TRAILED TANK

user manual

Serial number

Edition 2
01 - 2011

INDEX

IMPORTANT SAFETY NOTE

The information published in this booklet regards the people from risks. Remember that prudence is irreplaceable. you carefully read the machine. It is however necessary that Safety is also in the hands of all the operators who interact with the machine. general safety regulations published in Booklet 1 and those with the machine.

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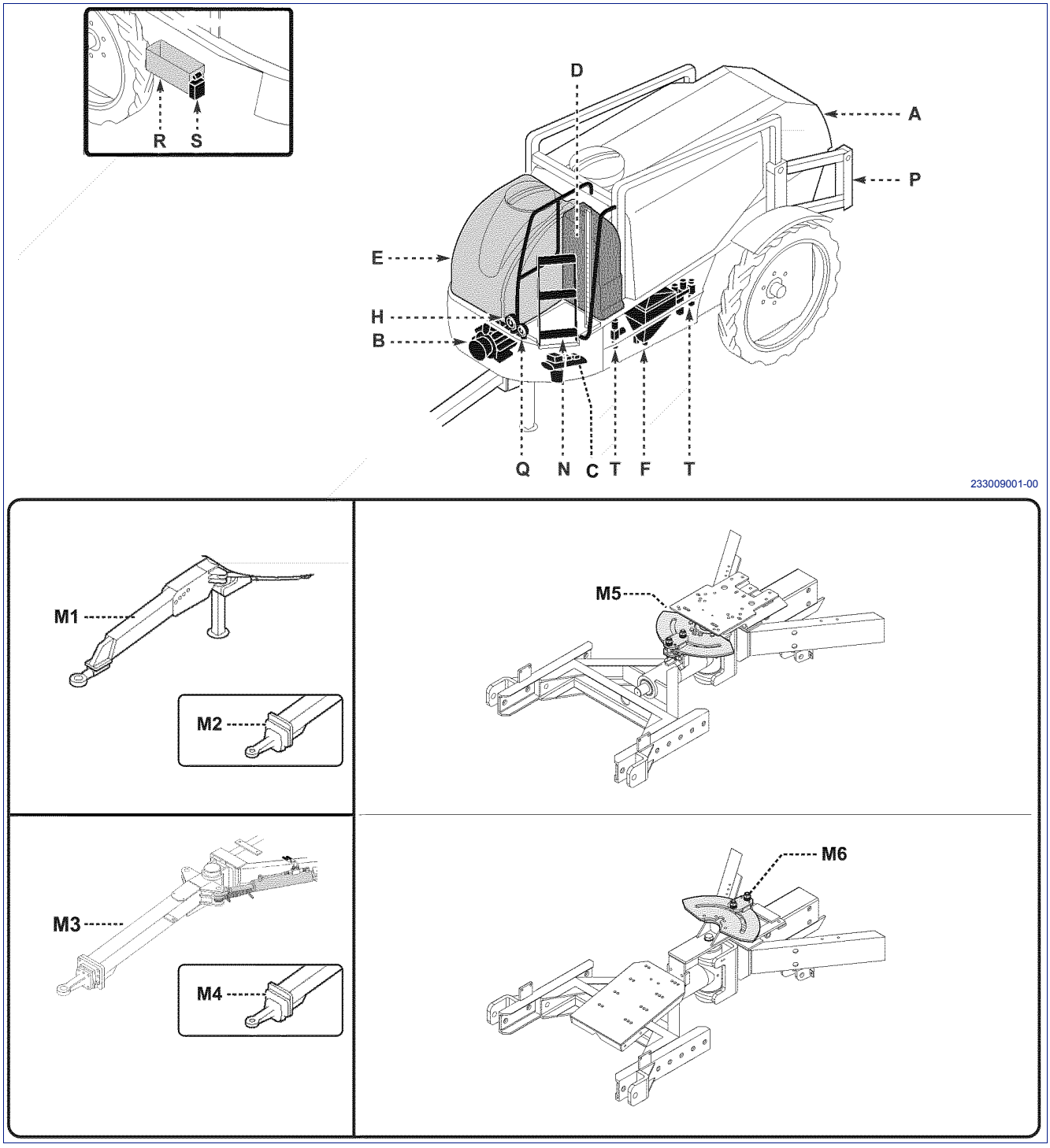
TECHNICAL INFORMATION

MAIN COMPONENTS



A) Spray product tank.
B) Pump.
C) Water control unit
D) Clean water tank for hand washing.
E) Clean water tank for system washing.
F) Mixer (on request).
H) Pressure gauge to measure the working pressure of spraying boom.

M1) Fixed draw-bar (3200/4200)
M2) Fixed draw-bar (5200/6200)
M3) Computerised draw-bar (3200/4200)
M4) Computerised draw-bar (5200/6200)
M5) Basic articulated draw-bar with hitch in the lifting device arms (Version with pump on the frame)
M6) Basic articulated draw-bar with hitch in the lifting device arms (Version with pump on the drawbar)

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N) Ramp.
P) Boom lifting device (see booklet “Height adjustment equipment”).
Q) Pressure gauge to measure pressure of service water system. If the central spray section closes or if the pressure gauge **(H)** breaks down, take an approximate measurement of the pressure of supply to the boom.
R) Product basket
S) Manual hydraulic pump for the operation of the support leg (3200/4200).
T) Water cocks: to select suction, use and washing.
Information concerning components that is not included in this manual is detailed in the relevant instruction manuals. The information about the components that is not included in this manual is detailed in the relevant instruction manuals.

TECHNICAL SPECIFICATIONS

Models vary according to drawbar type and tank size. The table shows the technical features of each model.

The table shows the technical specifications of each model.

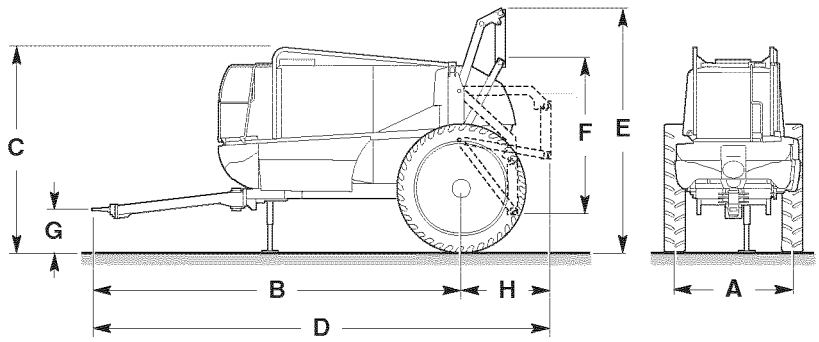
Version with fixed and computerised draw-bar

Model	Capacity (Lt)	Size								Weight (kg)
		A (3)	B	C	D	E	F	G	H	
3200 (1)	3000	1600÷2500	4135	2920	5483	3450	2100	500	1340	2300
4200 (1)	4000	1600÷2500	4135	2920	5483	3450	2100	500	1340	2300
5200 (2)	5100	1600÷2500	4800	2884	6540	3450	2100	460÷630	1340	2680
6200 (2)	6000	1600÷2500	4800	2884	6540	3450	2100	460÷630	1340	2750

(1) The sizes refer to the sprayer with 11.2 R48 (270/95 R48) wheels and with fixed or steering drawbar.

(2) Sizes refer to type 12,4 R46 sprayer with wheels (300/95 R46).

(3) The track size depends on the type of tyre and on the type of hub installed.



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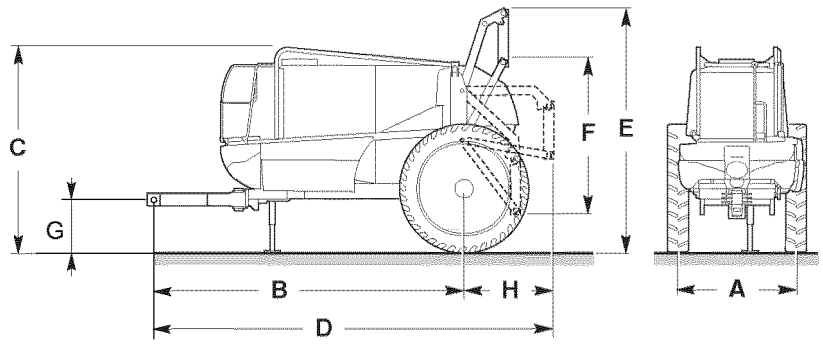
Version with basic articulated draw-bar with hitch in the lifting device arms

Model	Capacity (Lt)	Size								Weight (kg)
		A (2)	B	C	D	E	F	G	H	
3200 (1)	3000	1600÷2500	3505÷3745	2920	4845÷5085	3450	2100	750	1340	2350
4200 (1)	4000	1600÷2500	3505÷3745	2920	4845÷5085	3450	2100	750	1340	2380

(1) The sizes refer to the sprayer with 11.2 R48 (270/95 R48) wheels and with fixed or steering drawbar.

(2) The track size depends on the type of tyre and on the type of hub installed.



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Tyre pressure (empty machine): 3.5÷4 bars

Residual volume

The liquid volume that cannot be properly distributed (technical residue) does not exceed 0.5% of nominal volume plus 2 litres per boom meter.

The table shows the value of both soluble and non soluble technical residues.

3200 (Nominal capacity: 3000 litres - Effective capacity: 3200 litres)			
4200 (Nominal capacity: 4000 litres - Effective capacity: 4250 litres)			
5200 (Nominal capacity: 4800 litres - Effective capacity: 5100 litres)			
6200 (Nominal capacity: 6000 litres - Effective capacity: 6300 litres)			
Boom length (meters)	***Soluble * (litres)***	***Non soluble ** (litres)***	***Total (litres)***
18	33,1	19,5	52,6
20	33,1	21,1	54,2
21	33,1	21,7	54,8
24	33,1	24,8	57,9
27	33,1	27,9	61
28	33,1	28,9	62
30	33,1	30,2	63,3
32	33,1	32,6	65,7
33	33,1	33,2	66,3

(*) Soluble technical residue during washing
(**) Non soluble technical residue during washing

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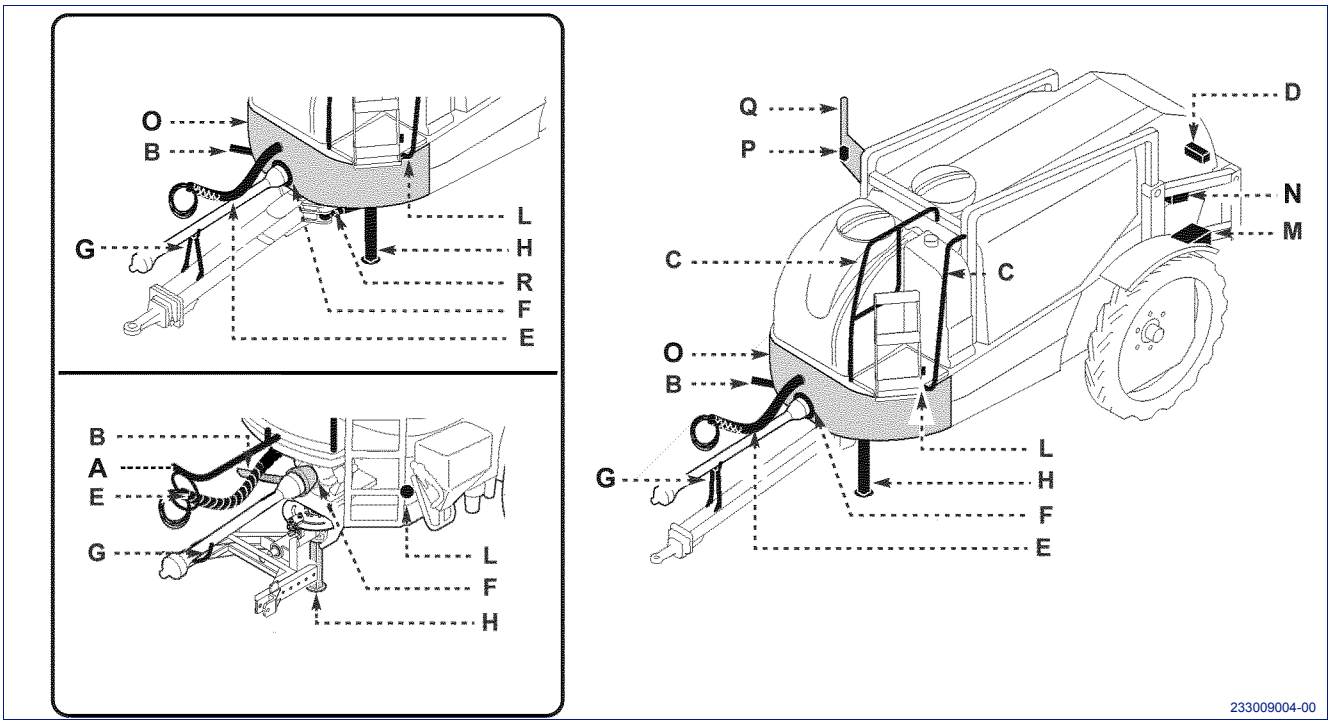
SAFETY DEVICES

A) Support: to support the supply hoses.
B) Parking brake: to avoid accidental movement of the machine, activate the brake before switching off.
C) Handrail: to prevent falls.
D) Stop valve (hydraulic system with solenoid valve kit): device preventing the boom from dropping suddenly in the event of a leak in the hydraulic hose.
E) Protective sheathing: to protect the supply hoses.
F) Cardan shaft guard: to avoid entanglement with parts of the body.
G) Cardan shaft support: to support the shaft while disconnected from power take-off.
H) Support leg: to support the equipment before disconnection so that reconnection is simpler.
L) Ramp locking: to avoid accidental opening.
M) Wheel chocks: to avoid accidental movement of the vehicle, position chocks before switching off
N) Cock (only for equipment with cushioned axle): To block the lifting device during the maintenance operation in the area below
O) Fixed guard: To protect pipes and fittings
P) Lock valve (for hydraulic system with quick coupings and single-acting lifting): Device preventing the boom from dropping suddenly in the event of a leak in the hydraulic hose
Q) Spraying bar arm support: to avoid accidental movement, used to lock boom in place during road transfer.
R) Arm mount for spraying boom: to avoid accidental movement, used to lock boom in place during road transfer.

Caution - Warning

Check daily that all safety devices are correctly installed and in working order.



