



Kellfri®

26-LW09 BACKHOE DIGGER TRACTOR



CAREFULLY READ THE OPERATING INSTRUCTIONS BEFORE USING THE PRODUCT!

OPERATING INSTRUCTIONS TRANSLATED FROM THE ORIGINAL

INTRODUCTION

Thank you for choosing a product from Kellfri AB. By following the general safety information and the instruction manual and by using common sense, you will have a great and safe use of your Kellfri product for many years. Kellfri designs and delivers effective, affordable machinery and components for forest, agriculture, construction and gardening in Sweden, other Nordic countries and Europe.

PRODUCT INFORMATION

Kellfri's LW09 Backhoe Digger for mounting on standard farm tractors. The backhoe digger is connected using the three-point linkage on a tractor and is operated using a separate hydraulic valve block on the PTO. Powerful hydraulic stabilisers, two cylinders for boom rotation, and serrated bucket, 3-point linkage and driver's seat for external manoeuvring are included as standard. Recommended tractor size 60-100 hp. Fitting the backhoe digger on your tractor gives you an efficient excavator with an excavation depth of 290 cm, the bucket's width is 40 cm.

The product has to be assembled.

TECHNICAL DATA

Dimension	2300 x 1750 x 2800 mm
Weight	575 kg
Max excavation deep	2900 mm
Max excavation diameter	3977 mm
Max excavation height	3900 mm
Max excavation height on plain surface	2760 mm
Turn angle	160 °
Hoe angle	150 °
Work pressure	160 bar
Hydraulic pump	Standard
Hydraulic support legs	Standard
Trench hoe 26-LW-KC800 800/200	Accessories

INTENDED USE:

Only for excavation.



FOR YOUR SAFETY

Before using the product, please read the safety information and instruction manual and understand its contents for your own and others' safety. Always keep the safety information and instruction manual easily accessible to the user of the product. Remember that it may be good for your own and others' safety to read the safety information every now and then. If the instructions manual is damaged or otherwise unusable if the instructions manual is damaged or otherwise unusable, please contact your retailer. For more information visit our website:

<https://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 products.



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.

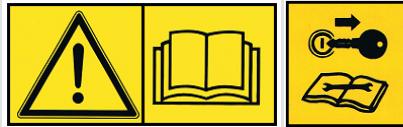
Warning!

PRODUCT SAFETY INFORMATION

- Always read the instructions carefully before using the backhoe!
- Never leave the equipment with the tractor engine running. Turn the engine off when you leave the equipment - even for a short while.
- Always disconnect the equipment before performing service or maintenance work.
- Only you who are operating may be in the vicinity of the machine during work.
- Do not use the equipment without all guards are mounted correctly
- Keep the work area free of bystanders and animals and make sure you always have enough elbow room for the unit.
- Always operate from the driver's seat
- Use the backhoe only for the work it is intended for. Do not use the machine to draw things, as a battering ram or lifting assembly. Do not mount ropes, chains, etc. on the device.
- Never dig too close to the support legs. The ground can collapse underneath the backhoe.
- Never overload the equipment and / or exceed towing capacity.
- When working on slopes, dig with the unit towards the uphill and avoid turning the unit towards the downhill side. Avoid digging on slopes that could cause the towing vehicle to tip over.
- Reduce speed when driving on uneven terrain, slopes or when turning to prevent the towing vehicle to tip over.
- Do not adjust the valve settings. Wrong adjustment may result in damage to the machine and / or injury.
- Upon disembarking from the unit, lower the unit's bucket and support legs to the ground. Turn off the tractor engine, pull the hand brake and remove the ignition key.
- The operator or other person must never be underneath the load
- The equipment must not be parked with the load in the bucket and the bucket high in the air.
- Due to the backhoe is not equipped with a lighting device, use the backhoe on the day.
- For transport by road shall SMV sign be attached to the rig.

WARNING SIGNS AND LABELS

Ensure that warning labels are always visible and clean. Clean the warning labels as required. Do not rinse using pressure washer directly on the warning labels. Any damage/ broken stickers should be replaced. Order new stickers from your supplier.

SYMBOL	EXPLANATION
	Read the operating manual! Before carrying out work Warning! Before maintenance, servicing, connecting and disconnecting the machine, the tractor must be turned off and the ignition key removed.
	Danger zone 200 m
	Warning electric cable! Risk of crushing hands Risk of crushing feet
	WARNING! Risk of crushing! No one should stand behind the tractor during connection and disconnection of the equipment.
	Greasing after 10 hours of operation Always use stabilisers for loading/unloading Retighten all bolts and connections
	Warning! Accident risk for children! Children are not allowed in the vicinity of the machine
	The product is CE marked



Never use faulty safety equipments!

Warning!

INCASE OF 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 wear suitable clothing and footwear. Do not wear loose clothing or jewelry when using the machine. Remember to put up long hair when operating rotating machines. Wear protective gloves, to prevent risking burns on contact with hot surfaces such as exhaust system, and to avoid oil and gasoline on the skin. Hearing protection should be used when the engine is running.



SURROUNDINGS

Make sure your working area is clear from people, children and objects before installing and using the machine. Risk of serious injuries can occur during operation. Take an extra caution when children are in the area where the equipment/ product is being use or stored. Check the area for low hanging electrical wires. Be careful when working on slopes and near ditches. Always work alone with single - purpose tools/products. Never have junk lying in your area. Keep working areas clean. Always respect the risk zone.



Children in the area should be supervised.

DANGER!

SAFETY MEASURES BEFORE OPERATING

Read the safety information and instruction manual carefully. Be sure you understand the safety measures, instruction manual and warning labels. Use common sense when operating the machine and use appropriate personal protective equipment. Always check the performance and the machine combination that are used. It's highly important these matches in a satisfactory manner. This is to ensure the product or the function and most important yours and others safety.

Do visual inspection of equipment or product before use. Fix or replace damaged or 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.



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.

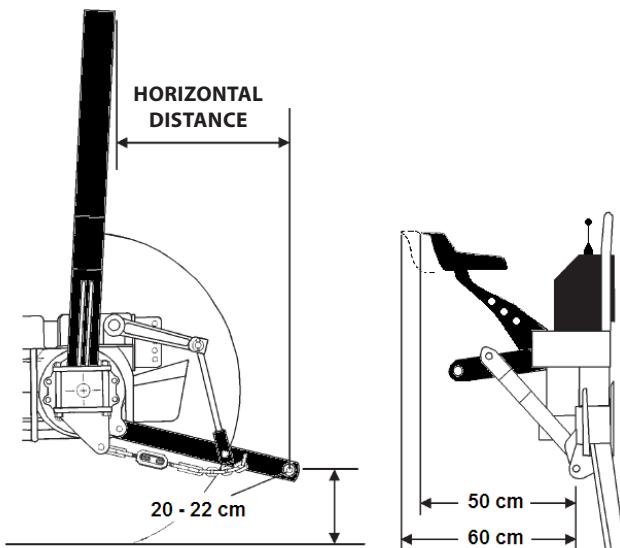
- Ensure that all nuts, bolts and fittings are securely attached, that all packing / shipping supplies such as tape, steel tape, rope, etc. are removed.
- Make sure that the oil level in the engine is correct.
- Ensure that all guards are in place and do not come off before use.
- Check the gear box oil level, refill if necessary (0,2-0,35L)

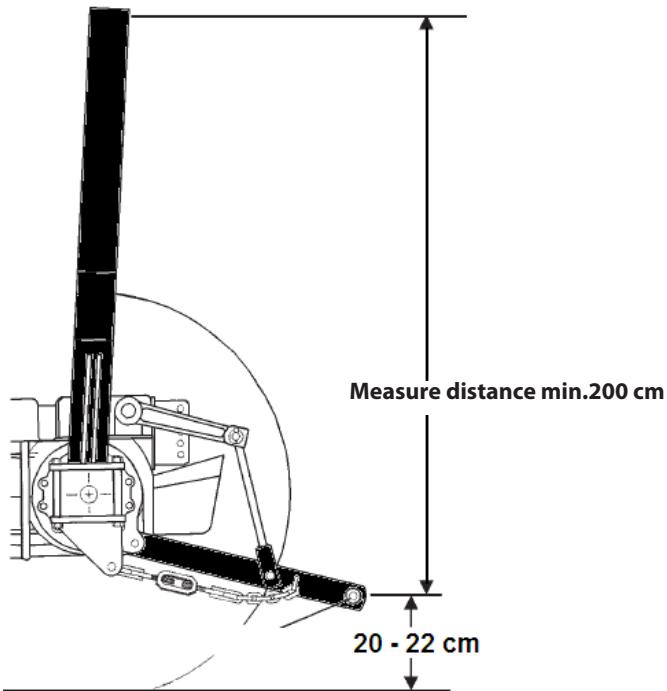
BEFORE CONNECTING THE BACKHOE:

Before connecting the backhoe on the tractor's three point hitch it is important to consider the distance between the tractor and the unit. Proper spacing between tractor and backhoe is important for the operators safety. When mounting, it must be minimum 50 cm horizontal distance (with the seat in the front position) and a minimum of 60 cm (with the seat in the extended position). There must also be a minimum distance of 20 cm between the head of the operator and tractor parts.

