

**MSG85**



**GRAMMER**

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**GRAMMER:** *Seating comfort for high demands!*

*You have acquired a **GRAMMER** seat. Congratulations!*

*Take your seat please, and enjoy the ultimate in seating comfort and safety.*

*You will be enjoying a driver seat characterized by user-friendliness and a high degree of adaptability.*

*With your new seat you are not only preserving your health; you are improving your performance and efficiency as well.*

*Have a good trip, with best wishes from  
your **GRAMMER** Team*

Imprint

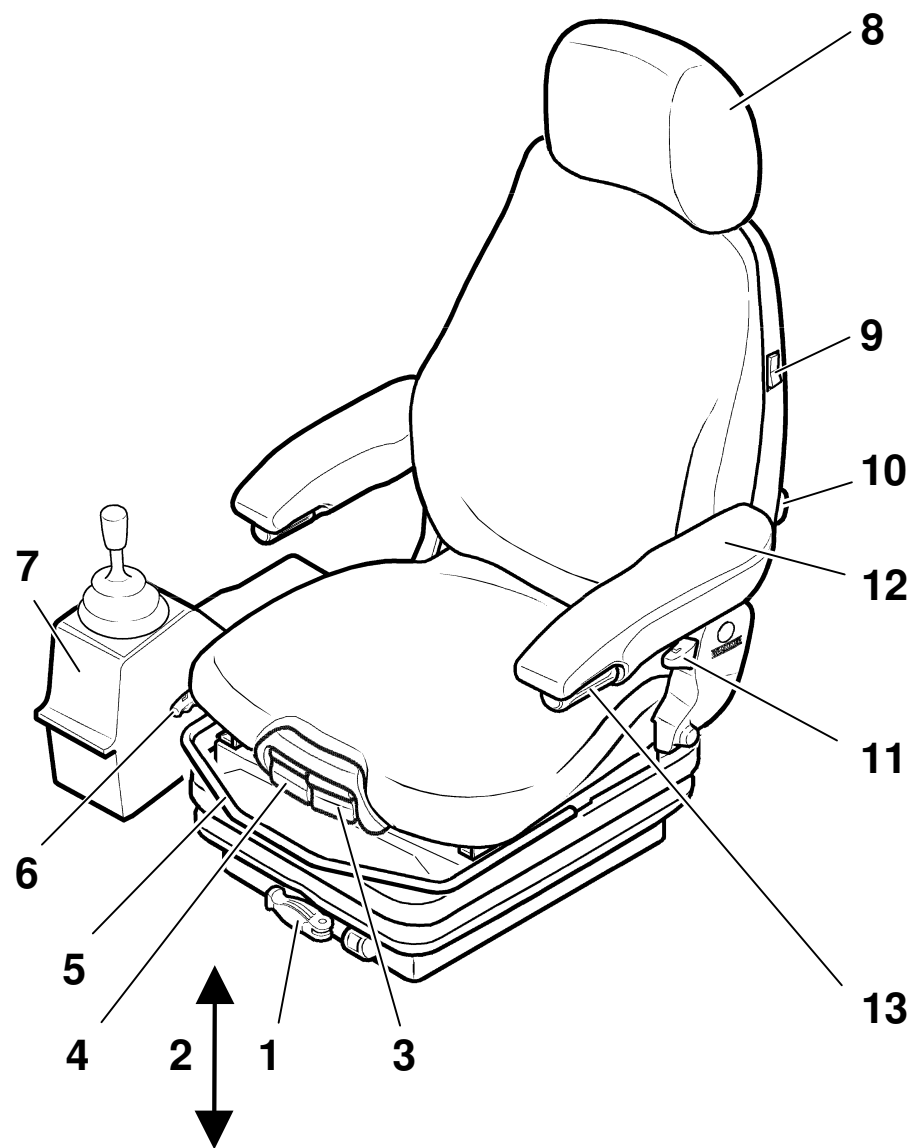
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Amberg, 03/2003





## Operating instructions

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\* if fitted    \*\* optional extra    \*\*\* depending on model



