online Version (Edition F1, 06/03) Technical data Performance Estate E 200 Kompressor 6-speed manual transmission 5-speed automatic transmission 10.1 10.6 E 240 9.4 10.1 E 240 4MATIC 10.
8 E 320 8.5 E 320 4MATIC 9.0 E 500 6-speed manual transmission 5-speed automatic transmission 7G-TRONIC (7-speed automatic transmission) 6.5 E 500 4MATIC 6.8 E 55 AMG 4.8 E 220 CDI 6-speed manual transmission 5-speed automatic transmission 10.6 11.1 E 270 CDI 9.3 9.3 E 320 CDI 8.

2 Online Version (Edition F1, 06/03) 457 Technical data Tyres and wheels ! For safety reasons, Mercedes-Benz recommends that you only use tyres which have been specially approved by Mercedes-Benz for your vehicle. These tyres are specially adapted for use with the control systems, such as ABS or ESP. If you use other tyres, MercedesBenz cannot accept any responsibility for damage which may occur. You can obtain information about tyres from any Mercedes-Benz Service Centre. ! If you fit tyres other than those tested and recommended by MercedesBenz, characteristics such as handling, noise levels and fuel consumption, etc. may be adversely affected. In addition, when driving with a load, dimensional variations and different tyre deformation characteristics could cause the tyres to make contact with the bodywork and axle components. This may damage the tyre or the vehicle. i Further information can be obtained from any Mercedes-Benz Service Centre. You will find a table of tyre pressures on the inside of your vehicle's fuel filler flap.

You will find further information about tyre pressures in the "Operation" section (page 313). 458 Online Version (Edition F1, 06/03) Technical data Tyres and wheels Standard tyres Saloon E 200 Kompressor Summer tyres Winter tyres Wheel Summer tyres Winter tyres Wheel 205/60 R 16 92V 205/60 R 16 92H M+S 7J x 16 ET 33 225/55 R 16 95V 225/55 R 16 95H M+S 7.5J x 16 ET 42 or 8J x 16 ET 36 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 or 8.



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5J x 17 ET 38 E 240 205/60 R 16 92V 205/60 R 16 92H M+S 7J x 16 ET 33 225/55 R 16 95V 225/55 R 16 95H M+S 7.5J x 16 ET 42 or 8J x 16 ET 36 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 or 8.

5J x 17 ET 38 Summer tyres1) Winter tyres Wheel 1) 1) Only in conjunction with sports suspension* or Airmatic DC* optional equipment. Online Version (Edition F1, 06/03) 459 Technical data Tyres and wheels E 240 4MATIC Summer tyres Winter tyres Wheel Summer tyres Winter tyres Wheel 205/60 R 16 92V 205/60 R 16 92H M+S 7J x 16 ET 33 E 320 E 320 4MATIC 225/55 R 16 95V 225/55 R 16 95H M+S 7.5J x 16 ET 42 or 8J x 16 ET 36 225/55 R 16 95W 225/55 R 16 95H M+S 7.5J x 16 ET 42 or 8J x 16 ET 36 225/55 R 16 95V 225/55 R 16 95H M+S 7.5J x 16 ET 42 or 8J x 16 ET 36 Summer tyres1) Winter Wheel tyres1) 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 or 8.

5J x 17 ET 38 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 1) Only in conjunction with sports suspension* or Airmatic DC* optional equipment. 460 Online Version (Edition F1, 06/03) Technical data Tyres and wheels E 500 Summer tyres Winter tyres Wheel Summer tyres Winter tyres Wheel Summer tyres Winter tyres E 500 4MATIC Front axle E 55 AMG 245/40 ZR 18 8J x 18 ET 30 Rear axle 265/35 ZR 18 Extra Load M0 9J x 18 ET 39 Front and rear axles 245/45 R 17 95W 245/45 R 17 95V M+S 245/45 R 17 95W 245/45 R 17 95V M+S 245/40 R 18 93 H M+S or 245/40 R 18 97 V Extra Load M+S 8J x 18 ET 30 Wheel 8J x 17 ET 38 or 8.5J x 17 ET 38 8J x 17 ET 38 Online Version (Edition F1, 06/03) 461 Technical data Tyres and wheels E 200 CDI E 220 CDI Summer tyres Winter tyres Wheel Summer tyres Winter tyres Wheel 205/60 R 16 92V E 270 CDI E 320 CDI E 400 CDI 205/60 R 16 92H M+S 7J x 16 ET 33 225/55 R 16 95V 225/55 R 16 95V 225/55 R 16 95V 225/55 R 16 95H M+S 225/55 R 16 95H M+S 225/55 R 16 95H M+S 7.5J x 16 ET 42 or 8J x 16 ET 36 7.5J x 16 ET 42 or 8J x 16 ET 36 7.5J x 16 ET 42 or 8J x 16 ET 36 Summer tyres1) Winter Wheel tyres1) 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 or 8.5J x 17 ET 38 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 or 8.5J x 17 ET 38 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 or 8.5J x 17 ET 38 1) Only in conjunction with sports suspension* or Airmatic DC* optional equipment.

