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Inspection booklet

KRONE flatbed semitrailer
 KRONE box semitrailer
 KRONE trailer

KRONE swap flatbed
 KRONE swap bodies
 KRONE fixed superstructures

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1. Introduction

Dear customer,

In order to ensure a permanent road worthiness and operational safety of new vehicles, an annual inspection is required.

The following inspection booklet documents the state of repair of your new KRONE vehicle.

- Please observe the inspection intervals indicated and have the inspections carried out by authorised personnel in a KRONE contract workshop only.
- Please keep this inspection booklet inside the vehicle at all times. It may be of help as proof in case of vehicle spot checks.

2. Manufacturer's Confirmation

A manufacturer's confirmation is contained in load securing certificate.

3. Equipment features

For equipment features, please refer to the load securing certificate.

4. Test Instructions

4.1. General aspects

The following has to be determined before carrying out the tests:

- Conformity of VIN on the cover sheet with that of the vehicle.

The following points have to be thoroughly checked:

- weld seams for cracks.
- screws and rivets for tight fit (torque has to be observed).
- tension straps, tarpaulin rollers, tarpaulin tensioning gear, door locks for function and damage.
- adhesion for tight fit.
- moveable parts for function.

Have damage repaired immediately by KRONE service partner or have damaged component parts replaced by original KRONE spare parts.

4.2. Front wall



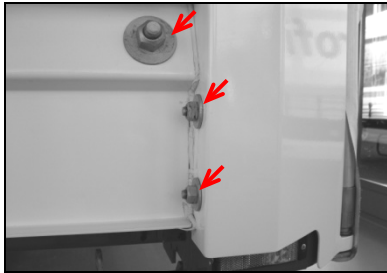
Overall view



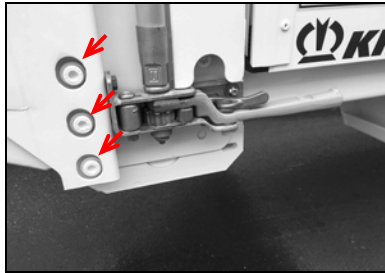
Front wall plate



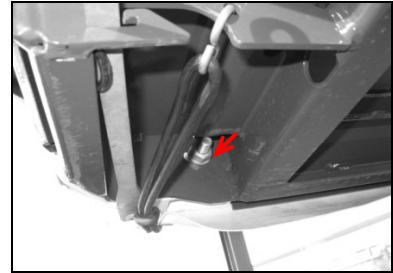
Front wall, bottom



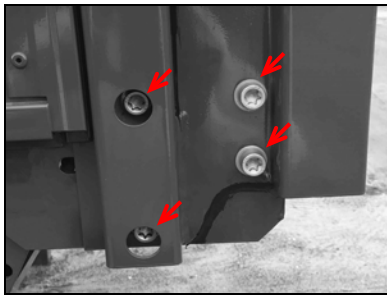
Corner post, front



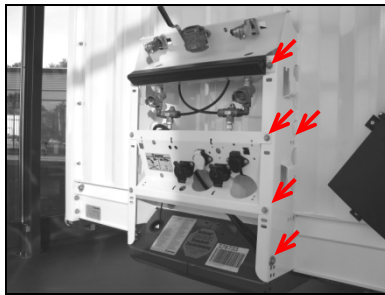
Rear corner posts (variant)



Corner post, front bottom



Rear corner posts (variant)



Coupling support

4.3. Side wall

4.3.1. Fixed side wall (box)



Overall view



Lower fastening



Rear fastening



Folding wall (function)

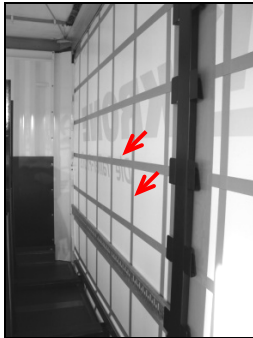


Duoplex GRP (bonding)

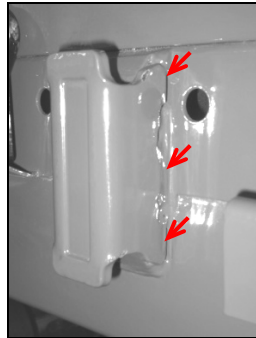


Duoplex steel (bonding)

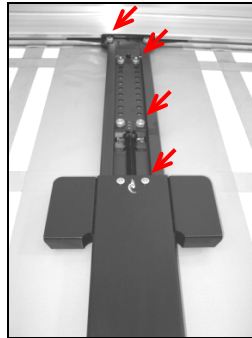
4.3.2. Sliding side tarpaulin (tarpaulin structure)