## General instructions

- The operating instructions should be read in full before use.
- The operating instructions should be kept in the vehicle and always be at hand.
- The driver seat may only be fitted, serviced and repaired by specialist personnel, in accordance with national regulations and the vehicle manufacturer's fitting instructions. In the event of incorrect assembly and/or repair, all warranty and liability claims shall be null and void.  
The national fitting regulations can be obtained from **GRAMMER** or from agencies of the company, or from the vehicle manufacturer.
- A correctly functioning and individually adjusted driver seat is essential to your health. Take adequate care of your seat and have it serviced regularly to ensure that it functions correctly.



The functional checks should be carried out at least as regularly as vehicle services (see maintenance plan for vehicle).



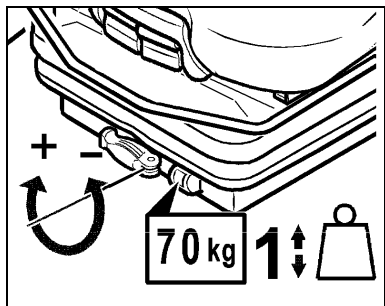
## Safety instructions

- To prevent damage to the driver's back, the seat must be adjusted for the driver's weight **before use** and **before every change of driver**.
- To prevent injury, **no objects should be placed within the moving area** of the driver seat.
- To eliminate any risk of accident, the settings must be checked to ensure they are correctly engaged before the vehicle is driven.
- Adjustments must **not** be made **while driving**.
- **When the backrest upholstery has been removed**, the backrest frame must be supported, for example held in place, before the backrest adjuster is operated. If you fail to do so, there is a **danger that the backrest frame may jerk forward and cause injury**.
- If you make any changes to the standard seat (for example fitting parts which are not original **GRAMMER** parts) it may no longer meet the safety standards to which it is tested. **Functions may be impaired**, threatening your **safety**. For this reason, **any change in design of the seat** must be approved by **GRAMMER**.
- Seatbelts can be retrofitted to the driver seat. **Seatbelts may only be fitted on the approval of the vehicle manufacturer**, as they increase the load in the seat mounting area. Seatbelts must be fitted in accordance with specific national regulations and guidelines, and must be approved by **GRAMMER**.

## Safety instructions

- Seatbelts must be fastened **before driving**.  
**The seatbelts must be replaced** after an accident.  
Where seatbelts are fitted to the driver seat, the **seat** and **seat mounting** must be checked **additionally** by specialist personnel after an accident has occurred.
- Fasteners must be **checked regularly for tightness**. If the seat wobbles there may be loose bolts or other faults.  
If the seat does not function correctly (for example the seat suspension), **contact a specialist workshop immediately** to arrange for repairs to be carried out.  
If you fail to do so, your health may be affected and the **risk of accident increased**.
- Seats with a built-in switch (to deactivate component units when leaving the seat or the vehicle) may only be installed **with the prior approval of the vehicle manufacturer**, and may only be operated together with additional safety devices in the vehicle.
- Before driving the vehicle, the **function** of any switches fitted in the seat must be checked.  
If malfunctions are detected the vehicle must not be driven.  
– **INCREASED RISK OF ACCIDENT** –
- **Loads must not be placed on seats with a built-in switch**, except for the driver's weight during normal use, as the vehicle may otherwise start to move by itself.  
– **INCREASED RISK OF ACCIDENT** –
- **GRAMMER** can provide no guarantee for damage resulting from incorrect assembly, use or repair of the driver seats.

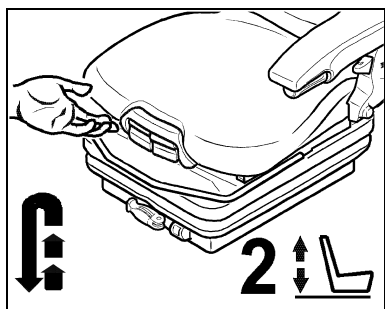
## Seat functions and operation



### Weight adjustment

The seat is adjusted for the driver's weight by turning the weight adjuster lever with the seat empty. The set weight can be read from the indicator.