462 Online Version (Edition F1, 06/03) Technical data Tyres and wheels Estate E 200 Kompressor Summer tyres Winter tyres Wheel 225/55 R 16 95V 225/55 R 16 95H M+S 7.5J x 16 ET 42 or 8J x 16 ET 36 E 240 225/55 R 16 95W 225/55 R 16 95H M+S 7.5J x 16 ET 42 or 8J x 16 ET 36 Summer tyres1) Winter tyres Wheel 1) 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 or 8.5J x 17 ET 38 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 or 8.5J x 17 ET 38 1) Only in conjunction with sports suspension* or Airmatic DC* optional equipment. Online Version (Edition F1, 06/03) 463 Technical data Tyres and wheels E 240 4MATIC Summer tyres Winter tyres Wheel 225/55 R 16 95W 225/55 R 16 95H M+S 7.5J x 16 ET 42 or 8J x 16 ET 36 E 320 225/55 R 16 95W 225/55 R 16 95H M+S 7.5J x 16 ET 42 or 8J x 16 ET 36 E 320 4MATIC 225/55 R 16 95W 225/55 R 16 95H M+S 7.5J x 16 ET 42 or 8J x 16 ET 36 Summer tyres1) Winter tyres Wheel 1) 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 or 8.5J x 17 ET 38 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 1) Only in conjunction with sports suspension* or Airmatic DC* optional equipment.

464 Online Version (Edition F1, 06/03) Technical data Tyres and wheels E 500 Summer tyres Winter tyres Wheel Summer tyres Winter tyres Wheel Summer tyres Winter tyres E 500 4MATIC Front axle E 55 AMG 245/40 ZR 18 8J x 18 ET 30 Rear axle 265/35 ZR 18 Extra Load M0 9J x 18 ET 39 Front and rear axles 245/45 R 17 95Y 245/45 R 17 95V M+S 245/45 R 17 95Y 245/45 R 17 95V M+S 245/40 R 18 97 H Extra Load M+S or 245/40 R 18 97 V Extra Load M+S1) 8J x 18 ET 30 Wheel 8J x 17 ET 38 or 8.



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5J x 17 ET 38 8J x 17 ET 38 1) Maximum speed up to 220 km/h. Online Version (Edition F1, 06/03) 465 Technical data Tyres and wheels E 220 CDI Summer tyres Winter tyres Wheel 225/55 R 16 95H 225/55 R 16 95H M+S 7.5J x 16 ET 42 or 8J x 16 ET 36 E 270 CDI 225/55 R 16 95W 225/55 R 16 95H M+S 7.5J x 16 ET 42 or 8J x 16 ET 36 E 320 CDI 225/55 R 16 95W 225/55 R 16 95H M+S 7.

5J x 16 ET 42 or 8J x 16 ET 36 Summer tyres 1) Winter tyres Wheel 1) 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 or 8.5J x 17 ET 38 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 or 8.5J x 17 ET 38 245/45 R 17 95W 245/45 R 17 95V M+S 8J x 17 ET 38 or 8.5J x 17 ET 38 1) Only in conjunction with sports suspension* or Airmatic DC* optional equipment. 466 Online Version (Edition F1, 06/03) Technical data Tyres and wheels AMG equipment E 200 Kompressor/ E 240/ E 320/ E 500/ E 220 CDI/ E 270 CDI/ E 320 CDI/ E 400 CDI Front axle Summer tyres Light-alloy wheel Rear axle Summer tyres Light-alloy wheel 265/35 ZR 18 Extra Load M0 9J x 18 ET 39 245/40 ZR 18 8J x 18 ET 30 Online Version (Edition F1, 06/03) 467 Technical data Tyres and wheels ! A tyre pressure of 3.