1. With the tractor's three point hitch ca. 20-22cm above the ground, measure the horizontal distance between the bottom toggle link and the nearest object which comes into contact with the seat of the backhoe. (E.g. the roll-over protection and the tractor cabin)

2. To check the vertical distance between the tractor and the driver's seat on the unit, ensure that the bottom link of the three-point hitch is about 20-22 cm above the ground. Then measure the distance between the bottom toggle link, and any object that can strike the head of the operator (E.g. The tractor cab or roll-over protection)





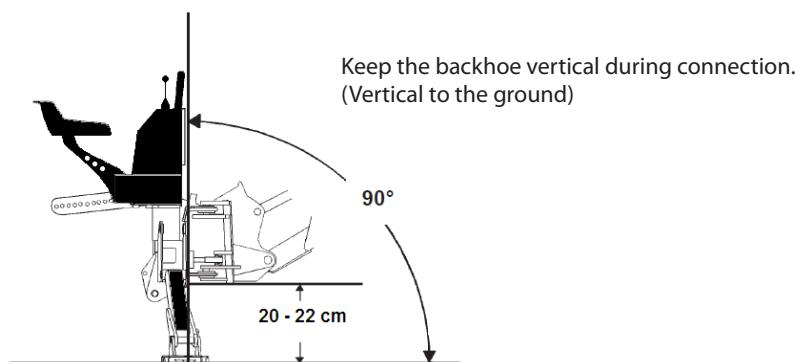
CAUTION! Always read the manual!
The backhoe is connected to the tractor's three-point hitch with roll-over protection and / or cab can be dangerous and can cause serious accidents or even death if not installed, used and maintained correctly. Always use safety pins with the correct size and grade to the three-point strap.

Warning!

CONNECTING:

Ensure that the unit is on a flat, stable surface.

1. For equipment connected to the tractor - follow the correct procedure written on the tractor's operating manual. Carefully reverse tractor to the Hoe. (Reversing the tractor close enough to the connection of the hydraulic unit.)
2. Connect the hydraulic system to the tractor.
3. Start the tractor engine at low RPM. Open the tractor's valve in order to get the backhoe's hydraulic unit going. (check for leakage)
4. Raise the backhoe using the outriggers and boom control levers until the backhoe's main frame is about 20-22cm above the ground. Make sure the unit is in the vertical position (Vertical to the ground), see picture.



5. Reverse the tractor until the lower link of the three-point hitch is in the right position with the left and right assembly holes. NOTE! Be aware of the hydraulic hose and top link's position when reversing the tractor.
6. Mount the unit on the three-point hitch and secure with locking pins.
7. Check all hoses, so that they are not squeezed or touching the ground. Keep hoses away from the operator during operation. Secure that all hoses are in place for the operator's safety and prevent damage



MAKE SURE THERE IS NO OTHER PERSON AROUND WHEN CONNECTING THE BACKHOE! RISK OF CRUSHING!



When connecting the backhoe to the tractor's three-point hitch, it is very important that the pressure rod is well mounted without risk of failure. Make sure there are enough screw threads left on the pressure rod. The backhoe must not be put into service without these factors are met in order to make secure the tractor's three-point hitch. If not, the machine can be dangerous.



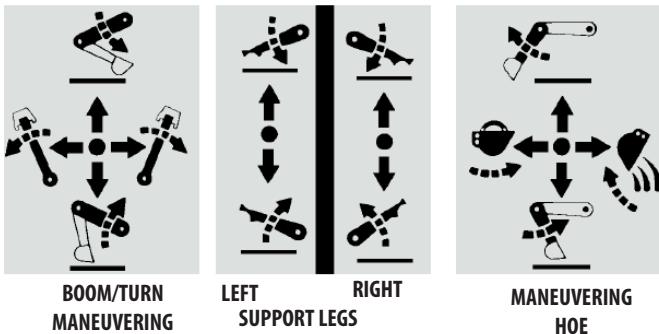
CAUTION! DO NOT ATTEMPT TO LIFT THE UNIT BY USING THE THREE-POINT HITCH!
This effect can damage the hydraulic system!

Warning!

OPERATING THE MACHINE

Only people who understand the safety information and instructions in this manual may operate the equipment. Be alert and careful when working with the machine and only use the tool or product in the manner described in this manual. When working with equipment that has moving parts, there is always the risk of injury. Be careful when working with equipment equipped with hydraulic hoses ,oil under pressure can penetrate the skin. Seek medical attention immediately if this occurs. Always work alone with the tools that are defined as single purpose tools. Respect the equipment's danger zone.

The backhoe has four maneuvering levers. Two are for the outriggers and the other two are for swinging the arm and maneuvering the bucket. Read the safety precaution in the manual before using the machine. Remember: Left and Right are determined by the position of the operator when sitting on the backhoe and steering toward the bucket.



SUPPORT LEGS: By moving the levers forward the outriggers will go "DOWN" and by moving the levers back will bring the outriggers "up". Both outriggers should be in down position to stabilize the backhoe during operation.

BOOM / SWING: Move the lever forward to "LOWER" the arm. Full forward with the lever is "FLOAT POSITION". If the lever is pulled back the lever will "BE LIFTED". Pull the lever to the left to make the swinging arm go "left" and pull the lever to the right to make the swinging arm go to the "RIGHT".

BUCKET CONTROLS: Move the lever forward to bring the arm "OUT" away from the operator. Move the lever backwards to bring the arm "IN" back to the operator.

Move the lever left to scoop or turn the bucket (inward). Move the lever to the right to "tip" the bucket(outward).

OPERATING

When using the backhoe, one should always strive for more flexible maneuvering. Flexibility is gained by learning and mastering the operation of the levers.

Operate the machine only when seated at the control levers. Any other method can cause injury or death.

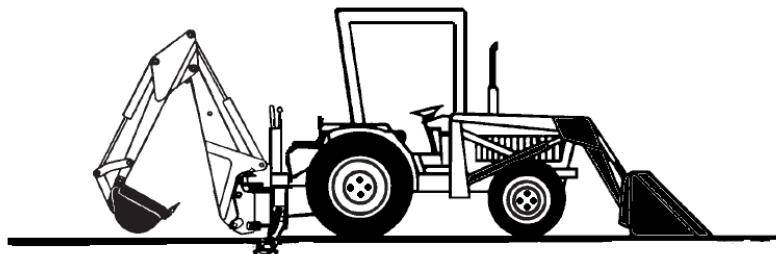
Never drive the tractor when someone is sitting on the backhoe!

Check area of operation for foreign objects before using the machine. Dig carefully in the area where objects are expected to be. If you feel that the bucket came in contact with an object, stop the machine and stop digging immediately.

BEFORE OPERATING

Before digging, it is good to plan the work. There are certain things one must take into account. The operator should inspect the area of operation and control potential hazards in the area. The operator should have a complete understanding of the work that will be performed.

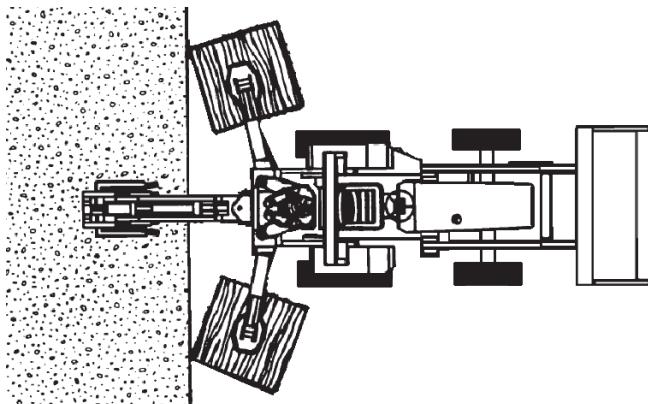
Having familiarized with the work, it is time to plan the digging. Position the backhoe in a way you do not need to reposition the machine throughout the digging and to maximize the efficiency of the machine.



