



For the first time, the independent AGR seal of approval committee has tested the entire seat system of a car, i.e. front seats and rear seats.

VW Phaeton - certified sitting comfort for all occupants

While various car manufacturers seem to have an apparently insoluble problem with providing a thoroughly back-friendly driver's seat, the VW Phaeton has been developed as a vehicle that permits back-friendly

journeys for all occupants. We congratulate Volkswagen AG, which presents its vehicle seats below.

The completely new development of the seats has focused on the individual human aspects. The motto is to generate a feel-good, "homely" effect in the interests of hitherto unprecedented comfort.

Volkswagen has a tradition of developing seats with an ergonomically advantageous design. Such seats offer excellent comfort not just for short trips but particularly also on long journeys and for frequent drivers. Furthermore, safety and versatility are priority aspects in every seat development at Volkswagen.

The primary comfort, i.e. the comfort felt directly by the body, is generated by elaborate upholstery and coverings. This applies to both the front seats and the rear seats. Upholstery padding of multizone foam supplements the feel-good effect. The resulting seat contour offers comfort with the secure feeling of sporty side guidance.



All seat variants are available in finest leather. In the past, this leather was used only for the most exquisite Italian furniture. It offers unique haptic properties and surface characteristics.

An active headrest system is integrated as a standard safety feature. In the event of a rear-impact crash, the reversible system is triggered by the inertia of the occupant. A deflection mechanism in the back of the seat

moves the headrest up forwards, thus reducing the distance to the head and helping to counteract the risk of injuring the cervical spine (whiplash injury). Both the front and rear seats are fitted with side airbags as a standard feature for optimum protection of the vehicle occupants.



The basic version of the Phaeton already has electrically adjusted front seats with twelve possible settings to fulfil all anthropometric demands for secondary comfort (sitting position) so that large and small passengers alike sit correctly, comfortably and safely in the car. The 12-way basic seat comes with electrically adjusted settings for the longitudinal, height and tilt adjustment of the seat, together with tilt and depth of the backrest and height of the lumbar support, so that the seat position can be adjusted to many different body sizes and ergonomic requirements. The manually adjusted headrest covers a full range of positions to provide comfort and safety even for extreme body sizes.

The basic seat can be upgraded with various add-on packages that can also be combined at will. Besides fabric coverings in three colours, two types of leather are also available, each in five different colours.

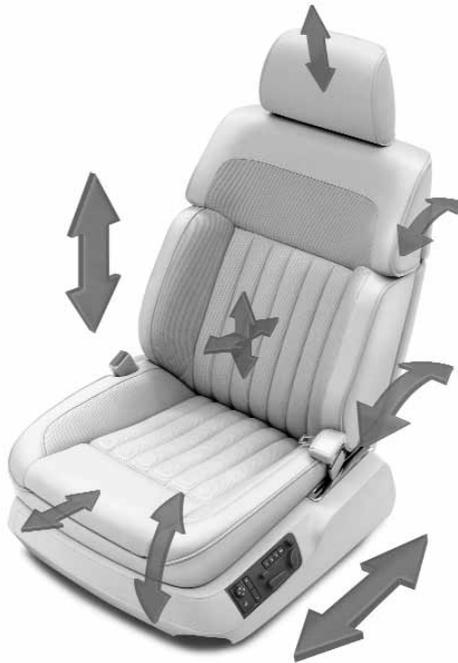
The seat switch is easily reached in a clearly visible position on the outside of the seat moulding. A memory package not only offers many other vehicle-specific settings but can also be used to adjust and save the front seat settings for three different people with allocation according to the individual radio keys.

Furthermore, this particular version comes with a new drive control for improved acoustic and load behaviour, eliminating the influence played by the various loads on the seat and in combination with changing ambient conditions. Moreover, the "jolting" into the mechanical stopper that is typical for electrically adjusted seats has been avoided by electronic control of the final position. In addition, a gentle, controlled start-up has been implemented.

All these points contribute to the maximum adjusting comfort.

The ventilation/massage package puts comfort onto a new level. The axial fans positioned under the seat and backrest padding ensure a physiologically harmless flow of secondary cooled interior air

to the sitting passenger. The permeable sandwich padding lets the fanned air escape homogeneously at the perforated seat surface. The air then flows through the seat heating which is offered in combination as a standard feature, so that the air is



heated as needed according to an intelligent control algorithm. It is not possible for the passenger to get too cold even when the fan is running at maximum speed. The Phaeton has the first and only seat AC system that operates continuously without time limits.

The massage function works with the electric four-way lumbar support. It moves the lumbar support automatically up and down in its movement directions for a few minutes. This moves the spinal column so that the back muscles relax, with individually adjustable intensity.

High-end secondary comfort is offered in the top specification version with what is known as the 18-way seat. This seat with AGR seal of approval includes all the functions of the 12-way seat and also features additional adjustment of the backrest head, electrically adjusted headrest and seat depth adjustment for the most individual and comfortable seat setting.

The rear seats are just as good as the front seats. Together with two 3-seat rear bench variants, with the top specification versions providing the ventilation/massage package with electric headrest for the outer seats, the Phaeton can also have two individual rear seats.



They have electrical adjustment of the seat length and tilt, with the longitudinal adjustment changing the backrest tilt to permit a comfortable resting position. Together with the electrical headrests, other standard features also include the ventilation/massage package and the memory package. The adjustment switches for the rear seats are ergonomically in easy reach on the centre console

and can be used to save the settings for two seat positions as well as

making it possible to adjust of the passenger seat from the rear. When the doors are opened, the individual seats move automatically to the rearmost position to make it easier to get into and out of the vehicle. In addition,



the headrests are raised when the seat is in use and return to the original position when the passenger leaves the seat. Seat occupancy detection ensures there is a clear view to the rear.