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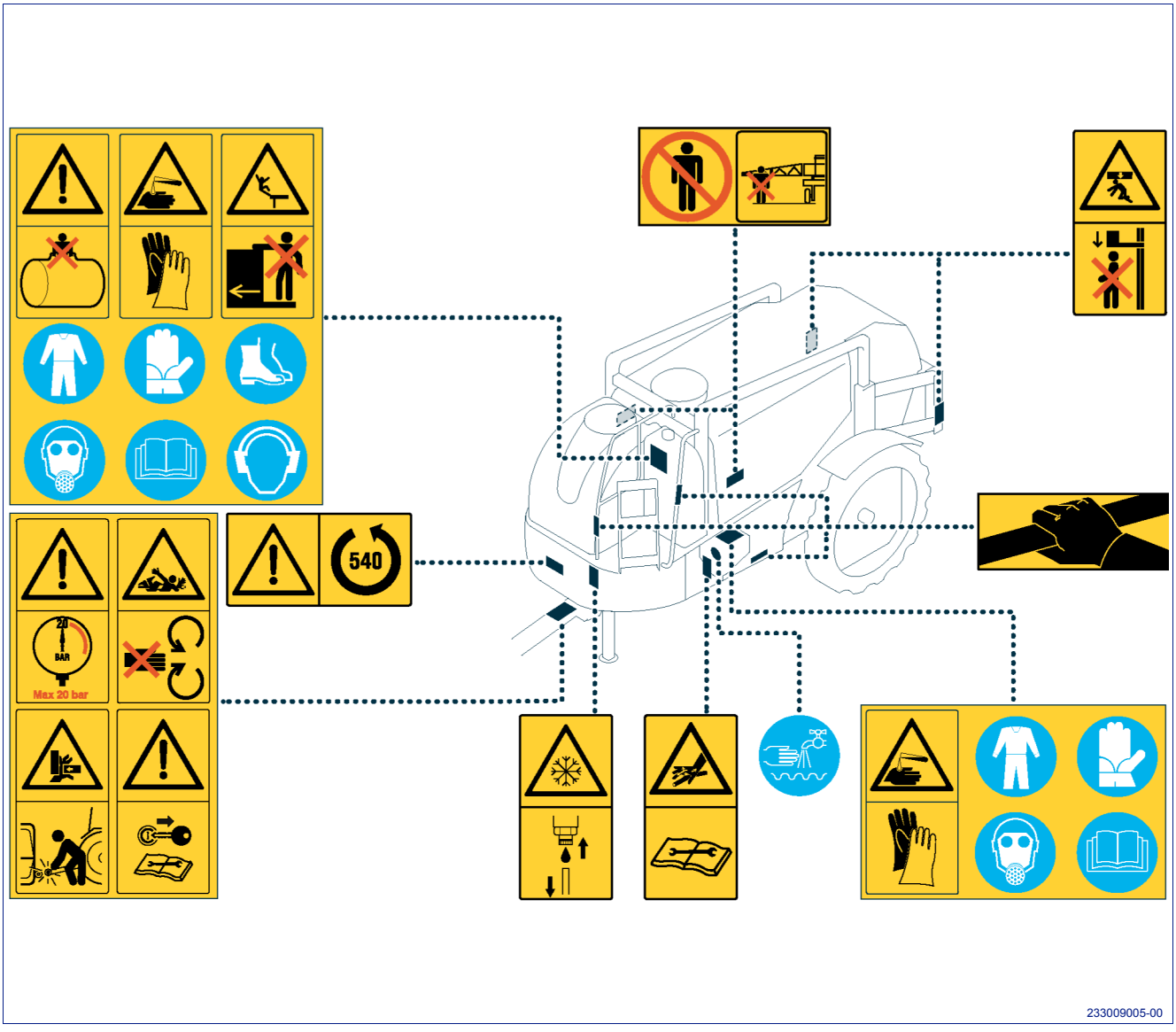
POSITION OF SIGNALS

The figure shows the location of all safety plates, while their meaning is explained in booklet 1.

Important

Make sure that all plates are legible. If they are not, clean or replace, if necessary, ensuring the new ones are placed in the original position.



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INFORMATION ABOUT HANDLING AND INSTALLATION

TRANSPORTING

Loading and transporting can be carried out in different ways, according to the destination. In all cases the equipment must not be packaged.

LOADING AND UNLOADING

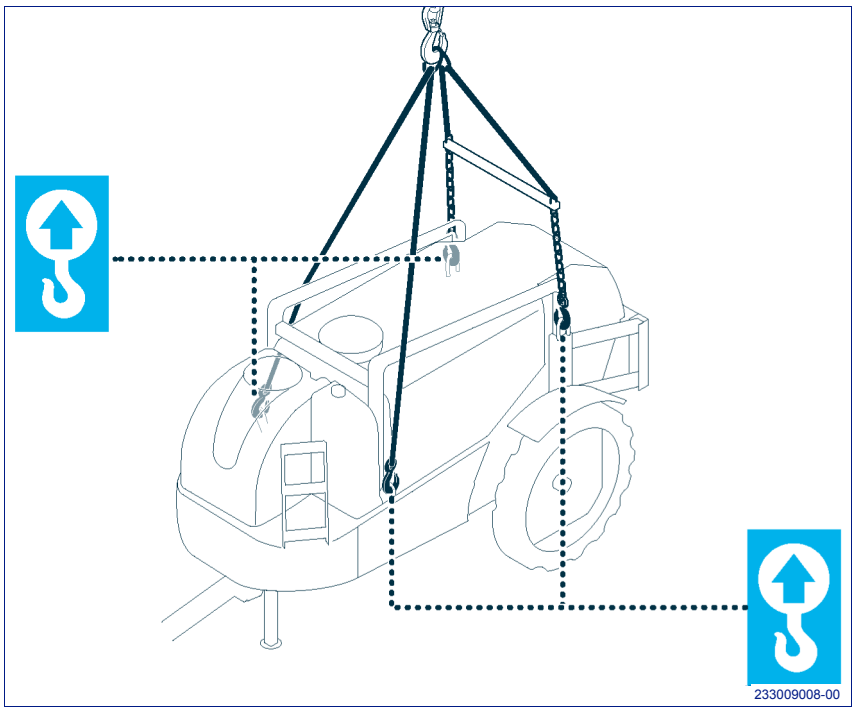
Danger - Warning

Lifting and handling must be carried out with the tank empty and using appropriate equipment, by skilled staff specialized in this kind of operation.

1 - Prepare a lifting hook with an adequate loading capacity and connect as shown in the figure below.

2 - Lift slowly, move very gently and avoid all swinging.

3 - Load onto the vehicle and secure using ropes and chocks.



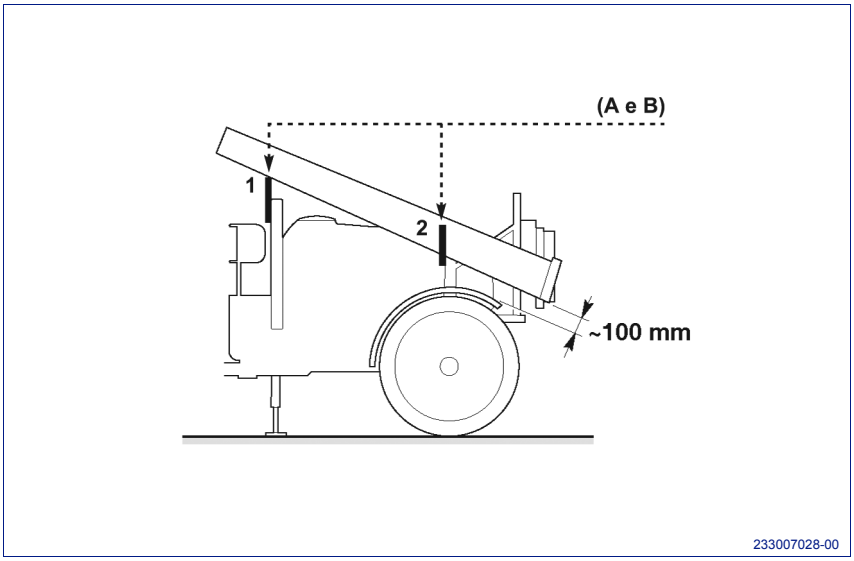
INFORMATION ABOUT ADJUSTMENTS

ARM MOUNT ADJUSTMENT

Supports (**A** and **B**) can be installed in positions **1** or **2** depending on the equipment versions. During transportation, the track is adjusted to the narrower position and the supports in the lower position.

To widen the track, it is necessary to adjust the height of the supports (**A** and **B**, if fitted)

1 - Lift boom above the wheel using the control.



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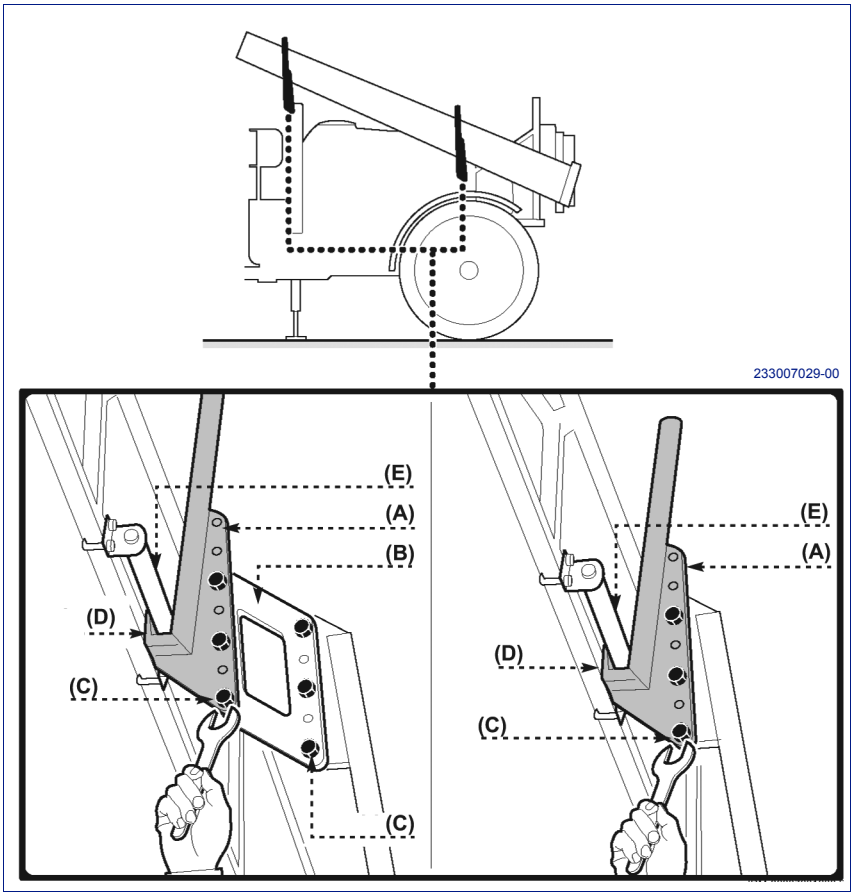
2 - Loosen the screws (**C**) and adjust the position of the supports at the corresponding holes, so that the seat (**D**) rests on the roller (**E**).

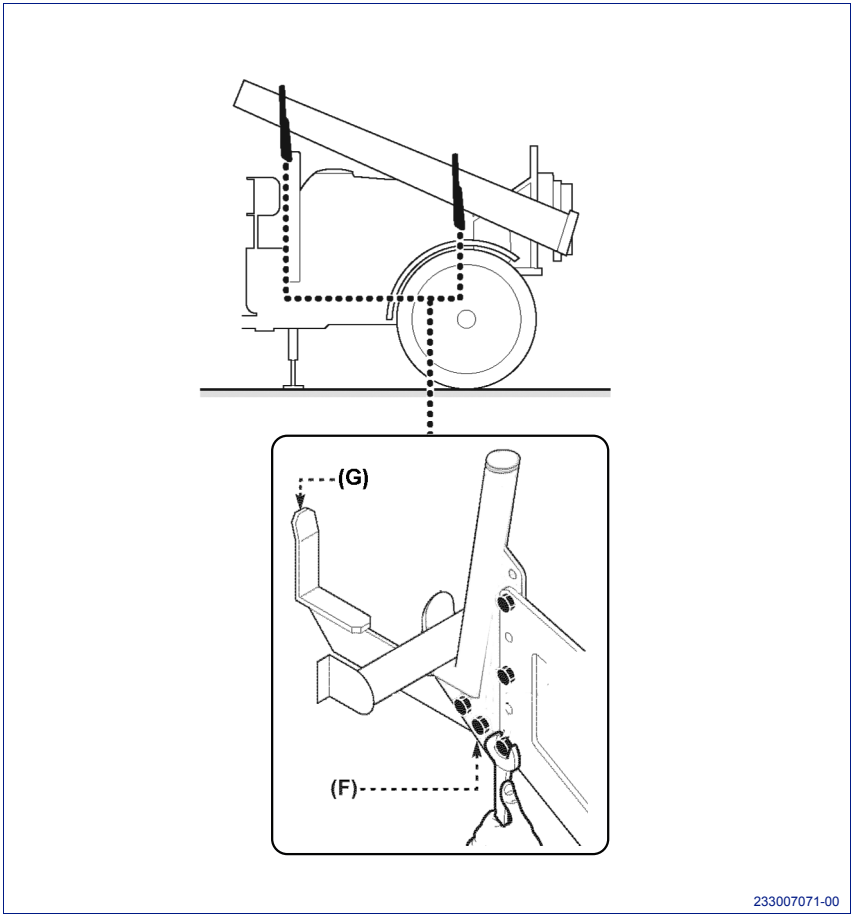
Important

The supports must be placed so that they are secured by at least three screws (C).



Only for the version with hydraulic booms with lateral folding

3 - Install lateral supports (**G**) and fasten them with screws (**F**).



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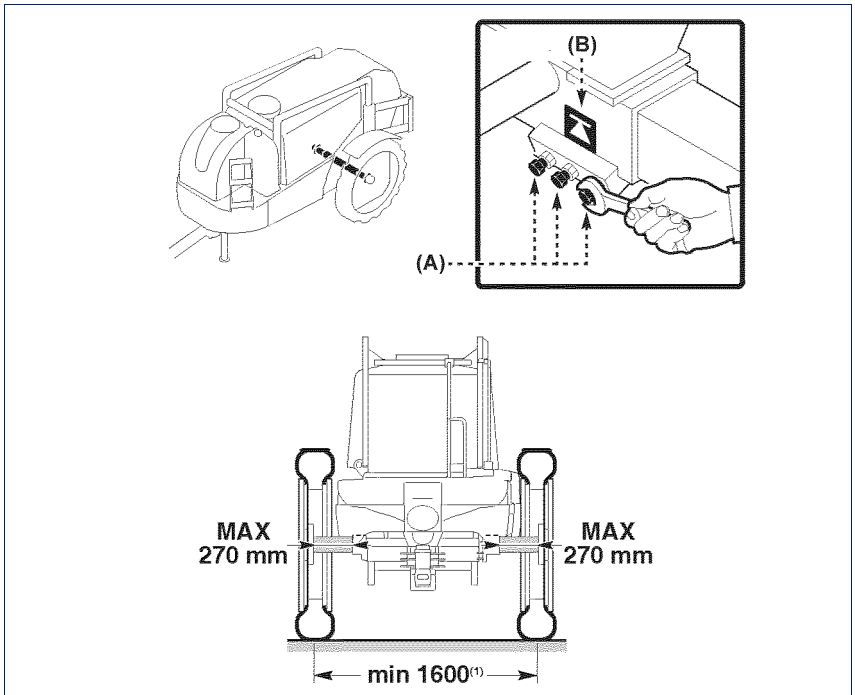
TRACK ADJUSTMENT

Caution - Warning

Carry out this operation on flat ground, with the equipment hitched to the tractor, parking brake set and an empty tank.