5 bar/51 psi must be set for the collapsible emergency spare wheel*. Spare wheel* Your vehicle may be equipped with TIREFIT, a "Minispare" emergency spare wheel*, a collapsible emergency spare wheel* or a standard spare wheel* depending on the country, the engine and the wheels fitted. "Minispare" emergency spare wheel 1) Tyres Type pressure Wheel T 155/70 R 17 110 M 4,2 bar 4 x 17 ET 34 ! The maximum tyre pressure given in the table in the fuel filler flap must be set for the spare wheel. ! A tyre pressure of 4.2 bar/61 psi must be set for the "Minispare" emergency spare wheel*. Collapsible E 55 AMG wheel 1) Type pressure Tyres Wheel 3,5 bar 175/55-18 95P 6B x 18H2 ET 25 1) Use of snow chains is not possible. 468 Online Version (Edition F1, 06/03) Technical data Vehicle dimensions Vehicle dimensions Saloon E 200 Kompressor Vehicle length (ECE) Vehicle width Vehicle height Wheelbase 4,818 mm 1,822 mm 1,450 mm 2,854 mm E 320 4MATIC Vehicle length (ECE) Vehicle width Vehicle height Wheelbase 4,818 mm 1,822 mm 1,463 mm 2,854 mm E 240 4,818 mm 1,822 mm 1,450 mm 2,854 mm E 500 4,818 mm 1,822 mm 1,431 mm 2,854 mm E 240 4MATIC 4,818 mm 1,822 mm 1,462 mm 2,854 mm E 500 4MATIC 4,818 mm 1,822 mm 1,441 mm 2,854 mm E 320 4,818 mm 1,822 mm 1,449 mm 2,854 mm E 55 AMG 4,849 mm 1,822 mm 1,430 mm 2,854 mm Online Version (Edition F1, 06/03) 469 Technical data Vehicle dimensions E 200 CDI Vehicle length (ECE) Vehicle width Vehicle height Wheelbase 4,818 mm 1,822 mm 1,450 mm 2,854 mm E 220 CDI 4,818 mm 1,822 mm 1,450 mm 2,854 mm E 270 CDI 4,818 mm 1,822 mm 1,449 mm 2,854 mm E 320 CDI 4,818 mm 1,822 mm 1,449 mm 2,854 mm E 400 CDI 4,818 mm 1,822 mm 1,431 mm 2,854 mm Estate E 200 Kompressor Vehicle length (ECE) Vehicle width Vehicle height Wheelbase 4,850 mm 1,822 mm 1,496 mm 2,854 mm E 240 4,850 mm 1,822 mm 1,496 mm 2,854 mm E 240 4MATIC 4,850 mm 1,822 mm 1,499 mm 2,854 mm E 320 4,850 mm 1,822 mm 1,495 mm 2,854 mm 470 Online Version (Edition F1, 06/03) Technical data Vehicle dimensions E 320 4MATIC Vehicle length (ECE) Vehicle width Vehicle height Wheelbase 4,850 mm 1,822 mm 1,499 mm 2,854 mm E 220 CDI Vehicle length (ECE) Vehicle width Vehicle height Wheelbase 4,850 mm 1,822 mm 1,496 mm 2,854 mm E 500 4,850 mm 1,822 mm 1,485 mm 2,854 mm E 270 CDI 4,850 mm 1,822 mm 1,495 mm 2,854 mm E 500 4MATIC 4,850 mm 1,822 mm 1,495 mm 2,854 mm E 320 CDI 4,850 mm 1,822 mm 1,495 mm 2,854 mm E 55 AMG 4,871 mm 1,822 mm 1,485 mm 2,854 mm Online Version (Edition F1, 06/03) 471 Technical data Trailer tow hitch* ! Saloon Installation dimensions Risk of accident G Only have a trailer tow hitch retrofitted at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required.



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Mercedes-Benz recommends a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. If you have a trailer tow hitch retrofitted, changes may be necessary to the cooling system depending on the type of vehicle.