DO NOT USE THE BACKHOE IF THE OUTRIGGERS DO NOT HAVE CONTACT WITH THE GROUND!

DO NOT USE THE BACKHOE IF THERE IS A LEAKAGE. IT CAN LEAD TO THE HYDRAULIC PRESSURE SUDDENLY DISAPPEAR WITH THE RISK OF MACHINE DAMAGE OR PERSONAL INJURY!

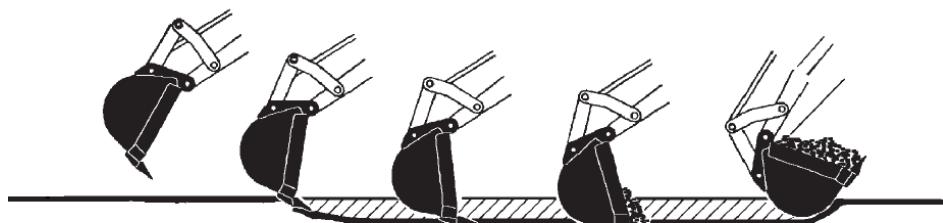
When the backhoe is in position, lower the support legs to the ground. The tractor wheels must still support most of the weight of the vehicle because the backhoe's legs only works as a support to stabilize the unit and prevents it from moving or bounce during operation. If the tractor is equipped with front loader, it must be lowered to the ground. For work on fragile surfaces such as concrete, rocky ground, sandy or loose soil, put a plywood boards beneath the support legs to widen out the weight on a larger surface.



BASIC DIGGING METHODS

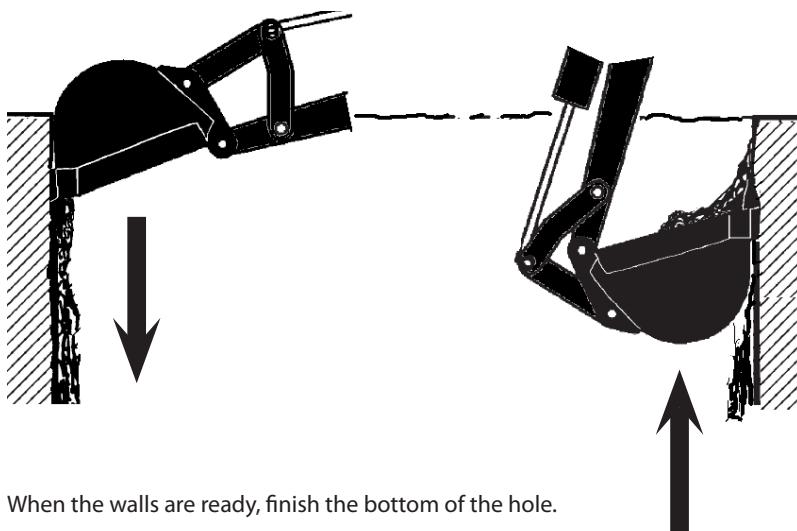
When you start digging, always start the first cut thoroughly and be sure to follow the contour. The reason for this is to minimize the damage on the ground and the bucket. The first cut is also important because this will serve as a template for the remaining cut, following the first cut carefully will make future digging more precise.

WORKING DIRECTION



During digging with the backhoe, extend the arm away from the operator. Lower the arm and the bucket and start digging. The bucket's teeth should be 30° to 45° towards the ground. When the digging begins, bend the bucket until the teeth are horizontal to the ground. Pull the bucket toward the operator and operate with the lever to hold the bucket at the right level. While the bucket moves towards the operator, adjust the arm to maintain an even cutting level. At the end of the digging cycle, bend the bucket completely inwards while lifting the arm from the excavation. Turn the arm to the side and tip the bucket's contents on the place you want it to be. Start tipping the bucket before approaching the pile. When the bucket is empty, turn back the arm and position the bucket for the next digging process. The entire digging process should be smooth until the excavation is complete.

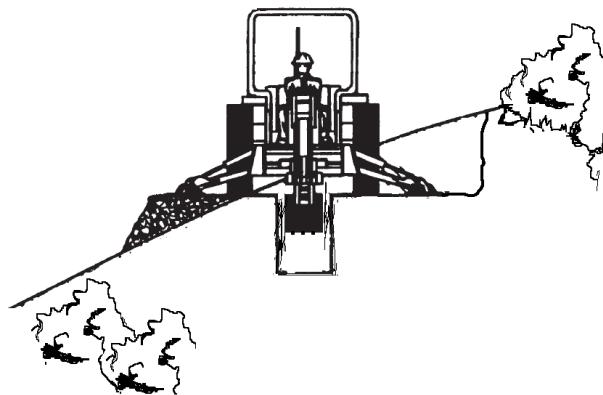
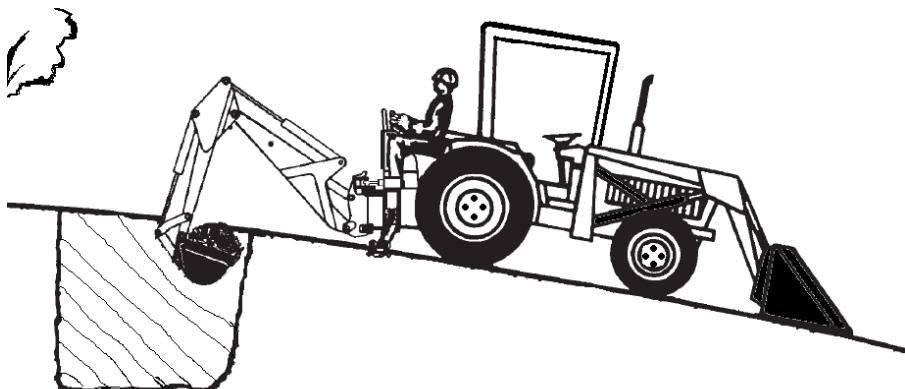
When the digging is almost finished, at about 15 cm remaining to dig. Clear and press the sides of the excavated hole. Use the flat side of the bucket to scrape any high spots. Clear stones that stand out if they seem to be loose. To finish walls, dig the far wall by bending the bucket outward and lower the arm downward. To finish the nearest wall, bend the bucket inwards and lift the arm upward.



When the walls are ready, finish the bottom of the hole.

DIGGING ON SLOPES

For digging on slopes, always set the backhoe, when possible, against uphill. It may be necessary to dig a flat area of the hill where you can set the backhoe while digging on the slope, put the excavated soil downhill, when digging the hole put excavated soil uphill.



Due to a hydraulic system is never 100% tight, a hydraulic system control should be performed before the equipment is operated. Leakage can occur due to internal leakage in the tractor's valve, internal leakage in the equipment's hydraulic cylinder etc. Check the extent of the leak by running the equipment's cylinder in end position and keep up the pressure for 1 min. If the cylinder begins to "wander" in the other direction then there is a leakage in the gasket. Gasket or cylinder must be replaced.

Always work alone with equipment that is made for working alone. Never overload the equipment and respect its risk zone.

AFTER USE

Parking is not allowed with the cargo above ground, but is done with the equipment resting on the ground. Rinse the tool with water if necessary.

TRANSPORT AND STORING

Make sure there are no people, children and foreign objects around the area before transporting the machine. Always take an extra caution during the transport. Ensure that the product is well secured and that transport brackets are mounted. Always place the load as low as possible. Respect the danger zone even during transport. When lifting the equipment, never go underneath suspended loads. Trailer used for transport should have working brakes.

Always store the machine in a dry place preferably underneath a cover when not in use. Ensure that the product is stable and not likely to tip over. Never let children play where the machine is being stored. Always keep in mind the risk of tipping!

TRANSPORT

- Before transportation; ensure that the arm and the swing arm is locked to prevent uncontrolled movements. Raise the boom and bucket to transport position. Mount the transport safety devices. Raise the support legs.
- Drive slowly on uneven terrain, do not drive too close to slopes and pits.

