

DK Brugerhåndbog
DE Benutzerhandbuch
EN **User Manual**
ES Manual del usuario
FR Manuel utilisateur
IT Manuale utente
NL Gebruikershandboek

Bremser Aksler Anhængerkomponenter
Bremsen Achsen Anhängerkomponenten
Brakes Axles Trailer Components
Frenos Ejes Componentes del remolque
Freins Essieux Composants de remorques
Freni Assi Componenti per rimorchi
Remmen Assen Aanhanger onderdelen





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DANSK

DEUTSCH

ENGLISH

ESPAÑOL

FRANÇAIS

ITALIANO

NEDERLANDS

1. Target group

This User Manual is intended for the end users of ready assembled trailers with integrated KNOTT trailer components.

2. Warning and general notices

DANGER

Draws your attention to a hazardous situation which will result in serious injury or death if not prevented.

WARNING

Draws your attention to a hazardous situation which can result in serious injury or death if not prevented.

CAUTION

Draws your attention to a hazardous situation which can result in minor to moderately severe injury if not prevented.

NOTICE

Draws your attention to possible material damage or other important information in connection with the machine.

3. Intended application

KNOTT trailer components are assembled by a vehicle manufacturer to produce a complete trailer by the addition of attachments which do not form part of the scope of supply. KNOTT trailer components can be used for single or multiple-axle category O1/O2 trailers. The complete trailer requires a General Operating Permit and a certificate of suitability for use on public roads, and must be in compliance with applicable national regulations.

Liability disclaimer

Any other or further-reaching use than that outlined under the "Intended application" above is deemed not in accordance with the prescribed purpose of the equipment. The manufacturer may not be held liable for resulting damages.

The registered trailer may be coupled to vehicles with the relevant towing approval.

DANGER

Danger of accidents due to impaired travel stability of the trailer!

- ▶ Do not travel with a negative vertical load.
- ▶ Adhere to the admissible static vertical load and admissible total weight of all involved components.
- ▶ Utilize the vertical load within the admissible limits.
- ▶ Do not exceed the admissible static vertical load of the towing vehicle.
- ▶ Notes on loading, see 5.2, page 65.

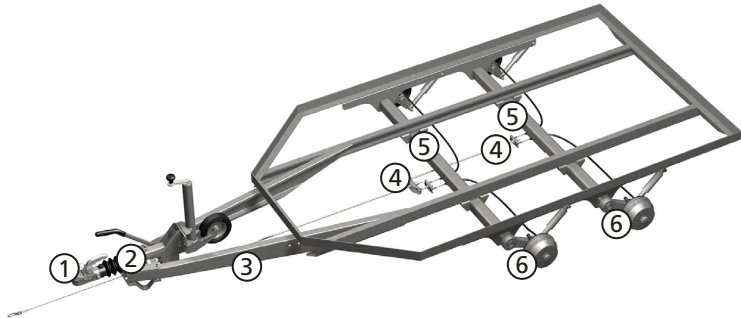
Regular renewal of the General Operating Permit

The trailer is required to pass an official inspection (general inspection) held at regular intervals. For more details, please refer to the applicable national regulations, see als 9.3, page 73.

4. Components

KNOTT chassis comprise the coupling device (ball coupling/towing eyelet), the overrun coupling, the drawbar/towbar, the transmission device, the axles and the wheel brakes.

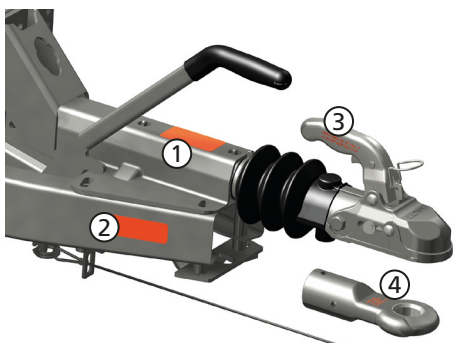
KNOTT chassis can be supplemented with a wide range of accessories.



- ① Coupling device (ball coupling, towing eyelet)
- ② Overrun coupling
- ③ Drawbar/towbar
- ④ Transmission device (linkage, brake compensation balance, bowden cables)
- ⑤ Axles
- ⑥ Wheel brakes

4.1 Rating plates

All information contained on the rating plate or optionally on the component is embossed or needle printed.



① Overrun coupling with coupling device

KNOTT GmbH		D-83126 Eggenfeld	
Ausfuhrungsrichtung Typ:	KF27	Ausf.:	B
EG-Protokoll-Nr.:	361-041-82		
EGE-Protokoll-Nr.:	110046-00		
mit Zugablenkung Typ:	KF27Z	Ausf.:	A1 / -
zul. Gesamtmasse	1400	kg	2700
zul. Stützlast S	150	kg	250
Genehmigungszt.:	e1	00-0157	55R-012083
			Klasse: E

② Towbar (right-hand towbar)

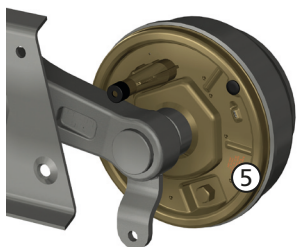
KNOTT GmbH		D-83126 Eggenfeld	
Zugablenk Typ:	ZH27	Ausf.:	C
zul. Gesamtmasse	3000		
Genehmigungszt.:	e1	00-0300	55R-010300
zul. Stützlast S	150	kg	300
			kg

③ Ball coupling (information on handle or housing)

KNOTT GmbH	
Typ: K27 Ausf. A	
e1	00-0507 B50X
D/ Dc	25 kN S 150 kg

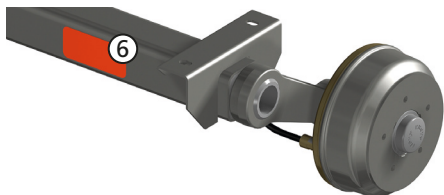
④ Towing eyelet

KNOTT GmbH	
Typ: 26 0086 09	
e1	00-0680 S
Dc	30,95 kN S 150 kg
D/Dc	31 kN S 350 kg



⑤ Wheel brake

KNOTT GmbH
 Typ: 20-2425/1
 EG-Prüf-Nr.: 361-311-83
 Gutacht.Nr. Mchn 83/224
 bis 25 km/h : 1360 kg
 über 25 km/h : 750 kg / 800 kg



⑥ Axle

KNOTT GmbH Bremsen Achsen D-83125 Eggstätt
 Typ VGB13M-27222
 AB-Nr.:
 Achslast 1350 kg über 25 km/h

4.2 Coupling devices

4.2.1 Ball coupling

Functional characteristics

The ball coupling connects the trailer to the towing vehicle.

Models

Series K



- ① Locking and wear display
- ② Handle
- ③ Unlocking the handle

Series AV



- ④ Protective cover
- ⑤ Lock (theft protector)
- ⑥ Spherical cap (ball hitch)

Admissible pivot ranges

Pivot range around the vehicle's longitudinal axis (roll axis)	max. ±25°
Pivot range in the horizontal direction (pitch axis)	max. ±20°
Pivot range around the vertical axis	max. ± 90°

NOTICE

Danger of overloading components and malfunctions!

- The admissible pivot ranges must not be exceeded.
- The admissible static vertical load and the admissible overall weight must not be exceeded.

Theft protector

The theft protector effectively prevents the ball coupling being opened or unauthorized coupling and uncoupling of the trailer.

CAUTION

Danger of crushing fingers due to the spring-loaded closing mechanism of the spherical cap!

- ▶ Never reach your fingers into the spherical cap of the ball coupling from below.

4.2.2 Towing eyelet

Functional characteristics

The towing eyelet connects the trailer to the towing vehicle.

Models



DIN towing eyelet



French towing eyelet



NATO towing eyelet

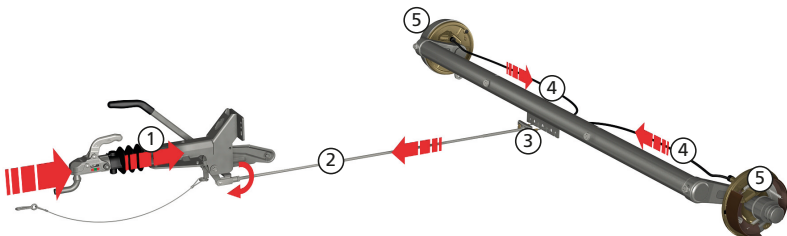
NOTICE

Danger of overloading components and malfunctions!

- The admissible static vertical load and the admissible overall weight must not be exceeded.

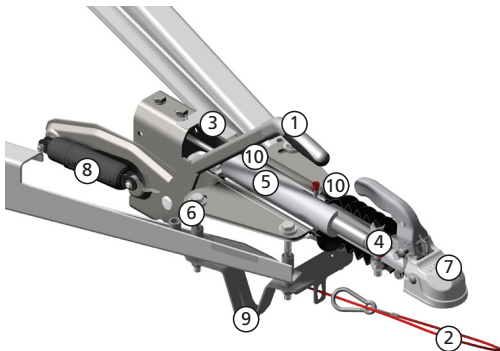
4.3 Overrun couplings

Functional characteristics



Braking the towing vehicle causes a deceleration force to be exerted on the drawbar. This force pushes in the **drawbar** ① of the overrun coupling. This necessitates overcoming a response threshold in the shock absorber. During this process, the transmission lever is actuated by the drawbar. The **wheel brakes** ⑤ are actuated via the **transmission linkage** ②, the **brake compensation balance** ③ and the **bowden cables** ④.

Overrun coupling components



- ① Handbrake lever
- ② Breakaway cable
- ③ Housing
- ④ Linkage
- ⑤ Shock absorber (internal)
- ⑥ Transmission lever
- ⑦ Coupling device (ball coupling or towing eyelet)
- ⑧ Damped spring accumulator
- ⑨ Support leg
- ⑩ Guide bearing with greasing nipple

Handbrake (parking brake)

The handbrake permits a secure hold when parked.

Models with automatic reverse

With the handbrake lever actuated, the braking force is maintained by the spring accumulator. The spring forces tension the brake shoe via the brake linkage and the bowden cables and so prevent them from being released. This prevents the wheel brakes from being released if the automatic reverse should release slightly.

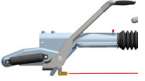
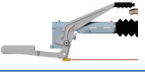
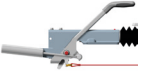
Breakaway cable and support leg

The breakaway cable activates the parking brake in the event that the trailer becomes unintentionally detached from the towing vehicle. The support leg prevents the handbrake lever from touching the ground in the event that the trailer is unintentionally lost. This prevents accidental release of the brake.

Series and typical applications

Series	Application
KF and KFG	Mounting on towbars (V drawbar) <ul style="list-style-type: none"> • KF in sheet metal version up to 3000 kg • KFG as cast version up to 3500 kg
KR/KV	Tubular version up to 3500 kg
KRV	Mounting on a tubular drawbar (as part of the vehicle frame)
KFGL (previously: KFZ)	Application in fifth-wheel trailers on the forked drawbar „KLZ“

Versions of the handbrake lever

	Abbreviation	Property	For series
	GF (GFH, GFV)	Handbrake with damped spring accumulator	All
	HF	Handbrake with toothed segment and spring accumulator	KF, KFG
	KH	Handbrake with spring accumulator	All

4.4 Jockey wheel

Functional characteristics

The jockey wheel is used for supporting and manhandling the trailer after disconnection from the towing vehicle.