! Observe securing points 1 on the chassis frame when retrofitting a trailer tow hitch. P31.10-2660-31 Trailer tow hitch securing points 1 Securing points 2 Overhang dimension The overhang dimension is 1,234 mm for a factory-fitted trailer tow hitch. 472 Online Version (Edition F1, 06/03) Technical data Trailer tow hitch* Estate Trailer tow hitch securing points 1 Securing points 2 Overhang dimension The overhang dimension is 1,264.5 mm for a factory-fitted trailer tow hitch. P31.10-2661-31 Online Version (Edition F1, 06/03) 473 Technical data Trailer tow hitch* Trailer loads Saloon E 200 Kompressor Permissible trailer load, braked1) Permissible trailer load, unbraked1) 2) E 240 1,900 kg 750 kg 76 kg E 500 1,900 kg 750 kg 76 kg E 220 CDI 1,900 kg 750 kg 76 kg E 240 4MATIC 1,900 kg 750 kg 76 kg E 500 4MATIC 1,900 kg 750 kg 76 kg E 270 CDI 1,900 kg 750 kg 76 kg E 320 1,900 kg 750 kg 76 kg E 55 AMG E 320 CDI 1,900 kg 750 kg 76 kg E 400 CDI 1,900 kg 750 kg 76 kg 1,900 kg 750 kg 76 kg E 320 4MATIC Maximum drawbar noseweight Permissible trailer load, braked1) Permissible trailer load, unbraked Maximum drawbar noseweight2) 1) 1,900 kg 750 kg 76 kg E 200 CDI Permissible trailer load, braked Permissible trailer load, 1) 1,900 kg 750 kg 76 kg unbraked1) Maximum drawbar noseweight2) 1) At a minimum gradient-climbing ability of 12% from a standstill. 2) The drawbar noseweight is not included in the trailer load. 474 Online Version (Edition F1, 06/03) Technical data Trailer tow hitch* Estate E 200 Kompressor Permissible trailer load, braked1) Manual transmission: Automatic transmission: Permissible trailer load, unbraked1) Maximum drawbar noseweight Manual transmission: Automatic transmission: 2) E 240 E 240 4MATIC 2,100 kg 750 kg E 320 1,900 kg 2,100 kg 750 kg 1,900 kg 2,100 kg 750 kg 2,100 kg 750 kg 76 kg 84 kg E 320 4MATIC 76 kg 84 kg E 500 2,100 kg 750 kg 84 kg 84 kg E 500 4MATIC 2,100 kg 750 kg 84 kg 84 kg E 55 AMG Permissible trailer load, braked1) Permissible trailer load, unbraked1) 2) 2,100 kg 750 kg 84 kg Maximum drawbar noseweight 1) At a minimum gradient-climbing ability of 12% from a standstill. 2) The drawbar noseweight is not included in the trailer load. Online Version (Edition F1, 06/03) 475 Technical data Trailer tow hitch* E 220 CDI Permissible trailer load, braked Manual transmission: Automatic transmission: Permissible trailer load, unbraked1) Maximum drawbar noseweight2) 76 kg 84 kg Manual transmission: Automatic transmission: 1) E 270 CDI 1,900 kg 2,100 kg 750 kg E 320 CDI 2,100 kg 750 kg 1,900 kg 2,100 kg 750 kg 76 kg 84 kg 84 kg 1) At a minimum gradient-climbing ability of 12% from a standstill. 