



Kellfri[®]

27-DC

GARDEN TRAILER WITH TOW BAR



READ THIS MANUAL CAREFULLY BEFORE USING THE PRODUCT !!!
TRANSLATED FROM THE ORIGINAL

INTRODUCTION

Thank you for choosing a product from Kellfri AB. By following general safety information, operating instructions and common sense, you will have many years of enjoyable use of the product. Kellfris equipment and products are aimed to be use by active farmers with high demands on functionality.

PRODUCT INFORMATION

Tipping trailer with clevis hitch for garden tractor or smaller ATV, tiltable floor with floor catch. The floor catch is released with a foot pedal and the floor is tipped by hand, a 410 kg load capacity, rubber balloon wheels and UV-resistant powder-coated finish. Fold-down sides with high rails and opening tailgate.

PRODUCT INFORMATION

The trailer is designed to transport loose materials or branches / logs to a maximum load of 410 kg for a Garden tractor or small ATVs.

TECHNICAL DATA

Width	840 mm
Platform Size	1500 x 775 x 515 mm
Wheels	16" x 5"
Max load	410 kg
Weight	58 kg
Total height	970 mm
Total length	2050 mm
L x W x H	2050 x 840 x 970 mm

BASIC SAFETY INSTRUCTIONS

Before using the equipment or product, and for the safety of yourself and others, you must read the safety instructions and the instruction manual and understand its contents. Always keep the safety instructions and instruction manual handy for users of the equipment or product. For the safety of both yourself and others, it may be a good idea to read through the safety instructions every now and then. If the safety instructions or instruction manual gets damaged or in any other way cannot be used, new copies may be ordered from:

Kellfri AB, Munkatorpsgratan 6, 532 37 SKARA
Sweden. Tel.: +46 (0)511 242 50 (Pls. contact the retailer)

The general safety instruction is also available from Kellfris website: www.kellfri.co.uk
Do not use this equipment if you are feeling sick, tired or in influence of alcohol. Nor if you are under the influence of strong medications or drugs, suffering from strong depression or severe mental illness. Always follow the general traffic rules and regulations and the rules of the Animal Welfare Act. Persons under 15 years old and people with mental illness may not use these product.

Warning symbols identify important safety aspects in this manual to help you and others avoid danger and accidents. When using the machine: Take extreme caution!



This symbol indicates that a serious accident will occur if the instructions in the manual are not followed. The accident results in serious injury, possibly death or serious property damage.



This symbol indicates that an accident will occur if the instructions in the manual are not followed. The accident results in serious injury or property damage.



This symbol indicates that an accident could occur if the instructions are not followed. The accident results in personal injury or property damage.



NB indicates the potential for the breakdown if the instructions are not followed.

PRODUCTSAFETY INFORMATION

Read the towing vehicle manual.

- Always check the performance of the machine combination to be use with the trailer to ensure the safety and function. The trailer is not equipped with any lighting device: mount magnetic tail lights or equivalent if necessary.
- When disconnecting, make sure the trailer standing on level ground.
- Drive straight up or down in steep terrain.
- Avoid driving with a fully loaded trailer in slopes.
- Do not drive down steep slopes if the risk is too high that the trailer will tip over
- Never overload the cart! Maximum load 410kg
- Never leave the driver's seat until the towing vehicle is braked.
- Danger zone 5 meters. No one other than the operator may be present within the danger zone during work with the trailer.
- The operator may under no circumstances stand underneath a suspended load.
- The trailer may not be parked with the load unattended!
- When the trailer is to be disconnected, it must be done unloaded , on a flat surface and the trailer wheels secured with appropriate blocks.
- Use only the trailer for its intended use
- The trailer may not under any circumstances be driven on highways.








The product must not in any circumstances be modified without permission from the manufacturer. Unauthorized modification of the machine and/or accessories can cause fatal injuries or death to operator or others.

Warning!

WARNING LABELS

Make sure that the warning labels are always visible, clean the warning labels if necessary. Do not wash with high pressure washer directly on the warning label. If any part of the decal is worn or label becomes frayed or otherwise unreadable, order new decals.