NOTICE

Danger of material damage! Do not manhandle the trailer over long distances or drive over any obstacles (such as kerbstones).

Simple jockey wheels are fastened by means of a clamp to the drawbar. The clamp can also be used to fix the height of the jockey wheel. Automatic jockey wheels are hinged downwards when the trailer is hitched to the towing vehicle to allow the jockey wheel to be subsequently cranked downwards and the trailer lifted off the coupling ball. As a safeguard to prevent jockey wheels from working loose, the lower end of the outer pipe is fitted either with a chamfer or two notches into which the inner pipe engages, preventing it from turning.

Models

TK



Standard jockey wheel (adjustment by means of clamp and spindle drive)

ATK

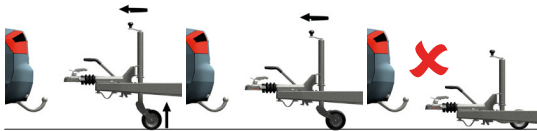


Automatic jockey wheel (rough adjustment using the flap mechanism and spindle drive)

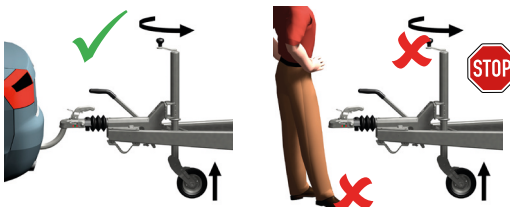
WARNING

Danger of injury caused by dropping drawbar!

If the automatic jockey wheel is lowered too far, the flap mechanism can be triggered, causing the drawbar to drop.



► Only crank up the jockey wheel when coupled to the towing vehicle!



4.5 Drawbar/Towbar

Functional characteristics

The drawbar is a power-transmitting component which links the overrun coupling to the frame of the trailer. If a height-adjustable drawbar is used, the coupling height of the trailer can be adjusted to that of the towing vehicle.

WARNING

Danger of accidents!

No structural changes may be carried out at drawbars/towbars. Drilling work or welding of any kind is prohibited.

Models



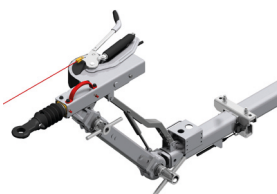
V drawbar (towbar)



Height-adjustable drawbar

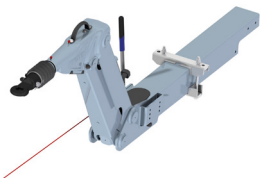
Height-adjustable drawbars

Model KHV/KHA:



The angle between the drawbar and the adapter can be adjusted from -10° to $+49^\circ$. The face splines are connected by means of a threaded bolt and a lock nut. A lifting and adjusting device can be optionally integrated between the drawbar and the overrun coupling. An integrated gas spring generates an independent lifting force which substantially reduces the degree of force needed for actuation.

Model KHD:



The angle between the drawbar and the adapter can be adjusted from -10° to $+60^\circ$. The adjustable articulated connection between the drawbar and adapter and between the overrun coupling and adapter is formed using a bolt bearing. The position is fixed by a diagonally positioned strut or spindle. The bolt at the spindle which drives the worm must be secured against working loose using a spring clip or splint. The spring clip or splint is connected to the drawing tube by a chain.

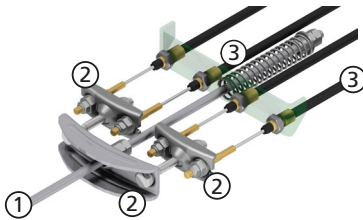
4.6 Transmission devices

Functional characteristics

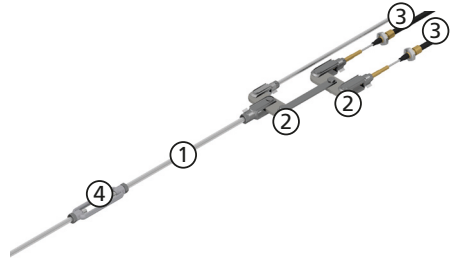
The linkage and bowden cables transmit the tensile forces for braking from the overrun coupling to the wheel brake. The brake compensation balances are required to compensate for different clearances in the wheel brakes and to ensure that the same forces are transmitted to all wheel brakes.

When using a height-adjustable drawbar, the actuating path from the overrun coupling is transmitted to the wheel brakes via a bowden cable and linkage.

Standard model

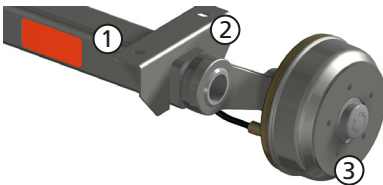


Optional model



- ① Linkage
- ② Compensation balances (3x)
- ③ Bowden cables to the wheel brake
- ④ Turnbuckle

4.7 Axles



- ① Axle tube
- ② Support trestle / flange plate
- ③ Brake stub axle with wheel connection

Functional characteristics

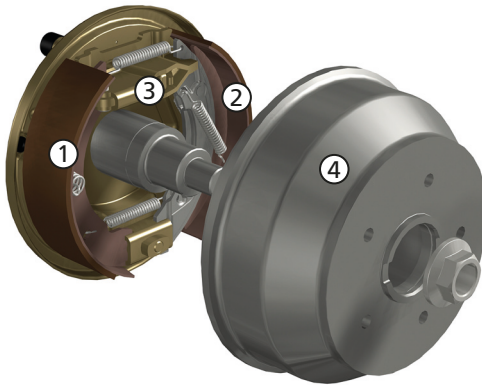
The axle transmits the suspended weight of the trailer to the wheels, absorbing all occurring forces.

Models

Unbraked axles	Admissible axle load up to max. 750 kg
Braked axles	Admissible axle load up to max. 3500 kg

Series	Description
VG / VGB	Rubber spring axle
GB	Translational torsional suspension axle
DB	Torsion bar spring axle

4.8 Wheel brakes



- ① Simplex brake shoe with lining
- ② Backmat brake shoe with lining (with automatic reverse)
- ③ Expanding lock
- ④ Brake drum

Functional characteristics

Mechanical wheel brake

The expanding lock of the mechanical wheel brake is actuated via the transmission device. This causes the brake shoes to be pressed from the inside against the drum. The trailer is braked.

Hydraulic wheel brake

The wheel brake cylinder of the hydraulic wheel brake is actuated using the hydraulic system. This causes the brake shoes to be pressed from the inside against the drum. The trailer is braked. In the hydraulic wheel brake, actuation of the parking brake takes place mechanically by means of the bowden cable.

Automatic reverse (Backmat)

The automatic reverse permits reverse travel without manually applying a block. During reverse travel, a certain residual braking moment has to be overcome.

Automatic adjustment for brakes with automatic reverse

Automatic adjustment compensates for lining wear and so ensures an optimized effect in the long term. Well adjusted brakes enhance ride comfort and also reduce braking distances.

5. Safety

5.1 General remarks

The brake system, the overrun coupling and transmission device, as well as the wheel brakes and the coupling device must be tested in accordance with the relevant EC/ECE directives.

KNOTT ensures that the trailer components are correctly coordinated. They may only be used in the approved combination.

5.2 General safety remarks

DANGER

Danger of injury in case of failure to observe the following remarks!

- ▶ Adjust your speed to the current driving and road conditions.
- ▶ Adjust your driving speed in accordance with the condition of the road surface and the cargo or loading condition of the trailer, especially when cornering.
- ▶ When parking the trailer, ensure that you have left sufficient clearance. Until the full braking force is applied, the trailer can roll back by 20 to 30 cm.
- ▶ When parking the trailer, secure against rolling using chocks.
In trailers with overrun brakes: Apply the trailer's handbrake.

For secure loading of the trailer, the following remarks must be observed:

- ▶ Observe the instructions of the trailer manufacturer.
- ▶ Never overload the trailer (avoid overloading the trailer components).
- ▶ Ensure that the trailer is correctly loaded (avoid extreme shifts in the centre of balance caused by incorrect loading).
- ▶ Stow heavy objects close to the axles as low down as possible.
- ▶ Secure the load against falling or being slung out of the trailer.

To ensure personal safety and prevention of injury, observe the following remarks:

- ▶ Trailers may not be used to transport people.
- ▶ During manhandling operations, when hitching and unhitching, never step between the trailer and a fixed standing obstacle.

6. Commissioning

WARNING

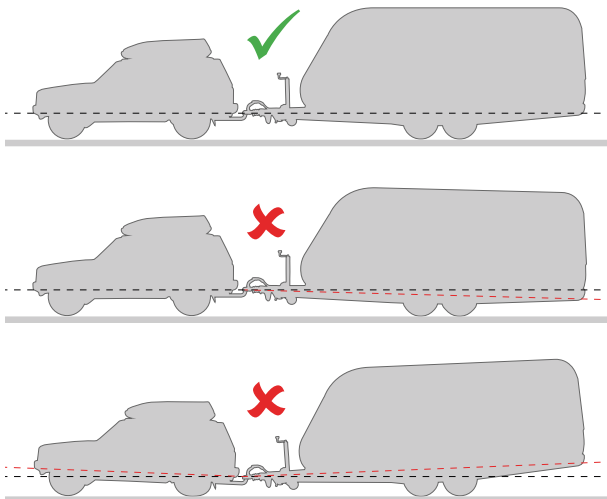
Danger of accidents due to faulty or unprofessional work performed at the trailer! Repairs, setting and conversion work may only be performed by an authorized professional workshop in accordance with the KNOTT maintenance manual.

6.1 Ball coupling

Checking the position of the ball coupling

The coupling heights of the towing vehicle and the trailer must coincide:

1. Set the tyre pressure of the trailer to the pressure recommended by the tyre manufacturer.
2. Load the trailer to its maximum admissible overall weight.
3. Hitch up the trailer, see *Hitching up*, page 69



On a level surface without any incline, the coupling heights of the towing vehicle and the trailer must coincide to ensure the optimum driving and braking performance of the trailer.

Lock (theft protector)

Note the key number (for ordering spares if required).

6.2 Overrun couplings

Design of the handbrake lever KH



! DANGER

Danger of injury due to sudden actuation of the brake lever as a result of a pre-tensioned spring!

- The handbrake lever model "KH" is under tension in the released position. Do not remove the red lock screw M10 until the overrun coupling and brake linkage are mounted in the trailer and the complete brake system is adjusted. Before removing the overrun coupling and carrying out any maintenance or repair work or dismantling the brake system, always screw the lock screw back in without fail.

Requirement

- The overrun coupling and brake linkage are mounted in the trailer.
- The complete brake system is correctly adjusted.

Commissioning the overrun coupling

Remove the red lock screw M10 and keep in a safe place.

6.3 Height adjustable drawbar

WARNING

Danger of accidents!

