

## Operating instructions for the Hestal VarioMaster 900 and 901 CS pillar system

### 1. General notes

The Hestal VarioMaster 900 and 901 CS pillar system is intended for use as a removable support pillar between the vehicle frame and the roof profile in commercial vehicle bodies.

### 2. Regulations

The following regulations and directives are to be followed:

- BG regulation, "General Regulations" (BGV A1) [BG=Employers' Liability Insurance Association]
- BG regulation, "Vehicles" (BGV D 29)
- BG principles, "The testing of vehicles by drivers" (BGG 915)
- BG principles, "The testing of vehicles by skilled technicians" (BGG 916)
- BG rules, "Vehicle repair and maintenance" (BGR 157)
- StVZO [The German Road Traffic Act]
- VDI directive 2700, "Securing loads on road vehicles"
- If goods are to be sealed in bond, the vehicle must be equipped in accordance with the Customs and Excise guidelines.

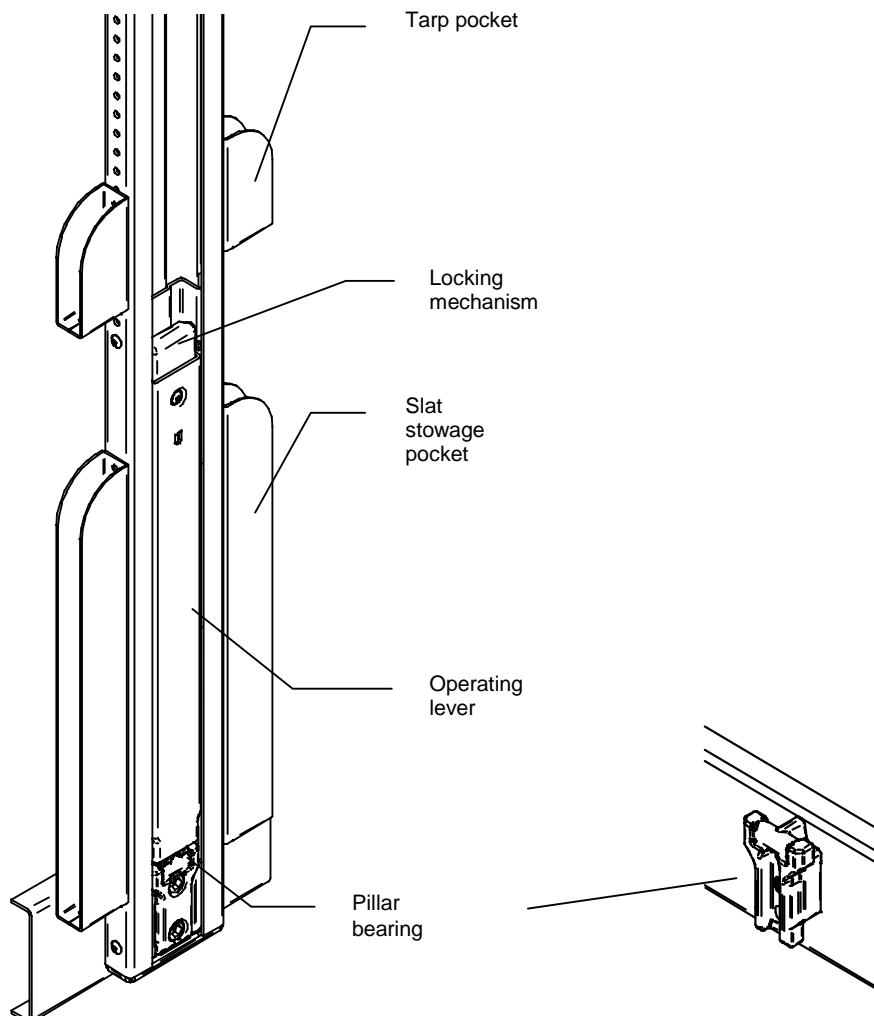
### 3. Technical description of the system

The Hestal VarioMaster 900 and 901 CS pillar system is used as a centre pillar in a vehicle body, enabling rapid clearance of the loadbed.

The Hestal VarioMaster 900 and 901 CS pillar system locks onto the side frame of the vehicle, between the vehicle frame and the pillar bearing.

In its closed state the cutainsider pillar is doubly secured.