SYMBOL	Explanation
	<p>Read the manual Turn off the engine and remove the key from the ignition when repairing or when leaving the vehicle even for a short moment.</p>
	<p>Danger zone 5 m</p>
	<p>Do not stand underneath a suspended load Warning! Moving parts</p>
	<p>Risk child accident! Children is not allowed near the machine Prohibition to stay on the machine</p>
	<p>The product is CE marked</p>

INSTRUCTION FOR EMERGENCIES

In case of an emergency please dial 112.

Keep cell phone or emergency phone available specially when working alone. First aid kit and fire extinguishers must be kept easily accesable during all work, maintenance and service.

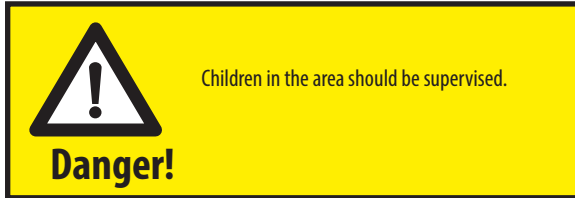
PERSONAL PROTECTION

Always use appropriate protective equipment. Do not wear loose clothing or jewelry when working with the tool.



SURROUNDINGS

Check and make sure that the area is clear of people, children and objects before switching on or using the equipment. Risk of serious personal injury. Be especially careful if children are in the area where the equipment is being used or stored. Check that there are no low-hanging power lines within the work area. Be careful when working on slopes and near ditches. Always work alone with equipment designed for single - purpose tools/products. Never have junk/debris lying in your work area. Have work spaces clean. Always respect the danger zone.



BEFORE USE

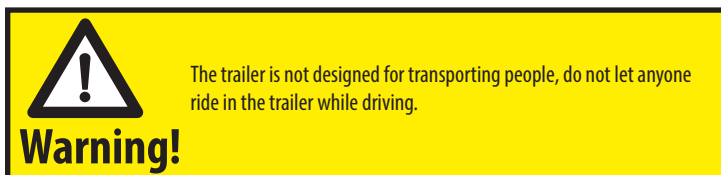
Read the instruction manual carefully. Be sure that you understand the safety information, instruction manual and warning labels. Use common sense when using the trailer and use appropriate personal protective equipment. Always check the performance of the machine combination to be used. It's highly important, these harmonize and match in a satisfactory manner. This is to ensure the equipment function and your and others' safety. Do visual inspection before use. Fix or replace damaged and worn parts immediately to reduce the risk of injury.

Lubricate moving parts and check that all screw-nuts and bolts are tightened. Learn and remember the correct working methods. Beginners should always keep a low speed, use extreme caution before routine and product knowledge is achieved. The user/customer is responsible to handle the situation correctly. The product should not be taken into use unless it can be done in a safe way for the user.

- Check the tire pressure, recommended pressure 25 psi / 1 bar.

OPERATING THE MACHINE

Only people who understand the safety information and instruction manual to operate this equipment or product. Be aware and cautious while working with the equipment or product, and use only the tool or product in the manner described in the instruction manual. When working with equipment that has moving parts there is a risk of crushing. Be careful when working with the equipment with hydraulic hoses since oil under pressure can penetrate the skin. Seek medical attention immediately if this occurs. Always work alone with the tools that are intended for this. Respect equipment danger zone.



- Check that the trailer is intact before connecting it to the vehicle
- Never drive with the rear of the trailer in the tilted position
- Always make sure the trailer is properly attached to the towing vehicle and does not come loose
- Never overfill the trailer, excess load may cause the trailer and towing vehicle to lose traction and slip out of control
- Do not load more than the maximum load of 410 kg
- Fill the trailer only with appropriate load, heavy load could cause the trailer to be difficult to maneuver and the platform difficult to tilt.
- Use only the trailer for its intended use
- Use only approved towing vehicles to tow the trailer with the (Garden Tractor / ATV)
- Always make sure that the combined weight of the towing vehicle and the driver must always be greater than the weight of load.
- DO NOT tow the trailer on public roads. The trailer is not approved for driving on public roads
- Maximum speed when driving 15km / h
- Do not make any sudden turns, it can cause the garden tractor / ATV's wheels to rub against the trailer platform
- Always slow down before turning



Warning!