1 - Lift the axle slightly using the special device and line it up with the data plate **(B)**.



Important

Determine whether it is easier to turn the wheel over and/or loosen or tighten the axle.

2 - Loosen screws **(A)** and adjust track.

Caution - Warning

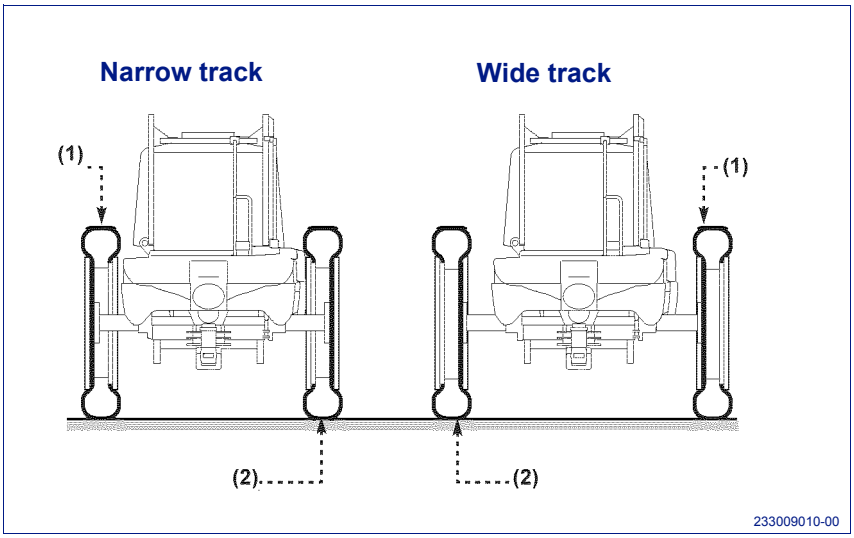
The maximum extension allowed is limited by the three screws (A); more precisely, the extension tube must be secured at all times by the three screws (A) together.

3 - Tighten screws **(A)**.

4 - Repeat on the opposite axle.

Caution - Warning

After a short distance (~1 km), tighten the wheel screws and nuts once more.



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PARKING BRAKE ADJUSTMENT

Caution - Warning

Carry out this operation on flat ground, with the equipment hitched to the tractor, parking brake set and an empty tank.

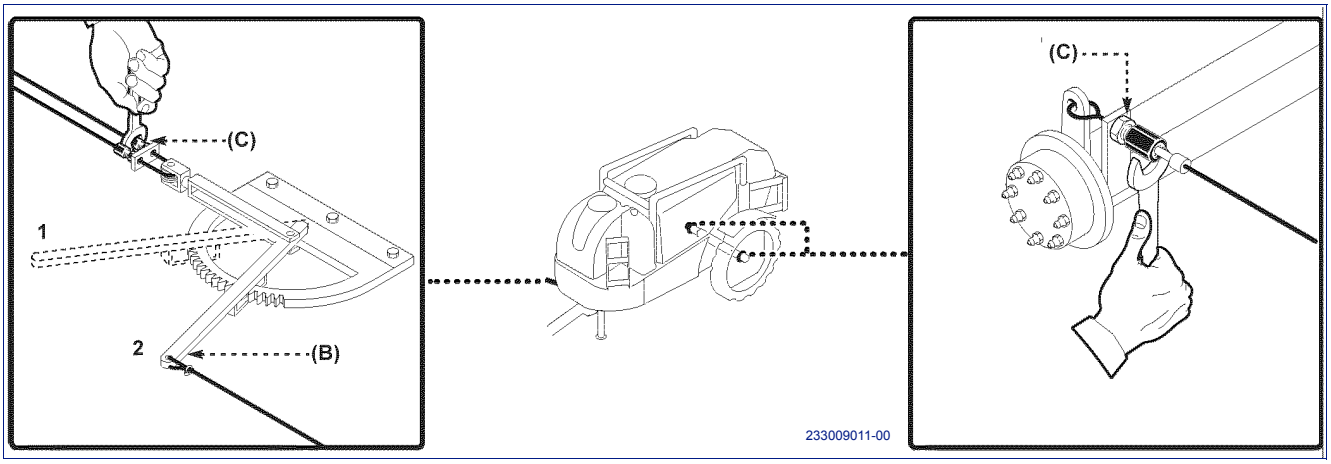
1 - Lift the axle using the special device and line it up with the data plate so that the wheel no longer touches the ground.

2 - Adjust the lever (**B**) to position 1; the wheel should turn freely.

3 - Bring the lever (**B**) to position 2; the wheel should be completely locked.

4 - Adjust the register of the corresponding wheel to get the best position from the two phases explained above and then tighten the lock nut (**C**) at the end of this operation.

5 - Repeat this procedure for the other wheel.

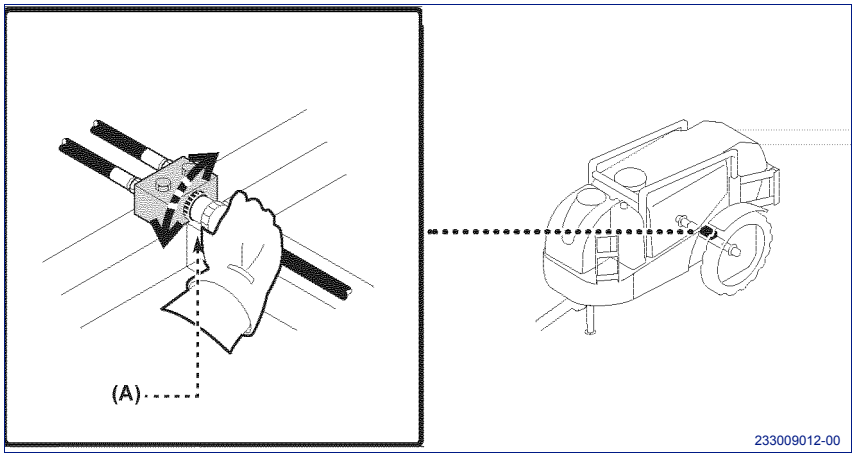


HYDRAULIC BRAKE ADJUSTMENT

Important

This operation must be carried out while the parking brake is released.

To increase braking speed, turn valve (**A**) anticlockwise and reduce by turning clockwise.



CUSHIONED AXLE ADJUSTMENT

Important

Carry out this operation in order toobtain the best cushioning withempty and fully loaded equipment.The adjustment must be carried outwith the boom folded in transportposition and when the equipment isempty..

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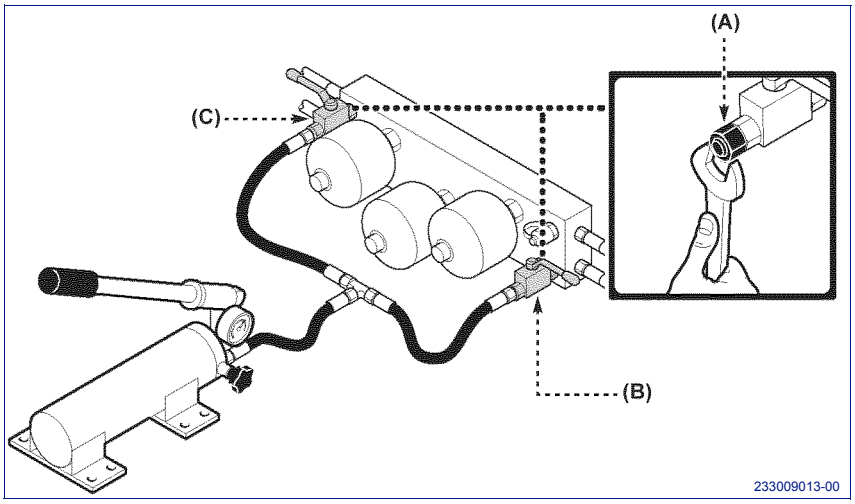
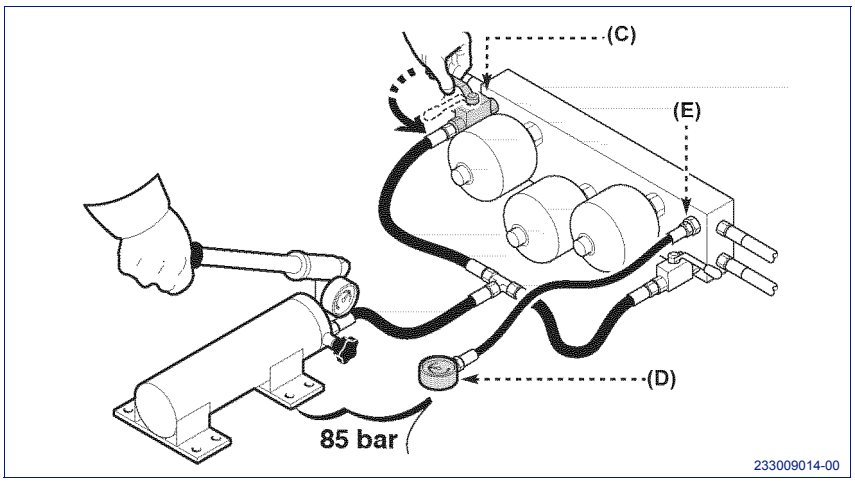
Adjustment of shock absorbers must be carried out with a folded boom and empty tank.

1 - Remove caps (**A**) and connect thepump hoses to cocks (**B-C**).

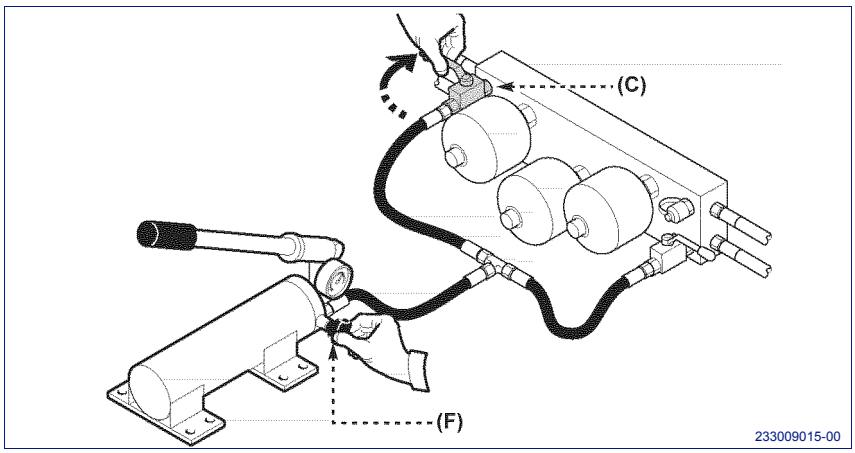


2 - Connect pressure gauge (**D**) to pressure intake (**E**).

3 - Open valve (**C**) and pump oil until approx. pressure of 85 bars is reached.

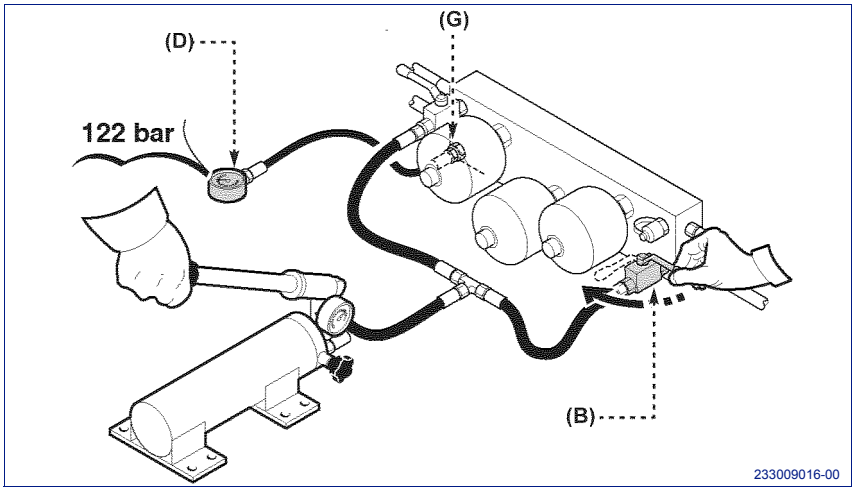


4 - Close valve (**C**) and release pump pressure through knob (**F**).



5 - Connect pressure gauge (**D**) to pressure intake (**G**).

6 - Open valve (**B**) and pump oil until approx. pressure of 122 bars is reached.



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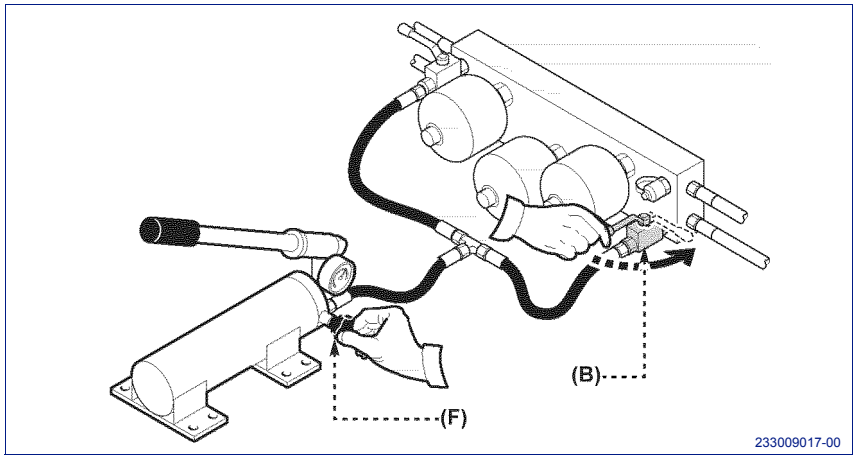
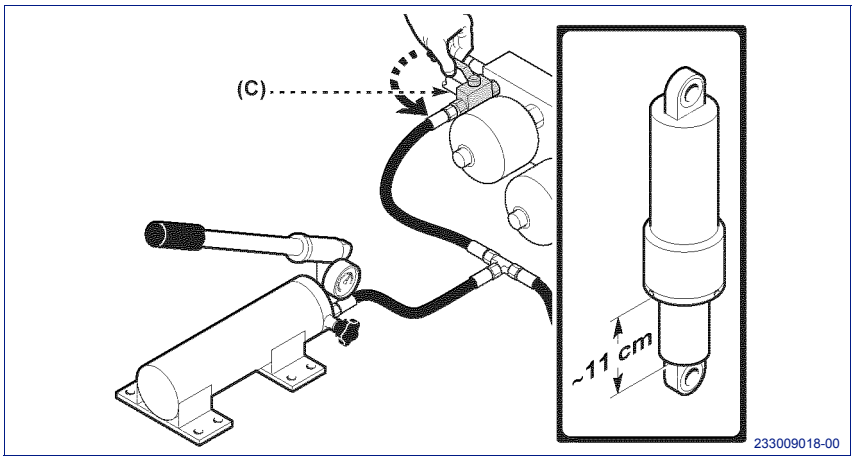
7 - Close cock (**B**) and discharge thepressure by means of knob (**F**).