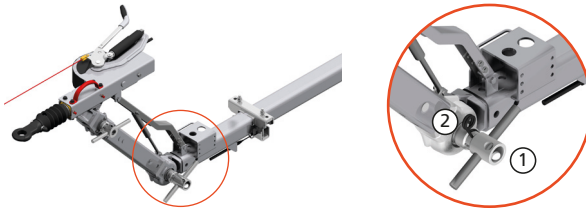
The overrun coupling / coupling device must always be aligned parallel to the drawbar. It is not admissible to drive if the drawbar is not parallel to the overrun coupling.

Setting the height of the drawbar

The clamp nut must be tightened to a prescribed tightening torque in order to ensure a backlash-free torque-transmitting connection:

- 200 Nm with M16 bolt
- 350 Nm with M20 bolt
- 550 Nm with M28 bolt
- 850 Nm with M36 bolt

Model KHV/KHA



- ① Clamp nuts
- ② Spring clips

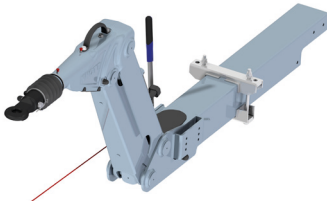
1. Pull off the spring clips at the clamp nuts.

NOTICE

Secure the front section against falling out.

2. Unscrew the clamp nuts of the adapters until the teeth are free.
3. Adjust the angular position of the adapter in such a way that the coupling height is reached.
4. To clamp together, tighten the clamp nuts at the face spline.
5. Plug in the spring clips at the clamping nuts in order to secure the nuts against working loose.

Model KHD



1. Pull off the spring clip at the adjusting crank
2. Set the drawbar to the right height using the crank
3. Secure the adjusting crank again with the spring clip.

NOTICE

Danger of overloading

Only actuate the adjusting mechanism when the trailer is uncoupled from the towing vehicle.

NOTICE

Do NOT use the height adjusting mechanism to tilt the loading surface!

6.4 Recommissioning the trailer

Checks after a long period out of use

- Check the general condition
- Check the tyre tread
- Check the air pressure
- Check that the lighting system is in good working order

Ball coupling

Grease all moving parts of the ball coupling - apart from the spherical cap - with standard commercially available machine grease.

7. Operation

7.1 Checks before every use

Before every trip, inspect:

- Tyres: Check the tyre tread and air pressure
- Lighting system: Check for correct function
- Raise the jockey wheel as far as possible and lock. Secure against being lost or working loose. If applicable secure the crank with the spring clip against working loose. The jockey wheel should always be positioned parallel to the direction of travel.
- Lock the ball coupling securely into place
- Suspend the breakaway cable
- Release the parking brake
- Height adjustable coupling device: Check joints for a firm fit, ensure that bolts are securely locked

7.2 Hitching up

1. Open the coupling and place on the coupling ball of the towing vehicle.
2. **For trailers with automatic jockey wheel:** Crank up the jockey wheel. Place the ball coupling over the coupling ball of the towing vehicle. Crank down the jockey wheel until the ball coupling audibly clicks into place.
3. Check the position of the safety display: The pointer must be in the green zone with "+".
WARNING If the pointer is in the red zone with "-", then the coupling has not closed correctly and the trailer must not be driven. The coupling is lying loosely on the ball and could jump apart when pulling away. To ascertain the cause, see *Troubleshooting, page 79*.

4. Test for a correctly engaged ball coupling with a tension test (lifting the coupling).
5. **For trailers with overrun brakes:** Suspend the breakaway cable at the ball neck or on an eyelet on the towing vehicle.

WARNING Danger of injury if the trailer breaks away from the towing vehicle for any reason. Suspend the breakaway cable before every journey.

NOTE

When using a detachable towing fixture on the vehicle, suspend the breakaway cable on the rigid section of the towing fixture. Clip into the eyelet or loop around the bracket and clip in the cable. Ensure that sufficient cable length is left to allow for cornering.

6. Insert the electric plug into the socket of the towing vehicle.
7. **For trailers with jockey wheel:** Completely raise the jockey wheel, tighten the clamp. The breakaway cable must not wind around the jockey wheel.

With automatic jockey wheels: Completely crank up the jockey wheel. While doing so, insert the inner pipe into the twist lock of the outer pipe and tighten. The jockey wheel should always be positioned parallel to the direction of travel.

WARNING Danger of accidents due to unwanted floor contact of the jockey wheel if not completely raised and secured during travel. Before setting off, always ensure that the jockey wheel is secured against being lost or working loose. To do this, crank the jockey wheel completely up and tighten the clamping device.

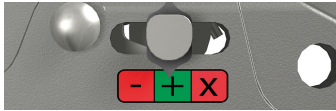
8. Remove any chocks from under the wheels.
9. **In the case of trailers with overrun brake:** Release the trailer handbrake.

⚠ DANGER

Danger of injury and material damage due to incorrectly coupled trailer!

- ▶ After hitching up, always check at the safety display that the coupling is seated correctly on the coupling ball.
- ▶ If the coupling is not correctly closed, the trailer must not be driven.

Safety display



Marking	Coupling position	Handle position	Meaning
	Coupling is open	Handle is pulled up	WARNING The vehicle/trailer combination must NOT be driven.
	Coupling is closed	Handle is in starting position	The vehicle/trailer combination may be driven.
	Faulty condition	Handle is in starting position	WARNING The vehicle/trailer combination must NOT be driven. <i>For causes, see Troubleshooting, page 79.</i>

📌 NOTICE

The safety display is additionally embossed under the label.

If the label is damaged, the safety display can still be read.

If the label is replaced, the separating lines on the label and embossing must coincide.

7.3 Unhitching

1. **WARNING** Danger of injury caused by uncontrolled rolling of the trailer!
Secure the trailer against rolling away using chocks.
 2. *In trailers with overrun brakes:* Tighten the handbrake.
 3. Unlock the coupling handle and pull it upwards.
 4. *In trailers with jockey wheel:* Crank down the jockey wheel with the coupling handle in the raised position.
- WARNING** Danger of injury due to tilting trailer! Unhitch trailers with jockey wheel only when the jockey wheel is cranked down.
5. Disconnect the electric plug from the socket of the towing vehicle and insert in the retainer.
 6. *In trailers with overrun brakes:* Release the breakaway cable from the towing vehicle and wind around the coupling.
 7. *Unhitch the trailer:* Lift the ball coupling off the towing fixture.
In trailers with jockey wheel: Crank down the jockey wheel until the ball coupling is located over the towing fixture.

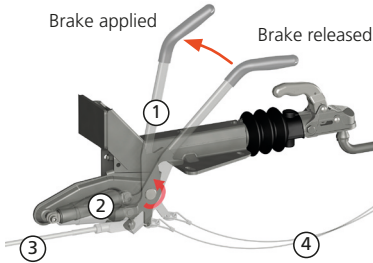
7.4 Brakes

Service brake

When using braked trailers, when the towing vehicle brakes the trailer is automatically braked at the same time by the overrun coupling.

Handbrake (parking brake)

Model GF



- ① Handbrake lever I
- ② Damped spring accumulator
- ③ Transmission device (brake linkage)
- ④ Breakaway cable

Applying the handbrake

Model GF, GFH, GFV and KH

Pull the handbrake lever over the dead centre. The spring accumulator ensures sufficient tensile stress of the wheel brakes.

Model HF

Pull the handbrake lever until the last ratchet. This is necessary to ensure sufficient travel reserve in the spring accumulator to bridge the automatic reverse.

WARNING

Danger of injury!

If the automatic reverse releases slightly, the spring accumulator automatically tensions the handbrake lever.

- ▶ Never reach into the pivot range.

Releasing the handbrake

WARNING

Danger of injury caused by uncontrolled rolling of the trailer!

- ▶ Before the handbrake is released, secure the trailer against rolling away using chocks.

Model GF, GFH, GFV and KH

Push the handbrake lever down.

Model HF

Press down the release button at the handbrake lever and press the handbrake lever downwards.

7.5 Theft protection



Requirement:

The ball coupling must be closed. To do this:

- Hitch the ball coupling to the towing vehicle or
- when unhitched, insert coupling ball KSB 50 (or ball with \varnothing 50 mm).

Locking the ball coupling

1. Insert the key in the lock.
2. Push the key with lock downwards and turn counter clockwise by 90°.
3. Pull out the key.

Open the ball coupling

1. Insert the key in the lock.
2. Turn the key with lock by 90° in the clockwise direction and allow the lock to click into place at the top.

7.6 Travel

7.6.1 Basic rules for safe towing operation.

- Adjust your driving speed in accordance with the condition of the road surface and the cargo or loading condition of the trailer, especially when cornering.
- Drive as smoothly as possible.
- Never overload the trailer (avoid overloading the trailer components).
- Ensure that the trailer is correctly loaded (avoid extreme shifts in the centre of balance caused by incorrect loading).
- Stow heavy objects close to the axles as low down as possible.
- Avoid stress due to impacts or bumps.
- Utilize but at the same time do not exceed the maximum admissible static vertical load of all involved components.

7.7 Speed limit 100 (applies only to Germany)

Under certain conditions, a trailer can be approved for speeds of 100 km/h. In this case, a sign is issued which must be applied on the back of the trailer.

8. Decommissioning/Withdrawal from service

Decommissioning or temporarily withdrawing the trailer from service:

1. Secure the trailer against rolling away using chocks.
2. Release the handbrake.

9. Inspection

To maintain operating and traffic safety, the trailer must be inspected at the following intervals. If used only rarely, the inspections must be carried out at least once a year.

WARNING

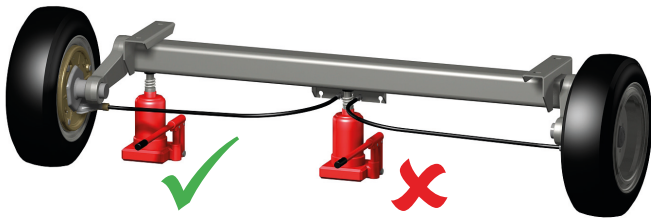
Danger of accidents due to faulty or unprofessional work performed at the trailer! Repairs, setting and conversion work may only be performed by a specialist workshop in accordance with the KNOTT maintenance manual.

Only KNOTT original parts may be used to ensure that

- functional characteristics and safety are guaranteed.
- warranty and guarantee claims do not lose their validity.
- the operating permit remains valid in accordance with national and international regulations.

NOTICE

Jacks may only be positioned under support trestles or at the vehicle frame.



9.1 Initial inspection

9.1.1 Wheel nuts

After the first 50 km or 50 km after a wheel change, the wheel nuts must be checked using a torque spanner to ensure that they comply with the prescribed tensioning torque.

The tightening torque specifications of the rim manufacturer are applicable.

In the absence of any other specifications, this recommendation is applicable:

Wheel nut	Size across flats	Tightening torque
M12x1,5	19 (17)	80-90 Nm
M14x1,5	19	110-120 Nm

Wheel change

Tighten wheel nuts diagonally

⚠ DANGER

Danger of accidents!

Wheel nuts can work loose.

- ▶ Only use wheel nuts which are approved by the rim manufacturer.