STORAGE

Before storage, ensure that the machine is clean, wash away all the dirt from the backhoe. Lubricate the exposed cylinder rods. Lubricate all the joints, make sure that the hydraulic system is sealed against contamination. When storing, place the machine in a dry place and cover it if possible.

AT NEXT USE:

- Clean the machine to help detect damage
- Check all hoses and couplings before connecting the unit to the power outlet. Check for leaks after the connection.
- Check joints so that they have sufficient lubrication for smoother work,
- Check and tighten bolts if necessary.



DANGER!

Be careful when working with equipment that has hydraulic hoses because the oil under pressure can penetrate the skin. Never use the hands when searching for leakages. Use a piece of cardboard.

MAINTENANCE AND SERVICE

Ensure that the unit is stable and cannot tip over during maintenance and service. Replace damaged or worn parts immediately to reduce the risk of abrasion. Always perform maintenance, service and inspection, as recommended. Use only original replacement parts or spare parts with equivalent performance to reduce the risk of damage. All repairs and connections with electricity must be performed by a qualified person.

Check all nuts and bolts are tightened after performing maintenance and service.

Always test the machine before using it.

- Regularly check the condition of the machine before a crash is a fact. If cracks, twisting, bending, glitches or exhaustion are discovered then stop work and fix the problem.
- Tighten all screws and nuts after a few hours of work, and after that every day when working with the machine.
- Disconnect the equipment from the towing vehicle when any malfunction being repaired.
- Never perform reparation of the hydarulic system without first ensuring that there is no pressure in the system.
- Never work underneath suspended loads.
- Check all bolts and nuts are tightened after maintenance and service. Always test the machine before work is started.
- Turn off the tractor and move the hydraulic levers in every direction to release pressure that may be present in the oil hoses and tubes before work with them or the hydraulic cylinders is started.
- Clean the filter in the suction line after 10 hours of work.
- Check all parts for wear and tighten bolts, nuts or screws, if necessary.
- Immediately replace hydraulic hoses if cracks or wear occurs.
- Check that the hoses do not touch sharp edges, correct if necessary.
- Lubricate all nipples before and after each use.
- If leaks occur, retightened the leaking joints. Do not tighten the couplings more than needed. In case of overload they may be destroyed.

Regular maintenance is the key to long life of the machine and safe operation. It is important that the maintenance function is made and followed.

EVERY 8 HOUR OF OPERATION:

WARNING: The tractor engine must be switched off BEFORE LUBRICATION IS IMPLEMENTED
Lubricate moving parts carefully (arm and the end of all cylinders). Unnecessary wear and mechanical damage may be a result from insufficient lubrication. Use the universal lubricant.

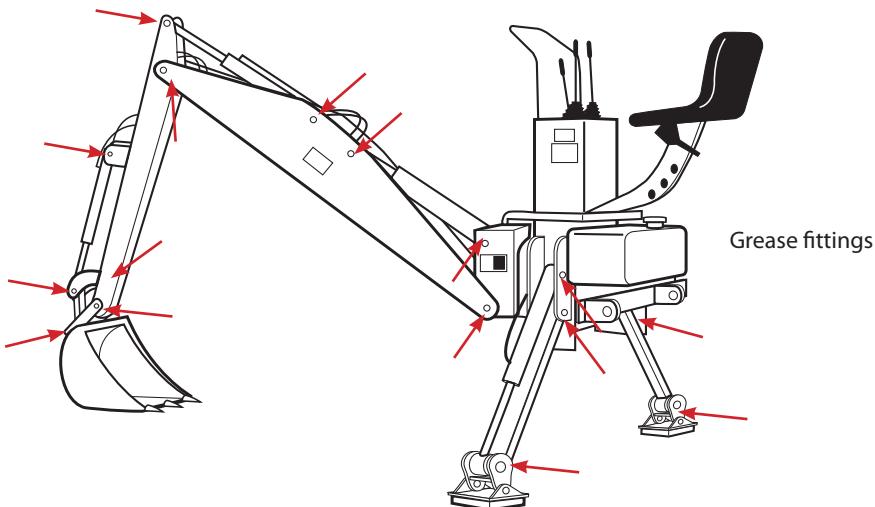
IMPORTANT! Avoid lubricate too much. Dirt is collected in exposed fat and leads to increased wear. After greasing, wipe off excess grease from the fittings.

EVERY 40 HOUR OF OPERATION:

Check Hydraulic oil level. If the oil level is low, check for leaks in the hydraulic system.

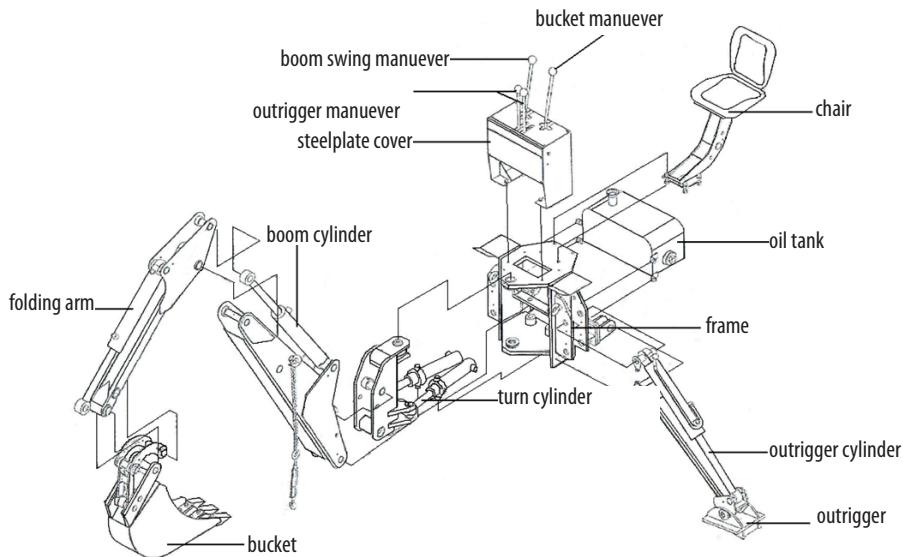
IMPORTANT! Checking the oil level should be done with the backhoe in transport position. Check for wear on all pins, bushings, cotter pins, bolts, nuts, etc. tighten all bolts and replace if necessary.

ERROR	REASON	MEASURE
The backhoe arm can not lift or swing	<ul style="list-style-type: none"> • Low oil level • Turn speed control valve is closed or not properly connected • broken hydraulic hose • Arm joint is blocked • Broken / bad cylinder 	<ul style="list-style-type: none"> • Refill oil • Open / connect valve • Check for leaks in the system • Remove objects blocking the joint • Replace cylinder
The backhoe lifts / swings slowly	<ul style="list-style-type: none"> • The oil is cold • Tractor speed too low • Leaking cylinders • Dirty filter • Congestion / broken valve 	<ul style="list-style-type: none"> • Wait until the oil comes up to the right temperature • Increase speed • Replace cylinder gaskets • Clear or replace • Check the valves and replace if necessary
The oil gets overheated	<ul style="list-style-type: none"> • Dirty oil • The inlet filter is clogged • Safety valve is incorrectly set. • Engine runs too fast. • Bad driving, causes excessive oil flow on the valves. • broken oil pipeline. • Wrong type of oil in hot weather 	<ul style="list-style-type: none"> • Change the oil and oil filter • Cleaning the filter element • adjust the valve • Decrease the speed • Learn correct and smooth driving • Replace broken wires • Use the recommended oil



