

National Association of Lift Makers

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To: All Members
cc: The Quality and Technical Committee (Code No: 1639)

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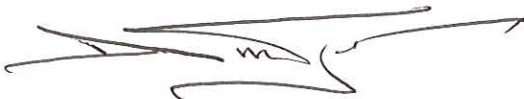
Dear Sir

C. HAUSHAHN TYPE AM GEAR UNITS

I have received via the Express Lift Co Ltd a Service - Instruction from the Germany company C. Haushahn GmbH and Co, covering a modification to their emergency brake release system on their type AM gear units a copy of which is enclosed.

In the event any member should become involved with this type of equipment would they please be guided accordingly. I am given to understand the modification is relatively straightforward and does not require any special equipment.

Yours faithfully



D M Fazakerley
Director

Service-Instruction

Based on German version Ref. No. RZ/rv (BAR2149N)

Subject: Modification to emergency brake release System on Gear units
Haushahn Type "AM"

On certain unusual conditions it is possible that the normal operation of the "AM" gear unit brake could be affected by a malfunction of the manual brake release system. This could result in the brake shoes being prevented from releasing to the fully engaged position.

The emergency brake release device consists of the hand lever (1), the counter lever (2), by which the hand lever (1) is connected by a common pivot pin, the eye bolt (3) two notched pivot pins (4).

The following modifications should be carried out as soon as possible.

- 1.) Remove the complete emergency release mechanism (Items 1, 2, 3, 4). From the brake shoe housings by punching out the notched pins, from both the shoe housings and release mechanism, with a suitable pin punch.
- 2.) Drill a hole 5.5 mm diameter Item (5) in the brake release hand lever (1) at the shown picture in fig. 1.
- 3.) Replace after dismantling the brake release device, the notched pins (4) in their original positions symmetrically in the hand lever (1) and eye bolt (3) respectively the notched pins should be securely positioned by spreading if necessary the ends of the pins with a suitable cold chisel.
- 4.) Fix the small warning notices (7) on both the counter lever (2) and hand lever (1).
- 5.) Reassembly the counter lever (2) and hand lever (1) as originally supplied as fig. 1, but of course disconnected from the brake.
- 6.) Fit the set screw (5) and nut in the prepared hole as per Item (2), on to the hand lever.
- 7.) The now, remote brake release device should be placed with the emergency hand lowering notices at a visible position in the lift machine room.
- 8.) Fix the remaining warning label (6) on to the top of the gear housing close to the brake coil assembly as fig. 2.

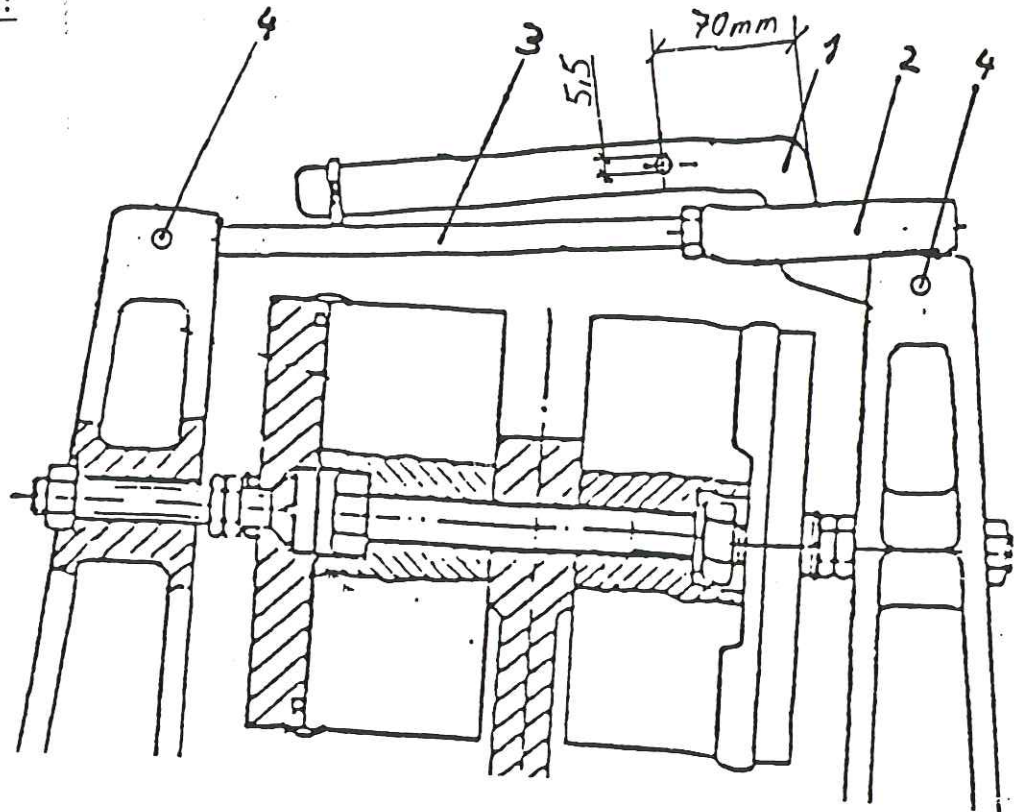
Notice: Tools required for a/m modification work.