9.2 Regular inspection every 5000 km

9.2.1 Ball coupling

Check for signs of wear on the coupling ball and ball coupling

1. Hitch the trailer to the towing vehicle.
2. Read the wear condition at the safety display

Marking	Wear condition
+	Wear condition OK
-	Coupling ball or ball coupling are worn

Lubricating moving components

1. Unhitch the trailer from the towing vehicle
2. Lubricate all moving parts of the ball coupling - apart from the spherical cap - with standard customary machine grease.

When using a stabilization coupling: Do not lubricate either the ball or the spherical cap

Check the diameter of the coupling ball at the towing vehicle

Exchange the towing fixture if

1. the diameter of the coupling ball is less than 49.5 mm or
2. the coupling ball is out of round.

9.2.2 Overrun coupling

Lubrication

1. Relubricate the overrun coupling at both lubricating nipples.
2. Lightly oil all moving parts such as bolts and articulated points of the handbrake lever and the reversing lever.

Readjusting

1. Apply the handbrake.
2. Push the drawbar in over the ball coupling. If the drawbar can be pushed in by more than 45 to 50 mm, have the brake system readjusted by an approved professional workshop.

Checking the function of the overrun damper

1. Unhitch the trailer.
2. Apply the handbrake.
3. Push back the trailer until the handbrake lever is in the end position.
4. Then push the drawbar into the overrun coupling over the ball coupling. The drawbar must return automatically to the zero position. If the return travel takes longer than around 30 seconds, the overrun coupling must be checked in an approved professional workshop.

Checking the spring accumulator at the handbrake lever

1. Carry out a visual inspection for damage (KH and GF) and leaks at the oil damper (GF).
2. Check the handbrake lever for easy running.

9.2.3 Jockey wheel and cable winch

Checking the condition and correct working order

1. Check that the jockey wheel is in correct working order: Check that the crank runs easily and lubricate if necessary.
2. Check that the winch is in correct working order: Check the cable / tape for damage. Exchange if necessary.

9.2.4 Drawbars, side bars and cross bars

Check condition

1. Check for cracks and signs of damage. Exchange damaged / deformed side bars and towbars. Do not attempt to straighten out and reuse.
2. Tighten all screw joints.

Observe specified tightening torques:

- 45 Nm with screw M 10 (8.8)
- 77 Nm with screw M 12 (8.8)
- 115 Nm with screw M 12 (10.9)
- 125 Nm with screw M 14 (8.8)
- 180 Nm with screw M 14 (10.9)
- 190 Nm with screw M 16 (8.8)
- 280 Nm with screw M 16 (10.9)

Height adjustable drawbar

Clean the height adjusting device and lubricate

1. Pull the spring clips out of the clamp nuts.
2. Unscrew the clamp nuts at the face spline until the teeth are free.
3. Clean the tooth system of dirt and fretting rust using a steel brush.
4. Lubricate threaded bolts and articulated joints.

NOTICE

Do not lubricate the tooth system.

5. Tighten the clamp nuts and insert the spring clips. Observe tightening torque levels: see 6.3, *Height adjustable drawbar*, page 67.

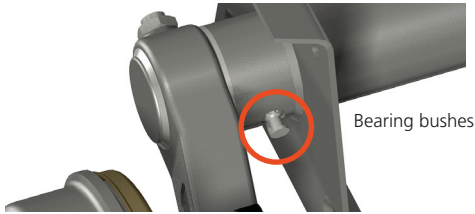
9.2.5 Transmission device

1. Check that bowden cables and linkage are running easily.
2. Have any stiff running bowden cables replaced by an approved professional workshop.

9.2.6 Axles

Lubrication

Series	Description	Maintenance
VG / VGB	Rubber spring axle	Maintenance free
GB	Translational torsional suspension axle	
DB	Torsion bar spring axle	Grease at all lubricating nipples.



9.2.7 Wheel brake

Checking the thickness of the brake lining

Brake linings are wearing parts and must be checked at every inspection.

Viewing hole



At every brake

1. Remove the dust cap from the viewing hole on the back of the wheel brake.
2. Check the thickness of the brake lining through the viewing hole: With a minimum lining thickness of 1 mm, have the brake shoe replaced by an approved professional workshop.

NOTICE

Even if one lining is just 1 mm below specified thickness, all brake linings of an axle must be exchanged. In this case, we recommend changing all brake shoes on all axles.

3. Replace the dust caps.

Readjusting the wheel brake

Not required in the case of wheel brakes with automatic adjuster. These are identified by the words "auto adjust" on the dust caps.

Have wheel brakes adjusted by an approved professional workshop.

WARNING

Danger of accidents!

After a brake shoe change, it takes a while for the full braking effect to be reached.

- For the first 100 km, drive with particular care.

9.2.8 Wheel bearings

Checking lateral bearing play

1. Jack up the trailer.
2. Check lateral bearing play. If there is noticeable play, have the trailer checked by an approved professional workshop.

9.2.9 Wheels and tyres

1. Check for signs of ageing, such as cracks and other damage.
2. Test tyre pressure and minimum tread depth in accordance with statutory regulations.
3. Exchange damaged tyres and tyres with a tread below the required minimum.

WARNING

Danger of accidents!

- ▶ Following a wheel change, tighten the wheel nuts after around 50 km.

9.2.10 Electrical system

Function testing

1. Connect the plug of the trailer to the socket on the towing vehicle.
2. Check the lighting system functions and replace any defective bulbs.

Check for damage

1. Check plug and cable for damage
2. Check the cable fastenings. Cables must not hang down.
3. Check the lighting system housing/lens for damage.
4. Have damaged plugs, cables and lamp housings replaced by an approved professional workshop.

If the lighting system does not work even though the lamps are in order and following a visual inspection, have the electrical system checked by an approved professional workshop.

9.3 Recurring general inspection of the trailer

In accordance with EC law, every vehicle must be cyclically checked for road traffic safety. Observe the legal road safety regulations applicable in your country.

In accordance with the legal requirements, the trailer must be presented for a general inspection to an approved test centre.

9.4 Proof of servicing

Initial inspection

Date:

Stamp:

Inspection every 5000 km
or yearly

Date:

Stamp:

Inspection every 5000 km
or yearly

Date:

Stamp:

Inspection every 5000 km
or yearly

Date:

Stamp:

Inspection every 5000 km
or yearly

Date:

Stamp:

Inspection every 5000 km
or yearly

Date:

Stamp:

10. Troubleshooting

Faults and their remedy

Fault	Cause	Remedy
Insufficient braking effect	Excessive backlash in the brake system	Only by an approved professional workshop
	Brake linings not run in	Carry out around 10 repeated braking processes from medium speed (50 - 60 km/h)
	Brake lining glazed over, oily or damaged	Only by an approved professional workshop
	Overrun coupling is stiff running	Lubricate overrun coupling see 9.2.2, page 74
	Brake linkage jamming or bent	
Jerky braking action	Brake bowden cable corroded or bent	
	Excessive backlash in the brake system	
	Overrun coupling shock absorber defective	
Trailer brakes unevenly on one side	Backmat brake shoes jamming in the brake shoe holder	
	Wheel brakes are working on one side only	
Trailer brakes as soon as the accelerator is released	Overrun coupling shock absorber defective	Only by an approved professional workshop
Reverse travel is heavy going or not possible	Brake system adjusted too tightly	
	Bowden cables pre-tensioned	
	Backmat brake shoes jamming in the brake shoe holder	
Insufficient handbrake action	Incorrect setting	
	Handbrake lever not tightened firmly enough	Tighten handbrake lever as far as possible
Wheel brakes running hot	Incorrect brake system setting	
	Wheel brakes soiled	
	Reversing lever of the overrun coupling is jamming	Only by an approved professional workshop
	Spring accumulator is already pretensioned in zero position	
	Handbrake lever was released only partially or not at all	Set the handbrake lever to the zero position
Ball coupling does not lock into place after lowering on the ball	Internal components soiled	Clean the ball coupling and lubricate, see 9.2.1, page 74
	Ball on the towing vehicle does not fit	Check the diameter of the ball on the towing vehicle, see 9.2.1, page 74

11. Servicing addresses

DK Serviceadresser

Rød markering: Forretningssteder Knott GmbH
Blå markering: Knott Partner

DE Serviceadressen

Rote Kennzeichnung: Niederlassungen der Knott GmbH
Blaue Kennzeichnung: Knott Partner

GB Servicing addresses

Red marking: Branches of Knott GmbH
Blue marking: Knott Partners

ES Direcciones de servicio

Marcadas en rojo: Filiales de Knott GmbH
Marcadas en azul: Socios de Knott

FR Adresses de service après-vente

Marquage rouge : Filiales de la société Knott GmbH
Marquage bleu : Partenaires Knott

IT Indirizzi dei centri di assistenza

Contrassegno rosso: Filiali della Knott GmbH
Contrassegno blu: Partner Knott

NL Service adressen

Rode markering: Vestigingen van Knott GmbH
Blauw markering: Knott partners



DE Deutschland

01324	Dresden, Bautzner Landstraße 142	John	0351/4606420
01920	Elstra/ Rauschwitz, Bischofswerdaer Landstr. 3	Caravan & Reisemobile	035793/5368
06188	Brachstedt, Dorfstraße 1	Fahrzeugbau Beyer	034604/20323
06188	Niemberg, Schwanzer Straße	ARLT Fahrzeugservice	034604/34514
06886	Wittenberg, Nußbaumweg 07 - 09	Anhänger- Center Wittenberg	03491/668230
07407	Rudolstadt, Fr.-Adolf-Richter-Str. 7	Böhme & Eska	03672/431206
08115	Lichtentanne / OT Schönfels, Neumarker Straße 2	Caravan Spitzner	037600/2584
08280	Aue, Schwarzenberger Straße 112	Anhänger Simon	03771/20591
09131	Chemnitz, Mittenweidaer Straße 68	Schmiede&Fahrzeugsb.Steffen	0371/413110
12099	Berlin, Teilestr. 22	Fa. Sorge, Fullservice-Anhänger	03069/40992-2
14059	Berlin, Fürstenbrunnerweg 20	Heyde-Anhänger	030/3025337
14480	Potsdam, Sternstraße 6	Günter Wulkow	0331/622689
14513	Teltow, Ruhlsdorferstraße 60	Egon Schmid Fahrzeugbau	03328/42049
14712	Rathenow, Spandauerstraße 11a	Klaus Biljok	03385/516068
15366	Neuenhagen, Zum Mühlenfeld 11	S&S Car-Service	03342/302393
15749	Gallun, Kallinchenstraße 3	Arco-Tailer	033764/884-0
16348	Groß Schönebeck, Friedenstraße 1	K. Henschke	033393/324
16835	Lindow, Rheinsbergerstraße 13	E. Döblitz	033933/70301
16845	Metzelthin, Dorfstraße 15	Ralf König	033979/14244
17153	Stavenhagen, Fritz-Reuter-Straße 8-10	Roloff & Schmitt	0399542/1263-22563
17268	Templin/UM, Knehdenerstraße 106	Metallbau Kreuzfeld	03987/51532
19370	Parchim, Bleicher-Tannen-Weg	MTH Ehlers OHG	03871/620012
20539	Hamburg-Wilhelmsburg, Harburger Chaussee 121	Klotz & Wledekind GmbH	040/7535066-87
22041	Hamburg-Wandsbek, Holstenhofkamp 2	Miet fix - Anhänger Inh. Lars Brix	040/6563063
22249	Ammersbek, Hamburger Straße 26	Felix Kröger	040/6050510
24539	Neumünster, Altonaerstraße 178	Peter Voss	04321/81212
24988	Sankelmark, Am Krug 10	Hermann Lorenzen	04630/90020
25489	Haseldorf, Deichreihe 11	Hans Wilhelm Voß	04129/254
26125	Oldenburg, Ekernstraße 4	Bernd Feldhus GmbH	0441/93960-0
26441	Jever/Oldenburg, Mühlenstraße 89	Wohnw., Reisemobile Stulken	04461/3154
27356	Rotenburg/Unterstedt, Hauptstr. 27	Fahrzeugbau Ferdinand Holst	04269/5217
28816	Stuhr (Groß Mackenstedt), Mackenstedter Str. 26	Caravan Brandl GmbH	04206/7145
28219	Bremen, Bayernstraße 1	Hermann Techau GmbH	0421/3861221
29410	Salzwedel, Gerstedterweg 4	F. Heck GmbH	03901/25118

