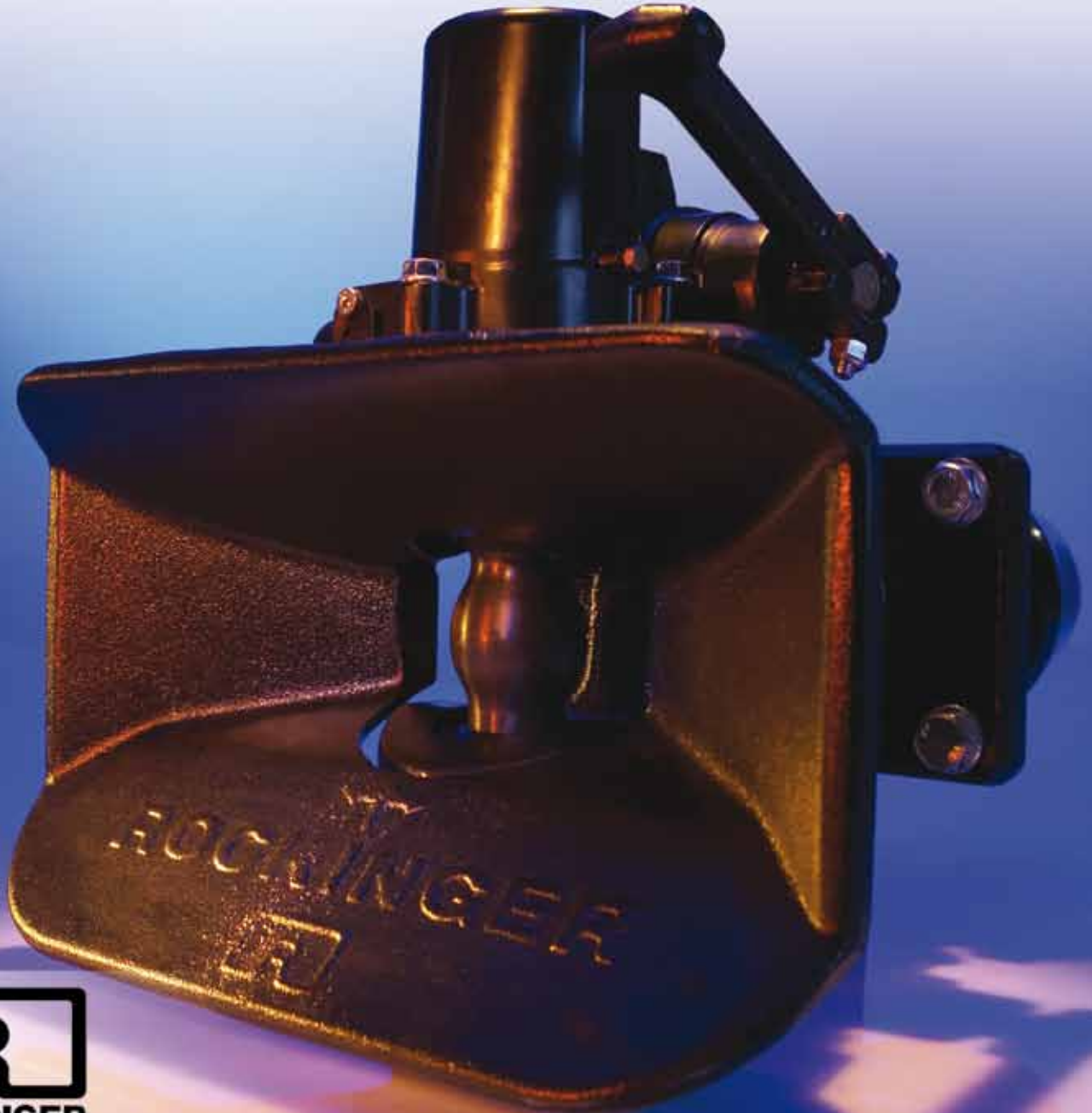


# JOST

# RO★500

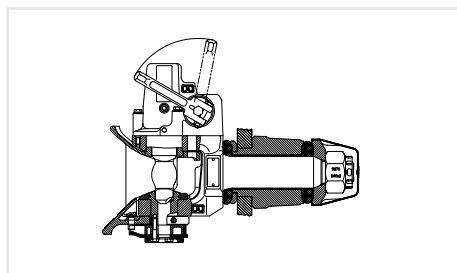
Service Checklist  
for ROCKINGER Towing Hitch



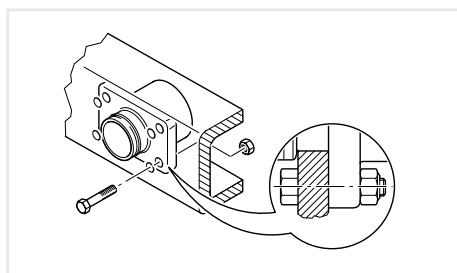


## DRIVER CHECKS

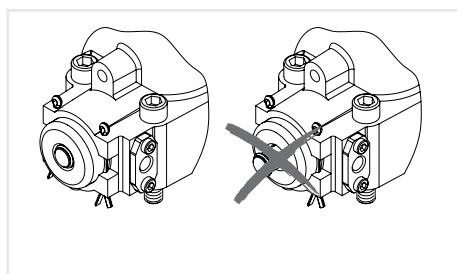
The driver should check that the Coupling is free from visible defects, ie missing parts, cracked or broken parts etc. These checks should be carried out each time before the Coupling is used.



