

User Manual Trailers



Pumps for results



Product and Dealer information

Note

Please copy the trailer information from the type plate.

Delivery date : _____

Product information

Model : _____

Product identification number : _____

Trailer serial number : _____

Customer's product number : _____

Dealer's product number : _____

Dealer information

Name : _____

Address : _____

City : _____

Country : _____

Dealer contact Telephone number Email

Sales : _____

Parts : _____

Service : _____

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	Preface
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This user manual was written by BBA Pompen en Buizen BV for the trailer. The supplier, BBA Pompen en Buizen BV, will simply be referred to as BBA Pumps in the rest of this manual.

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Disclaimer

Despite the care that has been put into the compilation of the text and illustrations, neither the author nor the publisher can be held liable for any consequential damages resulting from possible errors in this publication.

The original manual was written in Dutch. Versions in other languages are translations of the original instructions. A translation may contain information that differs from the original due to interpretation of the content and meaning of the original text.

In the case of such discrepancies, the original Dutch-language instructions will be considered the sole authentic source for the purpose of determining the content and meaning of the text.

This manual reflects the state of the art in technology at the time of publication.

BBA Pumps BV reserves the right to make changes to technical and design specifications at any time without prior notice.

Publication date: 1206

EN manual: 9700010115

Preface

This general user manual describes how to work with and perform scheduled maintenance on all the standard types of trailers.

Activities that are to be performed by BBA Pumps or their dealer are not included in this manual.

This manual is part of the trailer!

Therefore you must keep it in a safe place. It contains information that may be useful or necessary at a later time, such as when performing repairs and maintenance.

It is recommended that one copy be kept with the trailer and another copy be stored elsewhere, such as in your technical service department's archive.

BBA Pumps or their dealer can provide an additional copy if necessary. When the trailer is transferred to a new owner, this manual must be included with it.

In addition to the provisions of this manual, there are also legal regulations applicable to the use of trailers, such as those pertaining to trailer registration, obtaining/displaying a registration plate, maximum speeds, etc. These legal regulations can differ from country to country and may change over the course of time. Keep yourself informed!

Use of this manual

The parts descriptions only apply to the extent they are actually used on the trailer.

The instructions in this manual are arranged based on the type of trailer user. Any specific requirements applicable to the various categories of user will be described in chapter 2.

The following designations are used:

User:	The collective name for everyone who works on or with the trailer.
Operator:	This is the daily user of the trailer.
Service personnel:	Persons with training, experience and tools that are required for the described activities.
Safety officer:	The person responsible for the working conditions in the company the user works for. If no individual has been specifically assigned this role, this is the employer.

Activities that are not included in this manual are to be performed by or in consultation with BBA Pumps or their dealer.

The illustrations in this manual only serve as examples. They are only intended to help you better understand the text—to indicate the location and function of controls or parts, for example. The actual implementation and dimensions may differ from those shown.

Warning and safety symbols

This manual contains warning and safety symbols. Do not ignore the accompanying instructions. They are provided for the benefit of your health and safety and to prevent damage to the environment and the trailer.



DANGER

When the danger symbol with the text DANGER is shown, it is accompanied by information that is of great importance for the safety of everyone concerned. Ignoring the information can result in injury (possibly severe) or even death.



WARNING

When the warning symbol with the text WARNING is shown, it is accompanied by information that is of great importance for everyone concerned with the trailer. Ignoring the information can result in injury or damage (possibly severe) to the trailer.

Trailer

Warranty and liability

Warranty

This general user's documentation forms a part of our general warranty conditions. Moreover, the manufacturer's instructions for use must be complied with.

To ensure continuing reliability and road safety in traffic, maintenance must be performed at the prescribed intervals.

Maintenance, repairs or replacement of wear parts of the chassis and brake system may only be performed by qualified personnel.

Only original BBA Pumps replacement parts may be used in order to:

- ensure proper functioning and safety
- preserve all rights under the guarantee and warranty
- ensure continued compliance with the conditions required for operation under national and international law

The brake system, particularly the overrun hitch, wheel brakes and towbar, have been tested according to the relevant EC directives and may only be used in the approved combination.

Liability

BBA Pumps accepts **no liability** for unsafe situations, accidents or damage resulting from failure to comply with warnings or instructions shown on the trailer or in this manual, including but not limited to:

- incompetent or incorrect use or maintenance
- use for any other application or under any other circumstances than specified in this manual
- the use of parts other than those specified
- repairs without the manufacturer's permission
- modifications to the trailer This includes:
 - changes to the coupling and brake system
 - welding work, mechanical adaptations, etc.
 - additions to the trailer

The manufacturer accepts no liability:

- if the customer has not met all their obligations to the manufacturer (financial or otherwise)
- for consequential damage resulting from malfunctions or deficiencies of the trailer (such as damage to equipment mounted on the trailer, business interruption, loss of productivity, etc.).

