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Inspection booklet

KRONE platform semitrailer
KRONE box semitrailer
KRONE trailer

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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 safety certificate.

3. Equipment features

For equipment features, please refer to the load safety 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).
- strapping belts, 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



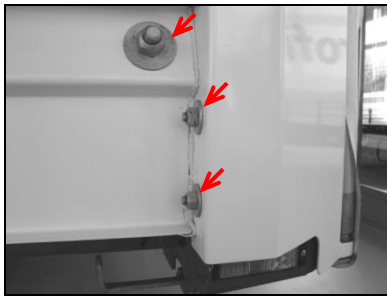
Overall view



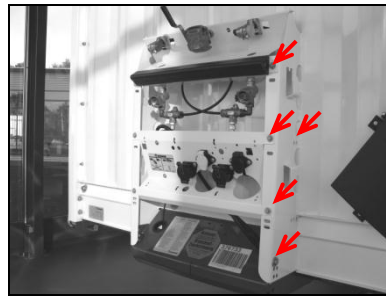
Front wall plate



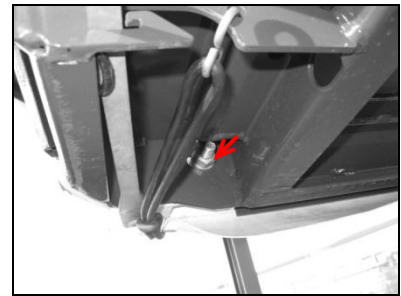
Lower front wall



Front corners



Clutch carrier



Front lower corners

4.3. Side wall

4.3.1. Fixed side wall (box)



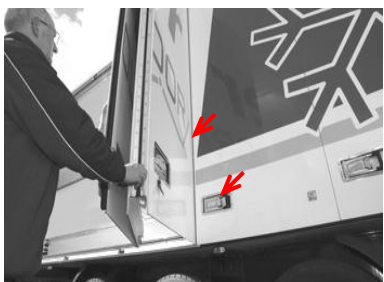
Overall view



Top fastener



Bottom fastener



Folding door (Function)



Duoplex GFK (Adhesion)

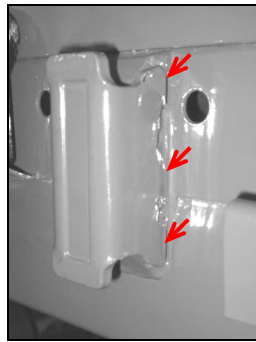


Duoplex Steel (Adhesion)

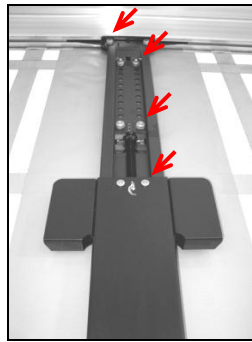
4.3.2. Sliding side tarpaulin (tarpaulin structure)



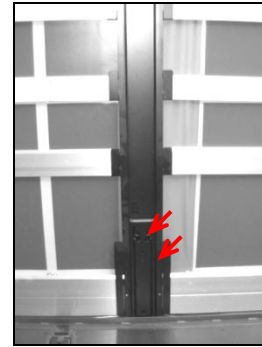
Tarpaulin reinforcement



Post holder



Middle top post



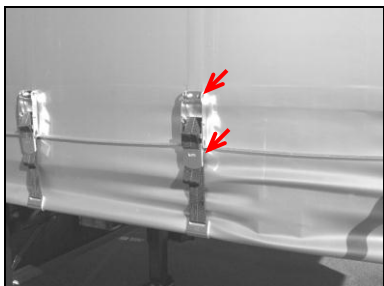
Middle bottom post



Insert pocket in centre post



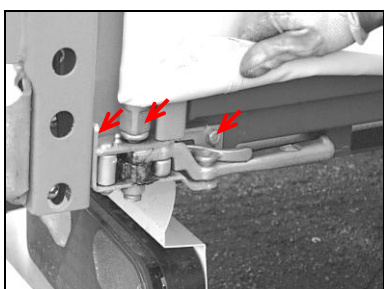
Insert pocket in corner post



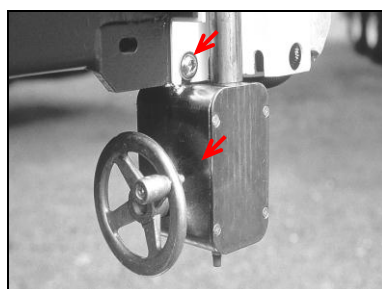
Tarpaulin belt tensioner



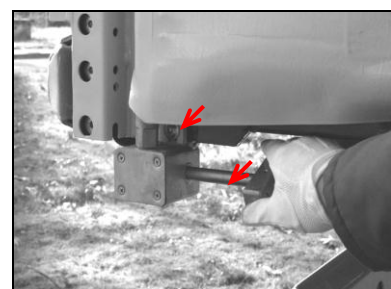
Strap hook (hook extension)