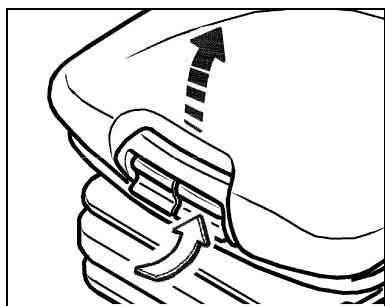
☞ To prevent damage to the health, the setting for the driver's weight must be checked and adjusted as necessary before the vehicle is driven.



### Height adjustment

The seat height can be adjusted with several settings.

Raise the driver seat to the required height until it audibly latches into place. When the seat is raised above the highest setting (endstop) it drops back down to the lowest position.



### Seat pan angle adjustment

The angle of the seat pan can be individually adjusted.

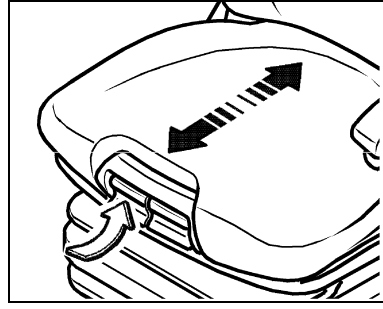
To adjust the angle of the seat pan, lift the L/H handle (see arrow). By exerting pressure on or off the seat pan it can be moved to the desired angle position.

## Seat functions and operation

### Seat depth adjustment

The depth of the seat pan can be individually adjusted.

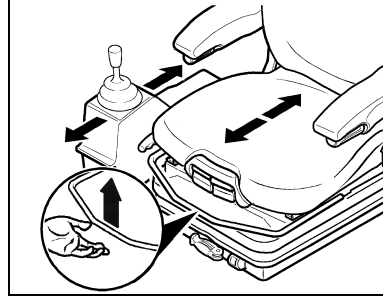
To adjust the depth of the seat cushion, lift the R/H handle (see arrow). By moving the seat cushion backwards or forwards the desired seating position can be reached.



### Fore/aft adjustment with control carrier equipment \*

The fore/aft adjustment is released by lifting the locking lever.

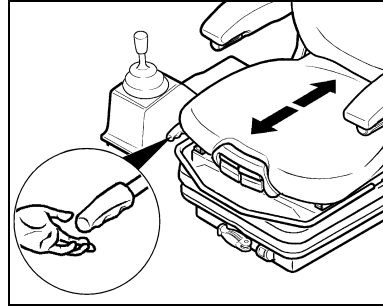
☞ The locking lever must latch into the desired position. It should not be possible to move the driver seat into another position when it is locked.



### Fore/aft adjustment without control carrier equipment

The fore/aft adjustment is released by lifting the locking lever.

☞ The locking lever must latch into the desired position. It should not be possible to move the driver seat into another position when it is locked.

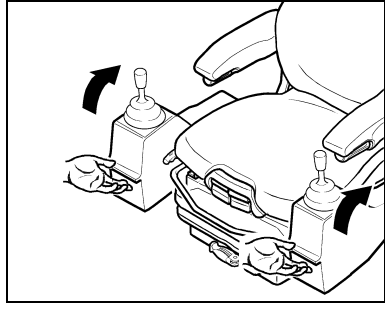


\* if fitted



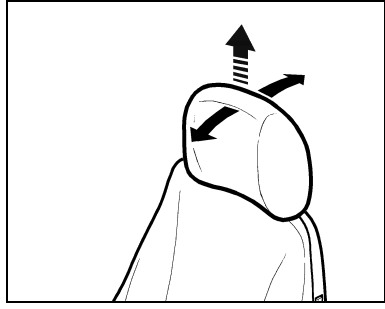


## Seat functions and operation



### Control carrier \* \*\*\*

To improve getting in and out of the seat the left or right box can be tilt up.