2) The drawbar noseweight is not included in the trailer load. 476 Online Version (Edition F1, 06/03) Technical data Vehicle weights Vehicle weights The unladen weight includes the driver (68 kg), luggage (7 kg) and all fluids (fuel tank 90% full). Items of optional equipment increase the unladen weight and reduce the maximum payload. Saloon E 200 Kompressor Unladen weight Maximum permissible gross vehicle weight Maximum permissible front axle load Maximum permissible rear axle load when towing a trailer Maximum roof load 1,570 kg 2,105 kg 1,015 kg 1,135 kg 1,195 kg 100 kg E 240 1,570 kg 2,105 kg 1,005 kg 1,140 kg 1,180 kg 100 kg E 240 4MATIC 1,690 kg 2,215 kg 1,105 kg 1,155 kg 1,200 kg 100 kg E 320 1,645 kg 2,170 kg 1,035 kg 1,180 kg 1,220 kg 100 kg Online Version (Edition F1, 06/03) 477 Technical data Vehicle weights E 320 4MATIC Unladen weight Maximum permissible gross vehicle weight Maximum permissible front axle load Maximum permissible rear axle load when towing a trailer Maximum roof load 1,730 kg 2,255 kg 1,150 kg 1,185 kg 1,213 kg 100 kg E 200 CDI Unladen weight (in accordance with EC Directive) Maximum permissible gross vehicle weight Maximum permissible front axle load Maximum permissible rear axle load when towing a trailer Maximum roof load 1,600 kg 2,135 kg 1,045 kg 1,135 kg 1,175 kg 100 kg E 500 1,725 kg 2,250 kg 1,085 kg 1,210 kg 1,250 kg 100 kg E 220 CDI 1,610 kg 2,145 kg 1,045 kg 1,145 kg 1,185 kg 100 kg E 500 4MATIC 1,805 kg 2,330 kg 1,165 kg 1,210 kg 1,255 kg 100 kg E 270 CDI 1,665 kg 2,200 kg 1,070 kg 1,175 kg 1,215 kg 100 kg E 55 AMG 1,835 kg 2,360 kg 1,165 kg 1,240 kg 100 kg E 320 CDI 1,735 kg 2,260 kg 1,120 kg 1,185 kg 1,235 kg 100 kg E 400 CDI 1,835 kg 2,360 kg 1,175 kg 1,230 kg 1,270 kg 100 kg 478 Online Version (Edition F1, 06/03) Technical data Vehicle weights Estate E 200 Kompressor Unladen weight Maximum permissible gross vehicle weight Maximum permissible front axle load Maximum permissible rear axle load when towing a trailer Maximum roof load 1,720 kg 2,295 kg 975 kg 1,320 kg 1,400 kg 100 kg E 320 4MATIC Unladen weight Maximum permissible gross vehicle weight Maximum permissible front axle load Maximum permissible rear axle load when towing a trailer Maximum roof load 1,870 kg 2,445 kg 1,075 kg 1,370 kg 1,430 kg 100 kg E 240 1,720 kg 2,295 kg 975 kg 1,320 kg 1,400 kg 100 kg E 500 1,865 kg 2,440 kg 1,060 kg 1,380 kg 1,430 kg 100 kg E 240 4MATIC 1,840 kg 2,415 kg 1,080 kg 1,335 kg 1,400 kg 100 kg E 500 4MATIC 1,945 kg 2,520 kg 1,140 kg 1,380 kg 1,430 kg 100 kg E 320 1,785 kg 2,360 kg 985 kg 1,375 kg 1,430 kg 100 kg E 55 AMG 1,990 kg 2,495 kg 1,115 kg 1,380 kg 100 kg Online Version (Edition F1, 06/03) 479 Technical data Vehicle weights E 220 CDI Unladen weight Maximum permissible gross vehicle weight Maximum permissible front axle load Maximum permissible rear axle load when towing a trailer Maximum roof load 1,785 kg 2,360 kg 1,025 kg 1,335 kg 1,400 kg 100 kg E 270 CDI 1,830 kg 2,405 kg 1,055 kg 1,350 kg 1,430 kg 100 kg E 320 CDI 1,885 kg 2,460 kg 1,085 kg 1,375 kg 1,430 kg 100 kg 480 Online Version (Edition F1, 06/03) Technical data Service products and capacities Service products and capacities Service products are fuels, lubricants e.