For safety, this product should only be used in the manner described in this manual. The user is responsible for the instruction to be read through and followed.

AFTER USE

- Make sure the trailer standing on level ground when disconnecting.
- When parking on inclined ground, place block at the wheels before disconnecting.
- To prolong the life of your trailer, do not let it stand outside. Keep it covered.
- Clean, rinse with water and dry your cart.

TRANSPORT AND STORING

Make sure the area is clear of people, children and objects prior to transportation. Always be extra careful during transport and movement. Ensure that the equipment or product is well anchored and that existing transport safety devices are installed. Always place the load as low as possible. Respect the danger zone even in the transport and movement. When lifting, never stand underneath a suspended load. Trailer used to transport should have functioning brakes.

Always keep the tool or product in a dry place, preferably under cover when not in use. Make sure that the equipment or product is stable and not likely to tip over. Never let children play at the storage site. Keep in mind the risk of tipping!

MAINTENANCE AND SERVICE

Make sure the equipment is stable and not likely to tip over during maintenance and service. Disconnect the trailer from the vehicle while the defects are fixed.

Replace damaged and worn parts immediately to reduce the risk of injury. Use only spare parts with equivalent performance to reduce the risk of damage and failure. Perform maintenance, servicing and inspections according to the recommendations.

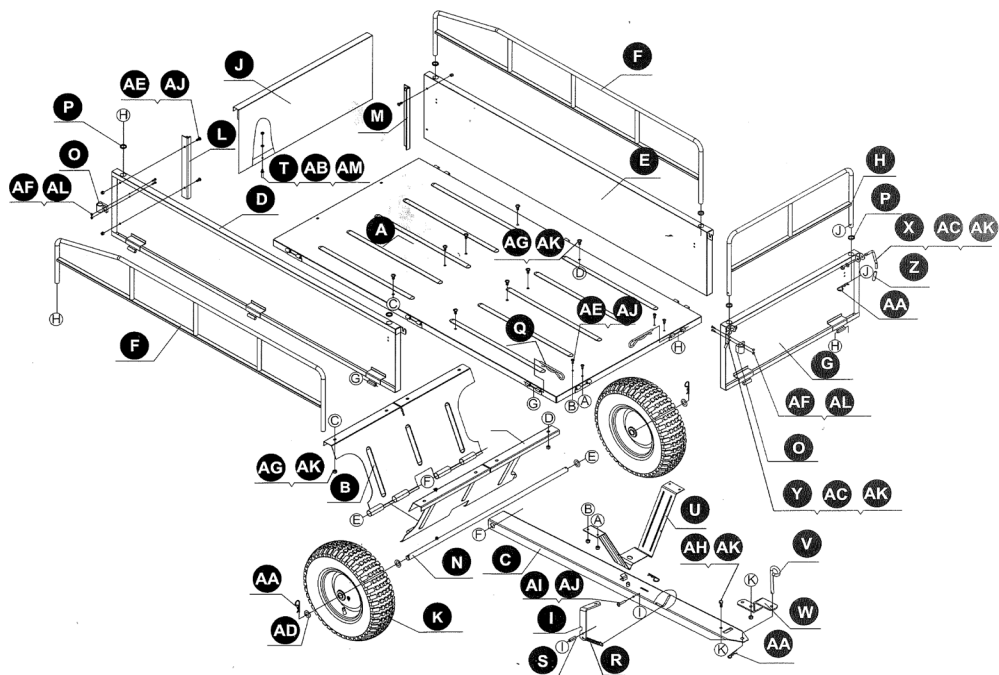
Regularly check the condition of the trailer. Tighten wheel bolts and nuts as necessary. If cracks, twisting, bending, glitches or fatigue is detected, stop using the equipment immediately and repair the equipment. Avoid the use of the tool at lower temperatures than -20°C and higher temperatures than $+30^{\circ}\text{C}$.

