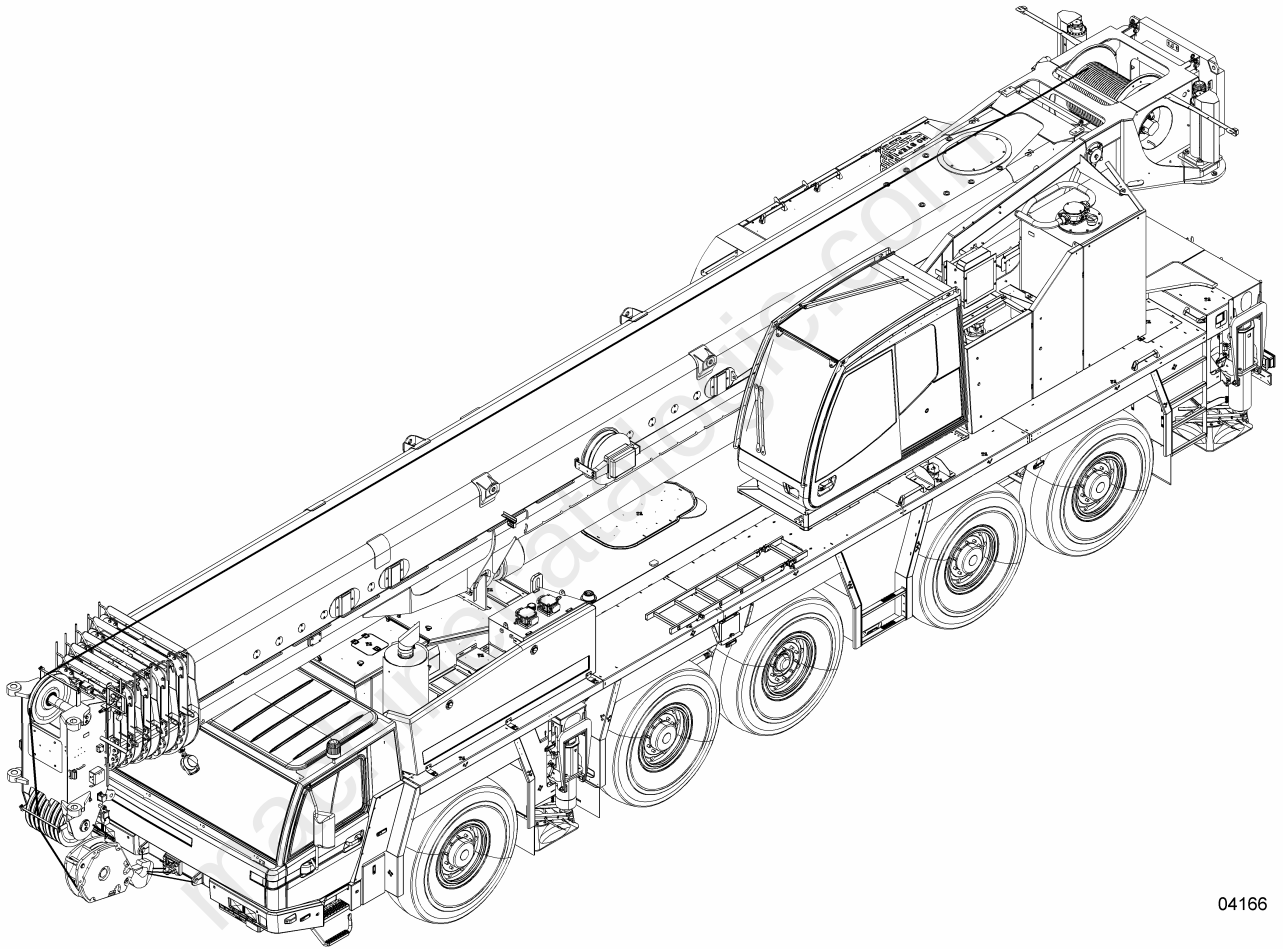


Operating, Service and Maintenance Manual

ATC - 3200



04166

DANGER

Read this manual before operating. Keep this manual in the crane carrier cab for future reference.

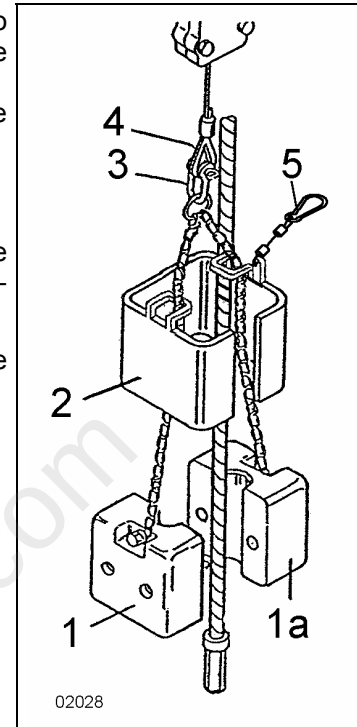
Vehicle identification no: WFN5 RUD R1 72029...

6.7.3 Releasing weight

After rope reeving has been finished and the rope socket has been secured to the boom head or the bottom block, depending on the number of rope falls, the releasing weight must be mounted to the rope again.

The releasing weight (1 and 1a) consists of two halves with a retaining device (2).