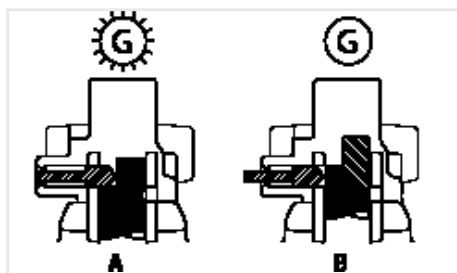
- 1** Close coupling before cleaning with high-pressure washers
- 2** Clean all parts, visually inspect and if damaged repair or replace



- 3** Check that the connection bolts are present, secure and correctly torqued
- 4** Ensure that the Coupling operates correctly, ie, opens and closes with all safety features fully effective

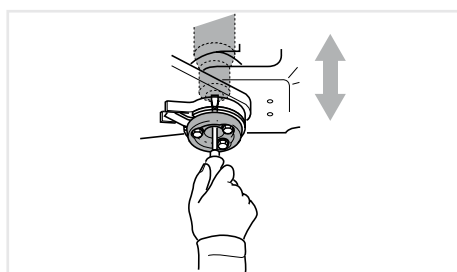


- 5** Safety pin must be flush with guide bush (the proper function of the remote indicator must be checked – if the safety pin is flush with guide bush it must light green)

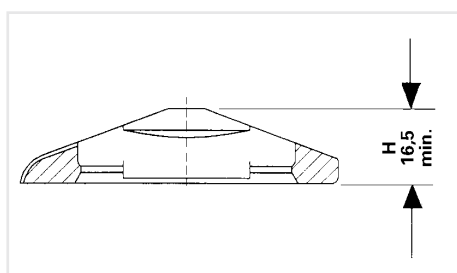


Function test from remote display and control pin:

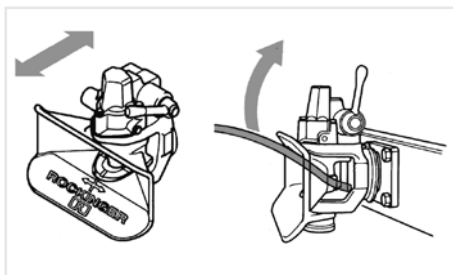
- A** Coupling is closed and secured: control pin is flush with its housing
- B** Coupling is not closed: indicator lamp is not illuminated, control pin is protruding



- 6** Check lower bush for dirt & blockage
- 7** Passage below pin must be free



- 8** The support ring for the drawbar eye must be replaced when due to wear, the drawbar eye can contact the lower bush or when the height H is 16,5 mm or less. **The lower bush must not be damaged under any circumstances as this will impair closure of coupling! Take care to prevent risk of accident!** Always grease support ring to reduce wear (please consult repair leaflet, available on request, for details of replacing).

**9**

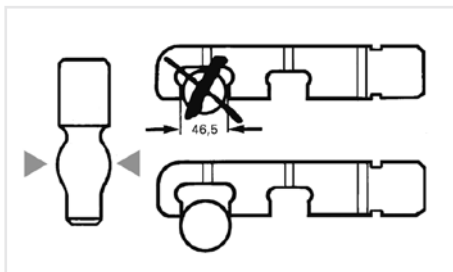
Bearings:

Longitudinal play

- Grip coupling head (not jaw funnel) with both hands when uncoupled and move vigorously in longitudinal direction: **No longitudinal play** is allowed.

**Vertical play**

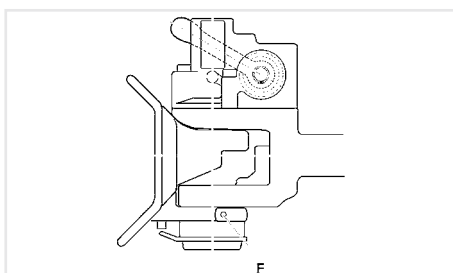
- Open coupling
- Move coupling head up and down with appropriate tool: **Vertical play** may not exceed 3 mm measured at coupling head (centre axis of coupling pin).

**10**

Coupling pin:

To check the wear of the coupling pin, use the ROCKINGER reference gauge (part no. 57122). When the main ovulated section has worn down to **46,5 mm** – or before – the coupling pin must be replaced.

The maximum vertical play of the coupling pin may be **2 mm** at the most.

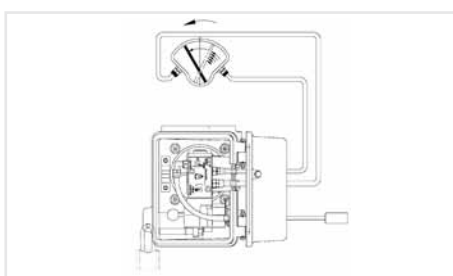
**11**

After cleaning regrease coupling pin and support

Note : Only lightly grease



ROE-96047



## Pneumatic air operation

**1**

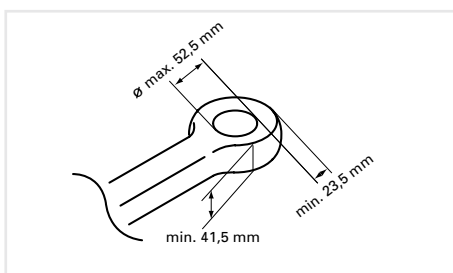
No air leaks from control valve, air pipes or actuator

**2**

Control valve is working

**3**

Check lever and safety pin operation



## Drawbar eye

**1**

Worn deformed and damaged bushes must be immediately replaced with new ones welding on/at the bush is not allowed

**2**

When the wear limit on the drawbar eye has been reached, it must be replaced.

**3**

Check the underside of the eye for damage and wear

## Description of defects requiring immediate attention: Repair or re-

**1**

Weld cracked on draw bar, or nut loose

**2**

Draw bar eye deformed, cracked or excessively worn

**3**

Locking device missing, inadequate, damaged or ill-fitting

**4**

Safety device missing or not operative

**5**

Cracked funnel, cracked x members

**6**

Bent handle, bent funnel

