

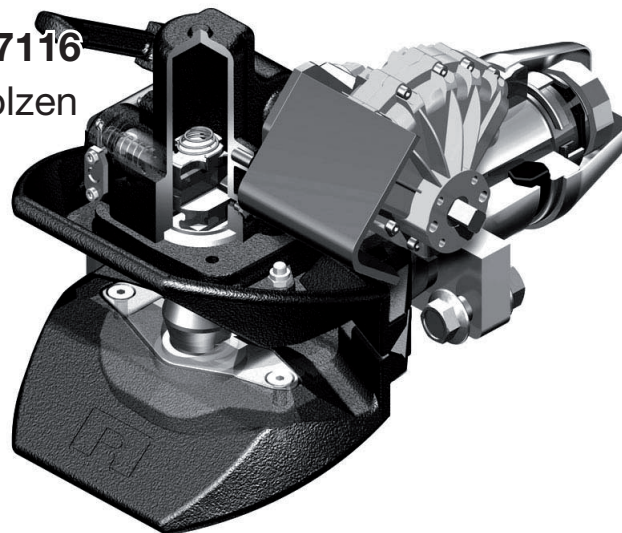
# RO★57



Reparaturanleitung | Repair instructions | Reparationsvejledning | Reparationsanvisning | Руководство по монтажу

## **ROE71192, ROE71198, ROE47116**

- Ⓓ Automatikeinheit, Kupplungsbolzen
- ⒼⒷ Automatic unit, Coupling pin
- ⒹⓀ Automatikenhed, Koblingsbolt
- Ⓐ Mekanism, Kopplingsbult
- ⒶⓈ Автоматический блок,  
Сцепной шкворень



## Liability

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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.

**WARNING!**

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

- Demands safety measures to protect the persons concerned

**CAUTION!**

Warns against risks which could lead to damage to property or personal injury (light injury).

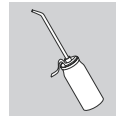
- Provides information for prevention of damage

**Illustrations**

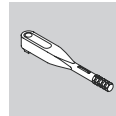
As necessary, texts are illustrated by pictures. The reference to a figure is made with a number in [square brackets]. Capital letters after a figure number, e.g. [12A] refer to the corresponding position in the picture.

**Binding information****LUBRICANTS:**

- Lubricant for the previously described activity

**TIGHTENING TORQUES:**

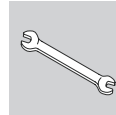
- Tightening torques for the listed bolted connections

**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.

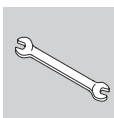


## Automatic unit

### Requirements

- Machine is depressurized (only in coupling with pneumatic remote control)

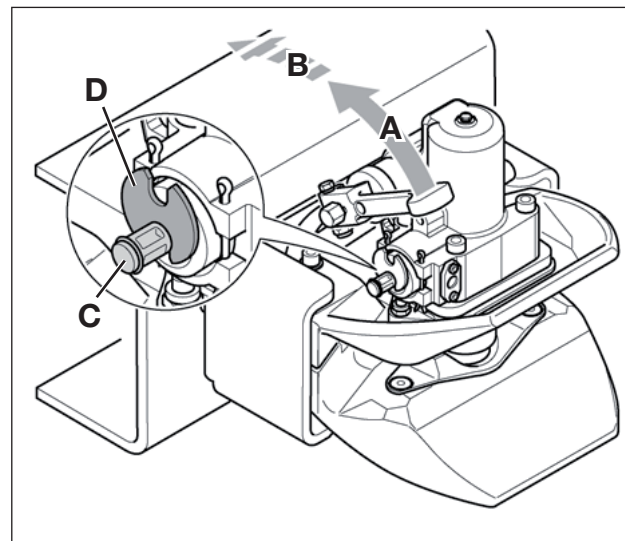
### TOOLS:



- Open-end wrench SW 13
- Torque wrench
- Hexagon socket screwdriver 10
- Hexagon socket screwdriver set 8 (only for pneumatic remote control)
- Locking plate for part no. ROE 65 632

### Disassembly

- Remove earthing cable
- Open coupling with hand lever [1A]
- Slightly pull out control pin on the safety [1C] and immobilize with locking plate [1D]. Do not damage the rubber seal