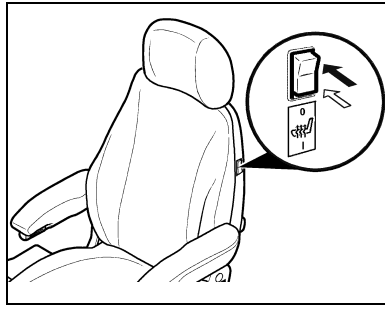


### Headrest \* \*\*

The headrest can be individually adjusted for height by pulling it upward over the various increments up the end stop.

By pushing forward or rearward the angle of the headrest can be adjusted individually.

To remove the headrest, pull it over the end stop.

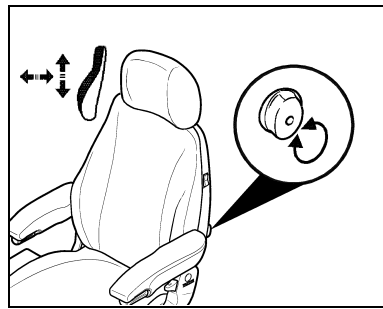


### Seat heater \* \*\*

The seat heater is turned on by pressing the switch.

\* if fitted    \*\* optional extra    \*\*\* depending on model

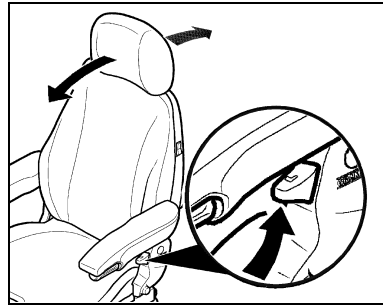
## Seat functions and operation



### Lumbar support

By turning the adjustment knob to the left or right, both the height and curvature of the backrest cushion can be individually adjusted.

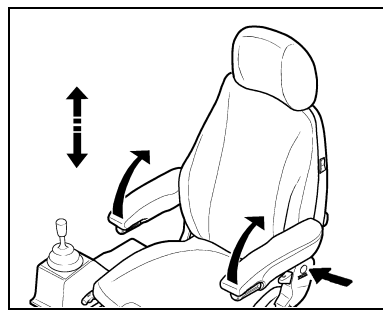
This increases both the seating comfort and the performance of the driver.



### Backrest adjustment

The backrest is adjusted using the locking lever (arrow).

The locking lever must latch into the desired position. It should not be possible to move the backrest into another position when it is locked.



### Armrests \* \*\*

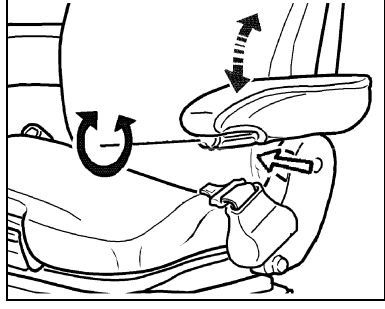
The armrests can be folded up if required and the height individually adjusted.

To adjust the armrests for height, separate the round cap (see arrow) from the cover, loosen the hexagon nut (size 13mm) and adjust the armrest to the desired position and tighten the nut again.

\* if fitted \*\* optional extra



## Seat functions and operation

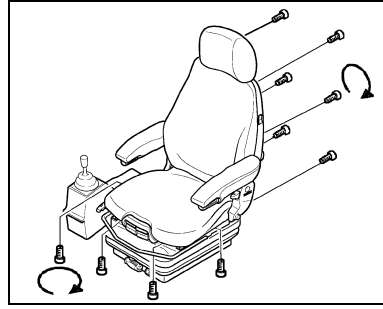


### Armrest adjustment \*

The inclination of the armrests can be modified by turning the adjustment knob (arrow).

\* if fitted

## Maintenance



Dirt can impair the function of the seat, so make sure you keep your seat clean!

Upholstery can be quickly and simply removed from the seat frame for easy cleaning, or replacement.

**Caution: take care with the backrest frame - it may jerk forward and cause injury!**

During cleaning the upholstery should not be soaked through. Use a standard commercially available **upholstery or plastics cleaning agent**. **Test first for compatibility** on a small, concealed area.