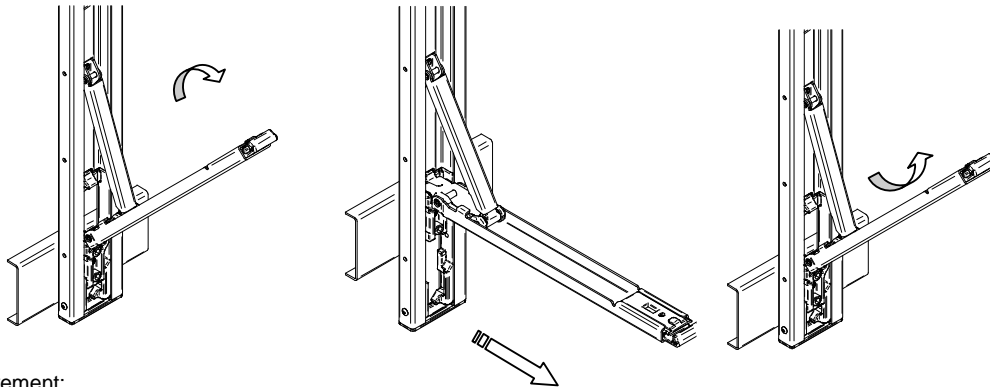
1. by means of a flush-fitting locking mechanism that prevents the operating lever from folding out.
2. by means of a flush-fitting connection to the pillar bearing on the vehicle frame.



#### 4. Opening and closing the system

##### Opening:

- Before the pillars are opened, any existing load pressure must first be removed. The lateral tarpaulin boards must be unhooked and removed
- Press the locking button down.
- Pull the hand level out of the pillar profile (no-load stroke)
- Grasp the hand lever and unlock the VarioMaster from the pillar bearing (opening distance, 25 mm downwards)
- When opening it is to be noted that the roof load presses the hand lever down after the mechanism has passed top dead centre.
- Pull out the pillar and close the hand lever again.  
When opening the stanchion do not let it fall (rollers could be damaged).

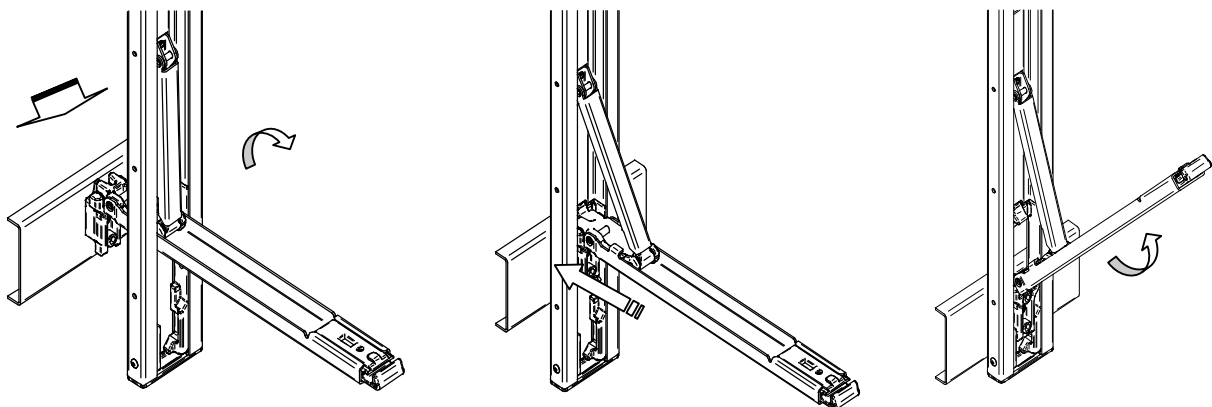


##### Lateral movement:

- The side tarpaulin boards must be unhooked and removed before the pillars can be moved.  
A protruding load may obstruct the movement of the pillar.
- Swing the pillar slightly away from the vehicle frame and move it sideways.
- If the pillar is swung away from the vehicle frame further than necessary, this may lead to jamming of the trolley or the telescopic element with the roof edge profile.

##### Closing:

- Position the VarioMaster above the pillar bearing, press the locking button and open the hand lever.
- Place the hook contour of the hand lever through the pillar profile onto the pillar bearing, press the pillar against the vehicle frame profile and close the lever.
- Press the hand lever into the pillar until the lock automatically reengages.