Preface

BBA Pumps delivers trailers suitable for use on public roads and for off-road applications. Both versions are specially designed for the transport of BBA pump units or machines manufactured by BBA Pump. The trailer consists of a chassis and, in some cases, a mounted storage compartment.

The version for use on public roads has sprung axles, an overrun brake and lighting. The towbar may be height-adjustable.

Version with non-adjustable towbar



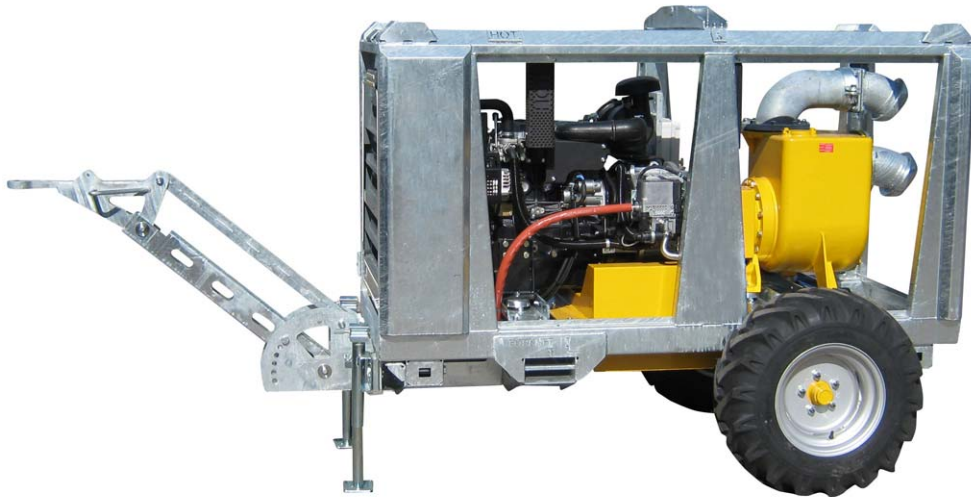
Version with adjustable towbar



Trailer

The trailer version intended for off-road use does not have a suspension, overrun brake or lighting. This version is only intended for moving the pump unit within off-road locations. The towbar is height-adjustable.

It is not permitted to use this trailer on public roads.
The maximum speed for this trailer is 25 km/h.



1 Safety

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Trailer

1.1 Preface

This trailer has been designed and built so it can be used and maintained safely. This only applies when used for the application, under the circumstances and in accordance with the instructions stated in this manual. It is therefore **essential** that everyone who will use or work on this trailer first read this manual. It is the employer's responsibility to ensure that these persons read and follow these instructions.

Additional safety measures may be applicable for the company or country in which the trailer is used; this mainly concerns working conditions. This manual does not describe how these requirements must be met. It does, however, provide the required information about the trailer. If in doubt, consult your government or safety officer.

In this manual a distinction is made between **normal use** (see chapter 2 'Operating instructions') and **other work activities** (see chapter 3) of/on the trailer. The reason for this is that—particularly with an eye toward safety—service personnel must meet other requirements than operators.

The simple maintenance tasks described in the operating instructions may be performed by the operators. Work activities not described in the operating instructions may only be performed by persons with the relevant expertise. The tools provided with the intention of restricting access to particular sections or functions may not be stored on or near the trailer; they may only be used by persons with the required knowledge.

1.2 Safety instructions

- The trailer may only be used by persons who have read and understood the operating instructions.
- Do not climb on the trailer if it is not connected to a vehicle.
- Safety provisions may not be removed or disabled.
- Keep the workplace clean and free of obstacles.
- Make sure there is sufficient lighting when performing work tasks and activities.
- Do not exceed the maximum load (see type plate/manufacturer's data plate).
- Do not exceed the maximum allowable tongue weight (see type plate/manufacturer's data plate).
- Follow the local traffic regulations when driving on public roads.
- Only move the trailer when the hoses are disconnected and the pump has been drained.
- Do not insert fingers into an open ball coupling.
- The trailer prop stands must be resting on the ground before the pump is operated.
- The off-road trailer may not be operated on public roads.
- The maximum speed for the off-road trailer is 25 km/h.

1.3 Prohibited use

- It is prohibited to transport persons or animals on the trailer.
- It is prohibited to transport any load on the trailer other than the standard BBA pump unit and/or BBA machine.

1.4 Users

Operators

The trailer can be operated by any adult person who reads and complies with the content of the 'Safety' and 'Operating instructions' chapters of this manual.

No special training is required.

An appropriate driving licence is naturally required to tow the trailer with a vehicle.

Service personnel

Special knowledge, experience and/or training pertaining to trailers is required.

