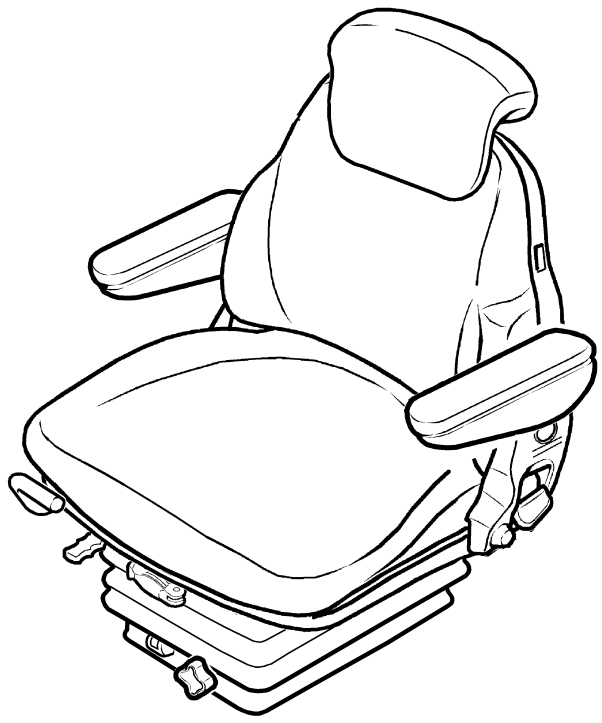
MSG83



GRAMMER

09 / 2001

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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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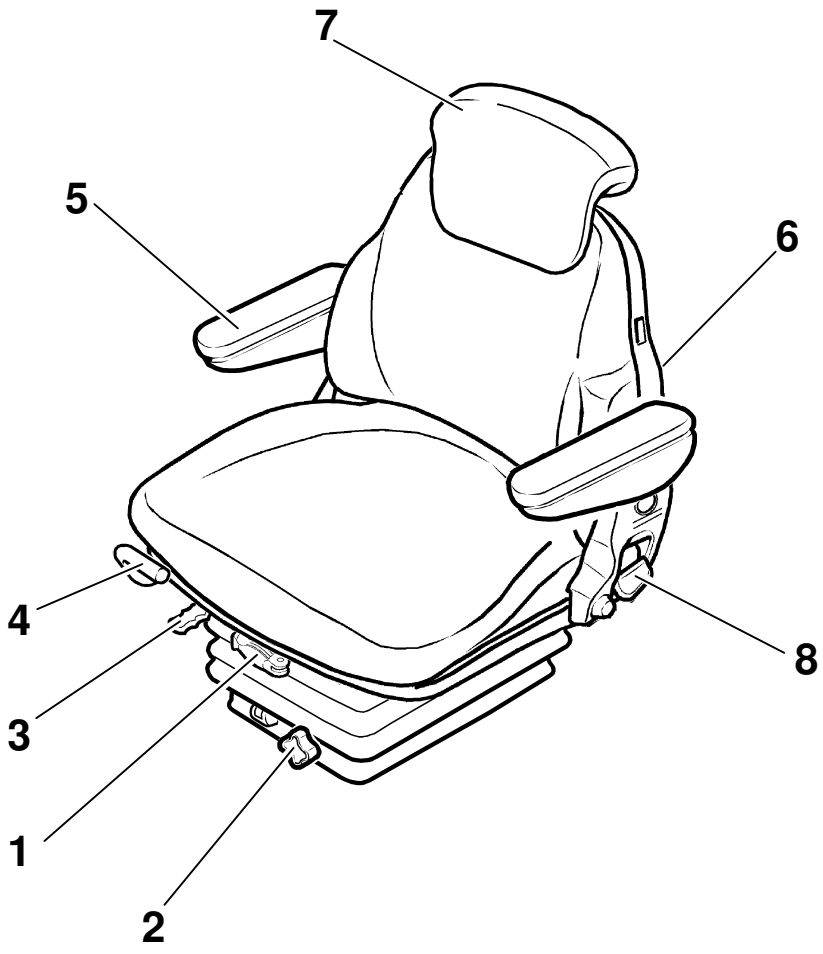
Amberg, 09/2001


7
5
6
4
8
3
1
2

Operating instructions

Contents

General instructions.....

Safety instructions.....

Seat functions and operation.....

1 Weight adjustment.....

2 Height adjustment.....

3 Fore/aft isolator * .....

4 Fore/aft adjustment.....

5 Armrests *.....

6 Lumbar support.....

7 Backrest extension * ** .....

8 Backrest adjustment .....

Maintenance.....

* 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 (see dealer directory), 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).

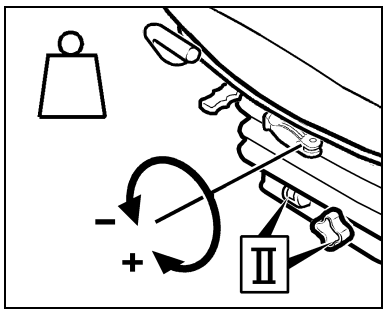
⚠ Safety instructions

- 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**.
- 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

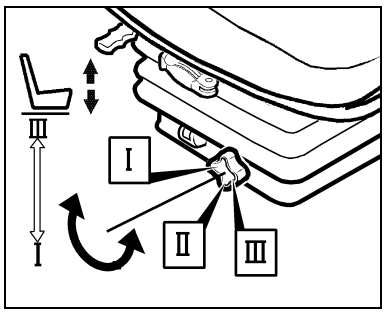


Weight adjustment

The seat should be adjusted for the driver's weight by turning the weight adjustment lever with the driver sitting on the seat.