- Fasten the shackle (3) of the chain in the thimble (4) of the hoist limit switch.
- Arrange the two halves of the releasing weight around the rope and secure them so that the pins of one half of the weight can be inserted into the boreholes of the other half of the weight.
- Press the weight halves together and push the retaining device (2) over the releasing weight.
- Attach the snap hook (5) in the first chain link above the retaining device.

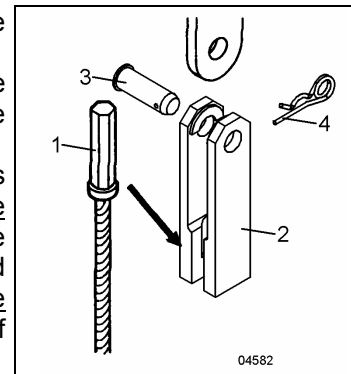


6.7.4 Rope fastening

When the mobile crane is equipped with its original components, a winch rope with steel wire rope clamp (1) and a rope socket (2) are provided.

In the case of an even number of rope falls, the rope socket is fastened to the boom head; in the case of an odd number of rope falls, it is fastened to the bottom block (refer to item 6.7.1).

The steel wire rope clamp of the winch rope is attached in the rope socket as shown in the illustration. If the locking pin is inserted (3) in the direction of the arrow (refer to item 6.7.1, Fig. 1 and 2) and fastened to the boom head or the bottom block, it is ensured that the steel wire rope clamp cannot be detached from the rope socket. Once the pin has been inserted in the direction of the arrow (refer to item 6.7.1, Fig. 1 and 2), it is essential to secure it by means of the spring clip (4).



Attention

When installing a new rope socket or winch rope, make sure to use only original LINK-BELT spare parts (refer to data marked on the rope socket).

To enable also the use of conventional lifting ropes (without steel wire rope clamp), a conventionally designed rope socket is also provided with the crane (rope end clamp) (refer to item 6.7.4.1).

15 Driver's cab

Grease joints and pins and all movable components with lubricating oil. Make sure that these parts run freely and are easy to operate.

These components are, e.g.:

- Joints of the folding access steps on the left and right;
- Hinges of the cover lid below the driver's cab,
- Hinges of the engine servicing lid.

The mechanical components of the door locks also require regular care. The closing cylinders should be treated with a graphited agent, preferably before the cold season begins.

It is better to treat door seals and other rubber components with acid-free grease or French talc before the cold season begins.

15.1 Warm water heating

For instructions on operation, service and maintenance please refer to the documents of the unit's manufacturer (see Part G1 chassis).

Make sure that the manufacturer's instructions are observed.

15.2 Wiper-blade elements / washing system

15.2.1 Replacement of the wiper-blade elements

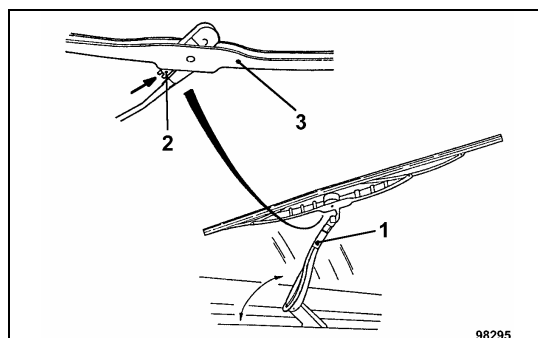
The wiper-blade elements must be cleaned at regular intervals to work properly.

For safety reasons (good visibility), it is recommended to replace the wiper-blade elements immediately if their cleaning effect decreases. The wiper-blade elements should be replaced at least once per year.

Replacement of wiper-blade elements:

- Lift wiper arm (1), push down the spring (2) and slip wiper-blade element (3) towards the wiper arm.
- Remove wiper-blade element and reverse the above procedure to mount new wiper-blade element.

The wiper-blade element is correctly mounted when it is locked in its support.



15.2.2 Windshield washing system

The supply tank of the windshield washing system is located below the front lid of the driver's cab, on the right (refer to part B1-2, item 2.3.3).

5.2 Steering system - hydraulic / electrical section

Malfunction	Possible cause	Remedy
Steering hard to operate	Pump of steering hydraulics does not supply enough oil; insufficient pressure Piston packing ring on steering cylinder damaged Piston rod of a steering cylinder deformed Pump, circuit I or II, defective Valve block or multi-way valve in block defective or clogged Leakages in steering block	Check setpoint pressure by applying a pressure gauge to the test connectors M1 = steering circuit 1 M2 = steering circuit 2 Replace cylinder Replace cylinder Replace pump Repair, clean or replace the multi-way valve Check screw couplings and seals
Pilot lamp of a steering circuit goes on	Flowmeter defective Flow limiting valve defective Hose pipe leaking Screw coupling in pipe system loosened; loss of oil	Replace Replace Replace hoses Check screw couplings for tight fit and seals for perfect condition
Steering pump produces excessive noise	Pump defective Pump sucks in air Leakages in suction pipe	Repair or replace pump Check for leakages and good condition of screw couplings Check screw couplings
Steering of rear axles not possible (Diagonal steering).	Insufficient pump pressure (pump defective, leakages, filter in return pipe etc.)	Check pressure at test connector.
Pilot lamp "emergency pump" is lit although the two steering circuits are in proper working order	Flowmeter or flow limiting valve defective Emergency steering pump defective	Replace Replace

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Link-Belt ATC-3200 all terrain crane operator manual, with controls, safe operation, outrigger setup and travel. Searchable PDF. Instant PDF download.

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