29525	Uelzen, Seebornstraße 17	Semmler GmbH	0581/907730
30916	Isernhagen, Großhorst 1	Caravan-center Kirchhorst	05136/7182
30855	Langenhagen Godshorn, Frankenring 11-13	Hauk GmbH	0511/744074
30855	Langenhagen, Walsroderstraße 319	K. Badusche - Anhänger Fachbetrieb	0511/737373
32108	Bad Salzuflen, Heerserweg 45	Wohnwagen R. Ullrich	05222/925523
32351	Stemwede, Destel 117	Fahrenhorst	05745/2217
33104	Paderborn, Bielefelder Straße 133	Knott Sales GmbH & Co. KG	05254/805780
33378	Rheda-Wiedenbrück, Nonnenstr. 114	Wolfgang Sperllich	05242/401693
33378	Rheda-Wiedenbrück, Am Sandberg 41	Flecken Trailer Business e.K.	05242/5981-90/91
33607	Bielefeld, Am Stebkamp 20	Köster Reparaturfachbetrieb	0521/287025
33719	Bielefeld, Oldentruperstraße 253	Ohlmeier	0521/205263
34466	Wolfhagen-Niederelsungen, Nothfelder Str. 23a	Kurbjuweit-Anhänger	05606/3832
35396	Gießen, Wieseck, Teichweg 45	Thomas Rein LKW u. Anh.rep.	0641/9502050
35457	Lollar, Giebener Straße 60	Fuchs GmbH & Co. KG	06406/9120-0
37075	Göttingen, Hanoversche Straße 49	K&W Kuhnert GbR	0551/34201
37269	Eschwege, Fuldaerstr. 2, Gewerbegebiet Hessenring	Weideland Landhandel u. Anh. Markt	05651/952900
38104	Braunschweig, Hungerkamp 11	Anhängerpoint Braunschweig	0531/313227
38554	Weyhausen, Vor dem Dorfe 5	Klaus Puppe	05362/7766
39124	Magdeburg, Heinrichstraße 28	Timme-Anhänger	0391/2527414
39524	Wust, Breitstraße 74	Meier Fahrzeugbau GmbH	039323/75289
42281	Wuppertal, Winchenbachstr. 22	Dieter Schlick	0202/504080
42477	Radevormwald, Mermbacherstraße 17	Motorgeräte Uellenberg GmbH	02195/5629
42655	Solingen, Beethofenstraße 258	ACM Anhänger Müller	0212/205225
44309	Dortmund, Oberste-Wilms-Straße 22a	Stellfeld & Ernst GmbH	0231/5198158
44579	Castrop - Rauxel, Kanalstraße 110	Lazovic Outboards	0230/5627639
45881	Gelsenkirchen, Schmiedestraße 6	Andreas Schauburger	0209/469290
48346	Ostbevern, Überwasser 16	W. Stricker GmbH	02532/5730
49751	Sögel, Gewerbegebiet 9	Meiners	05952/3838
50354	Hürth, Otto-Hahn-Straße 24	Dorit Reis	02233/68340
52531	Übach-Palenberg, Helenenhof	Hans Norbert Radermacher	02451/43676
53359	Rheinbach, Heerstraßenbenden 15 -19	Camperland J. Bong Vertriebs GmbH	02226/9098-205
53757	Sankt Augustin-Buisdorf, Ringstraße 88-90	Escobar-Hebenstrick	02241/1483898
53842	Troisdorf, Hauptstr. 330	Heuer & Tönjes	02241/400880
53909	Zülpich-Langendorf, Eifelstraße 14	Rolf Bertram	02252/3797
54657	Gindorf, Gartenstraße 15	Hoffmann	06565/7841
55413	Oberdiebach, Rheingoldstraße 132	Wolfgang Kadenbach	06743/2314
55444	Waldlaubersheim, Auf dem Stein 3	Anschau Technik GmbH	06707/915810
55545	Bad Kreuznach, Mainzer Straße 22	Caravanning Center - Bad Kreuznach	0671/889990
55590	Meisenheim-Glan, Raumbacherstr. 8	Raimund	06753/2360
56072	Koblenz, Am Gülsler Bootshafen 3	Röhrig GmbH	0261/401672
56751	Polch, Trimbserstraße 5	SK Caravanning Ltd	02654/880346
57223	Kreuztal-Ferndorf, Marburger Straße 283	Firma Klonk	02732/554153
57299	Burbach, Industriepark Carl Benzstr. 21	Großmarkt Stenger	02736/5971-72
57462	Olpe/Oberveischede, Oberveischeder Straße 5	A B S Anhänger Bau Sauerland	02722/639290
57489	Drolshagen / Scheda, Gewerbeparkstraße 1	Vollmer Fahrzeugbau und Service GmbH	02763/6157
58119	Hagen, Wannerbach 44 - 46	Lutz Neumann Anh. Verk.& Service	02334/56555
59430	Holzwickede, Stennert 60	Tobias Rump	0177/2602247
59582	Geseke, Schneideweg 31	Blomenröhr	02942/1349
59609	Anröchte, Hauptstraße 72	Knott GmbH	02947-974452
59929	Brilon, Keffelker Straße 47	Gross PKW-Anhänger	02961/1311 od 2584
60386	Frankfurt/Main, Orber Straße 13	AIV Handels GmbH	069/94218812
61169	Friedberg/Hessen, Grüner Weg 2a	Wagner Garten u. Landtechnik	06031/9450

63110	Rodau, Justus von Liebig Str. 16	Tiv Handels GmbH	06106/283893
63505	Langensfeld, Birkenweiherstraße 2a	Heck Caravan & Reisemobile	06184/4410
64347	Griesheim, Mühlenweg 1	Nothnagel GmbH	06155/8382-0
64743	Beerfelden, Dieselstraße 10	Baumgärtner GmbH	06068/1507
65439	Flörsheim, Weilbacherstraße 47	H. Fuchs	06145/6709
65552	Limburg, Limburgerstraße 2	DAV Limburger Anh.	06431/74588
66115	Saarbrücken, Hochstraße 76	Schneider GmbH	0681/992690
67227	Frankenthal, Schrader Straße 32	Wieser KFZ - Service	06233/299714
67482	Altdorf, Hauptstraße 93-95	Feig Fahrzeugbau	06327/9799-0
67550	Worms-Rheindürkheim, Hüttenstraße 29-31	Stenner PKW - Anhänger	06242/4853
68642	Bürstadt, Zum Mühlgraben 8	Meier Fahrzeugbau GmbH	06206/9090210
69115	Heidelberg, Heinrich-Lenz-Straße 4-10	Link Fahrzeugbau	06221/13360
70734	Fellbach, Bruckstr. 56	Berger Anhänger + Technik	0711/57555-10
71034	Böblingen, Heinkelstr. 12	Lenz Anhänger Center	07031/732500
71083	Herrenberg-Gültstein, Heerstraße 2	Hagenlocher	07032/72044
71701	Schwieberdingen, Markgröninger Str. 54	Tschini Anhänger	07150/397844
72116	Mössingen-Belsen, Karl-Jaggy-Straße 45	Kurt Speidel	07473/6676
72124	Pliezhausen, Robert-Bosch-Straße 13 - 17	Münz	07127/ 97990
72127	Kusterdingen-Mähringen, Neckar-Alb-Straße 30	Thomas Jäger Fahrzeugtechnik	07071/916617
72172	Sulz-Holzhausen, Lindenstr. 18	Masch.-Fahrzeugbau Wieland	07454/3272
72411	Bodelshausen, Robert-Bosch-Straße 12	Caravan Matzner GmbH	07471/71571
72505	Krauchwies, Max-Eyth-Straße 1	Erath GmbH	07576/1620
72531	Hohenstein-Oberstetten, Burgstraße 9	Waidmann Landtechnik	07387/1455
72818	Trachtelfingen-Mägerkingen, Reutlingerstraße 6	Geb. Lorch GmbH	07124/310
73054	Eislingen, Daimlerstraße 13	Steinsberger GmbH Fahrz.-Bau	07161/985850
73110	Hattenhofen, Hauptstraße 15	Karl Scheurer	07164/6648
73344	Gruibingen, Hauptstraße 81	Auto-Gözl	07335/5242
74547	Untermünkheim, Eschentaler Str. 15	Barthau GmbH	07944/630
74586	Honhardt, Hirtenacker 10	Nonnenmacher, Anhängerbau	07959/768
74653	Künzelsau-Nitzenhausen, Lassbacher Weg 11	Rettenmaier Fahrzeug u. Metallbau	07905/940385
74906	Bad Rappenau-Obergingern, Herrenweg 2	Winkler Fahrzeugteile GmbH & Co. KG	07268/912811
74924	Neckarbischofsheim, Ablaßweg 20	Zuck	07263/969910
75045	Walzbachtal-Wössingen, Wössingerstr. 61	Wagner	07203/8516
76185	Karlsruhe, Daimlerstraße 2a	Gay & Nater	07217/5099500
76437	Rastatt, Im Steingartengerüst 35	Kirchberger GmbH	07222/81258
76461	Muggensturm, Hauptstraße 143-145	Strack	07222/82141
76764	Rheinabern, Rülzheimerstraße 3	Franz Marz	07272/8286
77078	Niederschach, Fischbachstraße	Heimbürger	07728/871
77656	Offenburg, Heinrich-Hertz-Straße 28	Mainrad-Müller GmbH	0781/52098
77723	Gengenbach, Berghauptener Straße 5	Franz Schaub	07803/2412
77855	Achern-Önsbach, Handwerkerstraße 10	Seidler Fahrzeugbau	07841/709988
77955	Ettenheim, Rudolf-Hell-straße 32-44	Caravan+Freizeitcenter GmbH ERNST	07822/89380
77963	Schwanau, Weiblingsweg 1	Fahrzeugbau Wahle	07824/64490
78256	Steißlingen, Industriestraße 14	A. Schöneberger	07738/92600
78351	Bodmann-Ludwigshafen, In Neustückern 1	Bootsservice Rettich	07773/5011
79395	Neuenburg, Basler Kopf 1	Neuenburg GmbH	07631/798888
79761	Waldshut-Tingen, Weilheimer Straße 28	Knott GmbH	07741-809081
79787	Lauchringen, Industriestraße 4	Eichkorn Fahrzeuge	07741/62511
81243	München, Bodenseestraße 170	H. Herzensfroh GmbH	089/8342812
81549	München, Fritz-Berger-Straße 2	Berger Freizeitfahrzeug GmbH	089/680921100
82061	Neuried, Gautinger Straße 49	BENDIX GmbH Pkw Anhänger	089/753080
82319	Starnberg, Münchner Straße 35-37	Kufer KG	08157/6061