... with ratchet

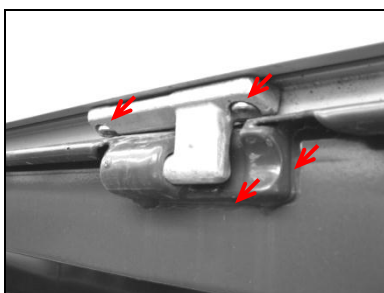


... with handwheel

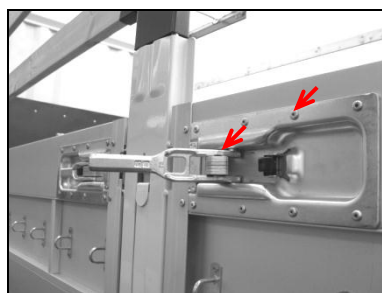


... with T-toggle

4.3.3. Side board wall



Hinge bearing



Board wall lock, middle



Board wall lock, front / rear

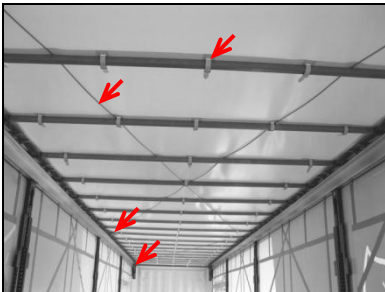
4.4. Roof

4.4.1. Fixed roof

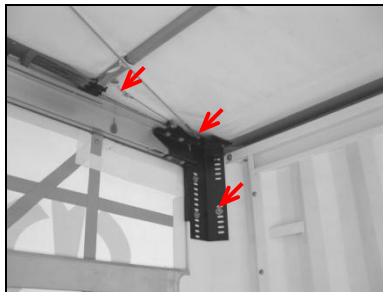


General view inside (adhesives)