1.5 Warnings and indications on the trailer

The warnings and indications on the trailer must remain clearly legible. Replace damaged warnings (see chapter '**Indications on the trailer**').

1.6 Substances hazardous to humans and the environment

Environmental protection

Residual amounts of the pumped liquid may pose a hazard to the environment. Dispose of these substances in accordance with the applicable environmental regulations.

Trailer

Disposing of the trailer

If the trailer is scrapped, the regulations for waste disposal in force at the time and location of disassembly must be observed.

Any residual amounts of pumped liquid present in the trailer must be considered chemical waste and be disposed of appropriately. This also applies to the tyres.

The handbrake may contain energy stored in a spring. During disposal, care should be taken to ensure that this energy is released in a safe manner.

Other than mentioned here, the trailer only contains common materials for which there were known disposal methods at the time of manufacture, and there were no particular risks to the persons performing the scrapping activities.

See also 'Environmental protection'.

2 Operating instructions

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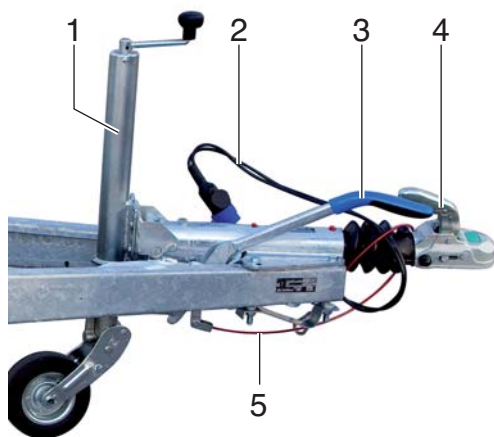
Trailer

WARNING

Read the 'Safety' chapter before putting the trailer in use.



2.1 Parts designations

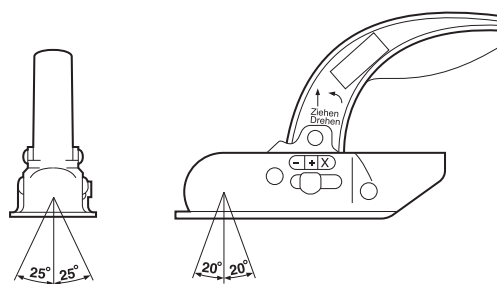


1. Jockey wheel crank
2. Lighting cable
3. Handbrake
4. Coupling release handle
5. Overrun cable

2.2 Ball coupling – general

The ball coupling's permitted pivot range

The ball coupling's pivot range is max. +/- 25° around the vehicle's longitudinal axis. It can swing within a range of +/- 20° on the horizontal plane.



Trailer



WARNING

If the pivot ranges are exceeded the components will be overloaded and the ball coupling may no longer function properly.

Permissible tongue weight

The maximum tongue weight for each particular ball coupling is embossed on the release handle of the ball coupling. The maximum tongue weight may not be exceeded.



WARNING

Never drive with a negative tongue weight, as this will have a negative impact on the trailer's driving stability.

Correct a negative tongue weight by changing the trailer's load.

Position of the coupling point on the trailer



WARNING

To obtain the correct driving and braking behaviour from the trailer, it is absolutely essential for the coupling heights of the towing vehicle and trailer to match.

According to DIN74058, the position of the coupling point on the trailer must be in a range of 430 +/- 35 mm above the point where the tyre touches the ground.

To check the coupling height, the trailer and towing vehicle must be exactly horizontal and fully loaded to their gross allowable weight. The tyre pressure must also conform to the manufacturer's specifications.

Anti-theft device

To prevent theft an anti-theft device in the form of an insert lock is available. This lock is inserted through the opening in the handle and locked. This effectively prevents unauthorised opening of the ball coupling and thus coupling and uncoupling of the trailer.

Before the lock can be inserted through the opening, the ball coupling must be closed.



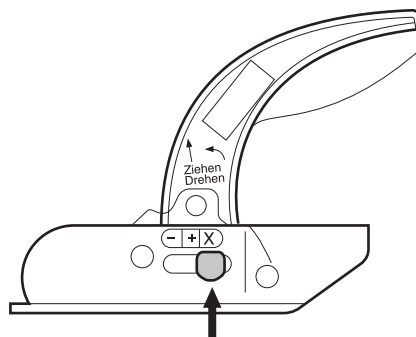
2.3 Operation of ball coupling

KNOTT ball couplings have an indicator that shows whether the coupling is open, correctly closed or worn. Symbols are embossed on the coupling. These symbols are labelled with colours.