83043	Bad Aibling, Daimlerstr. 8	Damböck	08061/8147
83104	Tuntenhausen, Moorweg 5	Eder	08067/9035-0
83125	Eggstätt, Obingerstraße 32	Michael Mayer	08056/266
83125	Eggstätt, Chiemseestraße 2	Holdinger GmbH	08056/260
83125	Eggstätt, Obingerstraße 15	Knott GmbH	08056/906-0
83313	Siegsdorf, Salzweg 2	Franz Harbeck	08662/409758
83329	Waging am See, Gewerbestr.7 (Scharling)	Harbeck Fahrzeugbau	08681/4090
83395	Freilassing, Traunsteiner Straße 9	Caravan Zimmer	08654/7519
83737	Irschenberg, Wendling 1	Waldschütz Pannenhilfe	08025/1055
84076	Oberhornbach, Oberhornbach Hausnr. 11	J. Heidingsfelder	08782/383
84100	Niederaichbach, Obere Aichbachtalstraße 7	Paul Mayr	08707/388
84347	Pfarrkirchen, Industriestraße 6	E. Schlögl Fahrzeugbau	08561/1725
84533	Haiming, Lilienweg 1	L. Kagerer	08678/478
85241	Herbertshausen, Grubmühlstr. 4-16	Wörmann GmbH Anhänger-Center	08131/1601
85659	Forstern, Kipfing 116a	Mittermaier	08124/7261
86165	Augsburg, Derchingerstraße 151d	J. Brunner Fahrzeugbau	0821/721007
86551	Aichach, Am Plattenberg 12	Unsinn Nutzfahrzeuge	08251/53596
87437	Kempten, Ludwigstraße 84	Herb Anhängerzentrale	0831/67895
87437	Kempten, Lenzfriederstraße 107	Neß & Heinzelmann	0831/76218
88079	Kressbronn, Fritz-Berger-Straße 2	Berger Freizeitfahrzeug GmbH	089/680921100
88339	Bad Waldsee, Burgstockstr. 1	HWR Anhängerbau GmbH	07524/7990
88416	Reinstetten, Laupheimerstraße 2	Franz Maier	07352/9111-0
88422	Oggelshausen, Schillerstraße 5	Guenther Kromer	01736613285
89150	Laichingen-Mechtholdsheim, Industriestraße 18	Hintz GmbH	073333630
89335	Ichenhausen, Rudolf-Diesel-Straße 10	Mayer	08223-90545
89518	Heidenheim, Liststraße 9	Krause Anhänger	07321/46752
90475	Nürnberg, Raudtener Straße 8	Dollco-Anhänger	0911/830504
91083	Baiersdorf, Industriestr. 5	Juba Anhängerzentrum GmbH	09133/47550
91463	Dietersheim, Mühlstraße 26	Anh.-Z.u.Fahrzeugbau Rabenstein	09161/61659
91589	Aurach, Industriegebiet-Steinauerweg	Engelhard Anhänger	09804/1223
91710	Gunzenhausen, Öttinger Straße 15-19	Carl Ulrich Fahrzeugbau	09831/7099
92289	Ursensollen, Amberger Straße 19	Ehebauer Fahrzeugbau	09628/9217-0
92318	Neumarkt, Fritz-Berger-Straße 2	Berger Freizeitfahrzeug GmbH	09181/330100
93055	Regensburg, Am Kreuzhof 3	Seltenhofer	0941/ 464550
93128	Regenstauf, Gutenbergstraße 21	Knott GmbH	09402/9317-0
93185	Michelsneukirchen, Ponholz 11	Fa. Josef Scheubeck/Anhängerbau	09467/710341
94431	Pilsting-Peigen, Harburgerstraße 6	Lau Anhänger	09953/1427
95652	Waldsassen, Klärwerkstraße 12	Weber Anhängertrieb & -verleih	09632/1751
97816	Lohr-Steinbach, Lohrer Str. 26	Steinbacher	09352/89803
97909	Stadtprozelten, Am Mainufer 1	Boote Hock GmbH	09392/7866
98744	Oberweißbach, Am Wäldchen 8	KFZ-Service Unbehaun	036705/63900
99092	Erfurt-Bindersleben, Gottstedter Landstraße 19	THS KFZ-Ersatzteile	0361/220940
99099	Erfurt, Weimarerische Straße 29b	Böhme & Eska	0361/7894577
99817	Eisenach, Amrastraße 68	Willy Heusing	03691/71374
99867	Gotha (Thür), Dr.-Troch-Straße 18	Anhängerbau - Gotha GmbH	03621/29521



GB Great Britain

DE14 2WF	Burton-on-Trent Staffords., Second Avenue Centrum 100	Knott-Avonride Ltd.	01283531541
CF34 0AQ	Caerau, Maesteg, Mid Glamorgan, S. Wales	Knott-Avonride Ltd.	01656739111
IV1 1SG,	40A Seafield Road, Inverness	A J Grant & Sons	01463233751
AB53 8QY	Crichneyed Croft, St Katherines Turriff, Fyvie, Aberdeen	Aberdeen Trailers	01651891538
PA34 4HA	3-4 Mill Lane, Lochavullin Ind. Estate, Oban, Argyll	Trail West	01631563638
KY13 9XS	Sterling Road, Milnathort, Tayside	Kay Trailers Limited	01577862493

S9 5DF	William House, Greenland Road., Sheffield	BDS Trailers	01142449736
KA8 8AG	54 Crown Street, Ayr	Ayr Trailer Centre	01292268401
CA2 5XH	Junction Street, Carlisle, Cumbria	Carlisle Trailer Centre Ltd.	01228549911
SR4 6DR	Simpson Street, Sunderland, Tyne & Wear	Sunderland Trailer & Towing	01915676427
YO30 1AB	Shipton by Benningborough, North Yorkshire	Richardson Rice Trailers Ltd.	01904470282
LS4 2PU	Unit 3B Upper, Burley Road, Leeds	Great Yorkshire Trailers & Towbars	01132632581
WN6 7TP	Unit 2, Cricket Street, Wigan, Lancashire	Wigan Trailer Centre	01942248373
SK6 7EN	Windlehurst Road, Marple, Gtr Manchester	Bateson Trailers Limited	01614260500
LL18 3PW	Eastville Works, 81 Coast Road	Coastal Towbar Services Ltd.	01745351841
CH1 4NT	Unit 19 Hartford Way, Chester	1244324034	012244324034
S40 2TU	Davian Works, Storforth Lane, Chesterfield	Towbars & Trailers	01246202543
PE20 2BE	Main Road, Sutterton, Boston	Blue Line Trailers	01205460346
BT42 3HB	Pennybridge Ind. Estate, Larne Road, Ballymena N. Irl	Barron & Brennon Limited	02825642406
NG21 0RY	Hazel Court, Burma Rd. Ind. Est, Blidwth, Nottingham	Bingham Trailer Parts Ltd.	019149861666/7
SY7 8BX	Stoneacre, Shrewsbury Rd, Shropshire	Trailers & Components	01588673345
NN11 4PB	Sopwith Way, Daventry, Northants	Brian James Trailers Ltd.	01327308833
WR11 4UN	Bishampton Road, Rous Lench, Worcs	Hazlewood Engineering Ltd.	01386792916
SA33 4LX	Blewgyd Farm, St. Clears, Carmarthenshire	CLH Trailers	01994230055
CF11 8TT	275 Penarth Road, Cardiff, South Glamorgan	S.G.M.Towing	02920371379
TW18 3LX	Green Lane, Chertsey Lane, Staines, Middlesex	Parrymore Motor & Trailer CPY	01784464636
TR10 9NA	Unit 3-12 Longdowns Ind. Est., LD Penryn, Cornwall	Tyrone Snell Trailers Limited	01209860945
WD4 8SJ	P O Box 459, Kings Langley, Herts	C. M. Trailers	07951401757
DT8 3PT	Unit 10 Horn Park Qu.B., Beaminstor, Dorset	Cruickshank Trailers	01308867800
ME15 9YY	Vinten House, T. B. Centre, Maidstone, Kent	Trident Trailers Limited	01622662700
ME9 8RB	Grovehurst Farm(S), Groveh. Rd., Sittingbourne, Kent	Trident Trailers Limited	01622662700
TN1 2EZ	Medway Rd. (TW), Off Quarry Rd., Turnbr. Wells, Kent	Trident Trailers Limited	01622662700
CT1 3PP	Gordon Road, Canterbury, Kent	Trident Trailers Limited	01622662700
SN10 2EP	London Road, Devizes, Wiltshire	Devizes Trailer Centre	01380721758
IP30 0JH	Oak Farm, Cockfield, Bury St. Edmunds, Suffolk	Anglian Trailer Centre Ltd.	01284828415
RH13 5QR	Blatchford Road, Horsham, West Sussex	Tanfield Limited	01403269100
GU34 5EW	Units 3+4 Lymington Farm, L.B.Rd., Alton, Hampshire	Southern Trailers	01420564191
DN4 8QG	Clayfields Ind. Estate, Tickhill Rd., Doncaster, S. Yorks	Blue Diamond Stl.	01302310113
EX33 2BH	Exeter Road, Braunton, North Devon	Oasis Trailer Centre	01271816866
HU3 4JH	40 Havelock Street, Hessle Road, Hull	Tow one Trailers	01482225645
LA9 6ES	Appleby Road, Kendall, Cumbria	D.Greenbank Trailers & Towbars	01539721733
B530 8XH	Station Road, Warmley, Bristol, Avon	Pioneer	01179615777
WD24 4PT	6 Colonial Way, Watford, Herts	Harrow Trailer Supplies	01923253366
BL9 0RH	1-37 Mason Street, Bury, Lancs	Peter Browman Towing Centre	01617973000
BA3 4AP	Unit 1, Westfield Tr. Est., Midsomer Norton, Bath	Avon Trailer Towbar Centre	01761411171
BT70 2PP	15 Aughnagar Road, Galbally, Co Tyrone, NI	Nugent Engineering Limited	02887758583
DD9 6RJ	Forfar Road, Brechin, Angus	Duncan McIntosh Engineering	01356624600
WV6 9HE	Macrome Road, Tettenhall, Wolverhampton	SBS Limited	08452305670
HD6 4BW	Unit 14, Heaton Ind. Est., Bradf. Rd., Brighouse, W.YS	Taylor's Trailers Ltd.	01484721608
IRELAND	Clonard, Ballycallan, Co Kilkenny, Eire	Dooley Bros Engineering Works	00353567769198
OX16 8SP	Thorpe Way Ind. Estate, Banbury, Oxfordshire	Banbury Trailer & Towing Cntr.	01295251526
BB1 3LS	Red Cap Garage, Blackburn Rd., Blackburn, Lancashire	T. H. Motors	01254675522
ME12 1DB	Unit 6, Phase 2, Grace Rd., Sheerness, Kent	Overland Solutions	01795663300
EN6 1HP	6 Hatfield Road, Potters Bar, Herts	G T Towing Limited	01707262875
PR4 1AH	Lytham Road, Warton, Preston, Lancashire	Braithwaite Plant Hire & Sales	01772679179
G73 1AL	1 Alleysbank Road, F. I.E. Rugherglan, Glasgow	D B Wilson JR & Co Ltd.	014164701614
NR3 2BT	23 Frensham Road, Sweet Br. Ind. Est., Norwich	Tow Win Equipment	01603424424
DT2 8QR	Waddock Cross, Dorchester, Dorset	Wessex Trailers Limited	01929462534