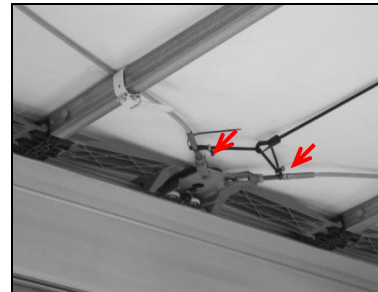
4.4.2. Shifting roof



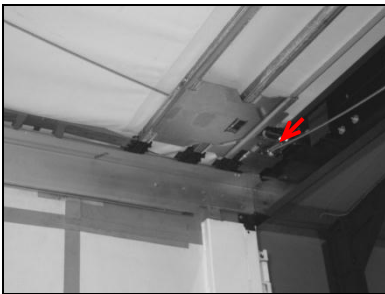
General view inside



Rope connection, front



Rope connection, middle



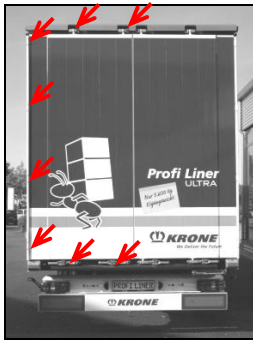
Rope connection, rear



Tensioning belt on traverse roof beam

4.5. Rear wall

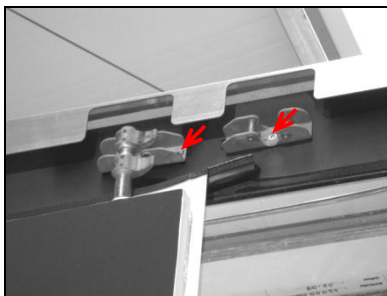
4.5.1. Portal doors



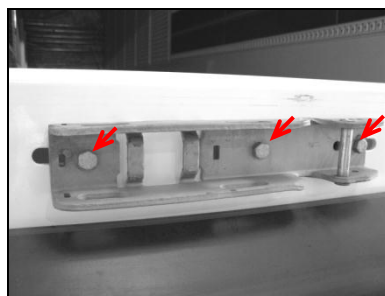
General view



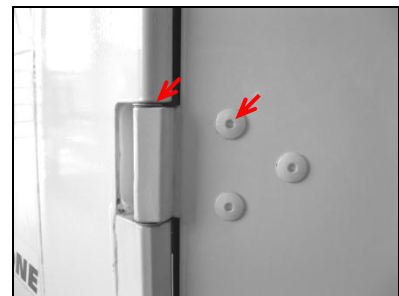
Door hinge



Upper door lock

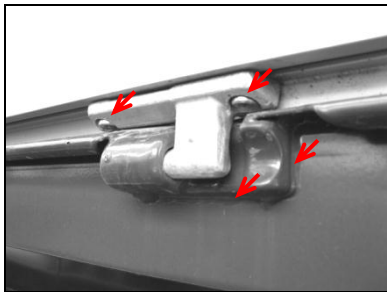


Lower door lock



Door hinge

4.5.2. Rear wall



Hinge bearing

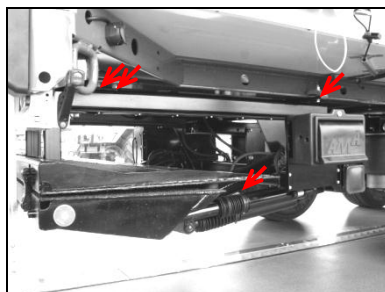


Board wall lock

4.5.3. Loading platform



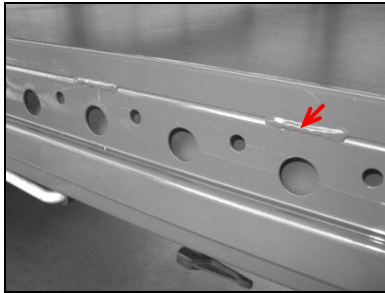
... upright



... folding

Inspection / maintenance of the board wall required in according with the manufacturer's instructions.

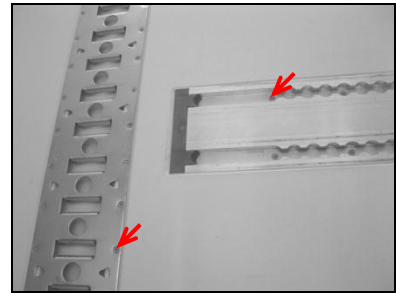
4.6. Load securing elements



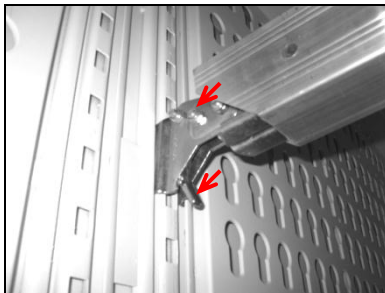
Pallet stop, welded



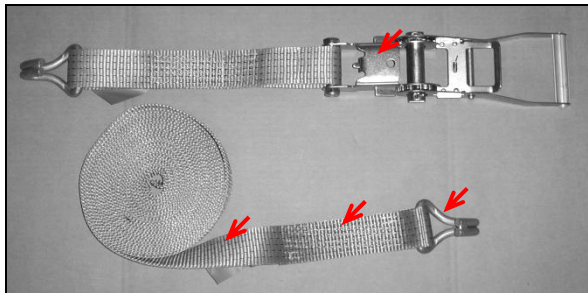
Pallet stop, screwed



Rails



Loading bar



Straps and ratchets (hook widening, dead-centre locking device)