## 5. Operation / adjustment of the plug-in attachment unit for the second driving position (only in combination with telescopic element)

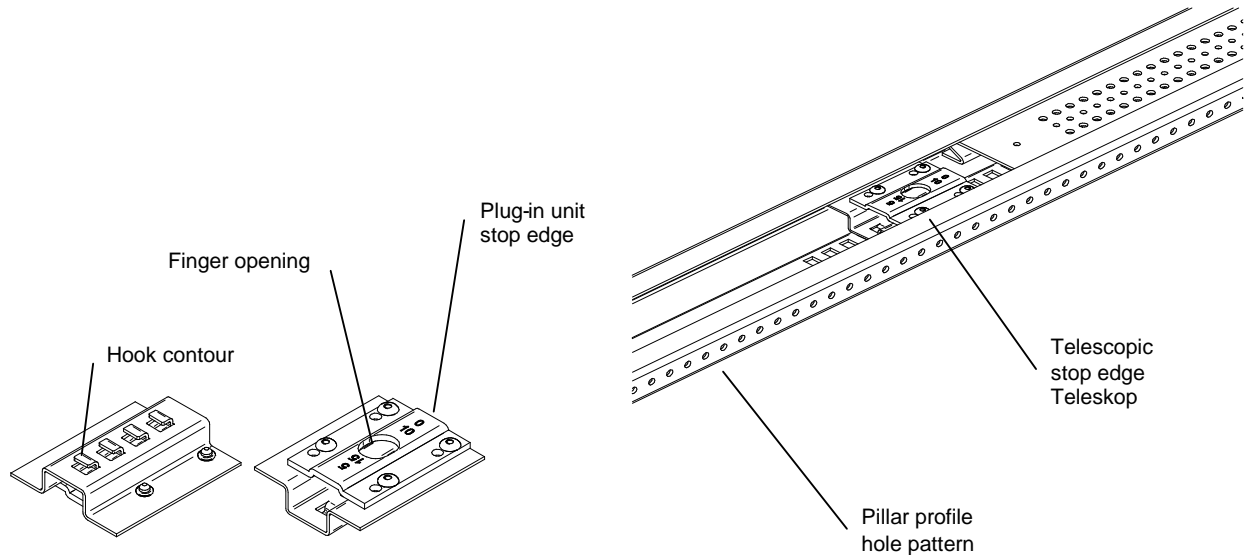
The plug-in unit for setting a second driving position is installed within the pillar profile and can be adjusted on a 20 mm grid pattern.

The plug-in unit must **not be under load** when adjusted, meaning that the telescopic pillar is not in contact with the plug-in unit.

Slide the plug-in fastener up and lift the hook contour out of the pillar profile. The height of the plug-in unit can now be adjusted.

Hook the plug-in unit back into the pillar profile in its new position.

The VarioMaster system has now been adjusted to a new overall length



When adjusting the overall length, the maximum permissible overall vehicle height of 4.0 metres must not be exceeded. (See StVZO §32 section 2 [German Road Traffic Act])

## 6. Operation



- A check is to be carried out before every journey to ensure that the VarioMaster system is properly closed.
- The load is to be secured.
- When working in traffic, a suitable reflective waistcoat is to be worn.
- No part of the load is to protrude beyond the limit of the outside frame of the vehicle.
- The vehicle's roof must be cleared of any loads on it (snow and ice).

## 7. Maintenance

- The VarioMaster system must be serviced periodically, depending on the amount of use and the passage of time. (Cleaning, removal of foreign bodies, lubrication, adjustment, checking that all bolts and rivets are tight, replacing parts subject to wear)
- Any distorted tarpaulin pockets and stowage pockets are to be replaced with new ones by specialist technicians.
- Only **genuine HESTAL spares** must be used.
- Any defective or damaged components are to be replaced immediately with genuine Hestal parts.
- See also BG regulation, "Vehicles" (BGV D 29), §56 and §57.

## 8. Important instructions

The VarioMaster system will only function perfectly if the installation and operating instructions are closely followed.

For reasons of operational safety, road safety and occupational health and safety, it is not permissible to combine any components other than the HESTAL components shown here.

***When properly installed, these cutainsider pillars comply with the BG regulation "Vehicles" (BGV D 29)***