SP4 6DR	Ford Farm, Old MH.Lane, Ford, Salisbury, Wilts	Fieldfare Trailers	01980611853
DN16 1RG	Grange Lane North, Scunthorpe, North Lincolnshire	John Cooper Towing Equipment	01724850888
TQ13 8NE	Former Gales Saw Mills,Court Str., Moretonh., Devon	Nova Engineering	01647441189
HG4 1HY	North Bridge, Ripon, North Yorks	Ripon Trailer Centre	01765698948
CH62 4RA	103 New Chester Rd., New Ferry, Wirral, Merseyside	Port Sunlight Trailer CO	01516454735
TD8 6DR	Old Bongate Mill, Jedburgh, Borders	W M Dodds	01835863381
LE9 4DW	Walkers House Farm, Sapc.Rd., Stoney St., Leics	G T Trailers	01455272378
EH21 7TY	C/O Pinkie Mains, Pinkie Road, Musselb., Scotland	Hitch n Go	01316656963
TA2 8BE	Venture Way, Taunton, Somerset	Taunton Trailer Hire	01823336193
PO20 7QG	78 Fletchers L., Sidlesham, Chichester, W- Sussex	Dovetail trailer Co Ltd.	01243641658

Scandinavia



DK Danmark

2670	Greve, Lunikvej 38a	JS Komponenter A/S	0045/43696777
3230	Graested, Svendebuen 1	Brenderup Servicecenter	48391420
4100	Ringsted, Huginsvej 22	Bevola A/S	0045/57660640
4200	Slagelse, Sorövej 97	Campinggarden	58544003
6000	Kolding, Vejlevej 361 Bramdrupdam	K.G. Camping ApS	75568777
6100	Haderslev, Hirsevej 23-25	Lageri Schmidt	74521148
6650	Brorup, Stenbroalle 1-3	Kongea Trailercenter A/S	76308325
7100	Vejle, Grejsdalsvej 324B	PHV Trailer	75853044
7451	Sunds, Navervej 14	Herning Trailer	97144333
8260	Viby, Ormslevvej 11	Campinggarden A/S	86283566
8600	Silkeborg, Buskelundsvej 11	West-Trailer Jylland ApS	86827856
8660	Skanderborg, Christiansmindevej 26	A/S Bent Neergaard	0045/87933700
8700	Horsens, Bjerrevej 29	Antirust Centret A/S	75647977
9240	Nibe, Koldsmindevej 5	Nibe Caravan Center A/S	98351888



FIN Suomi

01900	Nurmijärvi, Ilveskuja 6	Autoflex-Knott OY	00358-9-55-22-50
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IS Ísland

	Reykjavik, Thungháls 10	Vagnar / Thjonusta ehf.	0035-45673440
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N Norge

1413	Taanaasen, Valhallaveien 70	Sanitas A/S	0047-66806868
1483	Skytta	Svako	0047-67060800
1860	Trögstad,	Busterud	0047-69826488
2434	Jöмна	Bjölseth	0047-62425200
7353	Börsa	Hammer	0047-72863124



S Sverige

26271	Ängelholm, Hammargatan 4	TIAB Trailer Industrier AB	0046-431442580
55302	Jönköping, Industrigatan 16	Trailergruppen	0046-36181950
58422	Linköping, Jägarvällsvägen 6 E	Transport-Trading Reservdelar DP AB	0046-13367800
65102	Karlstad, Brisgatan 19	AB Ernst Hj. Rydahls	0046-54850400
68695	Västra Ämtervik, Toregatan 6	Släpvnagsteknik	0046-56550540

Benelux



B Belgique, België

1070	Brüssel, Steenweg op Bergen 206	BC Motor SPRL	025212697
1500	Halle-Breedhout, Lenniksesteenweg 552	Garage Maillard	023561448
1745	Opwijk, Molenveld 46	De Langhe Louis Delvan	052371412
2220	Heist op den Berg, Herentalsteenweg 98a	Rudy de Ryck	015240376

2160	Wommelgem, Autolei 288	Louben	03-3210812
2250	Olen, Lammerdries i.b.H.	Noyens A+C	014233343
2500	Lier, Mijl 7	B.W. Aanhagwagens	034800154
2590	Berlaar, Hellegatstraat 14	N.V. BCW	034821779
3090	Overijse, Kapucienendreef 22	ETS. Dombard & Cie S.A.	026570585
3111	Wezemaal-Rotselaar, Aarschotsesteenweg 355	Andre Vermeir	016581771
3210	Staatbaan, Staatbaan 235	Marco	016-634698
3540	Herk de Stad, Ind. Zone Daelemveld 1020	Vabo N. V.	013551515
3950	Kaulile, Fabriekstraat 99	Helpo BVBA	011446114
3980	Tessengerlo, Heilig-Hartlaan 32	N. V. Edma	013663134
3990	Peer, Ambachtslaan 1041	Map BVBA	011631430
4280	Hannut, Rue de Landen 146	ETS. Broos	019513139
4780	St. Vith, Luxemburgerstrasse 85A	Garage E-42 Gils L.	080226270
4800	Verviers, Parc Ind. De Lambermont	Rotec	087352022
4841	Henri Chapelle, Chaussee de Liege 8	J.C. Beckers	087882300
4990	Lierneux, Pont de Jour 5	Victor Boxho	080319062
5101	Lives, San Meuse	Moreau et Fits	081589210
6560	Equelienes, Rue de Merbes 3	Jean Marie Bureau	071557810
6637	Hollange, RTE De Bastogne-Arion N4	Gar. S.P.R.L. Noiset-Latour	061212437
6700	Arlon, Z.A De Weyler 52	J.P. Schweisthal-Walt	063226457
6740	Villers sur Semois, Rue Joseph Weicker 4A	ETS. Mambour-Batter	063411341
8480	Ichtegem, Industriestraat 60	Vandamme Johan	051582638
8490	Jabbeke, Gistelsteenweg 285	Stefan Traen	050288400
8700	Aarsele-Tiel	Weymar	051635802
8700	Aarsele-Tielt, Neringenstraat 46	Tack N.V.	056604212
8790	Waregem, Hoogmolenwegel 21	GDW Germain Deconinck	051633144
8880	St. Elioos-Winkel, Karnemelkhofstraat 9	Constructie DeDe BVBA	056501203
8940	Wervik, Krommestraat 2	Valcke	056312207
8980	Zonnebeke-Beselare, Oude Kortrijkstraat 84	Pattyn	057466863
9100	Nieuwkerken-Waas, Grote Baen 120 84	Drowa Aanhagwagen	037754096
9230	Wetteren,	Kerenzo NV	093692100
9270	Kalken, Provinciebaan 102	Van Hoecke Martin	09-3696288
9300	Aalst, Nieuwe Beekstraat 30A	Van Branteghem	053216942
9420	Erpe-mere-burst, De Krielhoek 6	Vanhoudenhove	053-629044
9500	Ophasselt, Leopoldlaan 14	Marc Scheirlinckx	054500134
9920	Lovendegem, Grote Baan 252	Saelens S.	09-3708077

NL Nederland

1431GZ	Aalsmeer, Witteweg 5	Imanse aanhangwagens	0297-266484
1628JS	Hoorn, Lageweg 24	Aanhangerland Koos Bakker	0229-210826
1704RD	Heerhugowaard, Pasclstraat 10A	Theo Stet aanhangwagens	072-5722652
1731LZ	Winkel, Winklerzand 74A	Tonca Aanhagwagens	0224-542489
2152MD	Nieuw-Vennep, Venneperweg 1037	Vervloed B.V.	0252-622440
2241BW	Wassenaar, Rijkstraatweg 64A	Altijd Handig	070-5110404
2651BM	Berken & Rodenijs, Rodenijsseweg 39	J.F. De Boer B.	010-5113812
2651BM	Berken & Rodenijs, Noordeindseweg 358	Vollebreght aanhangwagens	010-5112753
2771WN	Bodegraven, Voshol 2	H. vd Smit aanhangwagens	0172-619119
2991LN	Barendrecht, Koopliedenweg 21	J.H. Bunk Wagenbouw	01806
3233LP	Oostvoorne, Pinnepot 13	J.D. Trailers B.V.	0181-485273
3241MG	Middelharnis, Zernikeweg 4A	G.van Wijk	0187-486590
3316GC	Dordrecht, Bunsenstraat 10	Wagenbouw Solide B.V.	078-6184336
3371GD	Hardingsveld-Giessendam, Parallelweg 79	J.M trailer	0184-610682
3417GL	Montfoort, Beneden kerkweg 1B	Aanhagwagens vd Horst B.V.	03484-71493



