

Installation instructions for aluminium support



Before assembly, retract both stabilisers to their end points.

This makes full use of the stroke after the connecting shaft is installed and prevents one of the stabilisers from contacting the ground before the other.

Failure to observe this instruction can cause unbalanced loads and damage.

The cables must be positioned perpendicularly to and aligned with each other, since otherwise the connecting shaft will tilt and cause steering heaviness.

When fitting the connecting shaft, a sliding clearance of at least 1 mm and no more than 16 mm should be aimed for. The ideal sliding clearance is between 5 and 11 mm.

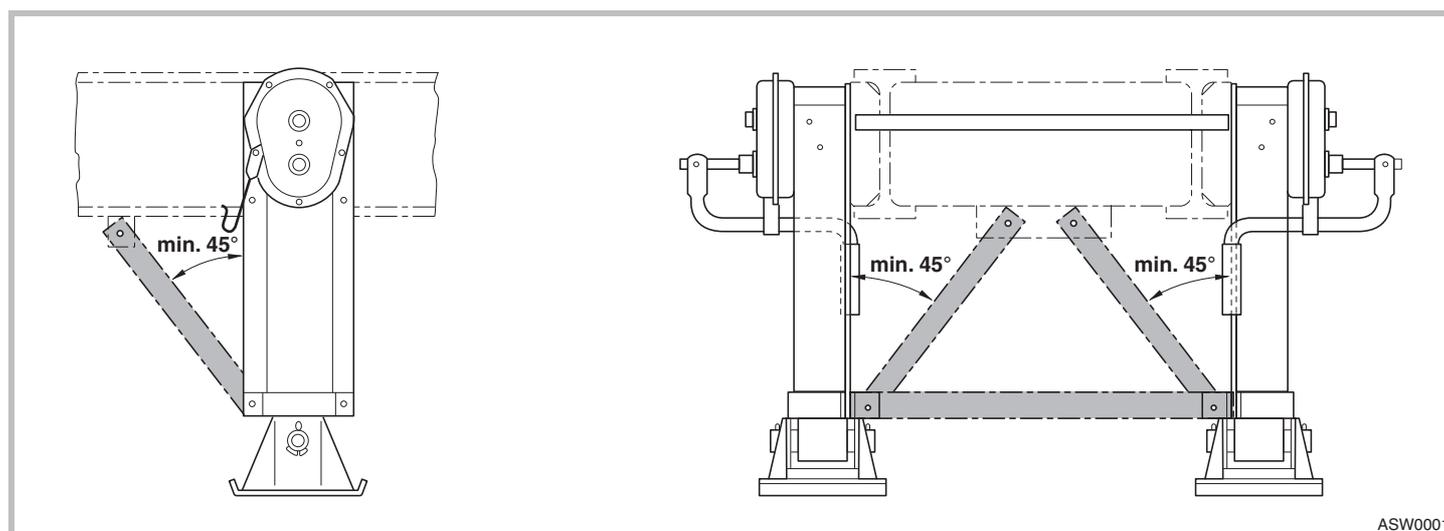
When attaching the aluminium support to steel chassis frames or holders, care must be taken to ensure good corrosion protection insulation.

We recommend our corrosion-resistant intermediate layer JS118-0003 for this purpose.

We recommend using the fastening kit JS E020.001 when fitting the aluminium support.

To secure the aluminium support to the vehicle frame, 10 M16 screws of minimum strength class 8.8 must be used on each side.

The struts of the aluminium support must be appropriately dimensioned and be attached as shown in the following diagram.



Accessories

- ▶ **Fastening kit JS E020.001**
 - 28 M16 x 50 hexagon screws
 - 28 M16 hexagon nuts

- ▶ **Corrosion-resistant interim layer JS2118-0003**
 - for the screw-on plate and strut bracing

The following safety instructions must be observed

- ▶ Towing vehicle operating manual
- ▶ Trailer vehicle operating manual
- ▶ BGV D8 "UVV Winden, Hub- und Zuggeräte"
- ▶ BGV D29 "UVV Fahrzeuge"
- ▶ BG rules "Fahrzeuge"

Operating and maintenance instructions for aluminium support



Operating manual

▶ Actuation on uncoupling:

1. Block the wheels of the trailer.
2. Detach the crank and insert it.
3. Eject the landing gear using the rapid process until it contacts the ground.
4. Sliding in the crank, switch to operating mode and lift to the required height.

 **Note the end of the lift. At the end of the rotational movement of the crank, slowly relieve the crank strain. Danger of crank kick-back.**

5. Hang the crank in the crank holder. Ensure that a gear is selected when you do so.

▶ Actuation on coupling:

1. After closing the saddle coupling, retract the aluminium support in operating mode until the stabilisers lift off the ground.
2. Turning the crank, switch to the rapid process and retract the stabilisers.

 **Note the end of the lift. At the end of the rotational movement of the crank, slowly relieve the crank strain. Danger of crank kick-back.**

3. Hang the crank in the crank holder. Ensure that the rapid process is selected when you do so.

Note on operation

Coupling or uncoupling with aluminium support types E140 (two-sided operation) can essentially also be carried out by just one person. When doing so, care must be taken to ensure that the side of the gears not being operated is set to neutral (central position).

Cleaning instructions

- ▶ The aluminium support is cleaned in the context of vehicle care and cleaning.
- ▶ No special cleaning is required.
- ▶ The gear opening and the upper plastic cover should not be sprayed directly with a high-pressure cleaner.

Note regarding maintenance

The aluminium support is equipped with an adequate amount of lubricating grease.

Please note the following:

Maintenance work	Maintenance interval	Note
Grease the spindle and spindle nut	No maintenance required	All from production date CW 36/2009* Previously only low-maintenance types
Check the spindle and spindle nut for wear	Annually	- - -
Visual inspection of the aluminium support for cracks and deformations	Each time the aluminium support is used	Any damage to the aluminium support must be repaired immediately

* For aluminium supports that are not low-maintenance models from previous production series, the spindle and spindle nut must be re-lubricated at least once a year as follows:

- ▶ The re-lubrication is provided via the lower lubricating nipple positioned to the side on the shaft.
- ▶ The spindle is re-lubricated with the aluminium support fully extended and while it is slowly being retracted.
- ▶ A high-performance, lithium-based EP lubricating grease with excellent adhesion and anti-corrosion properties must be used for this which is also suitable for the temperature range to which the support is exposed.

These instructions apply to the use of the aluminium support in normal transport conditions.

Where operating conditions are less favourable, the maintenance and inspection intervals must be adapted accordingly.