Repair instructions

Locking device

RO ★ 50 BNA
RO ★ 40 CH/40 E
RO ★ 400 T1
RO ★ 430 T2

ROCKINGER
Member of JOST-World

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Emphasis in the text

Explanation of symbols

For ease of readability and to provide a clear overview, different types of information are marked in different ways.

Sentences introduced with an arrow contain instructions to perform certain actions:

→ Carry out instructions one after the other in the sequence described.

The following information is introduced by a dash:

- Lists
- Preconditions for actions to be executed subsequently
- Descriptions of previous work steps
- Descriptions of statuses

Warnings of hazards and risks

Important passages which must be observed, are especially emphasised:

DANGER!

Warns against immediate dangers which could lead to serious injury or death.

→ Provides instructions for defence against or avoidance of dangers.
General

**WARNING!**
Warns against risks which could lead to serious injury or death.

- Demands safety measures to protect the persons concerned.

**Illustrations**
As necessary, texts are illustrated by pictures. The reference to a figure is made with a number in [square brackets]. Capital letters after a figure number, e.g. [12A] refer to the corresponding position in the picture.

**Supplementary information**
The information symbol refers to instructions and recommendations as well as additional information.

**TOOLS:**
- List of the tools necessary for the subsequently described activities.

**Binding information**

**LUBRICANTS:**
- Lubricant for the previously described activity
1. Automatic unit

Locking device

Requirements

- Towing hitch closed

TOOLS:

- Pliers
- Screwdriver
- Rubber mallet
- Assembly plug, Part no. ROE84001

Dismantling

➔ Press the hand lever [1A] slightly upwards and hold it there so that the indicator pin [1B] is protruding slightly.

➔ Grip the indicator pin with the pliers and lever it out with the locking cap [2A]

[1] A Hand lever
B Indicator pin
NOTE
Both the indicator pin and the locking cap [3A] are now necessarily destroyed. Repair instructions RO * 50 BNA, www.jost-world.com; Spare parts

→ Use the screwdriver to take out the indicator pin [3B]

[2] A Lever out the lock with the pliers
1. Automatic unit

Locking device

Assembly

➔ Thoroughly clean and grease the exposed parts of the housing boring

➔ A complete new locking device set is required for assembly, Repair instructions RO * 50 BNA, www.jost-world.com

➔ Insert the indicator pin [3C] through the spring [3D] and the locking cap [7A] and secure it in place with the O-ring [3E]

➔ Grease the locking pin [3B] and slide it into the boring with the bevelled surface downwards (arrow)

➔ Grease the assembled locking device [3F] in the area of the spring, and slide it into the boring to the stop, making sure that it is correctly centred

➔ Apply the assembly plug [4A] and hammer the lock [4B] in until it is flush with the edge of the housing [5]
NOTE
The locking cap must audibly engage

→ Check the function of the towing hitch;
   Section 2

LUBRICANT:

– Special grease ROE96040

→ Only use the supplied special grease (risk of resin formation and loss of the lock)

[4] A Assembly plug, Part no. ROE84001
   B Locking device

[5] Lock flush with housing edge
2. Function test

Function test

Procedure

→ Press the hand lever [6A] upwards until it engages
  – The towing hitch is open. The indicator pin [6B] must now be clearly protruding (ca. 17mm)

**WARNING!**
Risk of injury! The coupling pin and the hand lever are now under spring tension!

→ Do not put your hand anywhere near the coupling pin or the hand lever!

→ Use a suitable tool to lift the coupling pin in order to trigger the closing mechanism
  – The towing hitch is closed. The indicator pin [7A] must not be protruding

![Diagram of towing hitch with labels A Hand lever and B Indicator pin]
WARING!
If the indicator pin is still protruding when the towing hitch is closed [7A] it is not permitted to drive with a trailer as there is a risk of accident.

➤ Clean the lower bush [8B]
➤ Replace the lock; Repair instructions
RO * 50 BNA, www.jost-world.com

[7] A Wrong
Indicator pin with the towing hitch closed

[8] A Indicator pin
B Lower bush
Technische Änderungen vorbehalten.
Aktuelle Informationen finden Sie unter:
www.jost-world.com

Technical modifications reserved.
For up-to-date information, please visit:
www.jost-world.com

Sous réserve de modifications techniques.
Vous trouverez des informations mises à jour sur le site : www.jost-world.com

Techniczne zmiany zastrzeżone.
Aktualne informacje można uzyskać na:
www.jost-world.com

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