8 - Open cock **(C)** and discharge the oilup to the cylinder extension of11cm.



INFORMATION ABOUT USE

INSTRUCTIONS FOR USE AND OPERATION

All the general information concerning the use of the tractor is in the special booklet, which describes all the specific information of the different parts of the equipment.

ROAD TRANSPORT

Road transport is allowed ONLY to approved equipment and to tractor drivers who have the necessary requirements according to the laws in force.

Important

Road transport is allowed only when the equipment is completely empty.

In any case, before transport:

- lock the parts that may cause sudden and unexpected movements.
- make sure that the equipment does not exceed the maximum permitted overall dimensions.
- if necessary, provide the equipment with the special signals.
- Completely empty the tank.

Caution - Warning

If the equipment is approved for road transport with filled tank, the liquid shall not be mixed with the chemical products to be strayed.

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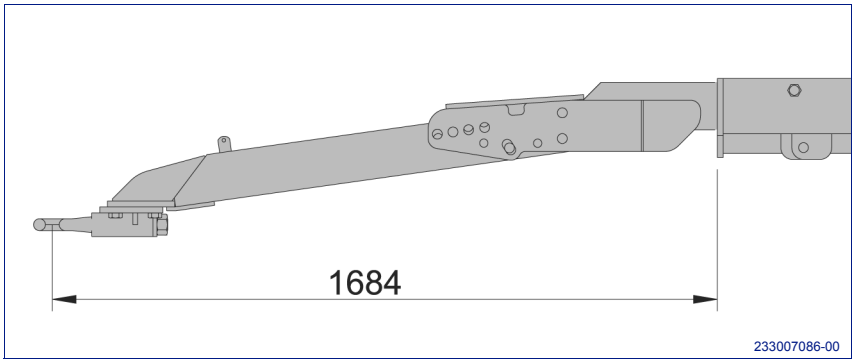
- Adjust the drawbar to the minimum length (see illustration).
- Make sure that the equipment is properly connected to the tractor.
- Make sure that the tractor power take-off is disconnected.
- Make sure that the boom is properly closed and positioned on its supports.
- Deactivate the control board.



Important

Road transport requires the knowledge and the observance of the regulations contained in the manual "Road transport regulations".

If the equipment is approved for road transport with filled tank proceed as follows:

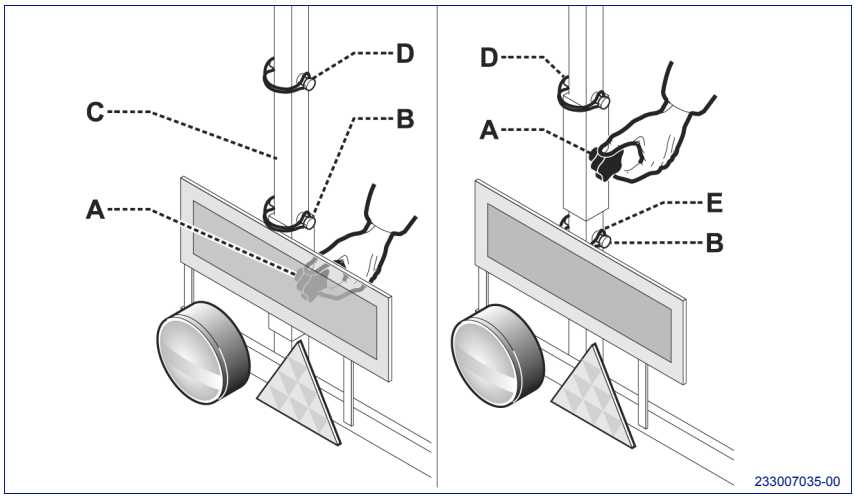
1 - Loosen knobs (**A**) of the rear reflectors.

2 - Remove safety pin (**B**)

3 - Loosen knobs (**A**) of the rear reflectors and lower support (**C**) until it stops onto pin (**D**)

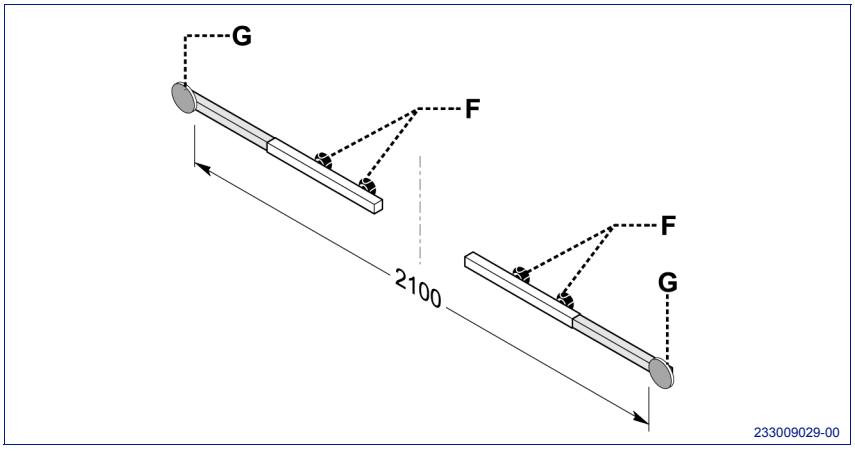
4 - Introduce safety pins (**B**) into hole (**E**).

5 - Tighten knobs (**A**).



6 - Loosen knobs (**F**) of front reflector supports (**G**).

7 - Adjust reflectors (**G**) at a width of 2100 mm and tighten knobs (**F**).



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FIXED DRAW-BAR

Adjustment of the drawbar height (3200/4200)

Caution - Warning

During this operation the equipment must be in horizontal position and the tank must be empty; the wheels and the system must be blocked according to the figure.

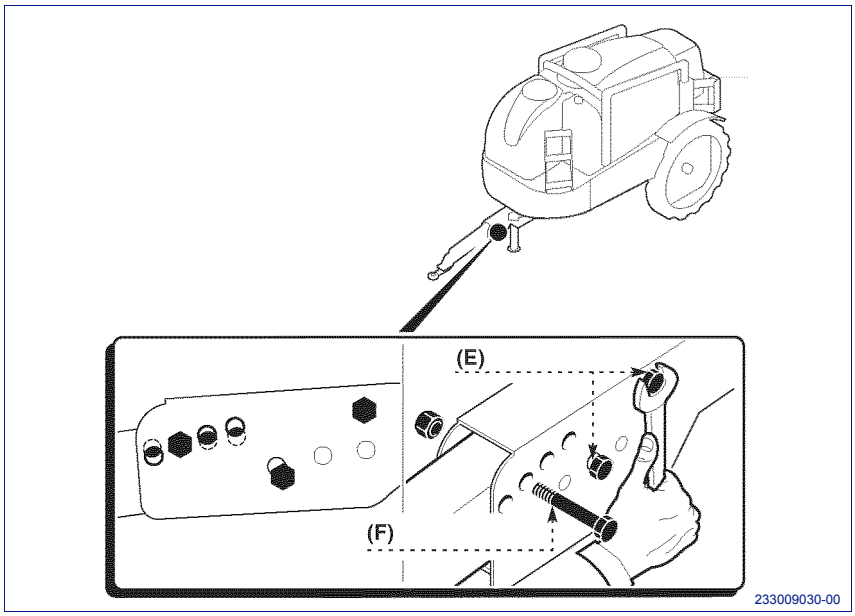
1 - Loosen screws (**E**);

2 - Unscrew and remove screw (**F**);

3 - Lift or lower drawbar to coincide with one of the three holes still available;

4 - Replace screw (**F**) and tighten;

5 - Tighten screws (**E**);



Adjustment of the drawbar height (5200/6200)

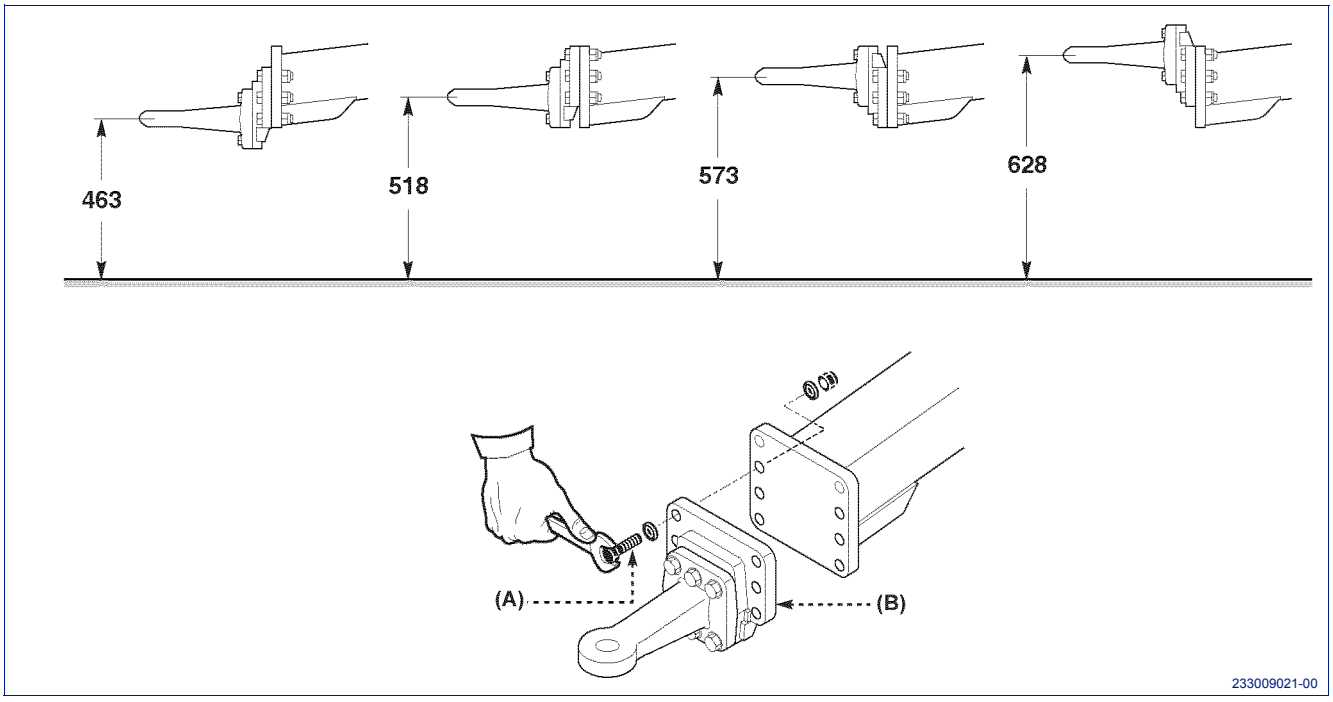
If the height of the tractor hook does not coincide with the eyelet, adjust the height of the drawbar as follows.

1 - Loosen the screws (**A**).

2 - Lift, lower and rotate plate (**B**), if necessary, until the desired height is obtained (see diagram).

Note: Sizes refer to type 12,4 R46 sprayer with wheels (300/95 R46).

3 - Screw screws (**A**).



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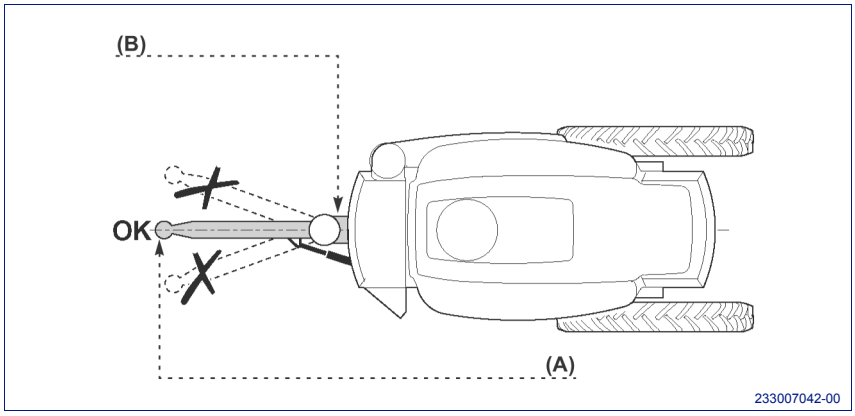
HYDRAULIC STEERING DRAWBAR

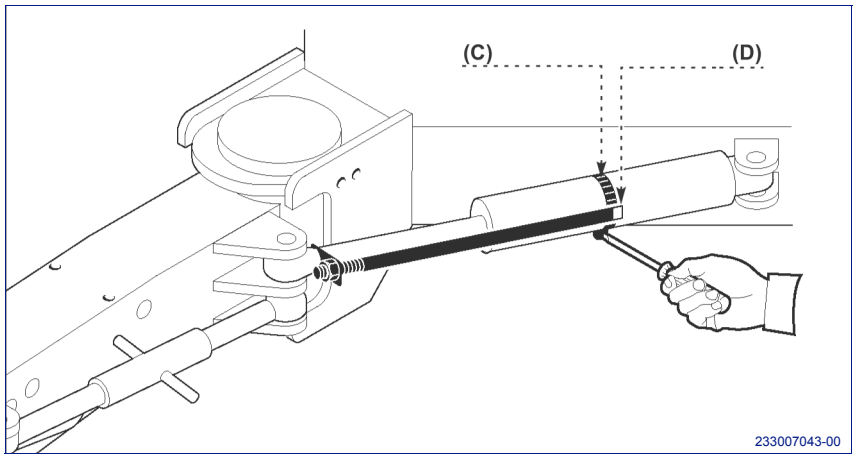
"Straight drawbar" indicator adjustment

1 - Place the drawbar end-piece (**A**) so that it is perfectly aligned with the frame (**B**).



2 - Loosen the clamp (**C**) and place it on the white indicator (**D**).