When the seat is correctly adjusted, the position shown on the height adjustment lever below appears in the window.

☞ 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.

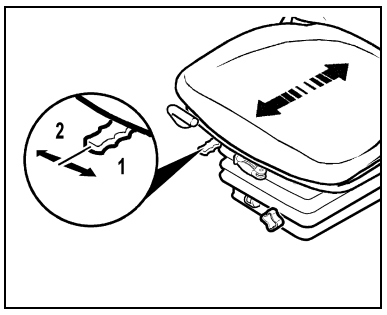


Height adjustment

The seat height can be adjusted to 3 levels.

The seat height should be adjusted by turning the height adjustment handle with the driver sitting on the seat.

The seat should be adjusted for the driver's weight after each adjustment of the seat height.

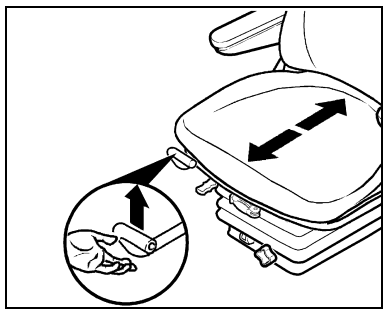


Fore/aft isolator *

Under certain driving conditions (for example with a trailer attached), it is useful to activate the fore/aft isolator. This means that shock impacts in the driving direction can be better absorbed by the driver seat.

Position 1 = fore/aft isolator on
Position 2 = fore/aft isolator off

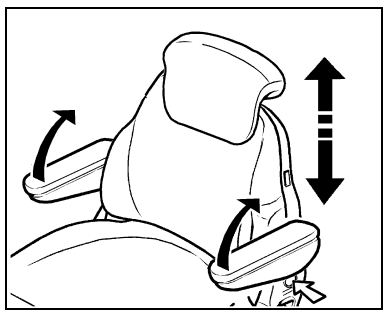
* if fitted



Fore/aft adjustment

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

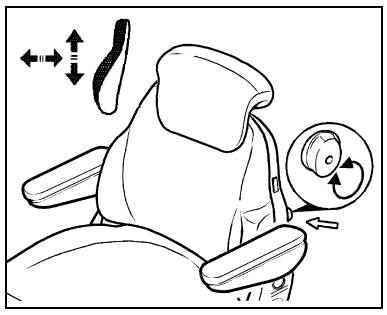
☞ The locking lever must latch into the desired position. It should not be possible to move the driver seat into another position when it is locked.



Armrests *

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

To adjust the armrests for height, seperate 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.



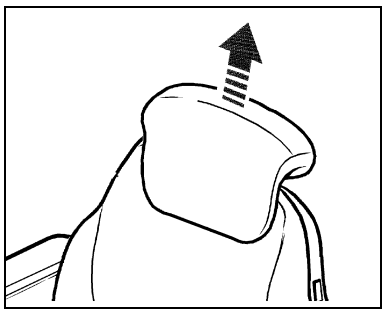
Lumbar support

By turning the adjustment knob (arrow) 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.

* optional extra

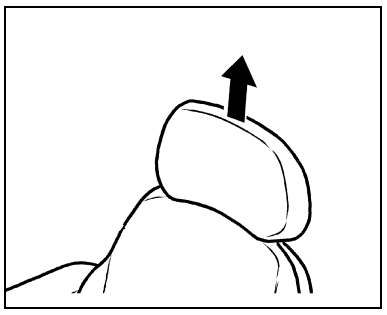
Seat functions and operation



Backrest extension * **

The backrest extension can be individually adjusted for height by pulling it upwards over the various increments up to the end stop.

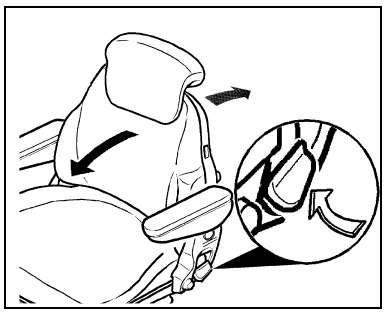
To remove the backrest extension, pull it over the end stop.



Backrest extension * **

The backrest extension must be pushed in as far as it will go.

The backrest extension can be removed if required by simply pulling it out.



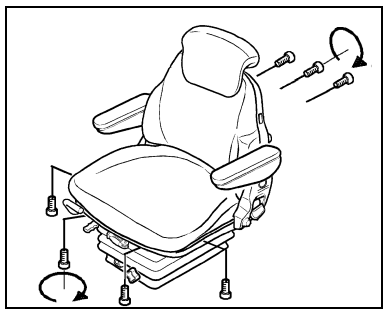
Backrest adjustment

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.

* optional extra ** depending on model

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.