- Always check the air pressure of the wheels, the air pressure shall always be about 25 psi (about 1 bar). Never pump wheels more than necessary
- Check the wheel axle and wheel bearings, lubricate them regularly.
- Clean the trailer carefully before storing it especially when it will be stored a longer period. When stored for a long period it is recommended that the vehicle is stored under a roof or covered with tarpaulin.
- Check all bolts and nuts are tightened after maintenance and service.
- Always test the machine before work is started.

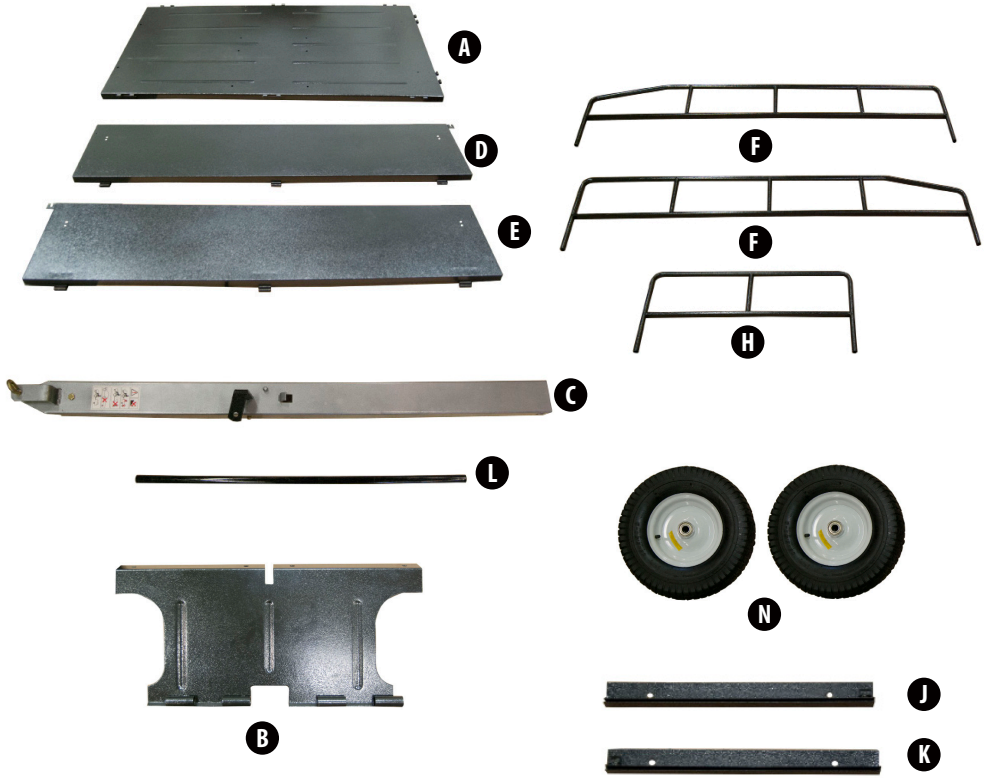


RECYCLING

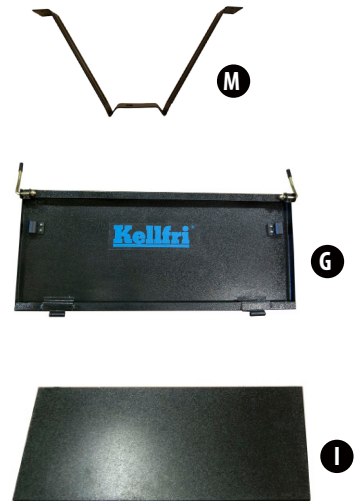
Disposal of the product, the machine should be disassembled and transported to the municipality recycling station. Contact your municipality for further information.