3 - Tighten the clamp (**C**) when adjustment is completed.

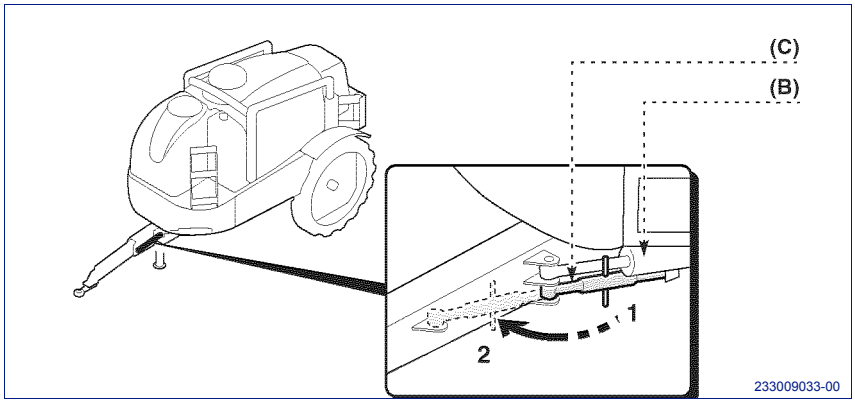


How to use the draw-bar

The articulated drawbar can be adjusted using the hydraulic cylinder (**B**) so that the tank follows the tractor around bends and crosswise on slopes.

Important

Before using the steering drawbar, disconnect the tie-rod (C) and lay it in the rest position (2).



Danger - Warning

Opening and closing the steering drawbar cylinder should only be done when the spray boom is completely unfolded. If this condition is not met, the tank may overturn.

Important

Before road transfer, the drawbar MUST be locked using the tie-rod (C) (position 1).

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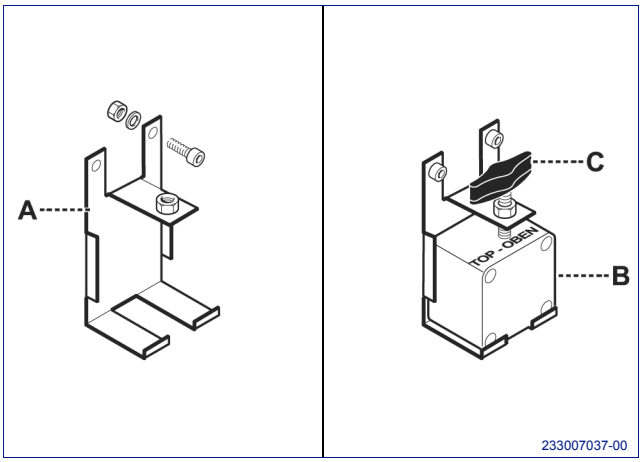
COMPUTERIZED DRAWBAR

Installation of the potentiometer

1 - Install gyroscope support (**A**) on the back of the in vertical position. After installation, make sure that the support is free from swinging.

2 - Connect gyroscope support (**B**) to support (**A**) by means of screws (**C**).

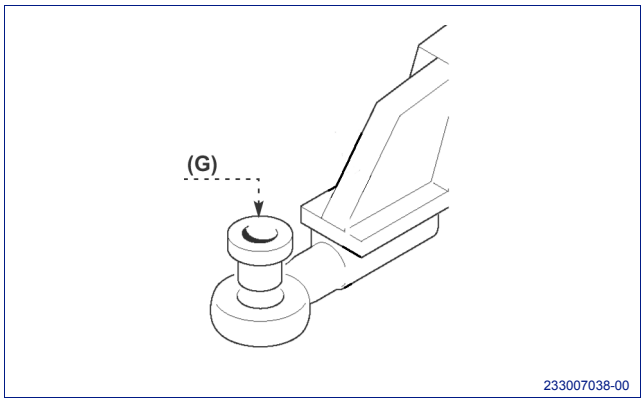


Important

The caption "TOP - OBEN" must be positioned on top.

The gyroscope works correctly only if it is installed in a vertical position and if, during operation, it is in a fixed position on the tractor and does not swing.

3 - If necessary, install the bushing (**G**) and check that it lines up perfectly with both pin and tractor hitch pin. If not, adjust.



Important

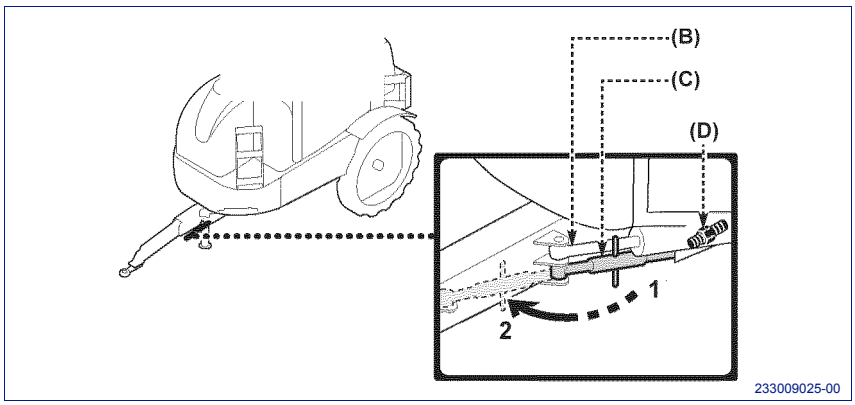
Clearance between eyelet and pin, which would jeopardize correct functioning of the drawbar.

Using the computerized steering drawbar

When the tie-rod (**C**) is in position (**1**), the drawbar articulation is locked and the automatic steering control device is disabled by the sensor (**D**).

Disconnect the tie-rod (**C**) and place it in position (**2**), to reactivate the automatic steering control device from the control panel (see enclosed computer booklet).

Steering is controlled by the cylinder (**B**).



Danger - Warning

Opening and closing the steering drawbar cylinder should only be done when the spray boom is completely unfolded. If this condition is not met, the tank may overturn.

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BASIC ARTICULATED DRAWBAR WITH COUPLING FOR HEIGHT ADJUSTER ARMS

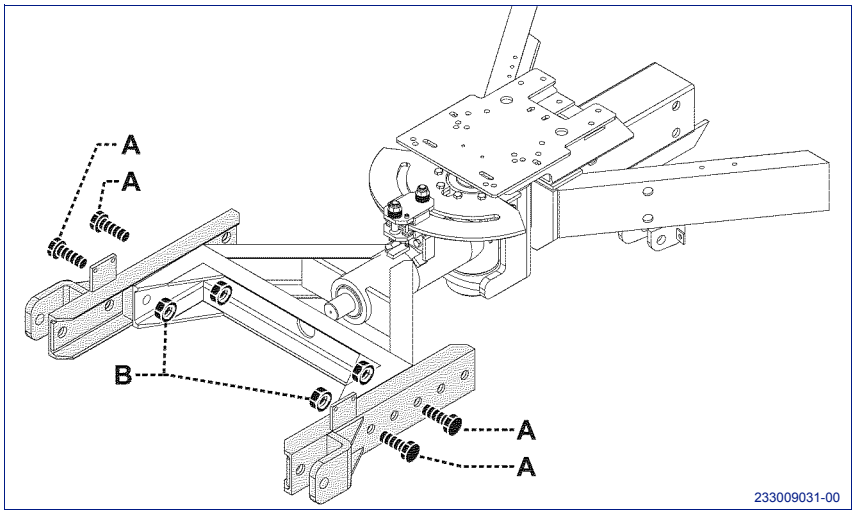
Adjusting the length of the drawbar arms

Proceed as follows:

1 - Unscrew the screws (**A**).

2 - Adjust the clamps (**B**) as necessary.

3 - Tighten screws (**A**).



Adjustment of drawbar brake

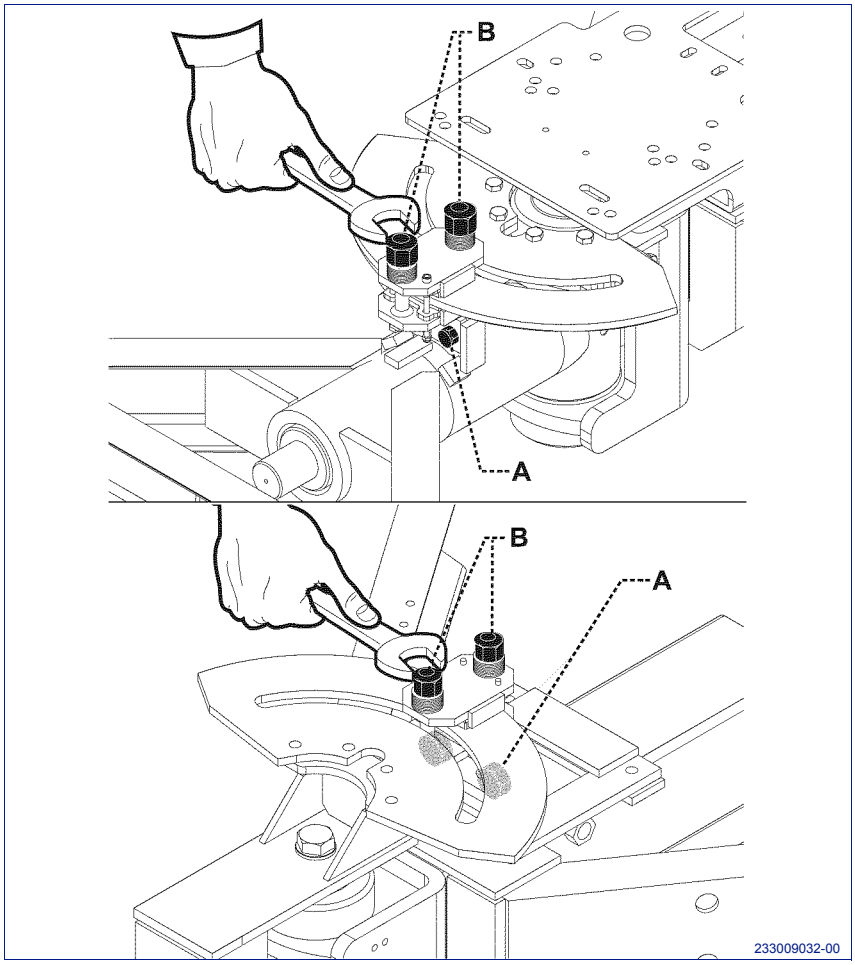
1 - Loosen screws (**A**)

2 - Use screws (**B**) so that the brake pads create friction on the disc. Move draw-bar manually in order to determine the desired friction level.

3 - Tighten screws (**A**)

Important

do not tighten screws (B) to an extent that blocks the movement of the half-disc.



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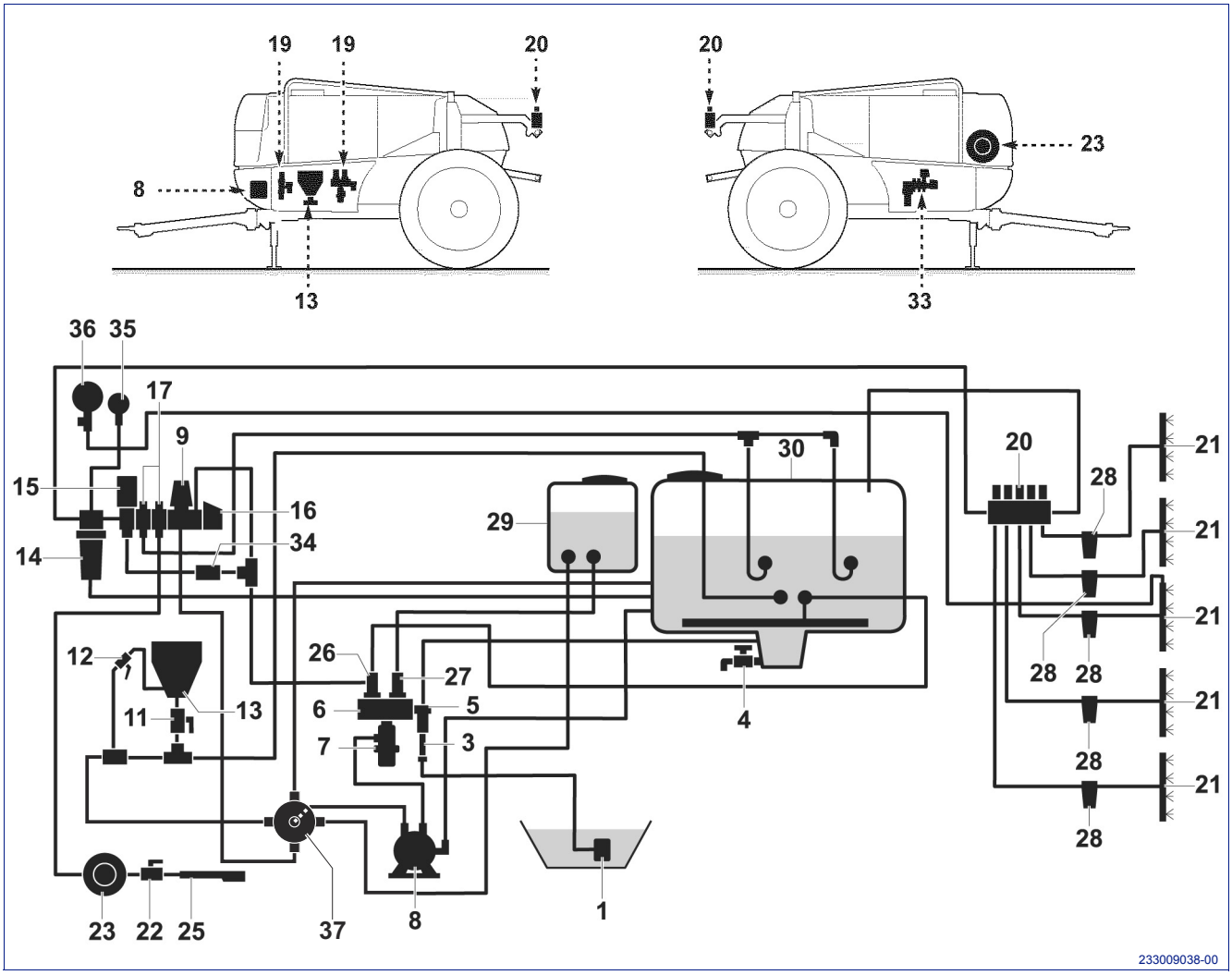
SYSTEM DIAGRAMS