Red '-' symbol:	coupling worn or not closed correctly
Green '+' symbol:	coupling closed correctly
Red 'X' symbol:	coupling open

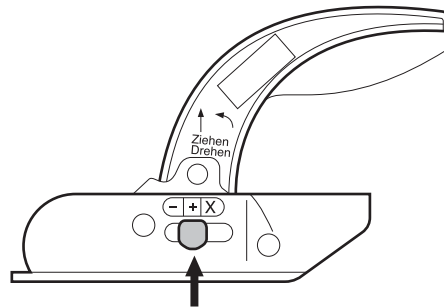
Closing the coupling

1. Check whether the ball coupling is open. If not, open the coupling.
When the coupling is open the indicator points to the red 'X' symbol.
2. Place the ball coupling on the ball of the trailer hitch.



Trailer

3. The ball coupling locks with an audible click and the indicator now points to the green '+' indicator.
4. Check the position of the indicator after connecting the coupling.



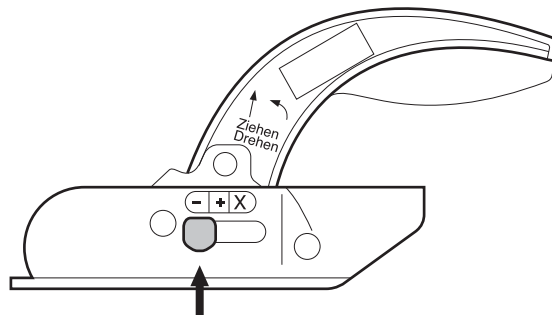
DANGER



If the indicator is in the red 'X' zone, the ball coupler is not closed.

If the indicator is in the red '-' zone, the coupling is not properly closed or the ball of the trailer hitch is too worn.

Both of these situations are dangerous and the trailer must not be towed.

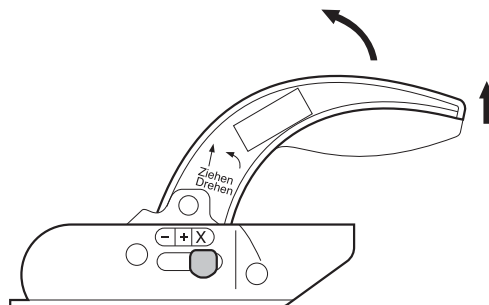


Note

Insufficient lubrication can make it difficult to operate the coupling mechanism. Lubricate the coupling in accordance with the maintenance schedule.

Opening the coupling

1. Make sure the trailer brake is engaged.
2. Pull the release handle upward and tilt it forward.
3. Remove the coupling from the ball.



WARNING



Do not insert fingers into an open ball coupling. Contact with the closure mechanism can trigger the spring-loaded closing mechanism. There is a danger of pinching/crushing.

2.4 Adjustable towbar

The adjustable towbar makes it possible to adjust the height of the coupling.

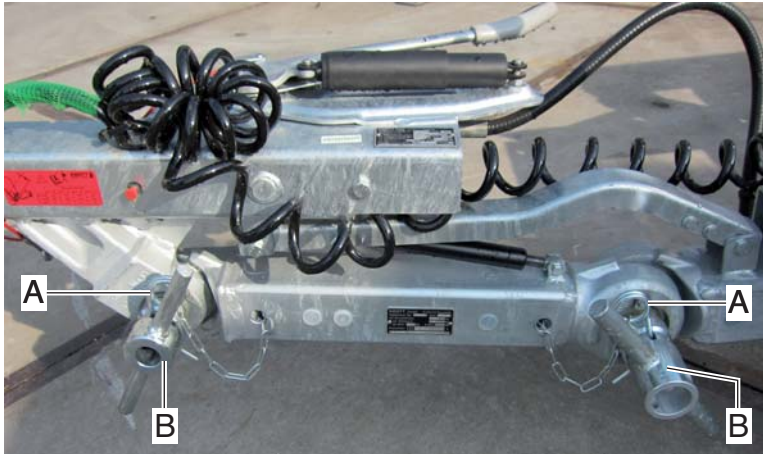
Note

The height adjustment must be made while the trailer is disconnected from the towing vehicle.



Trailer

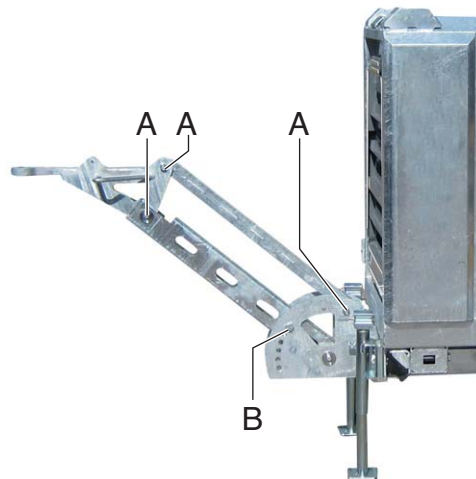
Adjusting towbar with KNOTT coupling



1. Remove the spring clips (A).
2. Unscrew both toggles (B).
3. Position the towbar as required.
4. Screw in both toggles (B). Make sure the holes are aligned so the spring clips (A) can be inserted.
5. Secure the toggles with the spring clips (A).