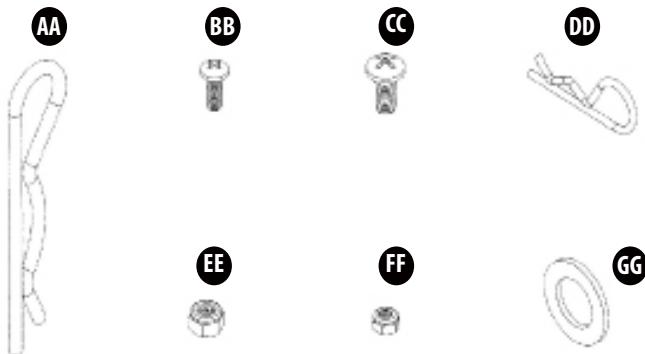


Position	Description	QTY	Position	Description	QTY
A	Bottom plate of the bed	1	U	Platform foot	1
B	Wheel shaft support	2	V	Pin - Hitch	1
C	Tow bar	1	W	Towing bracket	1
D	Sidegate - left	1	X	Handle A	1
E	Sidegate - right	1	Y	Handle B	1
F	Side gate	2	Z	Handle sleeve	2
G	Front door	1	AA	R-pin Ø3	6
H	Front gate	1	AB	Flat Washher Ø6	2
I	Release lever	1	AC	Flat washer Ø8	2
J	Tailgate	1	AD	Flat washer Ø20	4
K	Wheel	2	AE	Bolt M6x16	8
L	Backgate left rail	1	AF	Bolt M4x16	12
M	Backgate right rail	1	AG	Bolt M8x16	8
N	The wheel axle	1	AH	Hex Bolt M8x20	1
O	Clamp	6	AI	Hex Bolt M6x95	1
P	Washer	6	AJ	Nylock nut M6	9
Q	R-pin	8	AK	Nylock nut M8	11
R	Ring pin	1	AL	Nylock nut M4	12
S	Spacer	2	AM	Nut M6	2
T	Pin	2			



Position	Description	QTY
A	Bottom plate of the bed	1
B	The wheel shaft support	2
C	Tow bar	1
D	Dropside - left	1
E	Dropside - right	1
F	Side gate	2
G	front gate	1
H	front door	1
I	Tailgate	1
J	Backgate left rail	1
K	Backgate right rail	1
L	The wheel shaft	1
M	Platform foot	1
N	Wheel	2






ASSEMBLY:

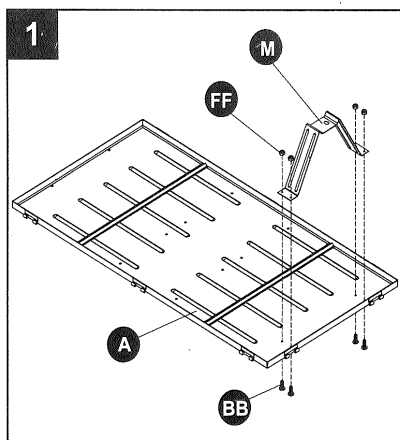
Prepare all parts before assembly, check that none of the parts are missing.

Tools needed for assembly: measuring tape, screwdrivers, 10 mm and 13 mm wrenches

1. Mount platform feet (M) on the platform bottom plate (A), secure with M6x16 (BB) and M6 nylock nut (FF). Do not tighten the bolts yet.

BB M6x16 Bolt  x 4

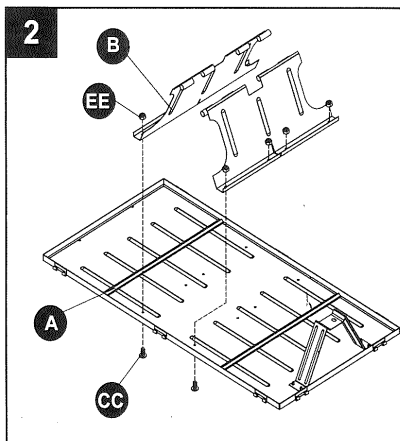
FF M6 Nylock  x 4



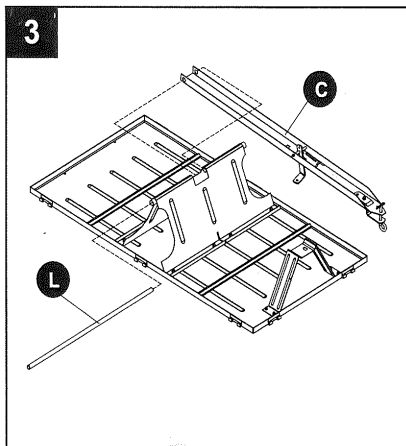
2. Install the support wheel axle 2st (B) on the platform bottom plate (A), secure with M8x16 (CC) and M8 nylock nut (EE). Do not tighten the bolts yet.