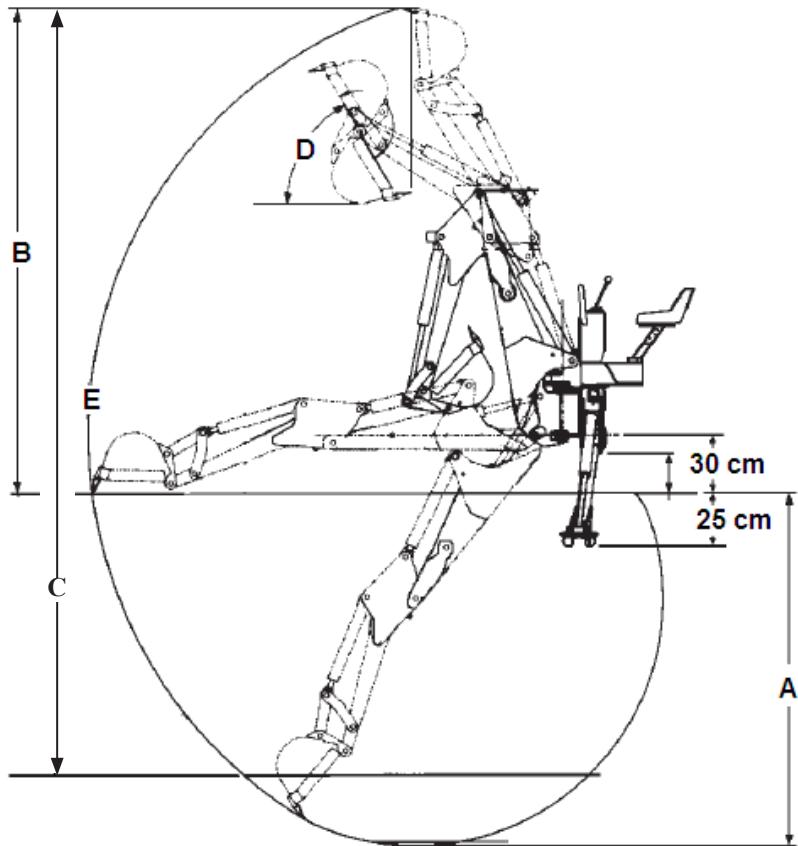
RECYCLING

Disposal of the product, disassemble and transport to the municipality's recycling station. Contact your local authority for further information



Art. NO.	Name
R26-LW09.001	Folding arm
R26-LW09.002	Turn cylinder
R26-LW09.003	Hydraulic oil tank
R26-LW09.004	Cylinder support leg
R26-LW09.005	Boom
R26-LW09.006	Hydraulic hose boom cylinder
R26-LW09.007	Cylinder folding arm - bucket
R26-LW09.008	Support foot
R26-LW09.009	Chair
R26-LW09.010	Boom cylinder

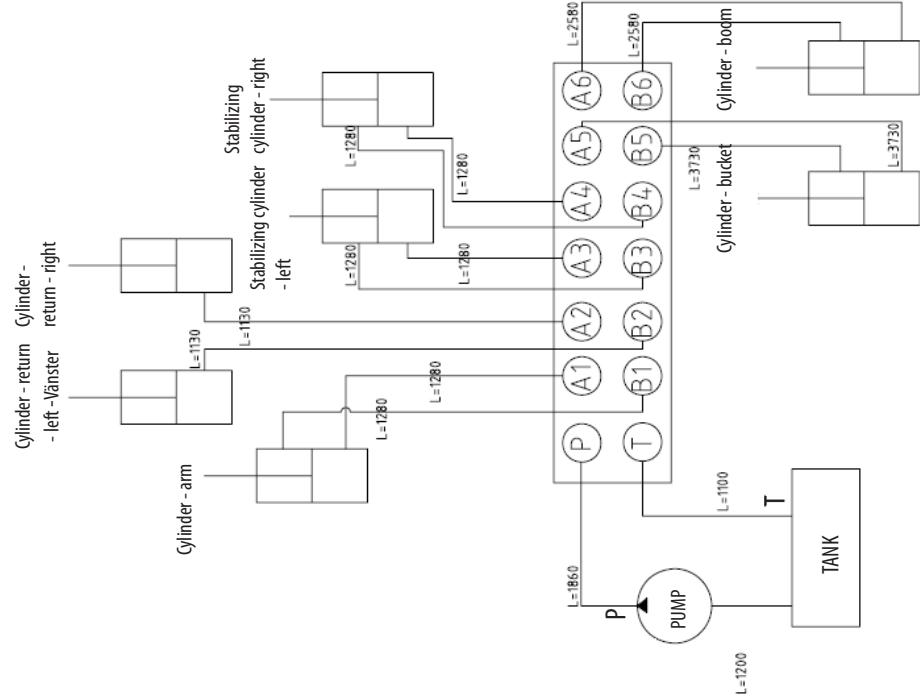
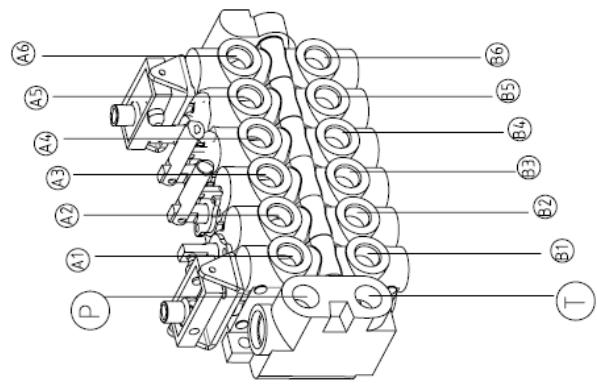
Art. NO.	Name
R26-LW09.011	Bushing,spec.Bronze $\varnothing 35/45/55$ l=20/14,4.
R26-LW09.012	Drive sleeve power output - pump $\varnothing 15,5$ l=125.
R26-LW09.013	Dig tooth l=180 br.44 H.35Mm.
R26-LW09.014	Hydraulic pump.
R26-LW09.015	Gear box for hydraulic pump.
R26-LW09.016	Valve for backhoe 60-100hp
R26-LW09.017	Bucket
26-LW-KC800	Trench bucket Br.800/200 mm
R26-LW09.018	Filter for backhoe 60-100hp



A	maximum dig depth	2900 mm
B	maximum dig height on plain ground	2760 mm
C	maximum dig height	3900 mm
D	Bucket turn angle	150°
E	turn angle	160°
F	Dig ø	2900 mm

Hydraulic diagram - Backhoe

POSITION	LENGTH(mm)	AMOUNT
Cylinder - bucket	3778	2
Cylinder - boom	2580	2
Cylinder - arm	1280	2
Stabilizing cylinder	1280	4
Cylinder - return	1130	2
Pressure hose	1860	2
Hydraulic hose - tank	1100	1
Hydraulic hose - pump	1200	1

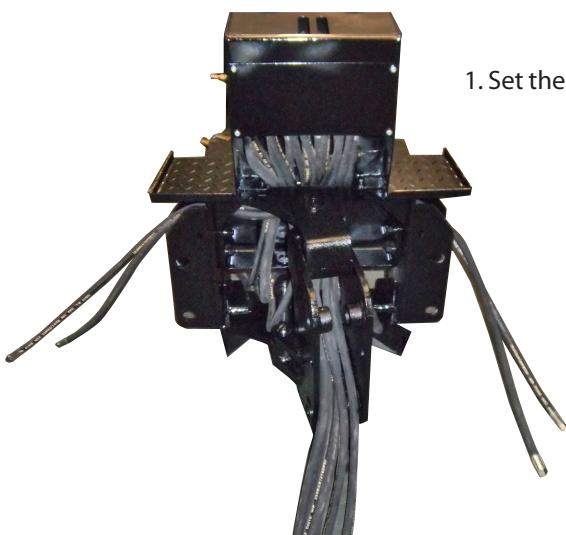


ASSEMBLY INSTRUCTIONS 26-LW09



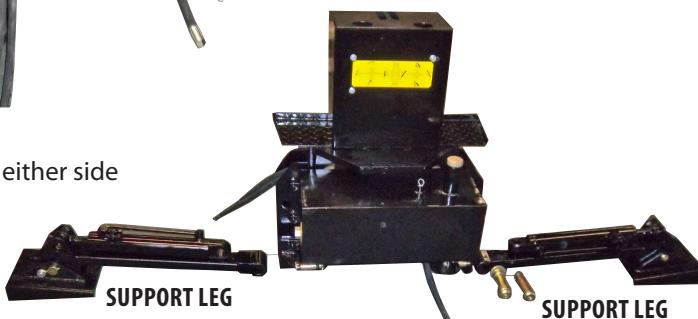
- Installation of the backhoe shall be carried out by at least two persons due to its weight.
- Plug the hydraulic hoses according to the hydraulic diagram.
- Check and tighten all bolts and nuts after the assembly.
- Lubricate moving parts before use.