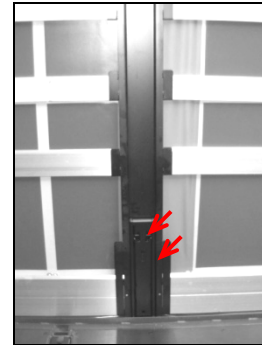
Curtain reinforcement



Post holder



Centre post top



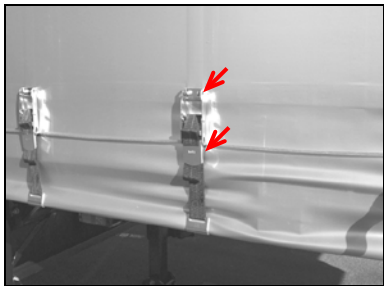
Centre post bottom



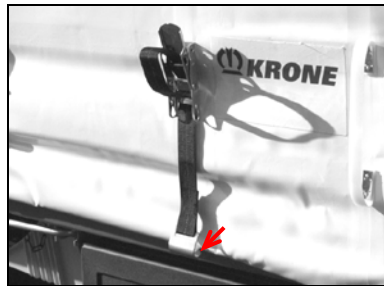
Plug-in pocket on the centre post



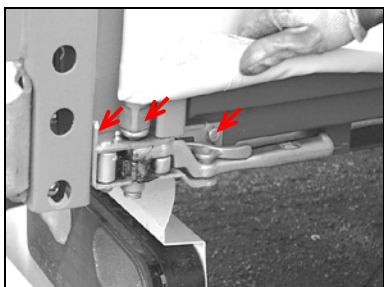
Plug-in pocket on the corner post



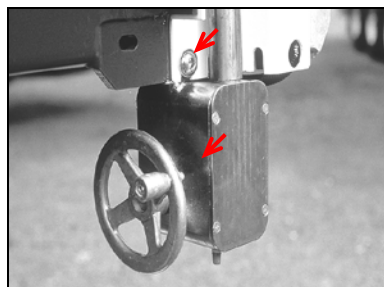
Curtain buckle



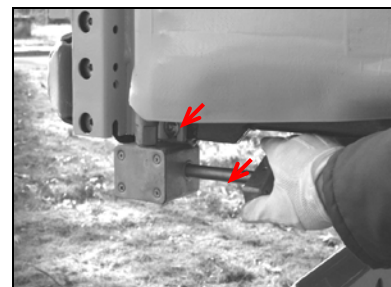
Tension strap hook (hook extension)



...with ratchet

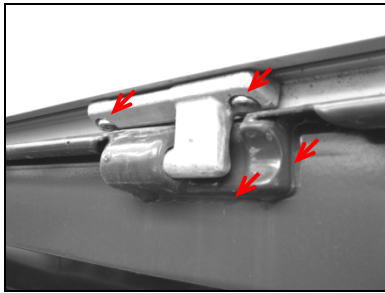


...with hand-wheel

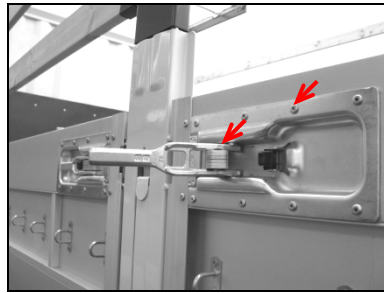


...with turn toggle

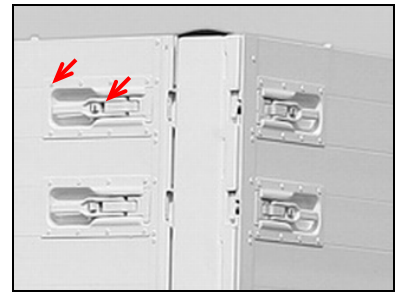
Side board wall



Hinge bearing



Board wall latch, middle



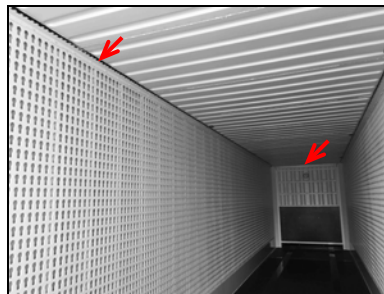
Board wall latch, front / rear

4.4. Roof

4.4.1. Fixed roof

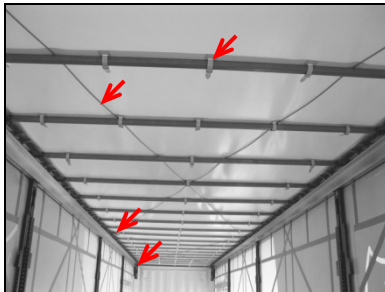


General view inside (adhesives)

