Relaxed journeys in the new ID.7 with ergoActive premium seats



New generation of VW seats with massage function and – for the first time – they can even activate muscle groups in the spine and pelvic regions

- Automatic air conditioning function in the seat measures the temperature and moisture levels, automatically adjusts settings, and creates a comfortable climate
- ergoActive premium seats developed in conjunction with the German Campaign for Healthier Backs (AGR)

Optimum travel comfort was one of the most important goals during the development of the ID.7, Volkswagen's first electric model for the upper mid-sized class. The new optional ergoActive premium seats, which have been certified by the German Campaign for Healthier Backs (AGR), make a significant contribution to this outstanding comfort. The new front seats combine comfort with innovative massage programmes, automatic air conditioning and an advanced activation function for muscle groups in the spine and pelvic regions.

While they were designing the new generation of seats for the ID.7, Volkswagen's engineers worked with experts from theGerman Campaign for Healthier Bac (AGR). In collaboration with orthopaedic specialists, physiotherapists and sports scientists from AGR, they have managed to create Volkswagen's first front seats that activate the pelvis and spine. In addition to 10 air cushions used for pressure point massage in the backrests, this is primarily achieved by two air cushions in the seat. These cushions work alternately and – in combination with the massage function – can relieve tension and help the occupant from sitting in the same position for too long.

Ulrich Kuhnt, consultant to AGR and Chair of the German Association of Back Schools, explains:

Lifting up the sit bones tilts the pelvis. This then produces a

slight rotation of the spine, which is additionally supported by the air cushions in the back. These small movements extend all the way up to the cervical spine. They prevent tension from building up and can even increase concentration.

Vehicle occupants will also benefit from this in the long term, says the expert: "Torsion of the spine stimulates metabolic processes in the spinal discs. In combination with the stochastically controlled massage programmes, this encourages back-friendly, dynamic sitting.

With its new front seats, the ID.7 sets new standards in the upper mid-sized class. In addition to this unique pelvic activation function, the new ergoActive premium seats also offer pneumatic pressure point massage. This helps to relax and activate the back muscles. Two rows of five air cushions are used to achieve this. Specific programme sequences, lasting between 10 and 30 minutes, enable the massage function to be tailored to the user's needs. Electric 12-way seat adjustment and manual two-way seat depth adjustment with thigh support help front seat occupants to find their own preferred seat positions. A memory function also means positions can be saved.

Helps feeling fresh and alert on journeys. The ergoActive premium seats also offer dynamic air conditioning, which controls the seat cushion and backrest separately from one another. The seat can therefore be heated and ventilated individually. The interaction between these functions means that, for the first time, each user's ideal seat temperature can also be created independently in automatic mode. To achieve this, the temperature and moisture levels are measured in the contact zone between the seat and the passenger and compared with other climate-relevant factors and preferred settings. This information is then used to calculate an individual optimum climate. In addition to automatic mode, users can also choose between three smart climates: warm, dry or cool. A heating and cooling function that is located close to the body like this can help to increase occupants' wellbeing. The energy needed for this process is lower than the energy needed to adjust the temperature of the entire vehicle interior.

Functions are easy to control. A number of options are available for operating the ergoActive premium seats: the adjustment functions can be controlled directly using buttons on the seat. In addition, the infotainment system display can be used to access the programmes

for the ergoActive premium seats. In the second row of seats in the ID.7, there are three settings for heating the seat cushions and backrests. This function is operated using buttons in the centre console.

Seats are included in the optional interior package Plus. Thanks to optional, clearly designed equipment packages, the ID.7 is particularly easy to configure. The ergoActive premium seats in the ID.7 are part of the optional interior package Plus for 4,450 euros. The Plus package also includes features such as a 700-Watt sound system from Harman Kardon (with 14 high-end loudspeakers including a front centre speaker and subwoofer in the luggage compartment) and a background lighting system with 30 different colours.

Press release distributed by Wire Association on behalf of Volkswagen, on Sep 24, 2023. For more information subscribe and follow us.

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