

## EIGHT POINTS FOR CORRECT SEATING

**1.** Push your bottom as near as possible to the backrest. The distance from the seat to the pedals is adjusted so that your knee is slightly bent when the pedals are fully depressed.

**2.** Rest your shoulders as closely as possible on the backrest. Set the backrest tilt so that the steering wheel is easy to reach with slightly bent elbows. Shoulder contact must be maintained when the steering wheel is turned.

**3.** Set the seat height as high as possible. This ensures an unobstructed view to all sides and all displays on the instrument panel.

**4.** Set the seat cushion tilt so that it is easy to depress the pedals fully. The thighs should rest gently on the seat cushion without exerting pressure on it. Check the backrest tilt before starting the engine.

**5.** Adjust the extendable seat cushion so that the thighs rest on it to just above the knee. Rule of thumb: two to three fingers Space between the edge of the seat and the hollow of the knee.

**6.** The lumbar support has been adjusted correctly when the lumbar part of the back is supported in its natural shape.

**7.** The seat's side bolsters should fit so snugly to the body that the upper body is supported comfortably at the sides without being restricted.

**8.** If possible, adjust the upper edge of the headrest to the same height as the top of the head.

Tilt: The distance to the head should be approx. 2 cm.

### SYMBOLS TAILORED COMFORT

Lumbar support	Extendable seat cushion	Adjustable side bolsters
Height adjustment	Tilt adjustment	Flat seat cushion for getting in and out with ease
Seat heating	Heating and air conditioning (RECARO climate package)	

### SYMBOLS SAFETY

Seat with ABE (German general type approval) component certification	Available with optional universal side airbag
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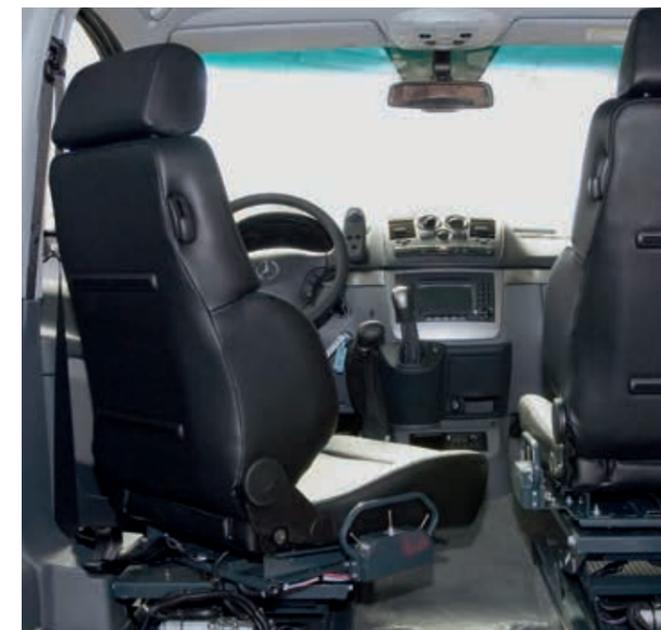
## MOBILITY COMPACT



## RECARO – KEEPING PEOPLE MOBILE COME WHAT MAY

As market leaders in the field of ergonomic seats, RECARO offers a product that is compatible with virtually any type of vehicle. This also applies to special orders for vehicles used by people with limited mobility. In many cases, a RECARO seat ensures the holy grail of autonomous mobility.

With a company tradition stretching back over more than 100 years, RECARO has built comprehensive expertise covering all aspects of seated mobility. For many people with back problems, ergonomic seats from RECARO have been an important factor in their ability to continue enjoying driving. But the range of applications for these ergonomic seats goes far beyond that target group: even people with limited mobility – from prosthetic wearers right through to paraplegics – need seats in their cars and wheelchairs alike that offer both superb ergonomic comfort and the greatest possible range of adjustment options. On both these counts RECARO seats score maximum points.