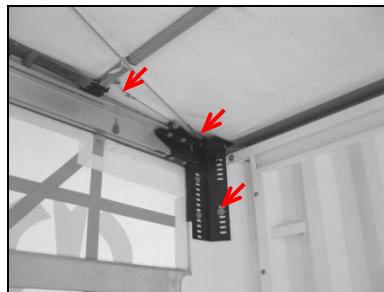


General view inside (adhesives)

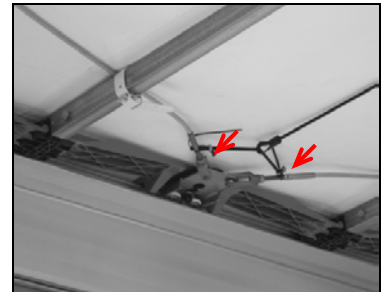
4.4.2. Sliding roof



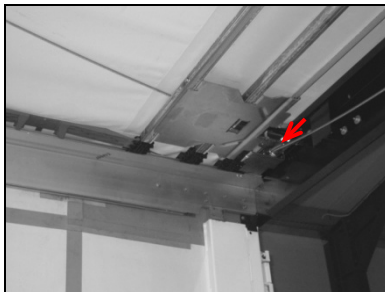
Overall view, inside



Cable connection, front



Cable connection, middle



Cable connection, rear



Tension belt on the transverse hoop

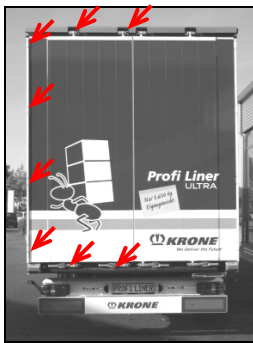
4.4.3. Roof tarpaulin



Roof tarpaulin (rivets)

4.5. Rear wall

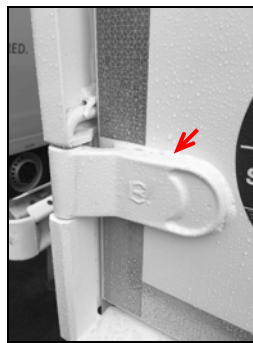
4.5.1. Portal doors



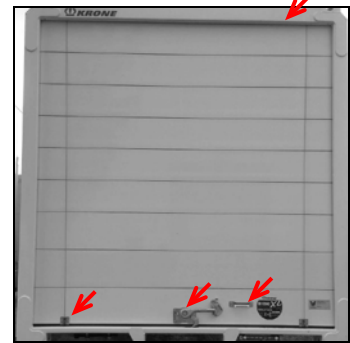
Overall view



Door hinge

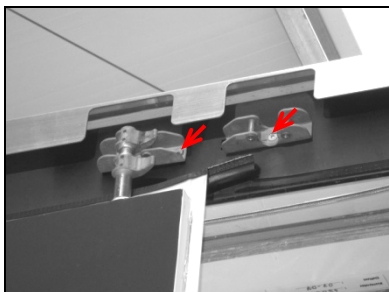


Door hinge

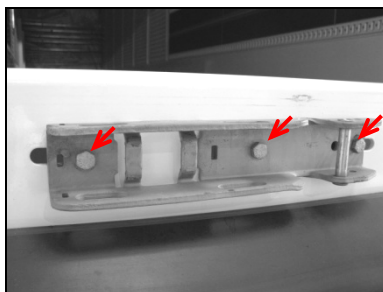


Roller door (rivets/bolts, strap, lock)

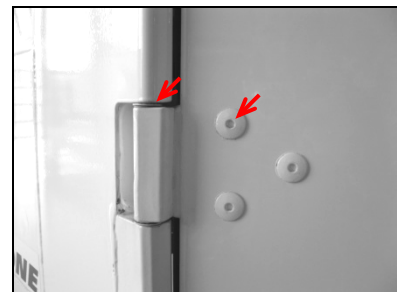
Inspection / maintenance of the roller door in accordance with the manufacturer's instructions required.