3446CR	Woerden, Jaap Bijzerweg 2	H.O. Mostert	0348-421345
3566MJ	Utrecht, Gageldijk 192	V.D. Berg	030-2622087
3731LK	Barneveld, Baron v. Nagel Straat 113	B.K. Trailers B.V.	0342-417559
3737BA	Groenekam, Kon. Wilhelminaweg 259	Bart Veldhuizen B.V.	0346-214223
3752GC	Bunschoten, Voltaweg 21	Aanhangwarenhuis Ter Haar	033-2999750
3774JR	Kootwijkerbroek, Harskamperweg 84	Hado Midden Nederland	0318-456497
3846BT	Harderwijk, Snelliusstraat 16	Jozua aanhangwagens	0341-412724
3862NL	Nijkerk, Jan Plassensteeg 18	Kraay aanhangwagens	033-2470358
3882NV	Putten, Arkhemheenseweg 10	Ultra-Lite	0341-360910
3905LV	Veenendaal, Rondweg west	Aanhangwagens Cluistra	0318-511302
3925BV	Scherpenzeel, Glashorst 102A	Triorep	033-2778866
4004JR	Tiel, Koelenhofstraat 2	JVD Aanhangwagens	0344-631098
4338PN	Middelburg, Uijtschootweg 22	Zeeland Aanhangwagens	0118-613659
4416PT	Kruiningen, Kersenweg 5	P.A.K. aanhangwagens	0113-381722
4451HP	Heinkenszand, Danielsweg 2	Caravan life Gorter	0113-563085
4815PR	Breda, Hoeksteen 8	Fokkema aanhangwagens	076-5710418
4877LA	Etten-Leur, Hoevenseweg 39B	Gijzen Wagenbouw Leur	076-5012218
4891TL	Rijsbergen, De waterman 4	Betanco trailers	076-5968323
5431NS	Cuijk, De Hork 18	Atec B.V.	0485-322322
5491DD	St. Oedenrode, Marie Curiestraat 8	Masta Aanhangw.	0413-472893
5627AD	Eindhoven, Boschdijk 952	Saris Eindhoven	040-2111106
5707DA	Helmond, Diepenbroek 2	Gehamie	0492-535352
5753SL	Deurne, Leembaan 10	Weijer Aanhangwagenfabr.	0493-317938
5825KA	Overloon, De oude molen 3A	Aanhangwagens henkens B.V.	0478-640304
5987NB	Helden, keup 1B	Steeghs Helden B.V.	077-3072778
6134AC	Sittard, Rijksweg zuid 195	Trailer & more Roland Knops	046-4512718
6336XV	Aalbeek, Nieuwenhuysstraat 57a	Orbons B.V.	045-4051644
6367AZ	Voerendaal, Lindelauffer Gewande 5	Eussen Aanhangwagens	045-5751093
6500AA	Nijmegen, Energieweg 4	Protempo B.V.	0031/0243711711
6624KK	Heerewaarde, Heerewaardensestraat 34b	Rieske O. K.	0487-573114
6921RJ	Duiven, Nieuwgraaf 3	Westhoff Aanhangwagens	026-3119099
6961EG	Eerbeek, Coldenhovenseweg 92-96	Voskamp aanhangwagens	0313-651834
7231PG	Warnsveld, Lochemseweg 26	De Witte Smid	0575-431204
7461AE	Rijssen, Nijverheidsstraat 2	Hotra aanhangwagens B.V.	0548-542650
7478SJ	Enter, Goorseweg 22A	Braamhaar aanhangwagens	0547-385052
7495SC	Ambt-Delden, Oude Postweg 6	Haverkate	0547-272185
7575AR	Oldenzaal, Nijverheidsstraat 63	Bruggink	0541-536051
7602KE	Almelo, Bedryvenpark Twente 142	A. Tijhof	0546-575500
7671EG	Vriezenveen, Bedrijfsweg 4	Aanhangwagens Niekolaas	0546-569800
7676SV	Westerhaar, Schuineweg 10	H.O. Haverslag	0546-659090
7741MA	Coevorden, Modem 21	Wesco Trailers B.V.	0524-512215
7933TM	Pesse, Oosterring 28	De Boer-Pesse	0528-241676
7951RB	Staphorst, Noordweg 5	J. Kuiper	0522-242802
8013NB	Zwolle, Marsweg 48	Sallas Wagenbouw	038-4657524
8243PD	Lelystad, Vaartweg 71	J.H. Van de Burgwal	0320-262071
8305AA	Emmeloord, Dukaat 11A	Bolle B.V.	0527-613755
8308AH	Nagele, Hakstraat 11	Aanhangwagens Konag	0527-652190
9057RB	Jelsum, Breedijk 33	Titan Aanhangwagens	058-2572445
9363TL	Marum, Transportweg 6	Fripan Zijlstra	0512-302423
9723BX	Groningen, Osloweg 120	Impex Rosworld B.V.	050-3093810
9731BB	Groningen, P. Dijkemaweg 35a	Bouwman B.V.	050-5410159
9936BJ	Farmsum-Delfzijl, Rondeboslaan 1-3	H.E. Buist B.V.	0596-613590

DANSKE

DEUTSCH

ENGLISH

ESPAÑOL

FRANÇAIS

ITALIANO

NEDERLANDS



L Luxembourg, Luxemburg

7526 Mersch, Zone Industrielle Paul Kellen 329321



F France

7130 Toulau, Zone Industrielle C B S
 14760 Bretteville sur Odon, Rte de Bretagne 212 Geslin
 14980 Rots, Chemin les Bissonnets Verene Remorques
 15800 Polminhac, Les Prades Malbert Remorques
 17770 Brizambourg, Nantille Jaguenaud
 18100 Vierzon, Route de Tours 71 Larose Diffusion
 18570 Bourges, Chemin de Sainte Marie Chevalier Jean-Luc
 19500 Marcillac la Croce, Lachaud Christian
 29290 Saint Renan, Route de Brest Iroise
 30800 St Gilles, ZI Route d'Arles Socovan
 35540 Plerguer, Constructeur Quemerais Remorques
 38260 Marcilloles, Zone Industrielle Division Coprodis 47454402
 38380 St. Laurent du Pont, Le Revol JP Construction Remorques
 43320 Chaspuzac Rocher
 45170 Neuville aux Bois, Route de Orleans David
 45370 Clery Saint Andre, Zone d'Activite Daudin
 56520 Guidel, Rue de Kerbenes 8 R.A.H.
 59613 Fourmies Cedex, Zack „La Marliere“ Hubiere Remorques
 60510 Bresles, Rue Benjamin Delessert Apelmat
 62770 Le Parcq, BP 4 - Route d'Aire Atelier Construction Artois
 68127 Niederherbergheim, Sarl au Capital de 7622 Equivans 33389499912
 68130 Aspach, Rue de Thann 108 Boeglin
 70170 Port S/Saone, Avenue de Ferrieres 72 Masson
 72140 Sille le Guillaume, Rte de l'Hippodrome Lesage Carrosserie
 72650 Trange, Za de la Prefecture Magnum Remorques
 77000 Melun, Rue de Marechal Juin 338 Bel Air
 77015 Melun-Cedex, Zone Industrielle Et.. Paillard S.A. 164104880
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 93420 Villepinte, Bld R. Ballanger 39/41 Bremond Remorques

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 2111 Tresdorf, Gewerbepark II/6 Steininger J. Dominik Anh. 02262 / 73409
 3382 Loosdorf, Südstr. 1 Humer GmbH & Co KG 02754 / 30130
 3763 Japons, Unterthumeritz 40 Edlinger Karl Fahrzeugb. 02914 / 6230
 3931 Schweiggers, Windhager Str. 22 Steininger & Partner GmbH Anh. 02829 / 8201
 4020 Linz, Hollabererstr. 5 Zitta BitTec 0732/650000
 4274 Schönau, Schönau 39 Hochedlinger PKW-Anh. 07261 / 7370

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4676	Aistersheim, Nr. 38	Kreupl Walter	0773 / 42846
5020	Salzburg, Röcklbrunnstraße 11	Meingast Willi	0662 / 876576-0
5203	Köstendorf/ Salzburg, Spanswag 11	Ablinger Pkw-Anhänger-Fahrzeugaubau	06216/ 5317
5241	Maria Schmolln, Winklpoint 8	Spitzer Gerhard	07743 / 2283
6020	Innsbruck, Valiergasse 12	Batkowski Anhängerbau	0512 / 364433
6235	Alpach, Alpach 33	Unterrader Theo PKW-Anh.	05336 / 5760
6706	Bürs, Quadrella 3	Wandl Anhänger	0664 / 73108330
6845	Hohenems, Schweizer Str. 78c	Gisinger Fahrzeugaubau	05576 / 72192-0
6952	Hittisau, Nr.: 377	Feuerstein Walter	0551 / 322682
8054	Seiersberg, Kärntnerstraße 559	Humer GmbH & Co KG	0316 / 251400
8120	Peggau, Grazer Str. 23	Jogrei Fahrzeugbau	0312 / 728710
8230	Hartberg,	Ziegeleigasse 10Grabner GmbH	03332 / 62478
8430	Leibnitz, Hauptstraße 38	Flucher Albin	03452 / 84957
8453	St. Johann, Saggau 93	Heiserer Franz	03455 / 6231
8605	Kapfenberg, Grazerstr. 56	Günter Grill KG	03862 / 23401-0
9020	Klagenfurt, St.Jakoberstraße 40	ATZ Anhänger GmbH	0463/ 47767
9433	St. Andrä, Framrach 34	Sambo Handels GmbH	04358 / 28172
9710	Feistritz, Drautalstraße 8	Schaller Kurt Fahrz.-Bau	04245 / 2091
9990	Debant/Osttirol, Drautal Bundesstraße 12	Mitterdorfer Alois	04852 / 64321



CH Schweiz, Suisse

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5312	Döttingen, Gewerbestraße 5	Ifor Williams	0562845445
6010	Kriens, Werkstrasse 8	Bieri Federn u. Bremsen AG	0413100505
6078	Lungern, Chnewisstrasse	Sutter AG Lungern	0416781944
6300	Zug, Baaremattstraße 4	Rampf-Faba AG	0417603000
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8580	Amriswil, Arboerstrasse 100	Krapf AG	0714140740
8907	Wettswil, Lenggenweg	Stüssi AG	017000016
9014	St. Gallen, Züricherstrasse 278	Wenk Fahrzeugbau	0712773703
9462	Montlingen, Letzaustraße 1	Caron Fahrzeugtechnik	0717636340
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753 61 Hranice, Lipnicka 351
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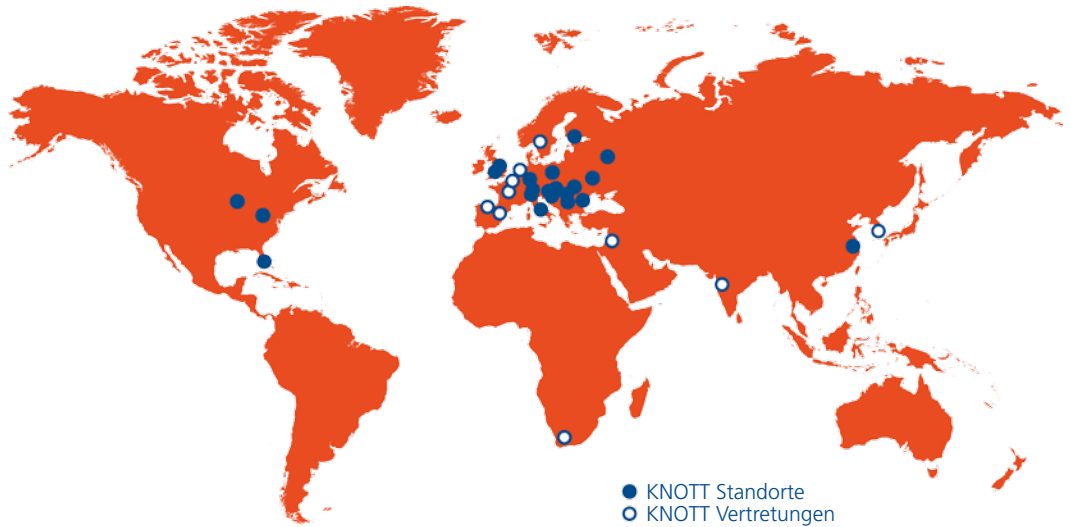
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