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g. engine oil, transmission oil, greases coolant and brake fluid. MercedesBenz recommends that you only use products which have been tested and specially approved by Mercedes-Benz for your vehicle which are listed in the Mercedes-Benz Owner's Manual since: parts and service products are matched damage caused by the use of nonapproved service products is not covered by the warranty You can obtain further information from any Mercedes-Benz Service Centre. Environmental note Risk of accident G Fuels Risk of injury Fuel is highly flammable. Smoking, fire and naked flames are prohibited when handling fuels.

Do not allow fuel to come into contact with skin or clothing. Your health could be damaged if: you spill fuel onto your skin you inhale fuel vapours When handling, storing and disposing of service products, please observe the relevant regulations. Failure to do so could endanger people and the environment.

Keep service products away from children. See a doctor immediately if any service product is swallowed. G H Dispose of service products in an environmentally-responsible manner. Online Version (Edition F1, 06/03) 481 Technical data Service products and capacities Tank capacity Amount in litres E 200 Kompressor E 240/E 240 4MATIC E 320/E 320 4MATIC E 500/E 500 4MATIC E 55 AMG E 200 CDI E 220 CDI E 270 CDI E 320 CDI E 400 CDI of which reserve fuel: Saloon 65 65 80 80 80 65 65 65 80 80 Estate 70 70 80 80 80 70 70 80 approximately 8 9 litres approximately 8 9 litres 482 Online Version (Edition F1, 06/03) Technical data Service products and capacities Fuel consumption The consumption figures were determined in accordance with EU Directive 1999/100/EC under the following test conditions: Urban driving conditions are simulated by frequent pulling away and stopping. Common extra-urban driving conditions are simulated by accelerating from 0 to 75 mph (120 km/h) using all gears. Total fuel consumption is calculated using a weighting of approximately 37% for urban driving and approximately 63% for extra-urban driving. The vehicle will use more fuel than usual in the following situations: at very low temperatures in urban traffic on short trips when towing a trailer in mountainous terrain Mercedes-Benz is constantly updating its vehicles to the state of the art.

Consumption values are subject to change and may therefore differ from those listed here, which were correct at the time of going to print. The current consumption values may be found in the COC documents (EC CERTIFICATE OF CONFORMITY). These documents are supplied when the vehicle is delivered. i The actual consumption values of your vehicle may deviate from the values given depending on: your style of driving road and traffic conditions environmental influences the vehicle's condition Online Version (Edition F1, 06/03) 483 Technical data Service products and capacities ! Do not use fuel additives as they could lead to increased wear and engine damage. The use of fuel additives limits warranty claims. Environmental note H CO₂ (carbon dioxide) is the gas which scientists currently consider to be chiefly responsible for warming the earth's atmosphere (greenhouse effect). Your vehicle's CO₂ emissions vary directly in accordance with fuel consumption and depend on: the efficient use of fuel by the engine the style of driving other non-technical factors, such as environmental influences or road conditions You can contribute towards minimising CO₂ emissions by driving carefully and having your vehicle serviced regularly. 484 Online Version (Edition F1, 06/03) Technical data Service products and capacities Fuel consumption (Saloons) in accordance with Directive 1999/100/EC (Directive concerning carbon dioxide emissions and the fuel consumption of motor vehicles) Amount in litres per 100 km 6-speed manual transmission Urban Extra-urban Total (NEDC) CO₂ emissions (g/km) Automatic transmission* Urban Extra-urban Total (NEDC) CO₂ emissions (g/km) 1) Only available for certain countries.



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E 200 Kompressor 11.6 6.

1 8.4 202 E 2401) E 240 4MATIC E 320 15.4 7.4 10.5 252 12.

8 6.4 8.7 209 14.7 7.1 9.

9 238 15.1 8.2 10.6 255 14.4 7.5 9.9 238 Online Version (Edition F1, 06/03) 485 Technical data Service products and capacities Amount in litres per 100 km 6-speed manual transmission Urban Extra-urban Total (NEDC) CO2 emissions (g/km) Automatic transmission* Urban Extra-urban Total (NEDC) CO2 emissions (g/km) E 320 4MATIC E 500 E 500 4MATIC E 55 AMG 14.9 7.8 10.4 250 17.

3 7.5 11.1 258 17.7 8.8 11.9 285 19.1 9.3 12.9 310 486 Online Version (Edition F1, 06/03) Technical data Service products and capacities Amount in litres per 100 km 6-speed manual transmission Urban Extra-urban Total (NEDC) CO2 emissions (g/km) Automatic transmission* Urban Extra-urban Total (NEDC) CO2 emissions (g/km) 1) Only available for certain countries. E 200 CDI 8.

7 5.0 6.3 167 E 220 CDI1) 8.5 4.8 6.

1 162 E 270 CDI1) 9.3 5.2 6.7 178 E 320 CDI E 400 CDI 8.6 5.

1 6.4 168 8.9 5.1 6.5 172 10.1 5.4 7.1 188 9.4 5.4 6.

9 183 13.5 7.1 9.4 247 Online Version (Edition F1, 06/03) 487 Technical data Service products and capacities Amount in litres per 100 km 6-speed manual transmission Urban Extra-urban Total (NEDC) CO2 emissions (g/km) Automatic transmission* Urban Extra-urban Total (NEDC) CO2 emissions (g/km) E 200 CDI1) 8.5 5.1 6.3 167 E 220 CDI1) 8.6 5.1 6.4 169 8.

9 5.3 6.6 175 9.2 5.4 6.