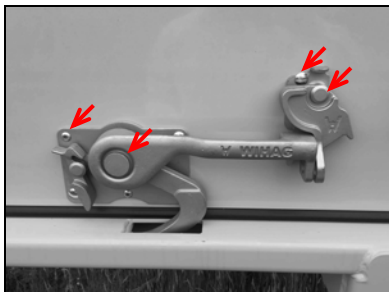
Upper door lock



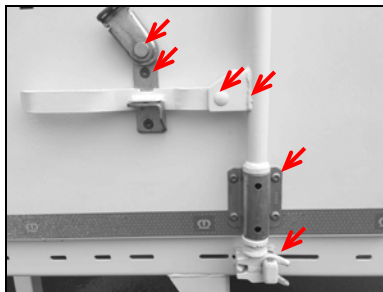
Lower door lock



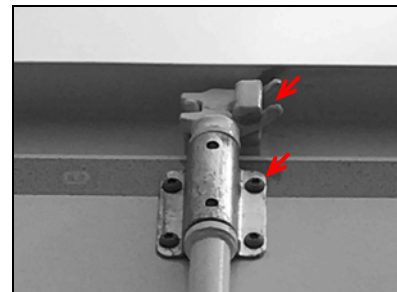
Door hinge



Roller door lock

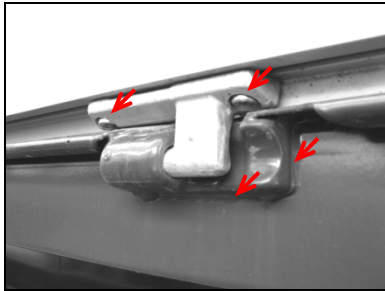


Turn rod lock, bottom

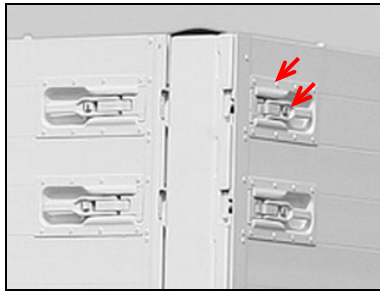


Turn rod lock, top

4.5.2. Rear wall



Hinge bearing

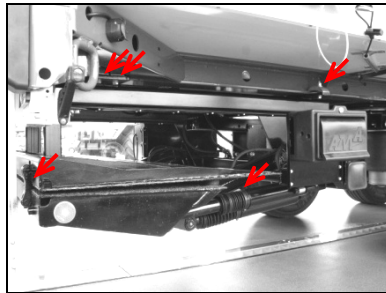


Board wall latch

4.5.3. Tail lift



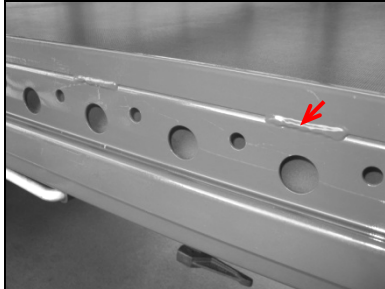
...fixed



...can be folded down

Inspection / maintenance of the tail lift required in according with the manufacturer's instructions.

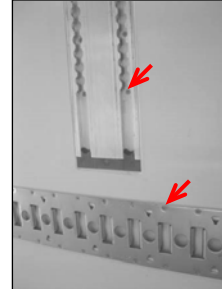
4.6. Load securing elements



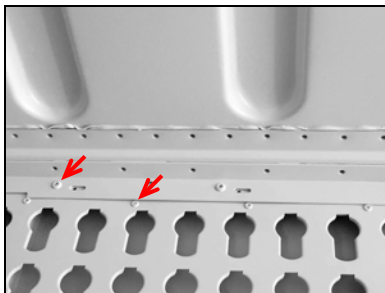
Pallet stop, welded



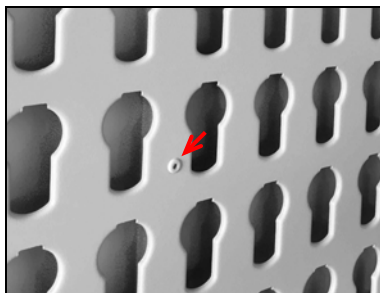
Pallet stop, bolted



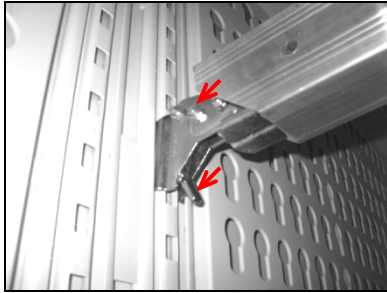
Rails



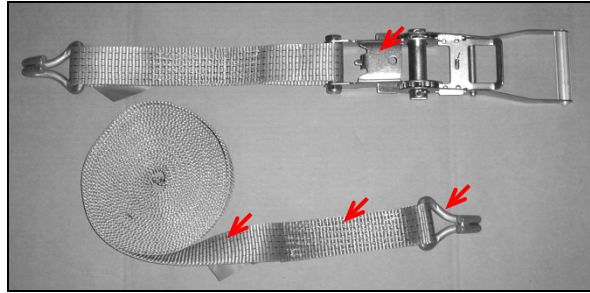
Keyhole plate, top



Keyhole plate



Loading beam



Tension strap and ratchet (hook expansion, dead-centre locking device)