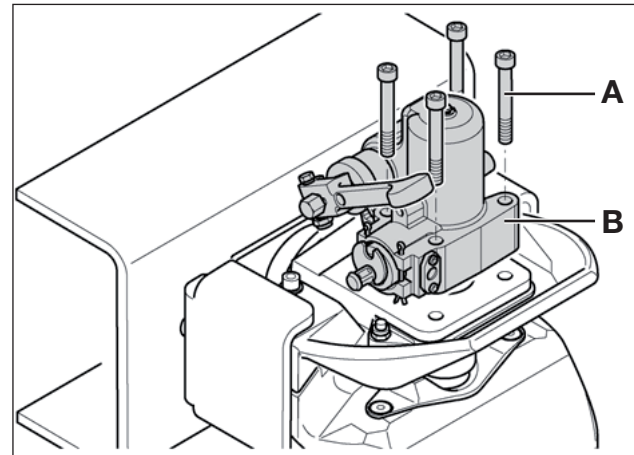


- [1] **A** Open coupling  
**B** Close coupling  
**C** Lock  
**D** Locking plate (ROE 65 632)

- Close coupling again. To do this, carefully press the hand lever slightly upward [1B] and release again
- Remove the 4 fastening screws [2A]
- Completely lift automatic unit [2B]

The following additional tasks are to be performed when hitching with pneumatic remote control:

- Remove fastening screw [3A].
- Remove spacing bushing [3B]



- [2] **A** Fastening screw  
**B** Automatic unit

**Installation**

Installation proceeds in the opposite order. When doing so, particularly note the following actions:

- Lubricate the automatic unit in the coupling pin receiver before installation



**LUBRICANTS:**

- Special lubricant (ROE 96 017), included in contents of the Automatic unit spare part shipment

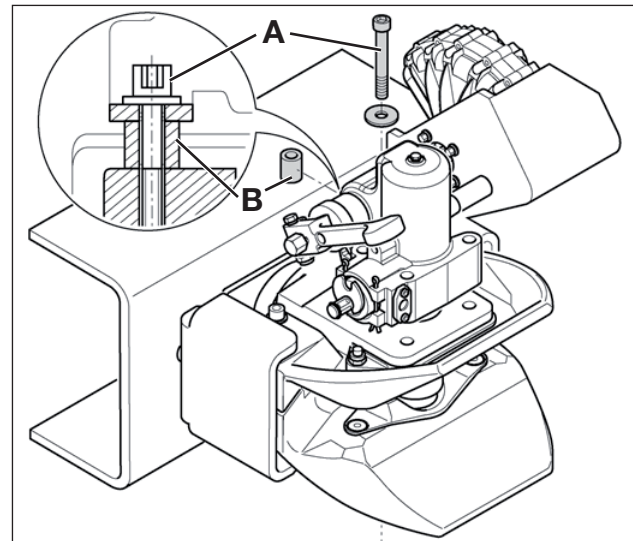
The following tasks are to be performed when hitching with pneumatic remote control:

- Install distance bushing between the part-turn actuator and the automatic unit [3B]



**TIGHTENING TORQUES:**

- Automatic unit on coupling jaw: . . . . . 85 + 10 Nm
- Apron (part-turn actuator) to coupling jaw: . . . . . 45 + 10 Nm



[3] **A** Fastening screw  
**B** Spacing bushing

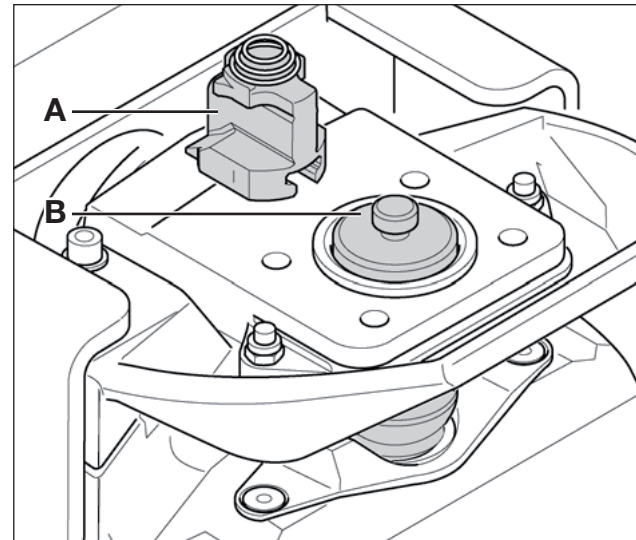
# Coupling pin

## Requirements

- Automatic unit disassembled

## Disassembly

- Disconnect guide [4A] downward from the coupling pin [4B]
- Remove coupling pin from drawbar



- [4] A Guide  
B Coupling pin



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