Water system diagram with proportional control unit



Legend

1 - Suction filter (filling)	**13** - Mixer	**25** - Equipment washing spray gun
3 - Litre counter (filling)	**14** - Control unit line filter	**26** - Clear water suction valve
4 - Tank emptying valve	**15** - Pressure control engine	**27** - 3-way ball valve
5 - 3-way ball valve	**16** - Main engine	**28** - Distribution line filters
6 - Stainless steel manifold	**17** - Tank inside washing valve	**29** - Clear water tank
7 - Suction filter	**18** - Water supply litre counter	**30** - Product tank
8 - Diaphragm pump	**19** - Tap assembly	**33** - Control unit
9 - Maximum pressure control valve	**20** - Solenoid valve assembly	**34** - Non return valve
10 - 3-way ball valve	**21** - Stainless steel pipes	**35** - Pressure gauge
11 - Product transfer valve	**22** - Equipment washing valve	**36** - Working pressure gauge
12 - Container washing lever-operated con- trol valve	**23** - Hose reel for equipment washing	**37** - 5 ways valve

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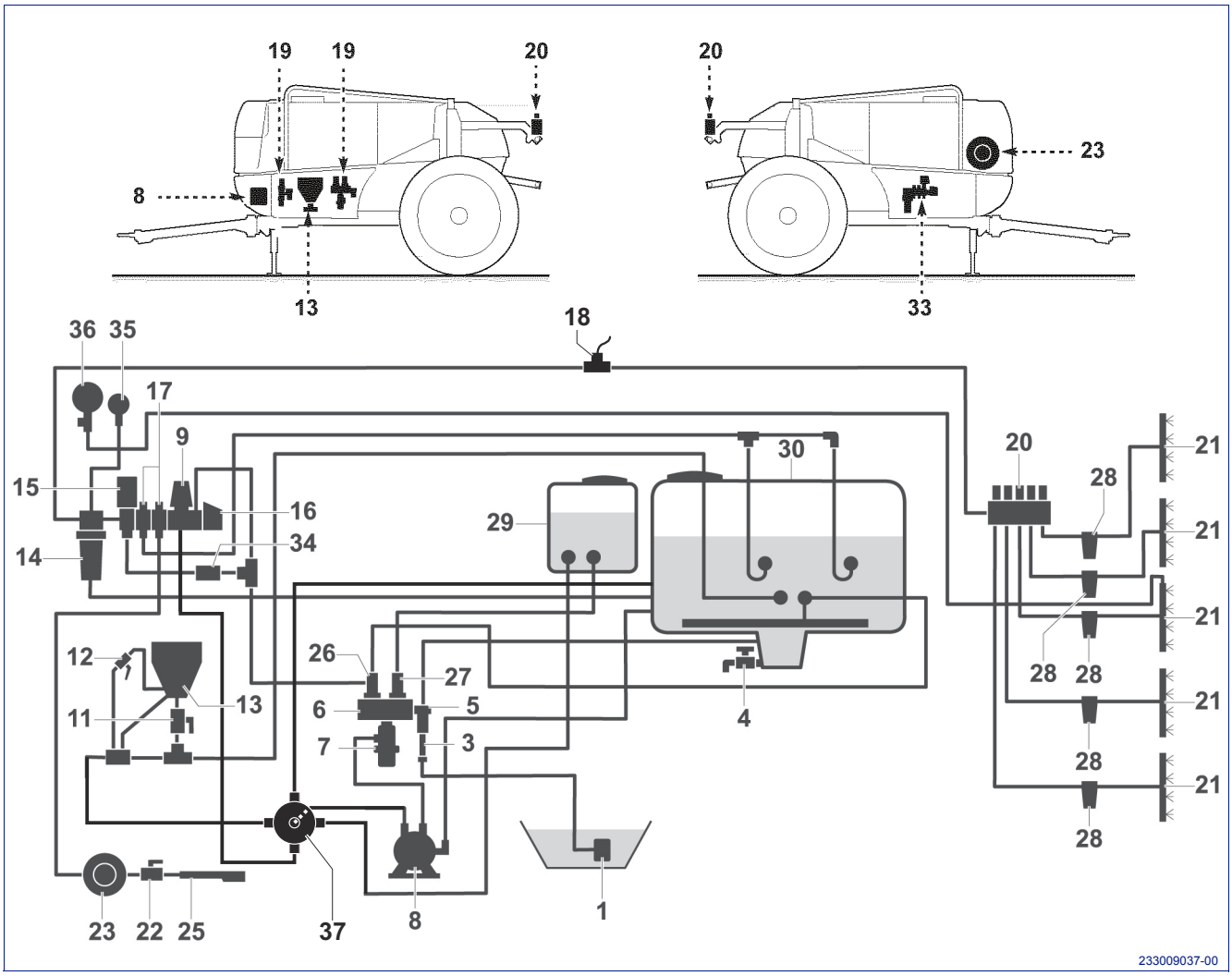
Water system diagram with computerized control unit



Legend

1 - Suction filter (filling)	**13** - Mixer	**25** - Equipment washing spray gun
3 - Litre counter (filling)	**14** - Control unit line filter	**26** - Clear water suction valve
4 - Tank emptying valve	**15** - Pressure control engine	**27** - 3-way ball valve
5 - 3-way ball valve	**16** - Main engine	**28** - Distribution line filters
6 - Stainless steel manifold	**17** - Tank inside washing valve	**29** - Clear water tank
7 - Suction filter	**18** - Water supply litre counter	**30** - Product tank
8 - Diaphragm pump	**19** - Tap assembly	**33** - Control unit
9 - Maximum pressure control valve	**20** - Solenoid valve assembly	**35** - Pressure gauge
10 - 3-way ball valve	**21** - Stainless steel pipes	**36** - Working pressure gauge
11 - Product transfer valve	**22** - Equipment washing valve	**37** - 5 ways valve
12 - Container washing lever-operated con- trol valve	**23** - Hose reel for equipment washing	

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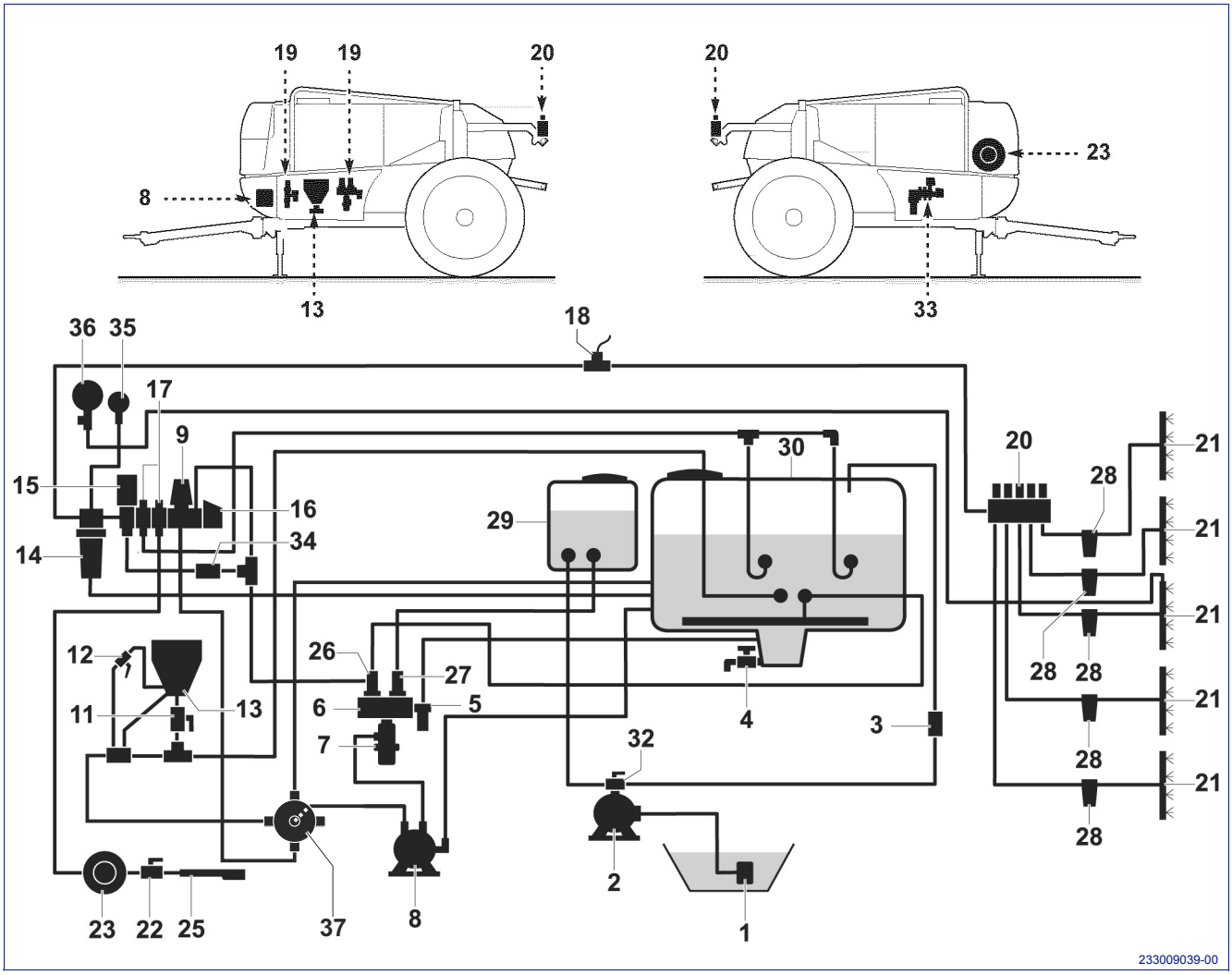
Water system diagram with centrifugal pump and computerized control unit



Legend

1 - Suction filter (filling)
2 - Centrifugal pump (filling)
3 - Litre counter (filling)
4 - Tank emptying valve
5 - 3-way ball valve
6 - Stainless steel manifold
7 - Suction filter
8 - Diaphragm pump
9 - Maximum pressure control valve
10 - 3-way ball valve
11 - Product transfer valve
12 - Container washing lever-operated con- trol valve
13 - Mixer
14 - Control unit line filter
15 - Pressure control engine
16 - Main engine
17 - Tank inside washing valve
18 - Water supply litre counter
19 - Tap assembly
20 - Solenoid valve assembly
21 - Stainless steel pipes
22 - Equipment washing valve
23 - Hose reel for equipment washing
25 - Equipment washing spray gun
26 - 3-way ball valve
27 - Clear water suction valve
28 - Distribution line filters
29 - Clear water tank
30 - Product tank
32 - Clear water tank filling valve
33 - Control unit
35 - Pressure gauge
36 - Working pressure gauge
37 - 5 ways valve

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TANK FILLING

The tank can be filled in two different ways:

- Water filling from the upper holes (page 21);
- Water filling through tank filling hose (page 22);
- Filling with centrifugal pump (page 23);

Important

When filling the tank, ensure that hand-washingtank (C) has been filled with clean water and filledit up, if necessary.

WATER FILLING FROM THE UPPER HOLES

Use an external water source or a tank that is located on a level higher than filling hole **(A and B)**.

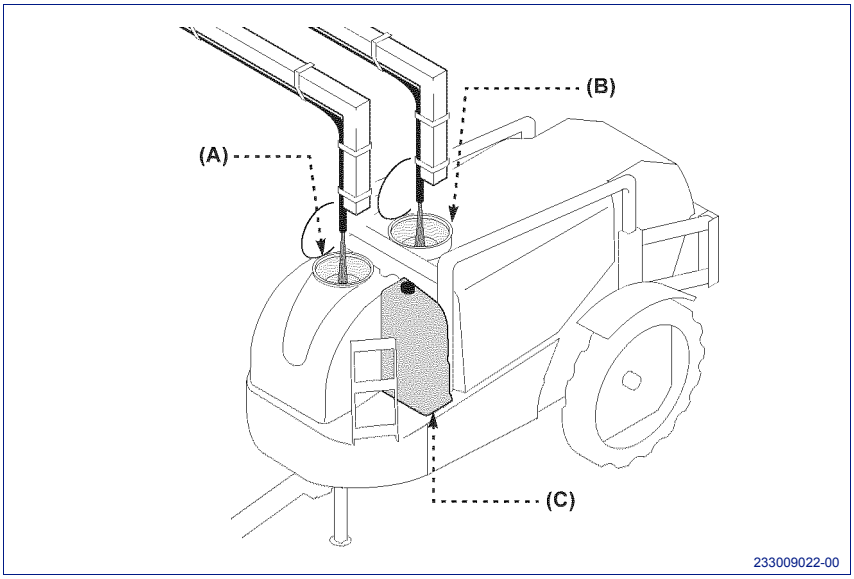
Fill tank (**C**) with hand-washing water

Important

Tank filling opening (B) must be equipped with the basket filter (mesh size 1 mm).

Important

The tank (A) must be filled with clean water.



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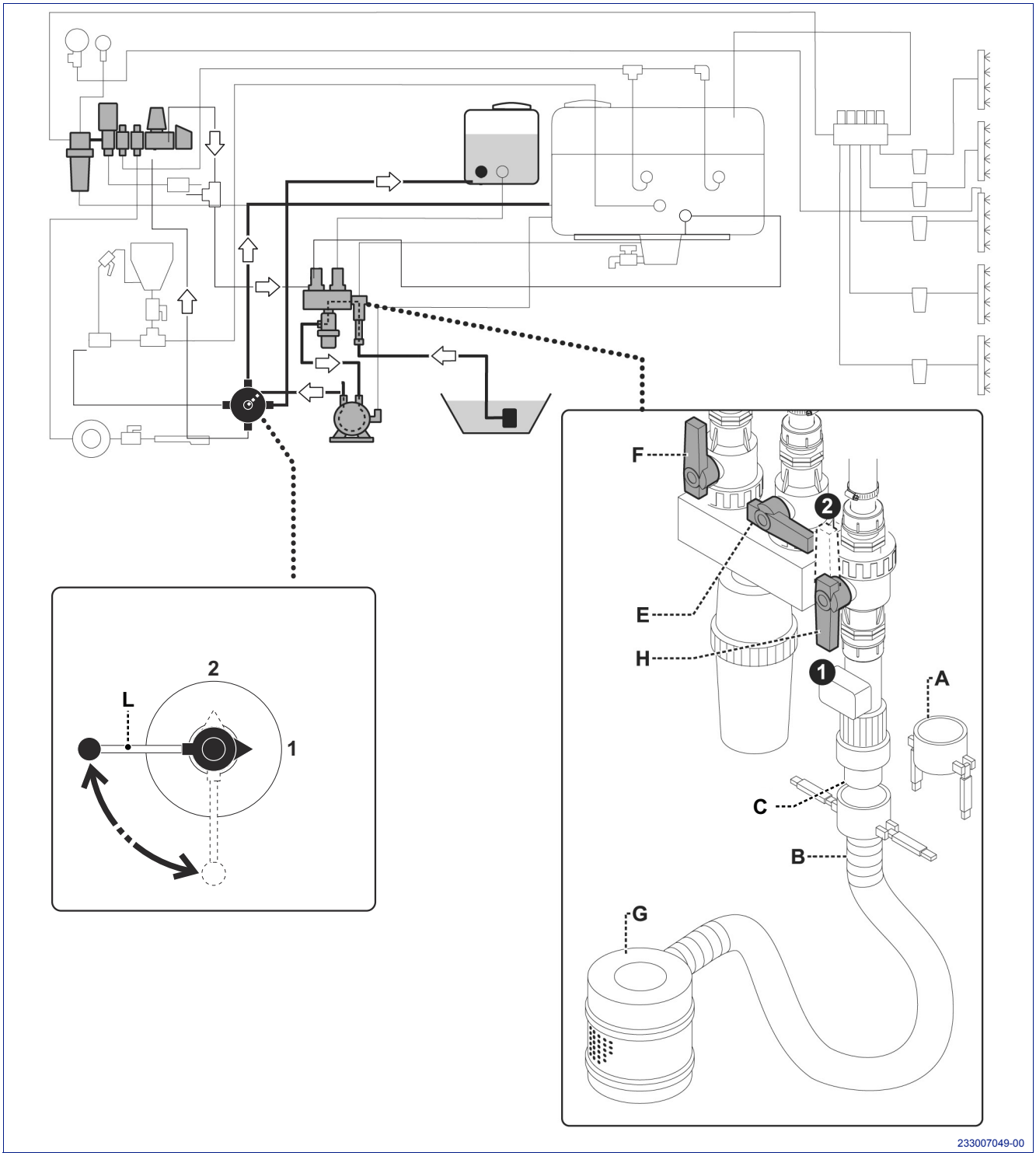
WATER FILLING THROUGH TANK FILLING HOSE



Caution - Warning

Make sure that no part of the tank-filling hose comes into contact with the chemical spray products, so that the water source does not become polluted.