Adjusting towbar of off-road trailer

1. Loosen the bolts labelled A.
2. Remove bolt B.
3. Position the towbar at the desired height.
4. Fit bolt B.
5. Tighten the bolts labelled A.



2.5 Prop stands

Prop stands are fitted at the rear of the trailer.



WARNING

Make sure the prop stands are properly secured before driving off.

Road version trailers

Prop stands with retaining clamp

1. Loosen the clamping bolt.
2. Lower or raise the prop stand.
3. Secure the clamping bolt.



Prop stand with retaining pin

1. Remove the safety clip.
2. Remove the pin.
3. Lower or raise the prop stand.
4. Fit the pin.
5. Fit the safety clip.



Trailer

Off-road version trailers

Use the crank to extend or retract the prop stands.



2.6 Overrun cable

The road version of the trailer has an overrun cable on the towbar.

The purpose of the overrun cable is to activate the brake system if the coupling detaches while the trailer is being towed.

The free end of the overrun cable must be securely fastened to the towing vehicle.



DANGER

It is not permitted to tow a trailer without having the overrun cable attached to the towing vehicle.

2.7 Jockey wheel

The jockey wheel is attached to the end of the towbar.

The jockey wheel can be extended and retracted with the crank.

Retract the jockey wheel completely before driving off.

Make sure the retracted jockey wheel is aligned in the direction of travel.



2.8 Automatic reverse release

The brake system is equipped with an automatic reverse release feature.

The overrun brake is automatically disengaged when driving in reverse.

2.9 Loading the trailer

Maximum load

The maximum load may not be exceeded. The maximum load is equivalent to the net weight of the trailer plus the load capacity.

Maximum load = net weight + load capacity

Net weight: the weight of the empty trailer, ready for use (i.e. with spare parts and tools that are part of the normal equipment), but without the load.

Load capacity: maximum load (the maximum weight that may be carried)

Note

Do not transport a pump while the pump housing is full. The drip tray must be empty.

Trailer

Weight distribution

For good brake operation and road handling, the centre of gravity must be as low as possible above the axle:

- Position heavy objects as close to the axle as possible.
- Distribute lighter objects as evenly as possible.
- Distribute the load on the trailer as evenly as possible from side to side.
- Avoid concentrating loads one spot.
- The load must always be properly secured. Every country has its own regulations;
- consult the applicable regulations.
- The trailer must always be attached to the towing vehicle during loading and unloading.

Attaching/securing BBA pump unit and/or BBA machine

The BBA pump unit and/or BBA machine must always be anchored securely to the towing vehicle using the bolt connections under the pump unit provided for this purpose.

Maximum load on jockey wheel

The static load bearing capacity of the jockey wheel is 150 kg for the telescopic type and 250 kg for the fold-away type. The maximum load may not be exceeded.



WARNING

The trailer is designed, constructed and tested for the loads specified in the documents accompanying the trailer and on the type plate/manufacturer's data plate attached to the front side of the trailer. Overloading the trailer can result in damage, for which we, the manufacturer, accept no liability.

2.10 Driving with the trailer

Tongue weight

The maximum allowable tongue weight (see the specifications for your trailer hitch or vehicle and the type plate for your trailer) may not be exceeded. You can increase or decrease the tongue weight by shifting the load forward or backward respectively. The optimum tongue weight is close to the maximum tongue weight. Driving with a negative tongue weight (i.e. with the coupling exerting upward force on your trailer hitch) is strictly prohibited.

**DANGER**

Incorrect tongue weight can result in a danger of skidding or fishtailing.

Preparation

1. Disconnect the hoses from the pump.
2. Drain the pump and the drip tray.
3. Secure the doors of the enclosure, if applicable.
4. Check the trailer for loose parts.
5. Adjust the towbar to the correct height, if applicable.
6. If equipped with an adjustable towbar, check whether the toggles are secure each time the trailer is connected.
7. Make sure the tongue weight is within the acceptable range.

Connecting the trailer

1. Position the coupling of the trailer approx. 5 cm higher than the ball on the trailer hitch.
2. Reverse the towing vehicle toward the trailer until the coupling is above the ball.

**DANGER**

For safety reasons, ensure that no one comes between the trailer and the towing vehicle.

Trailer

3. Make sure the brake of the towing vehicle is engaged.
4. Connect the trailer to the towing vehicle.
5. Make sure the coupling is properly engaged.
6. Connect the lighting plug.
7. Connect the overrun cable.
8. Disengage the handbrake.
9. Retract the jockey wheel.
10. Fully retract the prop stands.
11. Remove the tyre chocks, if present.
12. Visually check the tyres to ensure they are properly inflated and undamaged.
13. Secure or remove any loose parts.
14. Check the operation of the lighting.

