

The Daimler logo is presented in a dark grey rectangular box with the word "DAIMLER" in a light grey, serif, all-caps font.

# **ENERGIZING seat kinetics: Active sitting whilst driving**

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**Good for the back: The new ENERGIZING seat kinetics supports orthopaedic changes in the seating posture by means of minute changes to the inclination of the seat cushions and backrest. The innovation is available for the front seats in combination with all-electric seat adjustment with memory function.**

"The best seat position is the next one" - this is what many doctors say about sitting in the car, because sitting in almost the same position for several hundred kilometres and many hours is not good for the back or discs. Mercedes-Benz is now introducing an innovation in the new B-Class that supports switching seating positions in the form of ENERGIZING seat kinetics.

ENERGIZING seat kinetics uses the electric seat adjustment. If the driver selects this programme, the inclination of the seat cushions and backrests are continuously minutely adjusted using the seat settings selected by the driver and the front passenger as the starting point (the so-called "Home" position). The changes are only minimal - a few degrees or millimetres. The "closed" position is initially started (whereby the seat cushion is inclined backwards and the backrest forwards), followed by the corresponding "open" position with the opposite inclination. If multicontour seats are installed, the ENERGIZING seat kinetics also include the lumbar support function.

Slightly changing position during the trip improves back health because the natural strain and relief of muscles, joints and discs can lead to muscle relaxation and improved supply of nutrients to the joints and discs.

ENERGIZING seat kinetics is based on a patented algorithm and offers three programmes for short, medium-length and long journeys. These are different depending on the number of adjustment cycles. Convenient selection of the programmes is visually supported via the MBUX (Mercedes-Benz User Experience) media display.

The system is based on an invention by Comfort Motion Global (CMG) and was significantly refined by Mercedes-Benz for series use in the automobile. The brand's seating experts optimised the angle of adjustment and the number of cycles, among other things, and they also established that the system should be stopped when braking and fast cornering. If PRE-SAFE® measures are initiated in an emergency situation, the ENERGIZING seat kinetics are completely deactivated. Mercedes-Benz tested the system with the aid of extensive test subjects on the roads, thereby confirming the system's benefits and acceptance.

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