1 - Plunge floating filter **(G)** into the water source (reservoir, external tank, ditch, etc).

2 - Remove the cap **(A)** from the coupling **(C)**.

3 - Connect the tank-filling hose **(B)** to the coupling **(C)**.

4 - Place the valve levers **(E-F-H)** in the position shown. Turn valve levers **(L)** to position **2**.

5 - Connect the PTO.

6 - To fill the clear water tank, turn valve lever **(L)** to position **1**.

7 - When filling is over, return lever to position **2**.

8 - Reduce the power take-off rpm.

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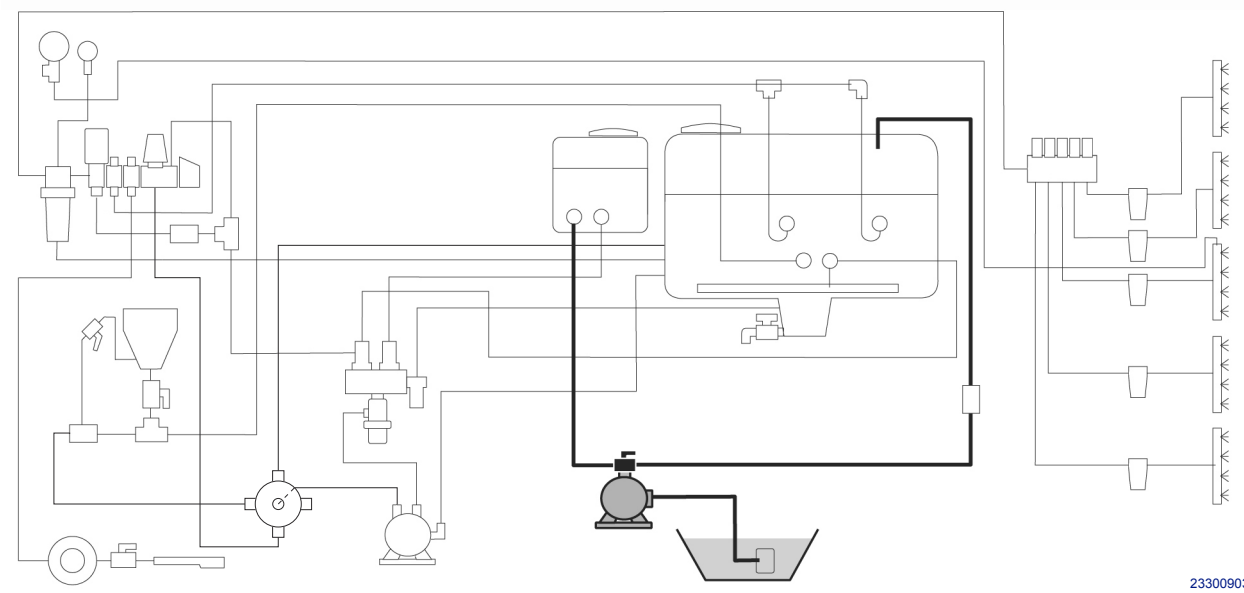
9 - Turn valve levers **(H)** to position **2**.

10- When the operation is over, disconnect the hose **(B)** and replace the cap **(A)**. The machine is ready to start spraying.

FILLING WITH CENTRIFUGAL PUMP



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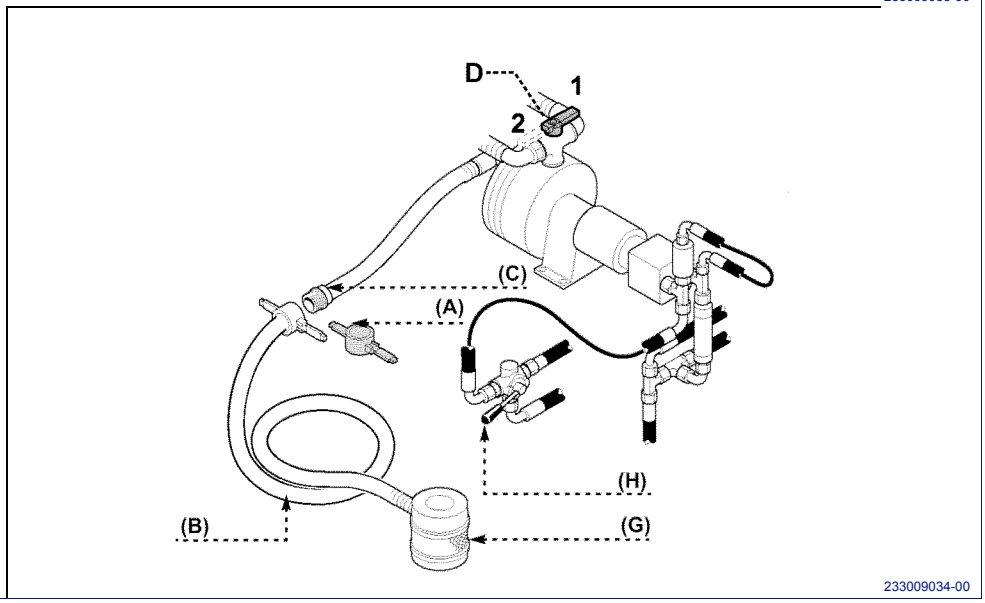

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Proceed as follows.

1 - Remove cap **(A)**.

2 - Connect the hose **(B)** to the coupling **(C)**.

Caution - Warning

Make sure that no part of the tank- filling hose comes into contact with the chemical spray products, so that the water source does not become polluted.

3 - Plunge floating filter **(G)** into the water source (reservoir, external tank, ditch, etc).

4 - Connect the PTO.

5 - To fill the clear water tank, turn valve lever **(D)** to position **1**.

6 - Reduce the power take-off rpm.

7 - When the operation is over, disconnect the hose **(B)** and replace the cap **(A)**.

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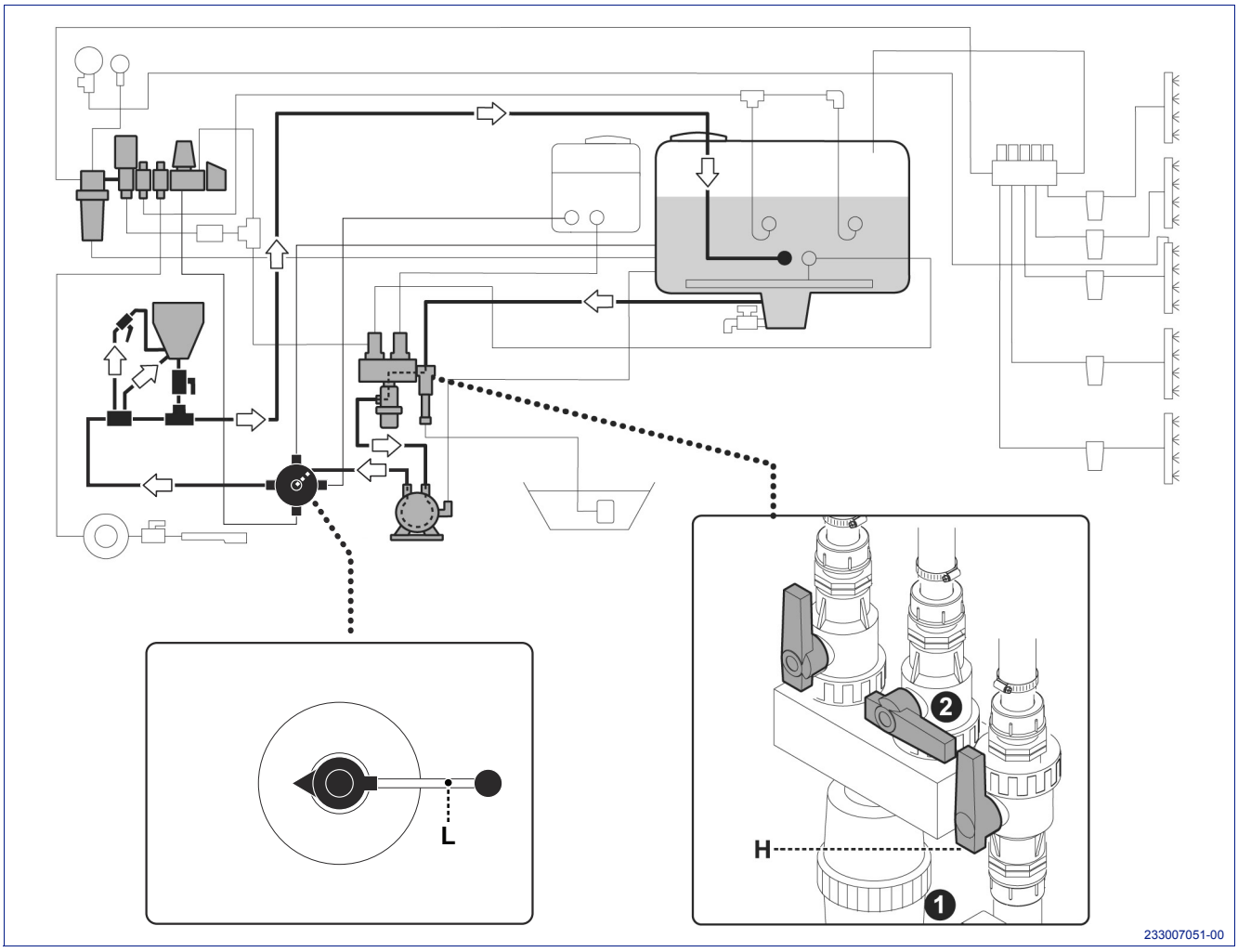
PRODUCT MIXING



To mix the product, follow the procedure below:

1 - Make sure that the system is clean and pour the necessary water for the treatment into the main tank (see page 22 water filling with tank filling hose).
If the main tank contains a suitable quantity of water, go on to the following steps with valve lever (**H**) in position 2

2 - Lower the Mixer in order to facilitate the product preparation steps

3 - Place the valve levers **(L)** in the position shown.

4 - Activate the pump.

5 - Carry out the operations for the preparation and mixing of the chemical (see leaflet 5).

6 - When the operation is complete, raise the mixer.

SPRAYING

Important

The environment and field conditions of the area where you plan to operate have to be checked every time the equipment is set up for spraying.

Evaluate the following requirements.

- Check whether or not there are electric lines and assess the risks of contact with the spraying booms.
- Check the gradient of the land so as to evaluate the most suitable conditions for operating in safety. Always bear in mind the maximum gradients allowed.

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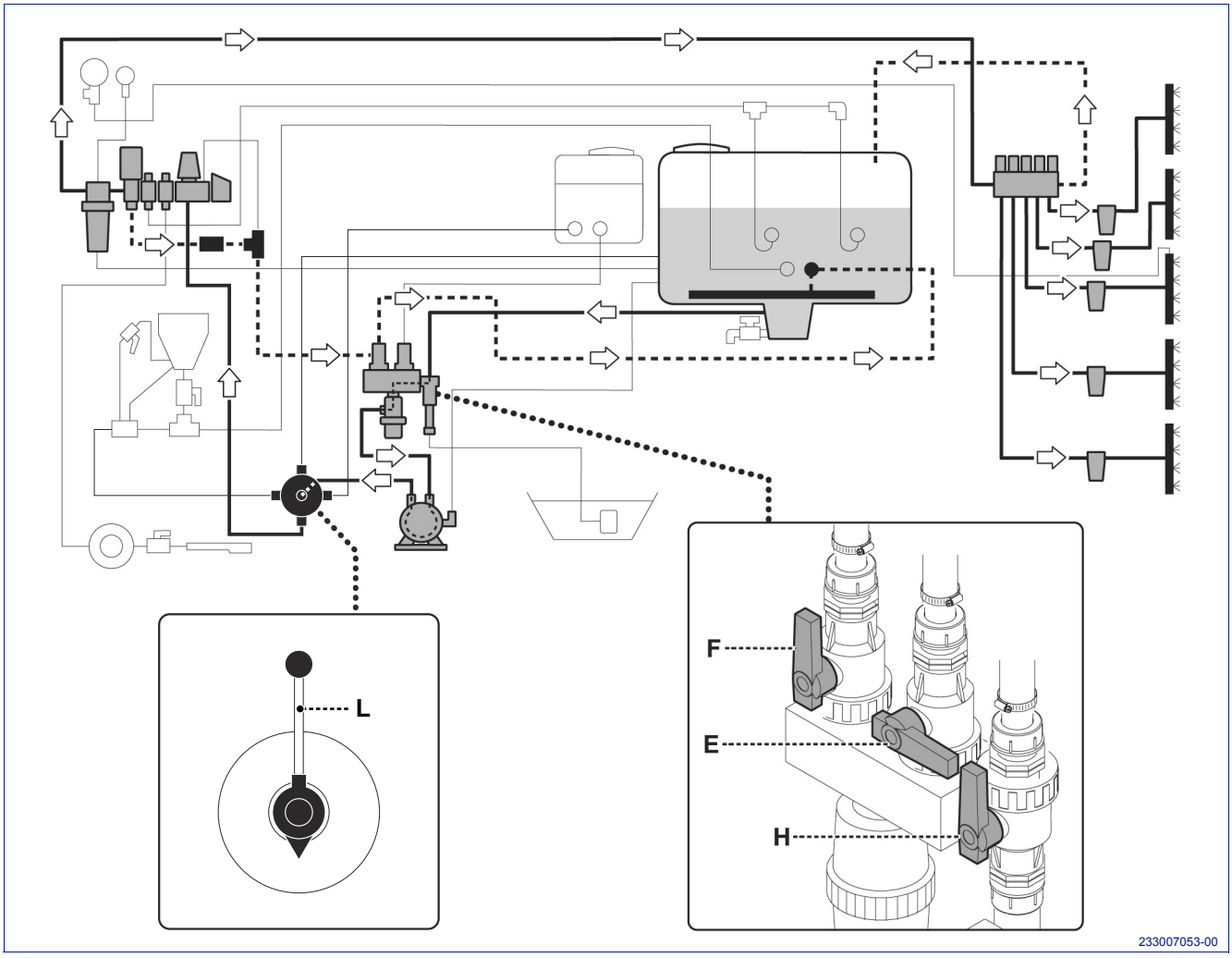

- In the event of spraying while moving crosswise to the slope, follow the instructions extremely carefully:

Boom unfolding stage: always unfold the uphill boom first, and then the downhill boom.