Driving with the trailer

Make sure the gross weight of the trailer does not exceed the vehicle's towing capacity.

Comply with the traffic regulations.

Adjust your speed to the condition of the road, the traffic situation and bends in the road.



DANGER

Failure to follow the rules for driving with a trailer can lead to dangerous situations and may result in an accident.

Disconnecting the trailer

Place the trailer on a flat, stable surface.

1. Make sure the brake of the towing vehicle is engaged.
2. Place wheel chocks in front of and behind the wheels of the trailer if necessary.

3. Engage the trailer hand brake.
4. Disconnect the lighting plug.
5. Disconnect the overrun cable.
6. Extend the prop stands. If the ground is soft, place blocks beneath the prop stands.
7. Extend the jockey wheel. If the ground is soft, place a block beneath the jockey wheel.
8. Release the coupling.
9. If necessary, extend the jockey wheel until the coupling separates from the ball.

Trailer

3 Maintenance

3.1 Clean page 3.3

3.2 User maintenance page 3.4

3.3 Other maintenance activities page 3.5

Trailer

The maintenance activities can be divided into user maintenance and other maintenance activities.

The user maintenance may be performed by the user, but all other maintenance must be performed by a qualified technician.

3.1 Cleaning

Clean the trailer regularly. Clean the trailer with water after it has been in contact with salt or acids. These substances will damage the galvanised surfaces.

Blemishes on the galvanised surfaces are caused by extended exposure to water. Prevent blemishes by providing good ventilation.

Note

When cleaning with a pressure washer, maintain sufficient distance between the nozzle tip and the surface being cleaned.

Never spray directly toward electrical components such as plugs and lights.

Apply new grease to the coupling after it has been sprayed clean.

3.2 User maintenance

Perform the maintenance in accordance with the following schedule.

Frequency	Maintenance aspect	Activity
after first use	wheel fasteners	check wheel bolts, and re-torque* the wheel bolts after driving no more than 50 km
following the first trip after a wheel has been removed	wheel fasteners	check wheel bolts, and re-torque* the wheel bolts after driving no more than 50 km
monthly	tyres	check tyre pressure, wear and for damage
monthly	hand brake	check operation
monthly	lighting cable and plug	check for damage
monthly	trailer, general condition	check for damage
monthly	overrun cable	check for damage
every 1500 km or 6 months	coupling	add grease via lubrication nipples, oil sliding parts

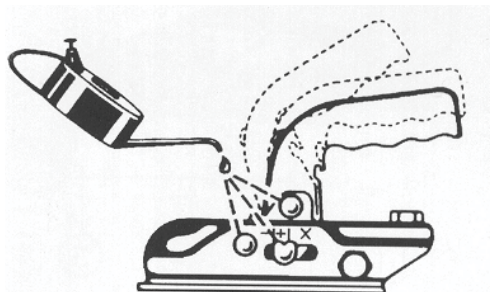
* see 'Torque' table in the 'Specifications' chapter

Have the scheduled maintenance performed by an authorised trailer service garage or dealer.

Additional details concerning maintenance activities

- **Wheel attachment**
After the first drive, check whether the wheel bolts are tightened securely; tighten if necessary. Follow the recommendations in the 'Torque' table, found in the 'Specifications' chapter. Repeat this whenever a wheel has been removed, such as when a tyre is changed (tighten the wheel bolts in a crisscross pattern).

- Ball coupling
Clean and apply grease to all sliding surfaces and bearings on a regular basis.



Add grease via lubrication nipples



- Check plug for dirt, corrosion, damage

3.3 Other maintenance activities

Maintenance instructions

After every 5000 km, or at least once per year, the following aspects of the trailer should be inspected.

- Wheel bearings
- Brakes, friction linings and hand brake
- Coupling
- Suspension
- Axles

Trailer

- Coupling lubrication
- Lighting
- Wheels and tyres
- Towbar (for damage)

For the work instructions and data, see the 'KNOTT' workplace instructions.

Repairs / parts replacement

During the warranty period repairs may only be performed under the direction of BBA Pumps or their dealer.

All replacement parts must meet or exceed the specifications of the original parts.

All parts can be ordered from BBA Pumps or their dealer.

The trailer consists of standard parts (commercially available off-the-shelf) and special parts (manufactured specifically for this trailer).

Standard parts

OEM parts are preferred.

If you are uncertain about the specifications: contact BBA Pumps or their dealer.

Specific parts

Only replacement parts supplied by BBA Pumps or their dealer may be used.



WARNING

Failure to comply with the preceding instructions can have consequences for the safety of the trailer. BBA Pumps and their dealer accept no liability for such situations.