FRONT

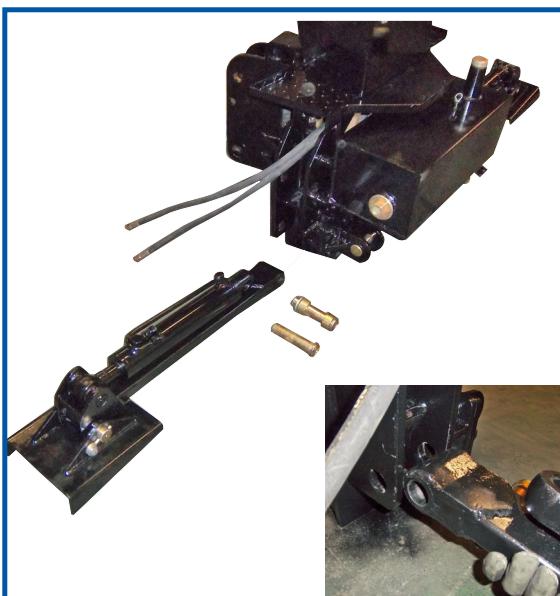
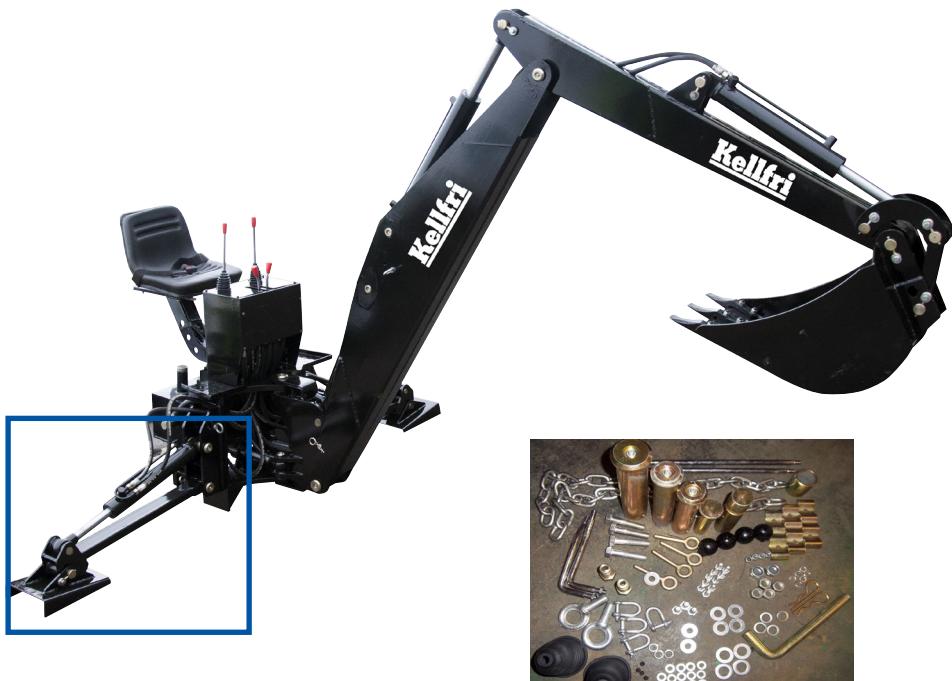


1. Set the backhoe main unit on a flat surface.

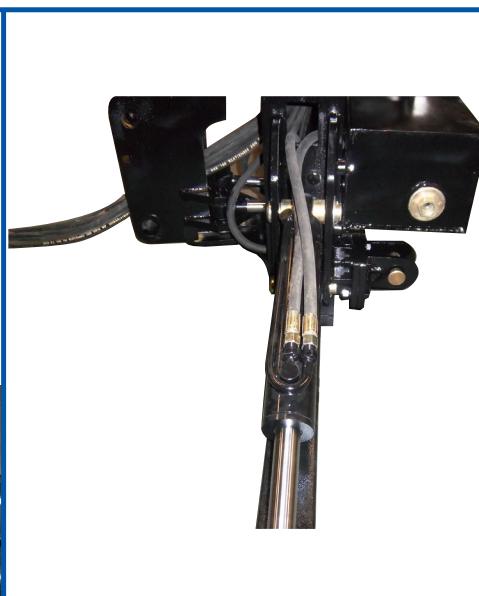
BACK



2. Place the support legs on either side of the unit for installation.



3. Attach the support legs on the backhoe and then secure with pins.



4. Connect hydraulic hoses to the support leg cylinder. Tighten the couplings.



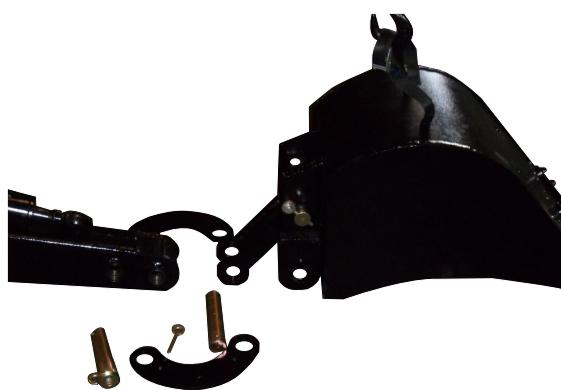
5. Install the lift arm on the unit, secure with pins.
6. Pull the hoses through the holes on the lift arm.
7. Use firmers for attaching the hoses in place.



8. Mount the folding arm on the lift arm.



9. Install cylinder for the lift arm and connect the hoses.



10. MOUNTING THE BUCKET ON THE FOLDING ARM.

1. Mount the H-bracket to the bucket.
2. Connect the bucket to the folding arm with help from brackets (crescent-irons). Secure with pins, tighten the bolts. NOTE! Be careful when installing the bucket, lift with the help of lift device.



Mount the hydraulic hoses to the pump and gearbox. The unit is then mounted on the tractor's PTO.



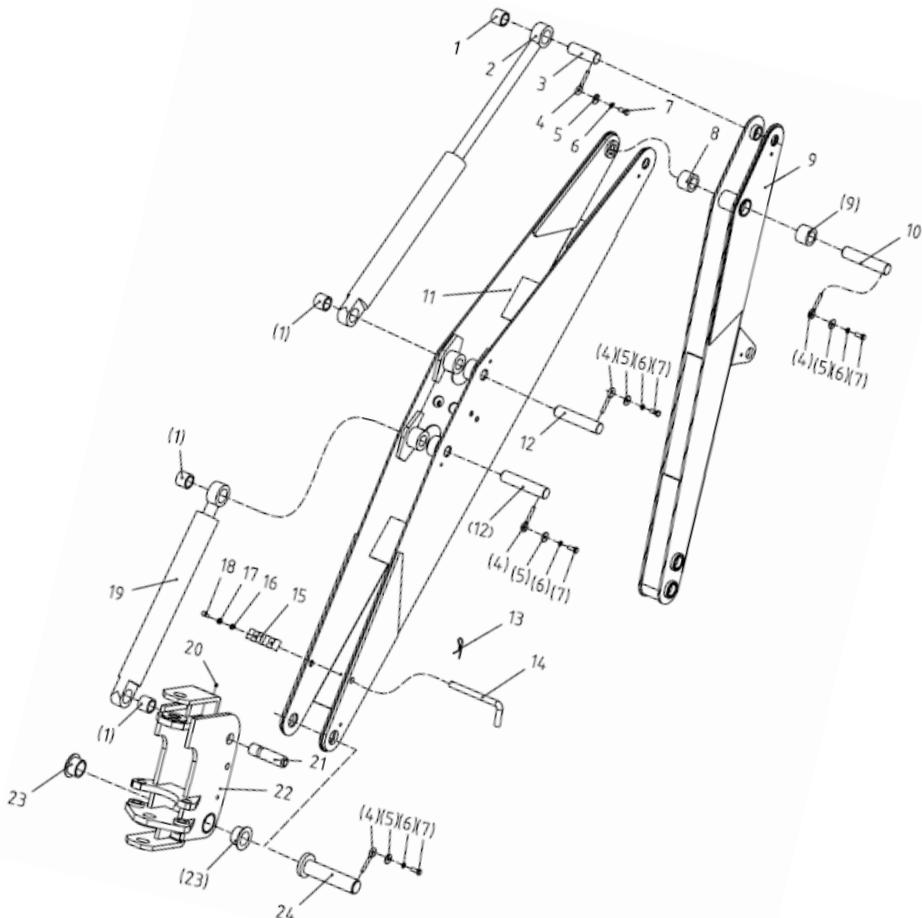
11. Install the control levers on the backhoe, short levers should be mounted in the middle.