5. Annual proof of inspection

Inspection date 1	Inspector (name)	Company stamp of specialist workshop	Signature of the inspector								
Test date 1 <table border="1" style="width: 100%; text-align: center;"> <tr> <td>d</td><td>d</td><td>m</td><td>m</td><td>y</td><td>y</td><td>y</td><td>y</td> </tr> </table>	d	d	m	m	y	y	y	y	Inspector (name)	Company stamp of specialist workshop	Inspector's signature
d	d	m	m	y	y	y	y				
Inspection date 2	Inspector (name)	Company stamp of specialist workshop	Signature of the inspector								
Test date 2 <table border="1" style="width: 100%; text-align: center;"> <tr> <td>d</td><td>d</td><td>m</td><td>m</td><td>y</td><td>y</td><td>y</td><td>y</td> </tr> </table>	d	d	m	m	y	y	y	y	Inspector (name)	Company stamp of specialist workshop	Inspector's signature
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Inspection date 3	Inspector (name)	Company stamp of specialist workshop	Inspector's signature								
Test date 3 <table border="1" style="width: 100%; text-align: center;"> <tr> <td>d</td><td>d</td><td>m</td><td>m</td><td>y</td><td>y</td><td>y</td><td>y</td> </tr> </table>	d	d	m	m	y	y	y	y	Inspector (name)	Company stamp of specialist workshop	Inspector's signature
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Inspection date 4	Inspector (name)	Company stamp of specialist workshop	Inspector's signature								
Test date 4 <table border="1" style="width: 100%; text-align: center;"> <tr> <td>d</td><td>d</td><td>m</td><td>m</td><td>y</td><td>y</td><td>y</td><td>y</td> </tr> </table>	d	d	m	m	y	y	y	y	Inspector (name)	Company stamp of specialist workshop	Inspector's signature
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Inspection date 5	Inspector (name)	Company stamp of specialist workshop	Inspector's signature								
Test date 5 <table border="1" style="width: 100%; text-align: center;"> <tr> <td>d</td><td>d</td><td>m</td><td>m</td><td>y</td><td>y</td><td>y</td><td>y</td> </tr> </table>	d	d	m	m	y	y	y	y	Inspector (name)	Company stamp of specialist workshop	Inspector's signature
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Inspection date 6	Inspector (name)	Company stamp of specialist workshop	Inspector's signature								
Test date 6 <table border="1" style="width: 100%; text-align: center;"> <tr> <td>d</td><td>d</td><td>m</td><td>m</td><td>y</td><td>y</td><td>y</td><td>y</td> </tr> </table>	d	d	m	m	y	y	y	y	Inspector (name)	Company stamp of specialist workshop	Inspector's signature
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Inspection date 7	Inspector (name)	Company stamp of specialist workshop	Inspector's signature								
Test date 7 <table border="1" style="width: 100%; text-align: center;"> <tr> <td>d</td><td>d</td><td>m</td><td>m</td><td>y</td><td>y</td><td>y</td><td>y</td> </tr> </table>	d	d	m	m	y	y	y	y	Inspector (name)	Company stamp of specialist workshop	Inspector's signature
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Inspection date 8	Inspector (name)	Company stamp of specialist workshop	Inspector's signature								
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Inspection date 9	Inspector (name)	Company stamp of specialist workshop	Inspector's signature								
Test date 9 <table border="1" style="width: 100%; text-align: center;"> <tr> <td>d</td><td>d</td><td>m</td><td>m</td><td>y</td><td>y</td><td>y</td><td>y</td> </tr> </table>	d	d	m	m	y	y	y	y	Inspector (name)	Company stamp of specialist workshop	Inspector's signature
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Inspection date 12	Inspector (name)	Company stamp of specialist workshop	Inspector's signature								
Test date 12 <table border="1" style="width: 100%; text-align: center;"> <tr> <td>d</td><td>d</td><td>m</td><td>m</td><td>y</td><td>y</td><td>y</td><td>y</td> </tr> </table>	d	d	m	m	y	y	y	y	Inspector (name)	Company stamp of specialist workshop	Inspector's signature
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Inspection date 13	Inspector (name)	Company stamp of specialist workshop	Inspector's signature								
Test date 13 <table border="1" style="width: 100%; text-align: center;"> <tr> <td>d</td><td>d</td><td>m</td><td>m</td><td>y</td><td>y</td><td>y</td><td>y</td> </tr> </table>	d	d	m	m	y	y	y	y	Inspector (name)	Company stamp of specialist workshop	Inspector's signature
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Inspection date 14	Inspector (name)	Company stamp of specialist workshop	Inspector's signature								
Test date 14 <table border="1" style="width: 100%; text-align: center;"> <tr> <td>d</td><td>d</td><td>m</td><td>m</td><td>y</td><td>y</td><td>y</td><td>y</td> </tr> </table>	d	d	m	m	y	y	y	y	Inspector (name)	Company stamp of specialist workshop	Inspector's signature
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Inspection date 15	Inspector (name)	Company stamp of specialist workshop	Inspector's signature								
Test date 15 <table border="1" style="width: 100%; text-align: center;"> <tr> <td>d</td><td>d</td><td>m</td><td>m</td><td>y</td><td>y</td><td>y</td><td>y</td> </tr> </table>	d	d	m	m	y	y	y	y	Inspector (name)	Company stamp of specialist workshop	Inspector's signature
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Inspection date 16	Inspector (name)	Company stamp of specialist workshop	Inspector's signature								
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d	d	m	m	y	y	y	y				
Inspection date 17	Inspector (name)	Company stamp of specialist workshop	Inspector's signature								
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d	d	m	m	y	y	y	y				

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


p.p. Thorsten Perk