**RECARO Ergomed E & ES**  
Certified and recommended by Association Forum Healthy Back – Better Living and Federal Association of German Back Schools.  
More information: [agr-ev.de](http://agr-ev.de), Stader Str. 6, D - 27432 Bremervörde, Phone +49 4761/92 63 580, [www.agr-ev.de/en/back-friendly-products/back-friendlyproducts/2903-carseats](http://www.agr-ev.de/en/back-friendly-products/back-friendlyproducts/2903-carseats)

## CUSTOMIZING THE SEAT TO SUIT THE DRIVER IS OUR STANDARD

In principle, any of the RECARO ergonomic seats may be suitable for people with impaired mobility; however, the majority of conversions opt for the versatile variants of the RECARO Specialist, Expert, and Ergomed models.

"Standard vehicle seats are only very rarely suitable for the needs of our customers," explains Rudolf Zawatzky, whose company, Mobilcenter Zawatzky, specializes in vehicle conversions for people with impaired mobility.

Many times standard seats in modern cars even present problems to people with "non-standard body dimensions." For people with limited mobility, the right seat is vital to ensuring that a vehicle can be operated and driven safely. "We usually recommend ergonomic RECARO seats to our customers," explains Mr. Zawatzky, an expert in vehicle conversions. "The extensive range of different adjustments is absolutely indispensable in many cases. The ease with which the length of the seat surface can be adjusted is another big advantage."

Then there is also the possibility of supplying RECARO seats with the original covers of certain vehicle manufacturers. Many people purchasing specially adapted vehicles want their vehicle to appear "converted" as little as possible. The way in which a RECARO seat is used depends on the requirements of each client's individual situation. Many people request a variety of seat and base frame conversions to make getting into and out of the vehicle especially easy. The range of solutions

goes from a relatively simple manually operated swivel seat through electrically extendable seats with a hoist function right up to the extremely flexible fully electric 6-way seat that can be moved in every plane at the touch of a button. This type of model may enable wheelchair users to conveniently move within their vehicle (generally vans or minibuses) from their wheelchair onto the driver's seat, which swivels to the rear or to the side.

"One important advantage of RECARO seats is the strength of their side bolsters, which can also be adjusted easily," explains Mr. Zawatzky. "Especially for those with weak muscles in their torsos or for paraplegics, really good support for their sides is a crucial factor in a car.

They cannot adequately counteract the lateral forces that occur when turning corners. That's why in such cases I always recommend a RECARO seat for the TÜV pre-inspection when designing a vehicle conversion."

For drivers with severely impaired mobility it is possible to use a purpose-built electric wheelchair in lieu of the driver's seat. To achieve this the driver positions his or her wheelchair in front of the steering wheel.

A special anchoring system in the vehicle floor, which has been inspected by TÜV and passed as safe in the event of a crash, securely locks the wheelchair in the vehicle – and off you go. The only seats that should be used as wheelchair seats in this situation are RECARO ergonomic seats mounted on a special electrically-operated frame.



## RECARO Ergomed E and ES (with or without airbag)



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### Highlights:

The classic seat for people with back problems

### Product benefits:

- Electro-pneumatically adjustable side bolsters for backrest and seat cushion (Ergomed ES)
- Height and tilt adjustment for optimum distribution of pressure on backside and thighs
- Dual-chamber lumbar support allows the seat ergonomics to be smoothly adjusted without pressure points
- Extendable seat cushion
- RECARO climate package: seat ventilation and heating create the ideal seat temperature
- Integrated universal side airbag (transfer to another vehicle possible)



## RECARO Expert and Specialist

### Highlights:

Seat suitable for disabled persons; can also be used for electric wheelchairs

### Product benefits:

- Modular seat concept ensures an almost unlimited number of applications
- Two backrests and three seat cushions (S,M,L) for a customized seat
- Available with electric backrest adjustment and therefore especially well-suited for use with electric wheelchairs

### RECARO Expert backrest

Pronounced lateral support with individually adjustable backrest side bolsters

### RECARO Specialist backrest

Good lateral support due to pre-formed side bolsters

### Design S

Short seat cushion with flat side bolsters enable paraplegics easy entry and exit; suitable for small to medium-sized people

### Design M (Easy Access)

Long and very flat seat cushion allows paraplegics easy entry and exit; suitable for medium-sized to large people, for drivers who have to get in and out of the vehicle often and for vehicles with a high entry and exit point; extendable seat cushion

### Design L

Long seat cushion with high side bolsters; ideal for medium-sized to large people who value good, sporty side support when driving; extendable seat cushion



Design S



Design M



Design L



RECARO Expert S



RECARO Specialist M