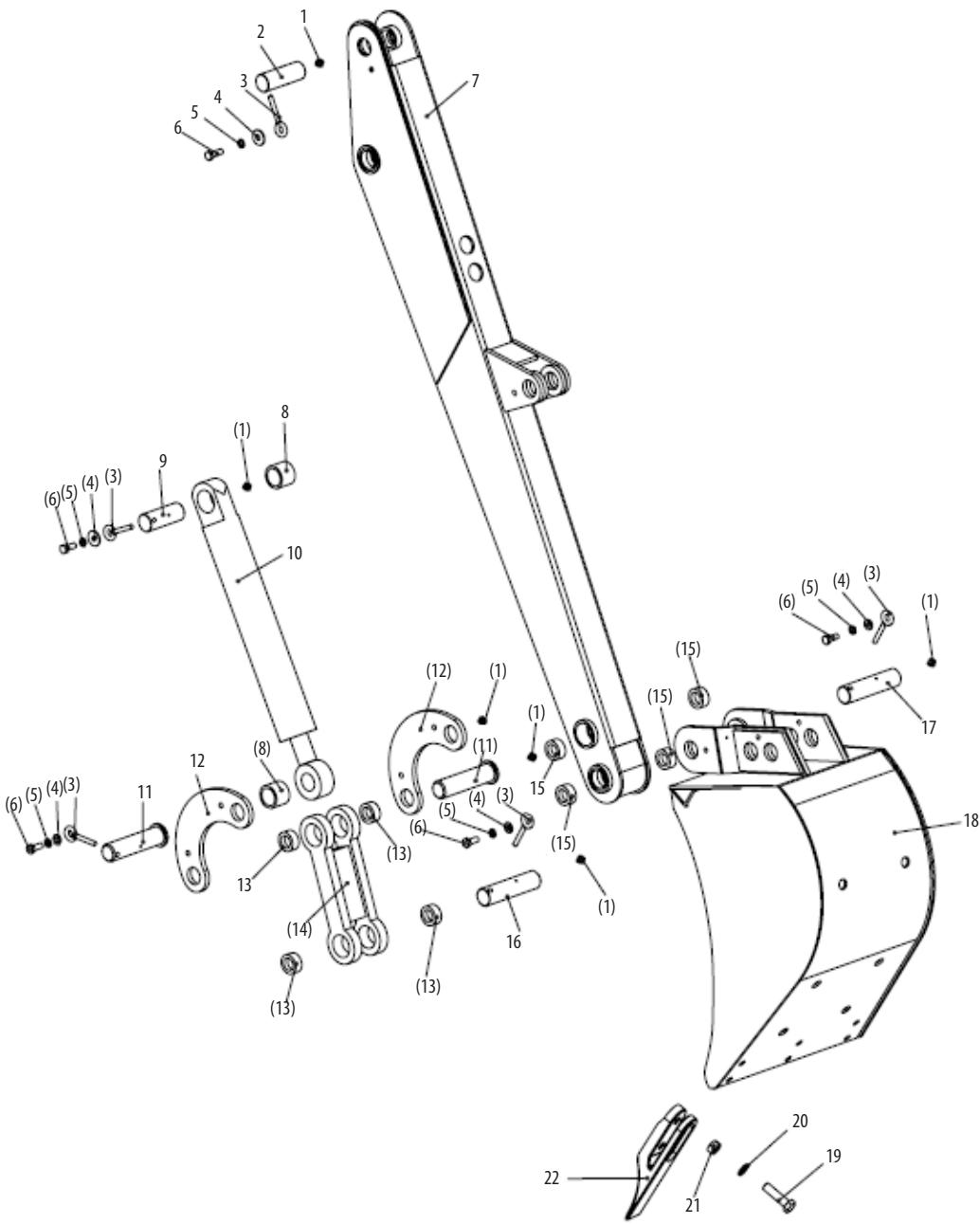
12. Do not forget to attach the protective arch over the levers. (not visible in photo)



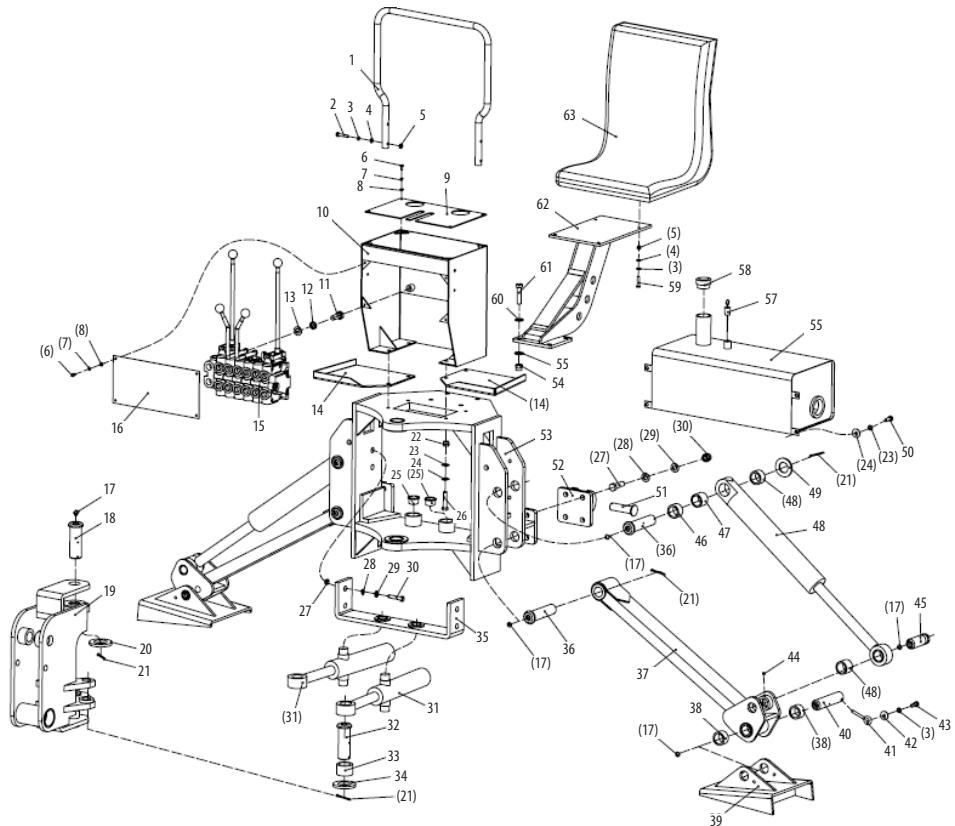
13. Fasten the rails on the seat bracket on the backhoe. Pull forth the brackets under the seat and then install the seat on the rails.