8 179 1) Equipped with a EURO4-standard engine with diesel particle filter*. 488 Online Version (Edition F1, 06/03) Technical data Service products and capacities Fuel consumption (Estates) in accordance with Directive 1999/100/EC (Directive concerning carbon dioxide emissions and the fuel consumption of motor vehicles) Amount in litres per 100 km 6-speed manual transmission Urban Extra-urban Total (NEDC) CO2 emissions (g/km) Automatic transmission* Urban Extra-urban Total (NEDC) CO2 emissions (g/km) 1) Only available for certain countries. E 200 Kompressor 12.9 6.8 9.

1 218 E 2401) E 240 4MATIC E 320 16.5 8.3 11.4 274 13.3 7.0 9.4 225 15.9 8.0 10.9 262 15.

2 8.3 10.9 262 15.7 7.6 10.6 254 Online Version (Edition F1, 06/03) 489 Technical data Service products and capacities Amount in litres per 100 km 6-speed manual transmission Urban Extra-urban Total (NEDC) CO2 emissions (g/km) Automatic transmission* Urban Extra-urban Total (NEDC) CO2 emissions (g/km) E 320 4MATIC E 500 E 500 4MATIC E 55 AMG 15.4 8.2 10.8 260 17.3 8.

4 11.6 276 18.2 9.2 12.3 296 20.

1 9.8 13.6 326 490 Online Version (Edition F1, 06/03) Technical data Service products and capacities Amount in litres per 100 km 6-speed manual transmission Urban Extra-urban Total (NEDC) CO2 emissions (g/km) Automatic transmission* Urban Extra-urban Total (NEDC) CO2 emissions (g/km) 1) 2) 3) 4) E 220 CDI1) 9.6 5.3 6.

9 183 E 270 CDI1) 9.7 5.5 7.1 188 E 320 CDI E 220 CDI2) 3) 7.24) 9.6 5.6 7.1 188 10.0 5.6 7.

2 193 10.1 5.7 7.3 194 7.44) Only available for certain countries. Equipped with a EURO4-standard engine with diesel particle filter*. Missing values were not available at the time of going to print. Provisional values. Online Version (Edition F1, 06/03) 491 Technical data Service products and capacities Engine oil The following values indicate the various total engine capacities. Engine with oil filter Amount in litres E 200 E 240 E 500 Kompressor E 240 4MATIC E 320 E 320 4MATIC E 500 4MATIC 5.

5 8.0 7.5 E 55 AMG Replacement amount Engine with oil filter Amount in litres Replacement amount 8.5 E 200 CDI E 220 CDI E 270 CDI 6.5 E 320 CDI E 400 CDI 7.

5 9.5 492 Online Version (Edition F1, 06/03) Technical data Service products and capacities You may use any passenger-vehicle engine oil which has been tested and approved by Mercedes-Benz.



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A list of tested and approved engine oils may be obtained from any Mercedes-Benz Service Centre. Some oil containers may also be marked "Approved in accordance with MB Sheet 229.1, 229.

3 or 229.5", for example. The Mercedes-Benz Specifications for Service Products, Sheets 229.3 and 229.5, apply to: E 200 Kompressor The Mercedes-Benz Specifications for Service Products, Sheets 229.1, 229.3 and 229.5, apply to: E 240 E 240 4MATIC E 320 E 320 4MATIC E 500 E 500 4MATIC E 55 AMG The Mercedes-Benz Specifications for Service Products, Sheets 229.3 and 229.5, apply to vehicles without a diesel particle filter: E 200 CDI E 220 CDI E 270 CDI E 320 CDI E 400 CDI Mercedes-Benz Specifications for Service Products Sheet 229.

31 applies to vehicles equipped with a EURO4 standard engine with diesel particle filter: E 200 CDI E 220 CDI P18.00-2064-31 Engine oil viscosity Select the SAE class (viscosity) of the engine oil according to the average seasonal ambient temperature, using the following overview as a guide. The temperatures shown are guidelines only, and brief deviations either way are permitted. ! Do not use lubricant additives. They may lead to increased wear and damage of the assemblies. The use of fuel additives limits warranty claims. Online Version (Edition F1, 06/03) 493 Technical data Service products and capacities Coolant The following values indicate the total cooling system capacities. E 200 Kompressor Coolant down to 37 °C (approximately 50%) down to 45 °C (approximately 55%) 9.2 litres E 240 10.0 litres E 240 4MATIC 10.