5. Annual proof of inspection

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Inspection date 1	Inspector (name)	Company stamp of specialist workshop	Inspector's signature								
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6. Appendix / explanations



Erläuterungen zum Thema: Jährliche Überprüfung der KRONE Aufbauten bei Fahrzeugen mit Ladungssicherungszertifikat

Sehr geehrte Damen und Herren,

im Zuge einer Modifikation der VDI Richtlinie 2700 „Ladungssicherung auf Straßenfahrzeugen“ mit dem Wortlaut: „[...] **Grundsätzlich sind zur Ladungssicherung herangezogene Sicherungsmittel einer jährlichen Prüfung durch eine befähigte Person zu unterziehen.** [...]“ (s.S.3 letzter Absatz), möchten wir Sie informieren, dass nach EN 12642 Code XL eine jährliche Überprüfung von zertifizierten Aufbauten durchgeführt werden muss.

Die Prüforganisationen haben die Durchführung der gesonderten Kontrollen als Pflicht festgesetzt, trotz der regulären vom Fahrzeughalter/Nutzer durchgeführten Kontrolle/ Wartung.

Die befähigten Personen zur jährlichen Prüfungen der zertifizierten KRONE Aufbauten sind nach Definition der Zertifikataussteller Mitarbeiter der Technischen Prüfstellen der Bundesrepublik Deutschland und KRONE Vertragswerkstätten. Explizit sind dies die Mitarbeiter des TÜV Nord; TÜV Süd, TÜV Rheinland und der Dekra. Diese Mitarbeiter können diese Prüfung z.B. im Rahmen der Hauptuntersuchung (HU) durchführen. Gleiches gilt für speziell geschulte Mitarbeiter der KRONE Vertragswerkstätten.

Die jährliche Prüfung der zertifizierten Aufbauten ist notwendig, um eventuellen Kontrollen durch die Polizei, BAG oder Problemen bei Verladern vorzubeugen. Ausdrücklich möchten wir aber darauf hinweisen, dass die ausgestellten Ladungssicherungszertifikate ihre Gültigkeit nicht verlieren, falls die Überprüfungen laut EN 12642 Code XL nicht jährlich durchgeführt werden. Dennoch kann unter Umständen ein Verlader Ihre Beladung verweigern, wenn die jährliche Überprüfung nicht nachgewiesen werden kann.

Die Mitarbeiter der technischen Prüfstellen sind nach Aussagen von TÜV Nord entsprechend geschult. Es liegen dort Unterlagen vor, um die Prüfungen umgehend umzusetzen.

Mit freundlichen Grüßen


Uwe Sasse
Geschäftsführer Fahrzeugwerk Krone


i.A. Thorsten Perk



Explanation of:
Annual review of KRONE body assemblies of vehicles
with load safety certificate

Dear Sir/Dear Madam,

Due to the recent modification to VDI Guidelines 2700 "Securing cargo of road vehicles" with the text: ". . . **primarily, securing devices employed for securing the cargo should undergo annual inspection by a competent person. . .**" (see page 3, last paragraph), we wish to advise you that according to EN 12642, Code XL, annual inspection of certified body assemblies must be carried out.

The testing organisations have made it obligatory to carry out a separate inspection, despite regular inspections/servicing carried out by the vehicle owner/user.

Competent persons for the annual inspection of certified KRONE body assemblies are, according to the definition of issuer of certificates, the co-workers of test houses in Federal Republic of Germany and KRONE workshops. Explicitly stated, these are the co-workers of TÜV Nord (North); TÜV Süd (South), TÜV Rheinland (Rhineland) and Dekra. The co-workers can carry out such inspection, e.g., as part of the main inspection. The same applies to specially trained co-workers of KRONE authorised repair shops.

The annual inspection of certified body assemblies is necessary to prevent likely inspection by the police, BAG (Federal Office of Goods Traffic) or problems with shippers. However, we would like to express that the load safety certificates issued do not become invalid in case the verification according to EN 12642, Code XL are not carried out annually. Despite that, it is likely that a shipper may refuse the cargo if the annual inspection cannot be demonstrated.

According to TÜV Nord (North), co-workers of test houses are suitably trained and documents are available to carry out an immediate inspection.

With best regards


Uwe Sasse
CEO, Fahrzeugwerk Krone


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