- Hammer
- Chisel
- Pin punch or drift max. 8 mm diam.
- Drill max. 5,5 mm diam.
- Drilling machine
- Set screw M 5 x 20 and M 5 nut screw M 5x20

Bild 1 / Figure 1:

vor Umbau

present situation



Handbremslüfthebel nach Umbau

brake release hand lever after modification

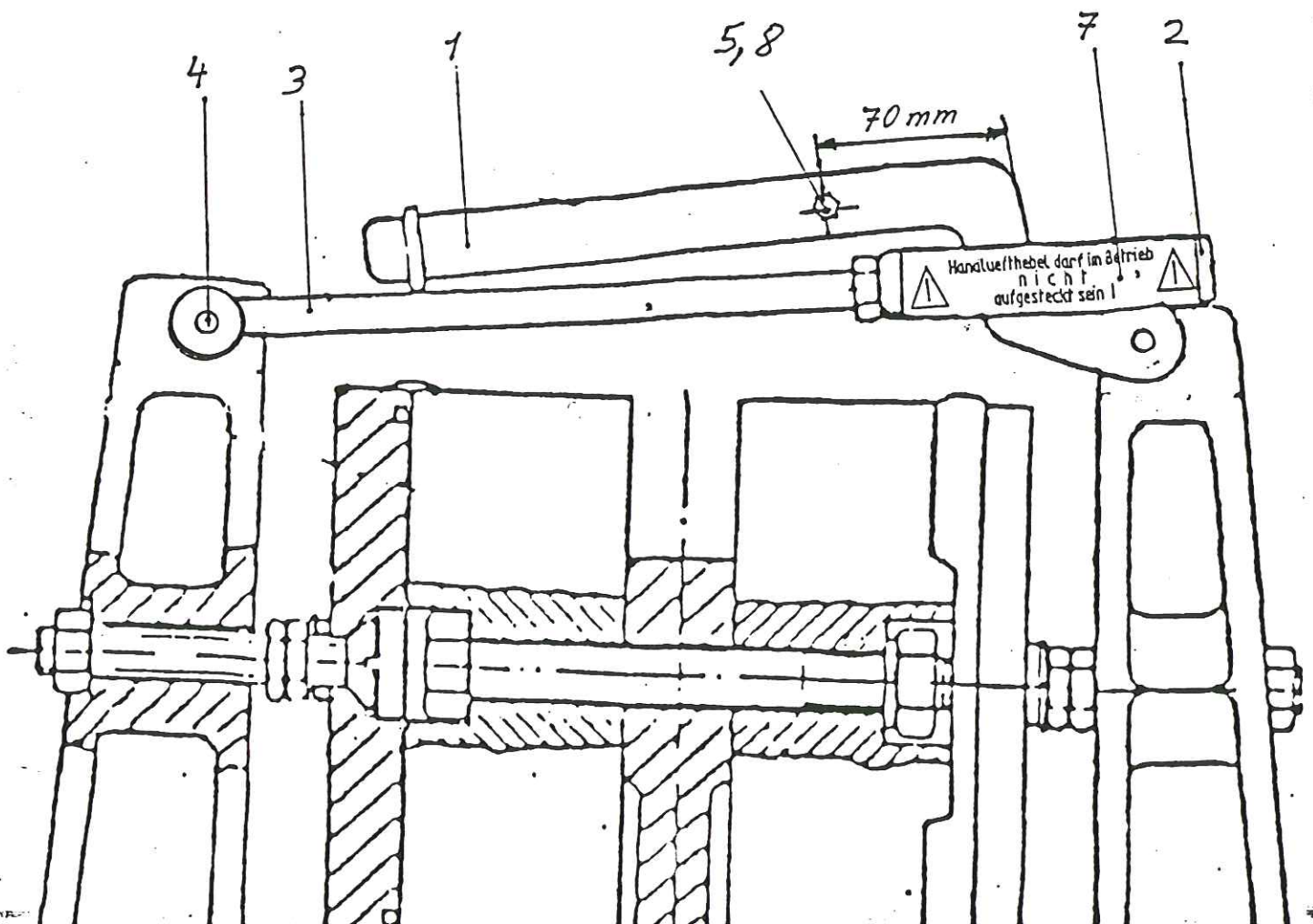


Bild 2 / Figure 2:

Handbremslüfthebel - brake release hand lever

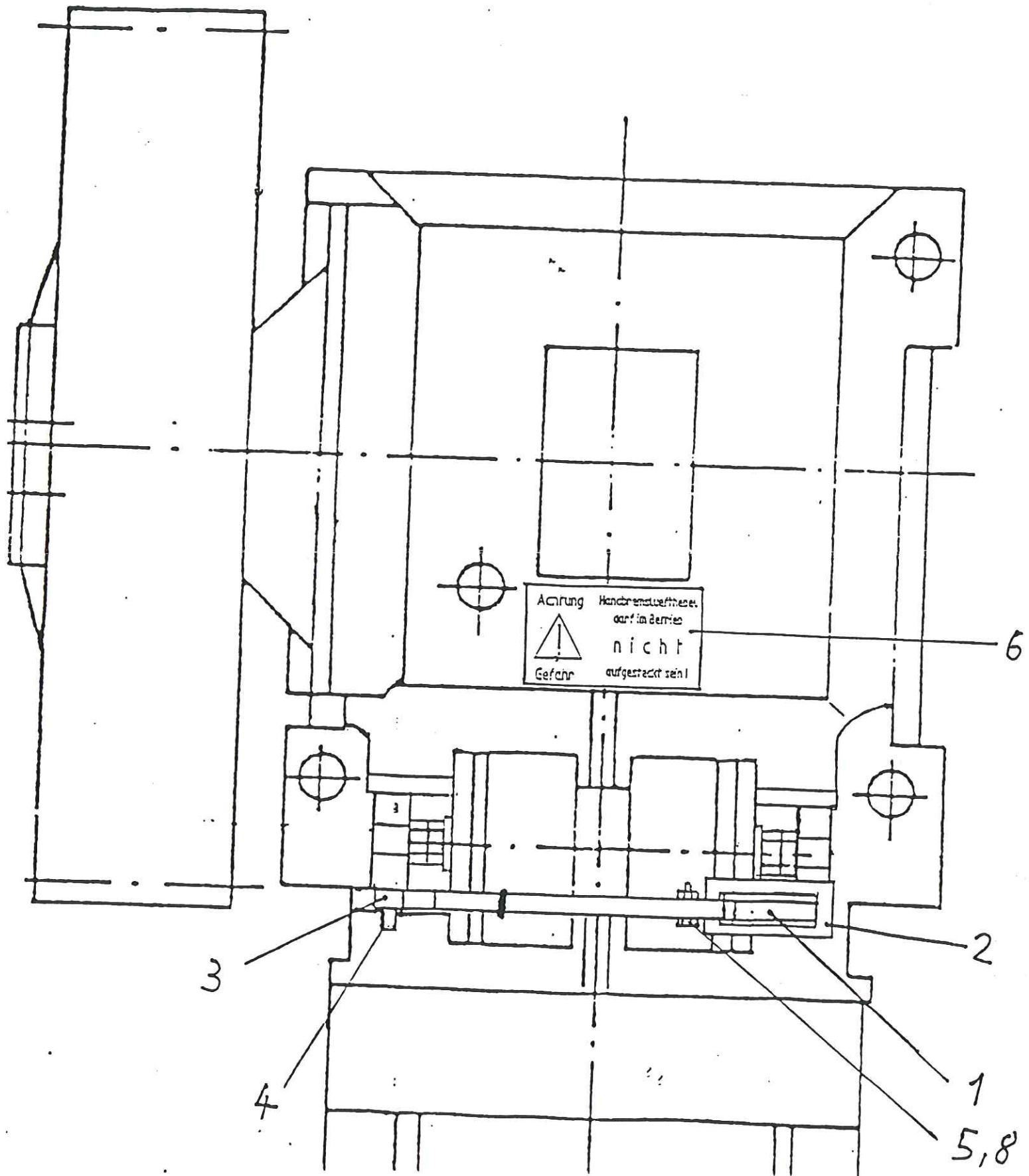













Fig. 3 Warning Notices

a.) to be fixed on hand lever (1) and counter lever (2)

 Handluefthebel darf im Betrieb nicht aufgesteckt sein ! 	 Handluefthebel darf im Betrieb nicht aufgesteckt sein ! 	 Handluefthebel darf im Betrieb nicht aufgesteckt sein ! 
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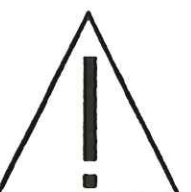

Translation: Emergency brake release device must not be fixed during lift service (7)

b.) to be fixed on gear box

Achtung  Gefahr	Handbremsluefthebel darf im Betrieb nicht aufgesteckt sein !	Achtung  Gefahr	Handbremsluefthebel darf im Betrieb nicht aufgesteckt sein !
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Translation: Attention! Emergency brake release device must not be fixed during lift service

Danger! (6)

<p>Attention</p>  <p>Danger</p>	<p>Emergency brake release device</p> <p>must not be fixed during lift service</p>	<p>Attention</p>  <p>Danger</p>	<p>Emergency brake release device</p> <p>must not be fixed during lift service</p>
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