CC M8x16 Bolt  x 8

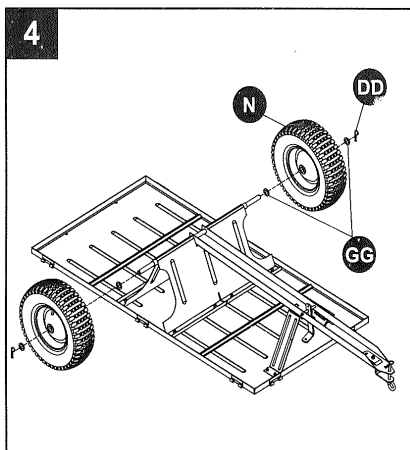
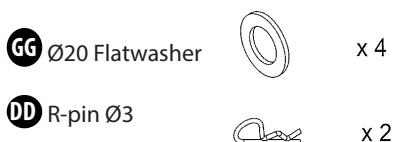
EE M8 Nylock  x 8



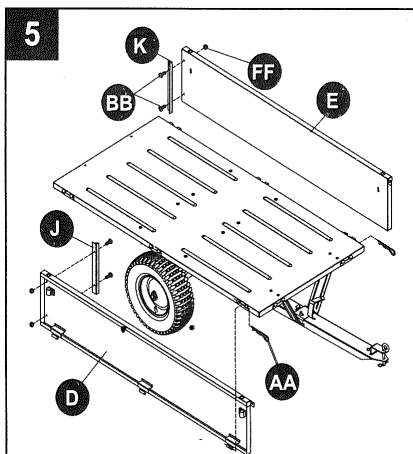
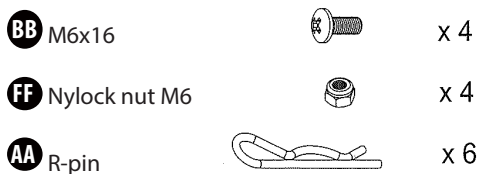
3. Mount tow bar (C) on the wheel shaft support (B). Inserting the wheel shaft through the wheel support (B) and tow bar (C). Tighten all bolts from Step 1-3



4. In the following order, assemble Ø20 flat washer (GG), wheels (N) and the Ø20 flat washer (GG) and secure with R-pin (DD)

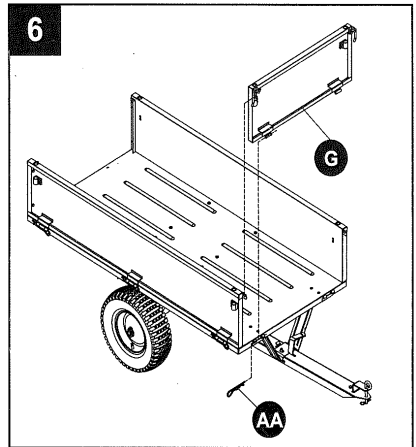


5. Install the rails (J & K) on the back of each dropside (D & E), secure with M6x16 (BB) and nylock nut M6 (FF) on each side.