0 litres E 320 10.0 litres Antifreeze/corrosion inhibitor concentration for antifreeze protection 4.6 litres 5.1 litres E 320 4MATIC Coolant down to 37 °C (approximately 50%) down to 45 °C (approximately 55%) 10.0 litres 5.

0 litres 5.5 litres E 500 11.3 litres 5.0 litres 5.5 litres E 500 4MATIC 11.

3 litres 5.0 litres 5.5 litres E 55 AMG 13.2 litres Antifreeze/corrosion inhibitor concentration for antifreeze protection 5.0 litres 5.5 litres 5.7 litres 6.2 litres 5.7 litres 6.2 litres 6.

6 litres 7.3 litres ! For the E 55 AMG, only add premixed coolant with the required antifreeze protection. You could otherwise damage the engine. 494 Online Version (Edition F1, 06/03) Technical data Service products and capacities E 200 CDI Coolant down to 37 °C (approximately 50%) down to 45 °C (approximately 55%) 10.2 E 220 CDI 10.2 E 270 CDI 11.7 E 320 CDI 12.6 E 400 CDI 15.3 Antifreeze/corrosion inhibitor concentration for antifreeze protection 5.1 5.

6 5.1 5.6 5.9 6.4 6.

3 6.9 7.7 8.4 Online Version (Edition F1, 06/03) 495 Technical data Service products and capacities The coolant is a mixture of water, antifreeze and corrosion inhibitor. It performs the following functions in the cooling system: Anti-corrosion protection Antifreeze protection Raising the boiling point The antifreeze and corrosion inhibitor concentration in the cooling system should be: at least 50%.

This will protect the cooling system against freezing down to around 37 °C. Do not exceed 55% (antifreeze protection down to 45 °C) otherwise heat will not be dissipated so effectively. If the vehicle is losing coolant, top it up with equal amounts of water and antifreeze and corrosion inhibitor. Mercedes-Benz recommends an antifreeze and corrosion inhibitor which has been approved for Mercedes-Benz. ! The cooling system contains a lifetime supply which must be renewed after 15 years, or after 150,000 miles (250,000 km) at the latest. Mercedes-Benz recommends an antifreeze and corrosion inhibitor which has been approved for Mercedes-Benz. ! Always use a suitable coolant, even in countries with high temperatures. Otherwise the cooling system will not be sufficiently protected from corrosion, and the boiling point will be too low. If antifreeze and corrosion inhibitor is present in the correct concentration, the boiling point of the coolant will be around 130 °C. 496 Online Version (Edition F1, 06/03) Technical data Service products and capacities Brake fluid Over a period of time, the brake fluid absorbs moisture from the air; this reduces its boiling point.



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Risk of accident Windscreen washer system On all models, the windscreen washer fluid reservoir holds 4.5 litres. On vehicles with a headlamp cleaning system, it holds 7.0 litres. The headlamp cleaning system* and the windscreen washer system have a common supply from the washer fluid reservoir. Fill the windscreen washer fluid reservoir with a solution of water and windscreen washer fluid concentrate. Adapt the mixing ratio to the outside temperatures. The windscreen wipers leave no marks. The headlamp cleaning system and the windscreen washer system do not freeze. Risk of fire G G Windscreen washer concentrate is highly flammable.

Fire, naked flames and smoking are prohibited when windscreen washer concentrate is being handled. If the boiling point of the brake fluid is too low, vapour pockets may form in the brake system when the brakes are applied hard (e.g. when driving downhill). This would impair braking efficiency.

Have the brake fluid renewed every two years. i There is usually a notice in the engine compartment to remind you when the next brake fluid change is due. Online Version (Edition F1, 06/03) 497 Technical data Frequencies for garage door openers* Country Radio Type-approval number 27 MHz 26.975 27.280

26.
975 27.283 Frequency range 30 MHz, 418 MHz 40 MHz 40.66 40.7 40.66 40.7 433 MHz 433.87 433.97 433.05 434.79 433 26.

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05 434.79 433.05 434.79 Austria Belgium Chile Cyprus Czech Republic Denmark Germany Finland France French Guyana GZ104569-ZB/98 RTT/D/X 2064 Government specification MCW129/95 12/ 2000 CTU 2000 3 R1194 98.3142-266 D800038K F198080106 97619 RD 97619 RD 498 Online Version (Edition F1, 06/03) Technical data Frequencies for garage door openers* Country Radio Type-approval number 27 MHz 26.

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