

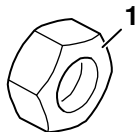
## Hexagon nut to be used or equivalent nut

Micro-encapsulated hexagon nut M8 (2x),

Material: 8-A4T MK OT80  
Standard: ISO 4032\*1999

Tightening torque:  $25 \pm 3$  Nm

GRAMMER No. 139 843



# Repair Instructions MSG 90.5

## Replacement of Hexagon Nut – Central Bearing of the Swinging Structure

### Removal – Installation



### Safety instructions

- Any conversion or refitting work on **GRAMMER** seats must be performed exclusively in authorized workshops by trained or suitably qualified personnel and in adherence with the applicable operating, maintenance and installation instructions and in compliance with all relevant national regulations.
- Improper installation and assembly bear the risk of bodily injury or property damage and the proper function of the driver's seat or mounted parts can no longer be guaranteed.
- **GRAMMER** disclaims any warranty or liability obligations for any damage resulting from non-compliance with operating, maintenance and installation instructions.
- The description of the repair work refers to the dismantled seat. Depending on the individual installation situation, the repair work may also be performed on the installed seat.
- Prior to any repair work, the seat must be disconnected from the vehicle's electrical system.
- When performing any repair work, the seat is lowered (without air pressure). If it is necessary to bring the seat to a higher position for repair work, it has to be secured with suitable spacers (wooden block, fixation with screws or similar structure) at the front plastic rollers in the lower part of the suspension. Otherwise, there is a risk of crushing.

### Hexagon nut - removal and installation

- 1 Move the seat to the highest position and secure it.



**WARNING** Risk of crushing!

Secure the swinging structure at the front plastic rollers in the lower part of the suspension with suitable spacers.

- 2 Remove bellows pins (**B**) from the lower part of the suspension (**C**).
- 3 Push the bellows (**A**) upwards and undo two hexagon nuts (**D**) on the right and left side of the swinging structure (**E**).



**Do not remove the bolt!**  
**Thread must be free of grease!**

#### Installation note:

Tightly screw two new micro-encapsulated hexagon nuts (**1**).  
Tightening torque:  $25 \pm 3$  Nm

- 4 Re-install the components in the reverse order of their removal.