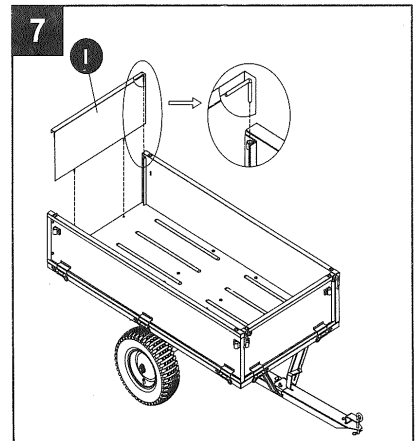
6. Install the front gate (G) on the bottom plate (A) and secure with R-pin (AA). Lock the front gate in place on the left and right sides of the gates (D & E)

AA R-pin  x 2



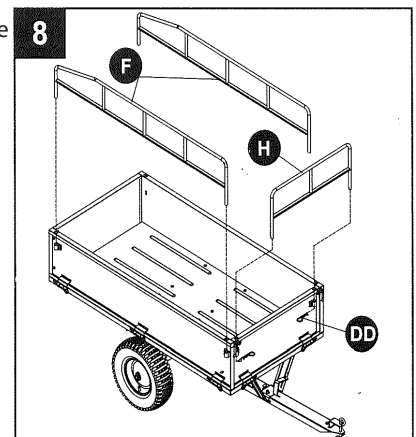
7. Push the tailgate in the rails of the dropsides.

Note: To lock the tailgate in place, the tailgate pins are mounted into the holes on the side gates.



8. Install the side gates (F) on the drop sides . Mount the gate in front (H) secure in place with 2xs R-pin (DD)

DD R-pinØ3  x 2



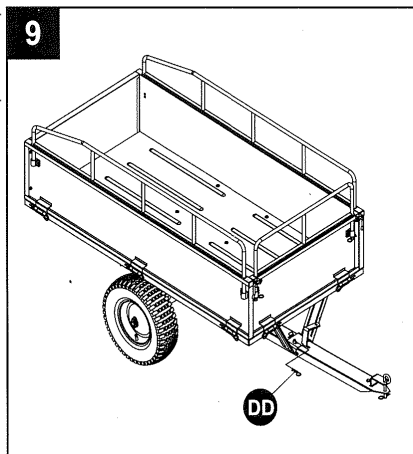
9. The trailer will not tip when the R-pin Ø3 (DD) is mounted on the tow bar

In order to tip the trailer, remove the R-pin from the towing bar and tip it manually by hand.

DD R-pin Ø3



x 1



We are grateful for your help pointing out any inaccuracies in the Kellfri product delivered to you. Before making a complaint read Kellfris general warranty and sales conditions in our catalog as well as the enclosed User's manual that comes with the machine.

Please fill in the details below and attach photo and other information in order to process your request.

Buyer:	Customer number:
Adress:	Invoice number:
E-mail:	Phone nr:

When was the product delivered?	When was the product taken into operation?	Did the product functioned as it should upon the first operation?
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Defect product / part:

Problem description:

Describe the sequence of events:

Other:

Submit Complaint form and photo to:
Kellfri AB
Division of Services : Contact Kellfri retailer
Or e-mail service.
info@kellfri.se

Signature:	Date:
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WARRANTY TERMS AND CONDITIONS

Validity of the warranty - Kelfri's Warranty is valid 12 months from the date of purchase.

This warranty replaces - Compensation for spare parts after acknowledgment that the fault lies on the material or manufacturing defects.

This guarantee do not cover

- Labour costs
- Travel expenses
- Any modification that the buyer himself has/had made.
- Any consequential damages that occurred due to damage to the machine.
- Damage due to normal deterioration of the machine, inadequate: service, user inexperience or use of spare parts which are not original.
- Wear parts such as hoses, seals, oils, and mechanical belts



EG-FÖRSÄKRAN OM MASKINENS ÖVERENSTÄMMELSE, ORIGINAL

EC-DECLARATION OF CONFORMITY

According to 2006/42/EC, Annex 2A

Kelfri AB

Munkatorpsgatan 6

532 37 Skara, Sweden

Declares that the machine

Name: 27-DC

Type: Garden trailer with tow bar

Complies with all applicable provisions of the Machinery Directive 2006/42/EC.
Other equipment must meet the hardware requirements of the Directive.

Tina Baudtler, CEO 2015-09-08

Kelfri AB is constantly working on further developing their products and therefore reserves the right to modify, among other things the design and appearance without further notice.

CUSTOMER SERVICE

You are always welcome to give your feedbacks, reviews or ask us about our tools and products.

Kelfri AB

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