4 Data

4.1 Technical data page 4.3

4.2 Operating conditions..... page 4.5

4.3 Applicable directives and standards page 4.5

Trailer

4.1 Technical data

Tightening torques for wheel bolts

Thread mm	Socket size mm	Max. torque Nm
M 12 x 1.5	17 (19)	80 - 90
M 14 x 1.5	19	110 - 120
M 18 x 1.5	24	270

Optimum tyre pressure

The optimum tyre pressure depends on the type of tyre; you can ask at any service garage. Use original tyres or ask BBA Pumps or their dealer.

Tyre size	Tyre pressure		Max. load
	BAR	PSI	
155/80R10	2.4	35	437
165R13C	4.5	65	710
185/70R13	3	44	600
175R14C	4.5	65	775
185R14C	4.5	65	900
155/70R12C	6.2	94	900
195/50R13C	6.2	94	900
195/50B10	6	87	750
195/55R10	6	90	750
20.5X8.00-10 10 PR	6.2	94	750

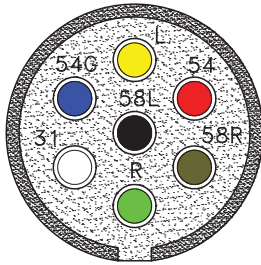
Weight

Net trailer weight for public roads

- version with non-adjustable towbar: 354 kg
- version with adjustable towbar: 490 kg

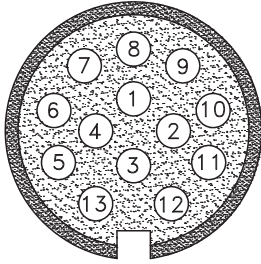
Trailer

Wiring chart 7-pin plug



Label	Colour	Name
L	yellow	Left indicator
54G	blue	Fog light
31	white	Earth
R	green	Right indicator
58R	brown	Right tail light
42	red	Brake lights (left and right)
58L	black	Left tail light

Wiring chart 13-pin plug



Label	Colour	Name
1	yellow	Left indicator
2	blue	Fog light
3	white	Earth (for terminals 1-8)
4	green	Right indicator
5	Bruin	Right tail light
6	red	Brake lights (left and right)
7	black	Left tail light
8	grey	Reversing light
9	brown/blue	Permanent power
10	brown/red	Ignition power (for charging battery)
11	white/red	Earth for terminal 10
12		Unused
13	white/black	Earth (for terminals 9-12)

4.2 Operating conditions

Ambient temperature

when in operation -25 to +40 °C

during transport/storage -25 to +55 °C

Relative humidity (RH) 30% to 95% (non-condensing)

Lighting Normal ambient lighting. There is no lighting installed on the trailer.

Height Up to 1000 m above sea level.

The trailer is not suitable for use in an explosion-hazardous environment.

4.3 Applicable directives and standards

The trailer complies with the provisions of the Netherlands 1994 Road Traffic Act and the required type-approval has been issued by the Netherlands Road Transport Directorate.

The regulations may differ in other countries, so the user should contact the local authority to verify compliance.

Trailer

5 Indications on the trailer

- 5.1 Type/manufacturer's data plates page 5.3
- 5.2 Other indications..... page 5.4
- 5.3 Vehicle data..... page 5.5

Trailer

5.1 Type/manufacturer's data plates

The type plate for the trailer can be found at the front-right corner of the trailer. This type/manufacturer's data plate includes the following information:

Description	Trailer data
Name of manufacturer	see trailer type plate
Type	see trailer type plate
Approval no.	see trailer type plate
Identification no.	see trailer type plate
Max. gross weight	see trailer type plate
Max. weight axle 1	see trailer type plate
Max. weight axle 2	see trailer type plate
Max. tongue weight	see trailer type plate

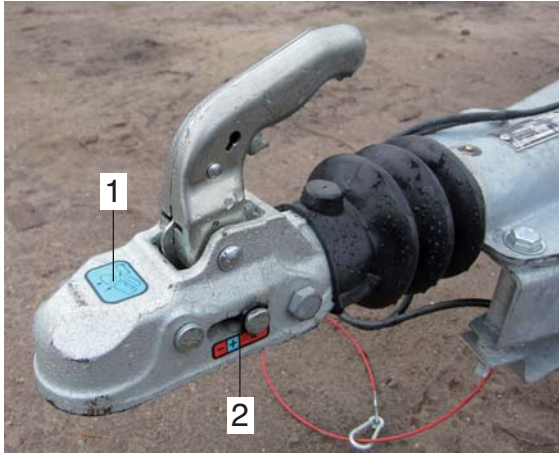


Type plates can also be found on the coupling and on the right side of the towbar for these specific parts. The type plate for the axle is located on the axle housing.

5.2 Other indications

There are two stickers on the towbar:

1. lubrication instructions for the coupling
2. indication of the coupling engagement



5.3 Vehicle data

You can enter the vehicle data in the space provided below.