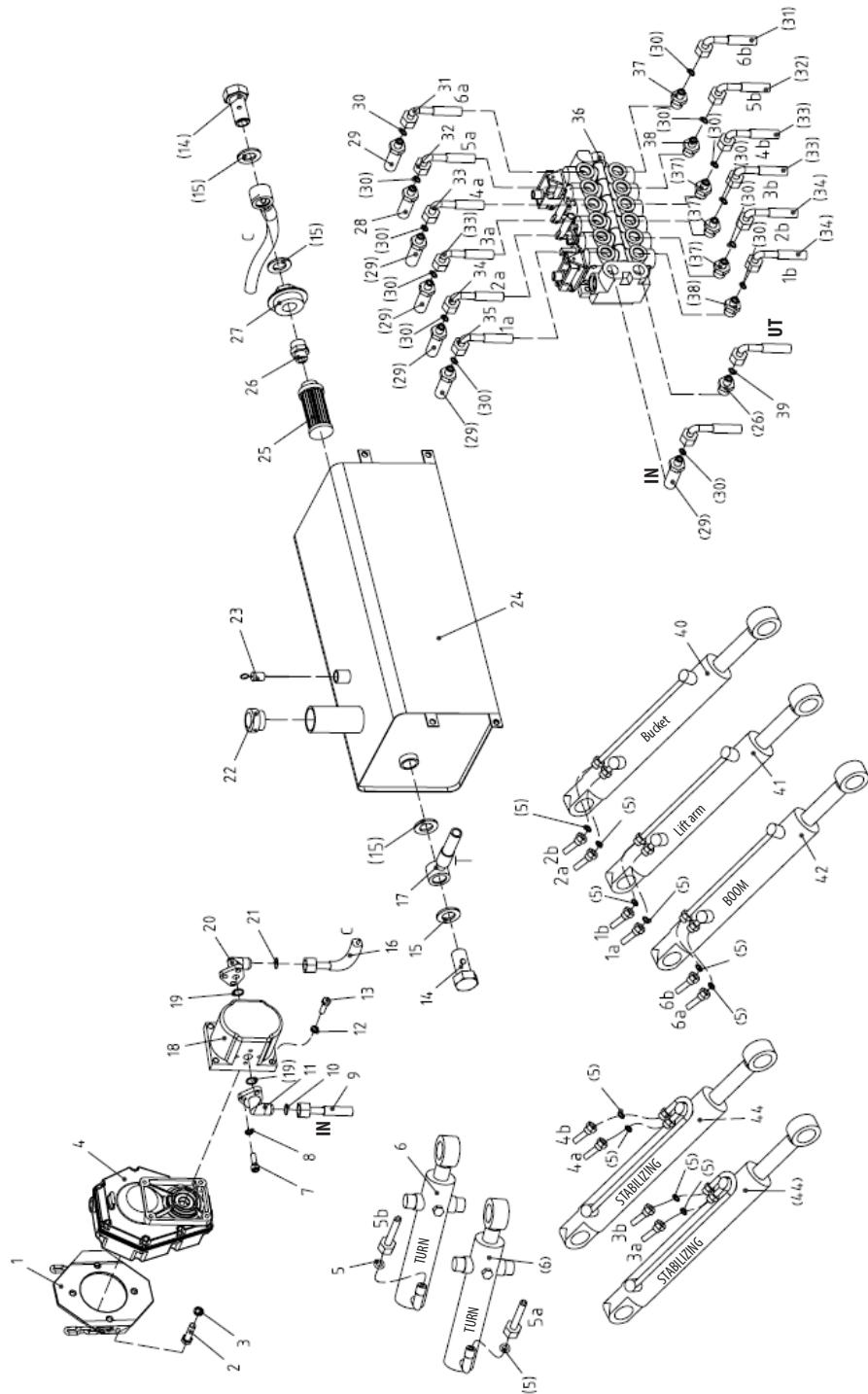
NR.	NAME	AMOUNT	NR.	NAME	AMOUNT
1	Cylinder bushing Ø35xØ45x35	8	13	R-pin	1
2	Cylinder - lift arm	1	14	L-stick	1
3	Cylinder pin - lift arm	1	15	Hose bracket	3
4	Bolt	12	16	Disc Ø8	6
5	Disc Ø8	12	17	Spring disc Ø8	6
6	Spring disc Ø8	12	18	Bolt M8 x 25	6
7	Bolt M8x25	12	19	Boom cylinder	1
8	Bushing	6	20	Six edge bolt M8 x 25	1
9	Lift arm	1	21	Cylinder stick - Boom	1
10	Pin - Boom II	1	22	Swing arm - bracket	1
11	Boom	1	23	Swing arm - bushing	1
12	Cylinder pin - Boom II	1	24	Pin - Boom I	



NR.	NAME	AMOUNT
1	Lubrication nipple M10	6
2	Cylinder pin	1
3	Pin	6
4	Disc	6
5	Spring disc Ø10	6
6	Bolt M10x25	6
7	Arm	1
8	Bushing Ø35x Ø45x35	2
9	Cylinder pin - bucket II	1
10	Cylinder - bucket	1
11	Cylinder pin - bucket I	1
12	Disc - Crescent	2
13	Bushing	4
14	Connection bracket	1
15	Bushing - arm	6
16	Pin - Bucket I	1
17	Pin - Bucket II	1
18	Bucket	1
19	Nut M12x1,25x45	6
20	Spring disc Ø12	6
21	Lock nut M12	6
22	Tooth - bucket	3



NR.	NAME	AMOUNT	NR.	NAME	AMOUNT
1	Handle	1	33	Bushing - turn cylinder	2
2	Bolt M8x40	4	34	Disc Ø30	2
3	Spring disc Ø8	10	35	Bracket - turn cylinder	1
4	Disc Ø8	8	36	Connecting stick - stabilizing cylinder.	4
5	Nut M8	8	37	Support leg	2
6	Six edge bolt M6 x 10	8	38	Bushing - Support leg	4
7	Spring disc Ø6	8	39	Support leg - foot	2
8	Disc Ø6	8	40	Pin - stabilizing cylinder	2
9	Lid	1	41	Bult	2
10	Console	1	42	Disc Ø8	6
11	Bolt M10x1,25x50	1	43	Bolt M8x25	6
12	Spring disc Ø 10	7	44	Six edge bolt M8x10	2
13	Disc Ø10	7	45	Pin - Support leg	2
14	Foot support - plate	2	46	Bushing	2
15	Valve package	1	47	Bushing cylinder Ø35x Ø45x35	6
16	Lid - front	1	48	Stabilizing cylinder	2
17	Lubrication nipple	12	49	Disc Ø36	2
18	Stick	2	50	Bolt M10x20	4
19	Swing arm bracket	1	51	Pin - suspension	2
20	Disc Ø 40	2	52	Bracket - left	1
21	Scissors sticks 4x50	8	53	Frame	1
22	Nut M10	4	54	Nut M14	4
23	Disc Ø10	8	55	Disc Ø14	4
24	Spring disc Ø10	8	56	Tank	1
25	Bushing	2	57	Oil stick	1
26	Bolt M10x50	4	58	Tank lid	1
27	Nut M16	8	59	Bolt M8x30	4
28	Disc Ø16	8	60	Disc Ø14	4
29	Spring disc Ø16	8	61	Bolt M14x60	4
30	Bolt M16x45	8	62	Console - chair	1
31	Turn cylinder	2	63	Chair	1
32	Pin - turn cylinder	2			



NR.	NAME	AMOUNT	NR.	NAME	AMOUNT
1	Connection disc	1	23	Oil stick	1
2	Bolt M10x 25	4	24	Tank	1
3	Disc Ø 10	4	25	Oil filter	1
4	Gear box	1	26	Filter holder	2
5	O-ring 10x2	14	27	Lid - oil tight	1
6	Turn cylinder	2	28	Valve coupling with throttling	3
7	Bolt M8x20	6	29	Valve coupling	4
8	Spring disc Ø10	6	30	O-ring 8x2	13
9	Hydraulic pressure hose	1	31	Hydraulic hose- boom cylinder	2
10	Cutting ring C12x2	1	32	Hydraulic hose - turn cylinder	2
11	Hydraulic coupling - Pressure OUT	1	33	Hydraulic hose - turn cylinder	4
12	Spring disc Ø8	4	34	Hydraulic hose - bucket	2
13	Bolt M8x30	4	35	Hydraulic hose - lift arm	2
14	Banjo bolt	2	36	Valve package	1
15	Disc	4	37	Hydraulic coupling	4
16	Hydraulic hose III	1	38	Valve coupling with throttling	2
17	Hydraulic hose II	1	39	O-ring 16*2	1
18	Cogwheel pump	1	40	Cylinder - bucket	1
19	Cutting ring C19,5 x 1,7	2	41	Cylinder - lift arm	1
20	Hydraulic coupling - Pressure IN	1	42	Cylinder- boom	1
21	Cutting ring C19,5x2	1	43	Cylinder- stabilizing	2
22	Tank lid	1			

WARRANTY TERMS AND CONDITIONS

Validity of the warranty - Kellfri'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 does not cover

- Labour costs
- Travel expenses
- Any modification that the buyer himself has/had made.
- Any consequential damages that occurred out of 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-FÖRSÄKRAM OM MASKINENS ÖVERENSTÄMELSE, ORIGINAL

EC-DECLARATION OF CONFORMITY

According to 2006/42/EC, Annex 2A

Kellfri AB

Munkatorpsgatan 6
532 37 Skara, Sweden

Declares that the machine

Name: 26-LW09

Type: Backhoe digger tractor

Complies with all applicable provisions of the Machinery Directive 2006/42/EC.

Other equipment must meet the hardware requirements of the Directive.



Tina Baudtler, VD

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

CUSTOMER SERVICE

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

Kellfri AB

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The logo consists of the word "Kellfri" in a bold, blue, sans-serif font. A registered trademark symbol (®) is located at the top right corner of the letter "i". Below the main text, there is a horizontal line consisting of several short, thick blue bars.