Vehicle	Identification number: Type: Max. gross weight:
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Axle	Brand: Type: Approval no.:
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Coupling	Brand: Type: Approval no.:
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Overrun brake	Brand: Type: Approval no.:
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Towbar	Brand: Type: Approval no.:
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Wheel brakes	Brand: Type: Approval no.:
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Tyres	Brand: Type: Approval no.:
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Trailer

<p>Pre-delivery service</p> <p>BBA Pumps dealer stamp</p> <p>Date:</p> <p>Signature:</p>	<p>1,000 km service</p> <p>BBA Pumps dealer stamp</p> <p>Date:</p> <p>Signature:</p> <p>At least 6 months after pre-delivery service</p>	<p>5,000 km service</p> <p>BBA Pumps dealer stamp</p> <p>Date:</p> <p>Signature:</p> <p>At least 6 months after previous service</p>
<p>10,000 km service</p> <p>BBA Pumps dealer stamp</p> <p>Date:</p> <p>Signature:</p> <p>At least 6 months after previous service</p>	<p>15,000 km service</p> <p>BBA Pumps dealer stamp</p> <p>Date:</p> <p>Signature:</p> <p>At least 6 months after previous service</p>	<p>20,000 km service</p> <p>BBA Pumps dealer stamp</p> <p>Date:</p> <p>Signature:</p> <p>At least 6 months after previous service</p>
<p>25,000 km service</p> <p>BBA Pumps dealer stamp</p> <p>Date:</p> <p>Signature:</p> <p>At least 6 months after previous service</p>	<p>30,000 km service</p> <p>BBA Pumps dealer stamp</p> <p>Date:</p> <p>Signature:</p> <p>At least 6 months after previous service</p>	<p>35,000 km service</p> <p>BBA Pumps dealer stamp</p> <p>Date:</p> <p>Signature:</p> <p>At least 6 months after previous service</p>

40,000 km service	45,000 km service	50,000 km service
BBA Pumps dealer stamp	BBA Pumps dealer stamp	BBA Pumps dealer stamp
Date:	Date:	Date:
Signature:	Signature:	Signature:
At least 6 months after previous service	At least 6 months after pre-delivery service	At least 6 months after previous service

55,000 km service	60,000 km service	65,000 km service
BBA Pumps dealer stamp	BBA Pumps dealer stamp	BBA Pumps dealer stamp
Date:	Date:	Date:
Signature:	Signature:	Signature:
At least 6 months after previous service	At least 6 months after previous service	At least 6 months after previous service

70,000 km service	75,000 km service	80,000 km service
BBA Pumps dealer stamp	BBA Pumps dealer stamp	BBA Pumps dealer stamp
Date:	Date:	Date:
Signature:	Signature:	Signature:
At least 6 months after previous service	At least 6 months after previous service	At least 6 months after previous service

Trailer

40,000 km service	45,000 km service	50,000 km service
BBA Pumps dealer stamp	BBA Pumps dealer stamp	BBA Pumps dealer stamp
Date:	Date:	Date:
Signature:	Signature:	Signature:
At least 6 months after previous service	At least 6 months after pre-delivery service	At least 6 months after previous service

55,000 km service	60,000 km service	65,000 km service
BBA Pumps dealer stamp	BBA Pumps dealer stamp	BBA Pumps dealer stamp
Date:	Date:	Date:
Signature:	Signature:	Signature:
At least 6 months after previous service	At least 6 months after previous service	At least 6 months after previous service

70,000 km service	75,000 km service	80,000 km service
BBA Pumps dealer stamp	BBA Pumps dealer stamp	BBA Pumps dealer stamp
Date:	Date:	Date:
Signature:	Signature:	Signature:
At least 6 months after previous service	At least 6 months after previous service	At least 6 months after previous service

85,000 km service	90,000 km service	95,000 km service
BBA Pumps dealer stamp	BBA Pumps dealer stamp	BBA Pumps dealer stamp
Date:	Date:	Date:
Signature:	Signature:	Signature:
At least 6 months after previous service	At least 6 months after pre-delivery service	At least 6 months after previous service

100,000 km service	105,000 km service	110,000 km service
BBA Pumps dealer stamp	BBA Pumps dealer stamp	BBA Pumps dealer stamp
Date:	Date:	Date:
Signature:	Signature:	Signature:
At least 6 months after previous service	At least 6 months after previous service	At least 6 months after previous service

115,000 km service	120,000 km service	125,000 km service
BBA Pumps dealer stamp	BBA Pumps dealer stamp	BBA Pumps dealer stamp
Date:	Date:	Date:
Signature:	Signature:	Signature:
At least 6 months after previous service	At least 6 months after previous service	At least 6 months after previous service

Trailer

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