Boom folding stage: always fold the downhill boom first, and then the uphill boom.

- Never leave the downhill boom alone unfolded.
- Keep the forward speed moderate (max. 8-10 km/h) to prevent the booms from swinging and to keep spraying even.
- Before you start spraying an area, make sure there is enough product in the tank.
- It is important to be up to date with the weather conditions while spraying. Wind speed should not exceed 5m/sec.

Proceed as follows for spraying:

1 - Place valve levers **(E-F-H-L)** in the position shown.

2 - Connect the tractor PTO (max. 540rpm).

3 - Unfold the spraying boom.

4 - Select the sections of the boom that correspond to the area to be sprayed.

5 - Use the switch of the control board to supply the boom and start the tractor

Important

If it is windy, (even below the maximum limit of 5 m/sec) to prevent the product from drifting, keep the boom low and increase the size of the droplets.

Danger - Warning

Prevent outsiders from approaching the working area when the equipment is in use. If necessary, stop spraying immediately and get the people in the risk area to move away.

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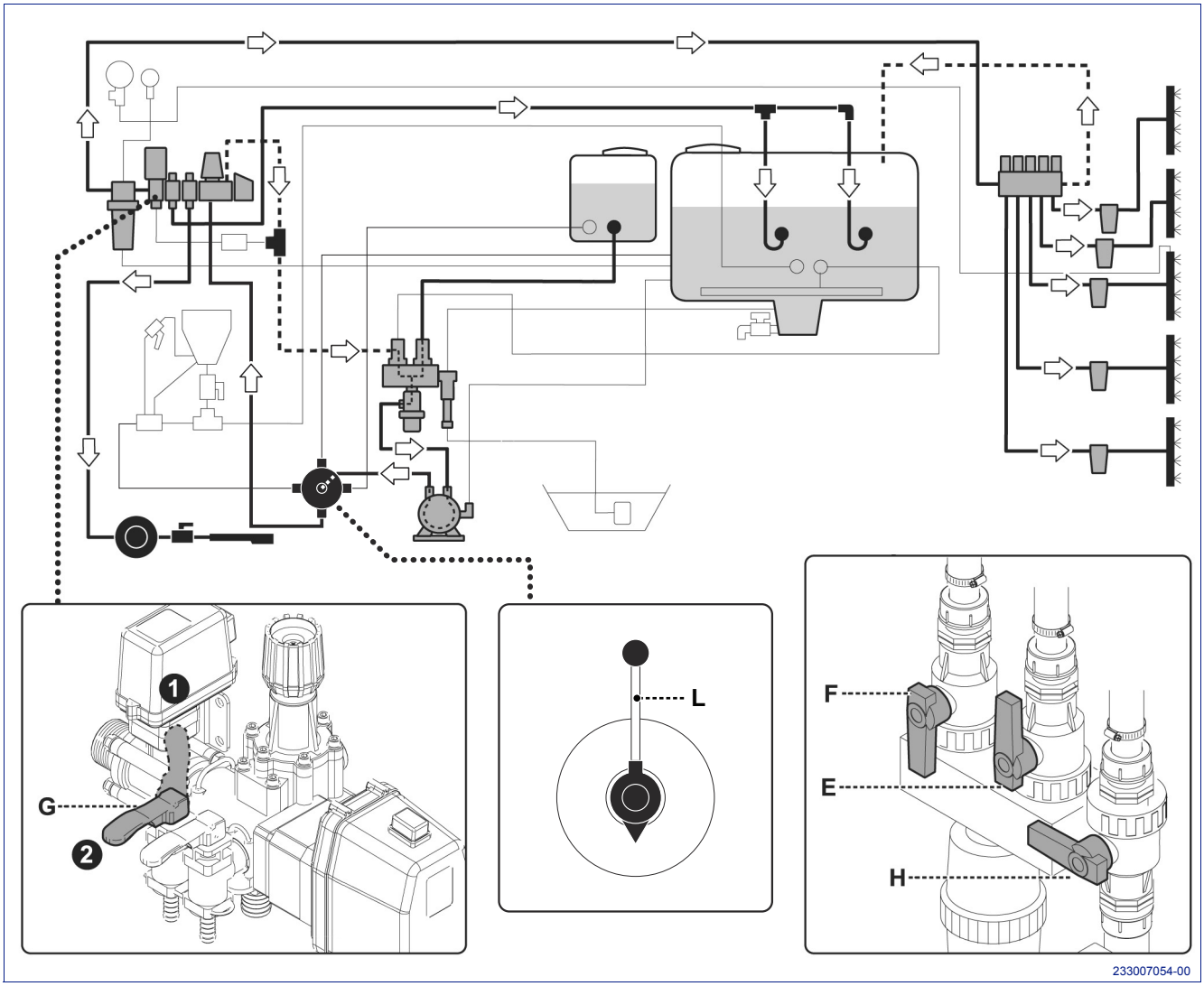
SYSTEM WASHING AND EMPTYNG OF RESIDUAL VOLUME



Caution - Warning

Pollutant substances must be properly disposed of in compliance with current legislation. Special care should be taken to avoid polluting waterways and groundwater with spraying chemicals. Keep product out of reach of children.

Important

Residual volume is the leftover liquid that cannot be suctioned up and remains on the bottom of the tank.

- Pour clean water into the tank, diluting residual product in a ratio of 1:10.
- Spray all the retrievable product onto a surface.

Washing and emptying of the residual volume may be carried out in various ways according to the set-up of the machine.

- Without tank inside washing kit.
- With tank inside washing kit.

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Without tank inside washing kit

1 - Place valve levers **(E-F-H-L)** in the position shown.

2 - Remove the main lid of the tank and clean the walls with a jet of water.

Important

Bear in mind that there must be a 1:10 ratio between the residual volume and the water used for cleaning.

3 - Start the water pump.

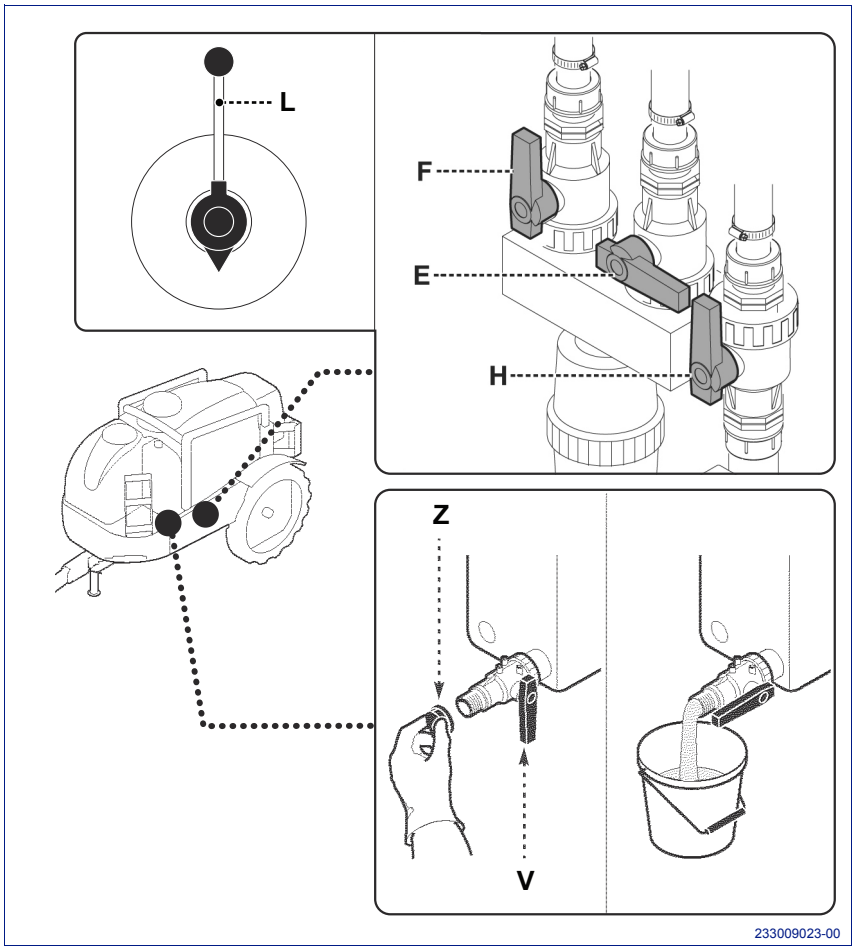
4 - Wash the Mixer and pipes (see Mixer booklet).

5 - Set machine up for spraying (see "Spraying" page 24).

6 - Spray all retrievable liquid onto an area to be treated.

7 - Remove the cap **(Z)**, place a receptacle beneath the valve **(V)** and open the lever to drain off the residual liquid.

8 - Close the lever again **(V)** and replace the cap **(Z)**.



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With tank inside washing kit

1 - Place valve levers **(E-F-H-L)** in the position shown.

2 - Connect the PTO for ~ 5 sec. and bring the valve lever **(G)** to position 1 to wash the inside walls.

3 - Return the valve lever **(G)** to position **2**.

Important

Bear in mind that there must be a 1:10 ratio between the residual volume and the water used for cleaning.

4 - Wash the Mixer and pipes (see Mixer booklet).

5 - Set machine up for spraying (see "Spraying" page 24).

6 - Spray all retrievable liquid onto an area to be treated.

7 - Remove the cap **(Z)**, place a receptacle beneath the valve **(V)** and open the lever to drain off the residual liquid.

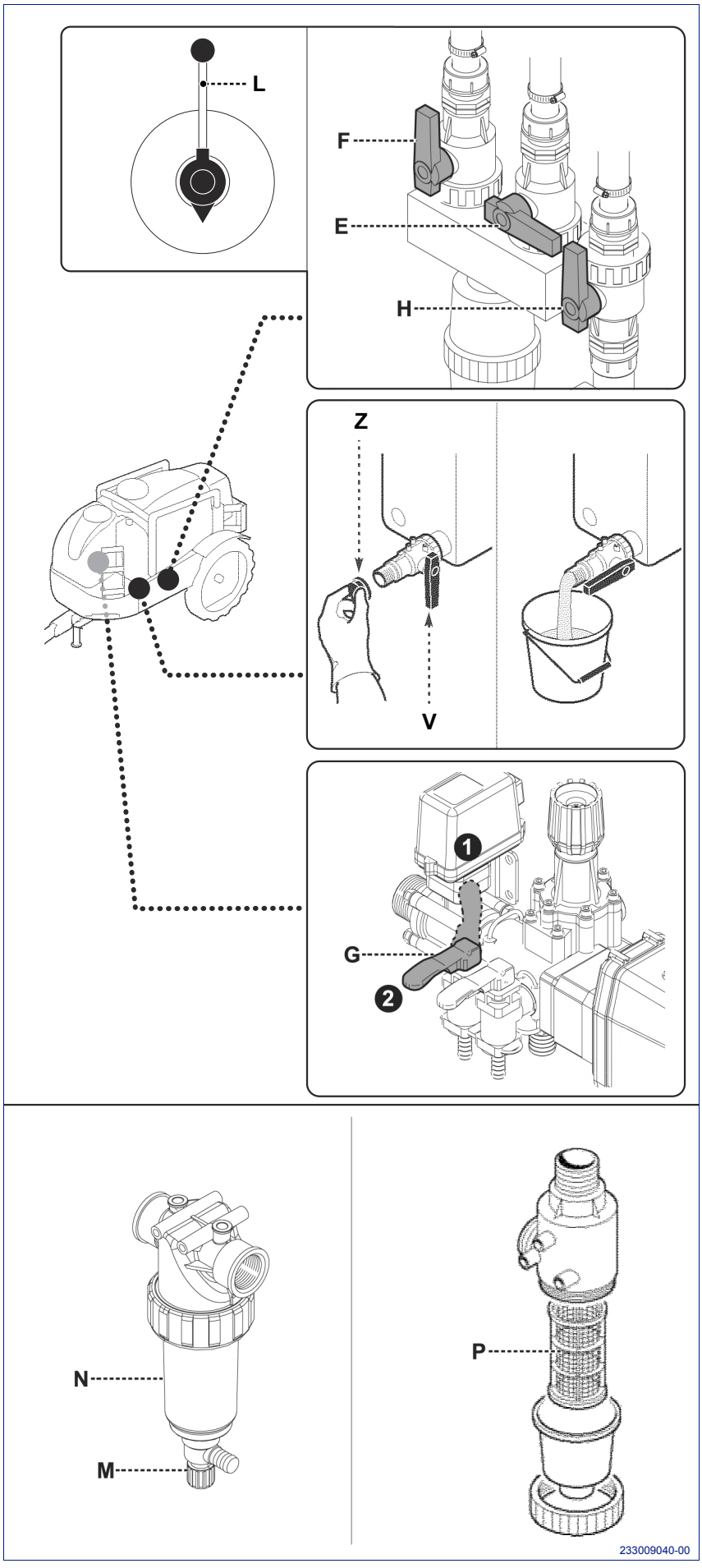
8 - Close the lever again **(V)** and replace the cap **(Z)**.

9 - Open valve (**M**) to clean filter (**N**).

10- Remove the intake filter (**P**), mesh size 0.25 mm, and wash it with a water jet.

11- Remove the in-line bar filters (see leaflet 9) and wash them with a water jet.

12- Wash the outside of the tanks and the areas in contact with the product with a water jet.



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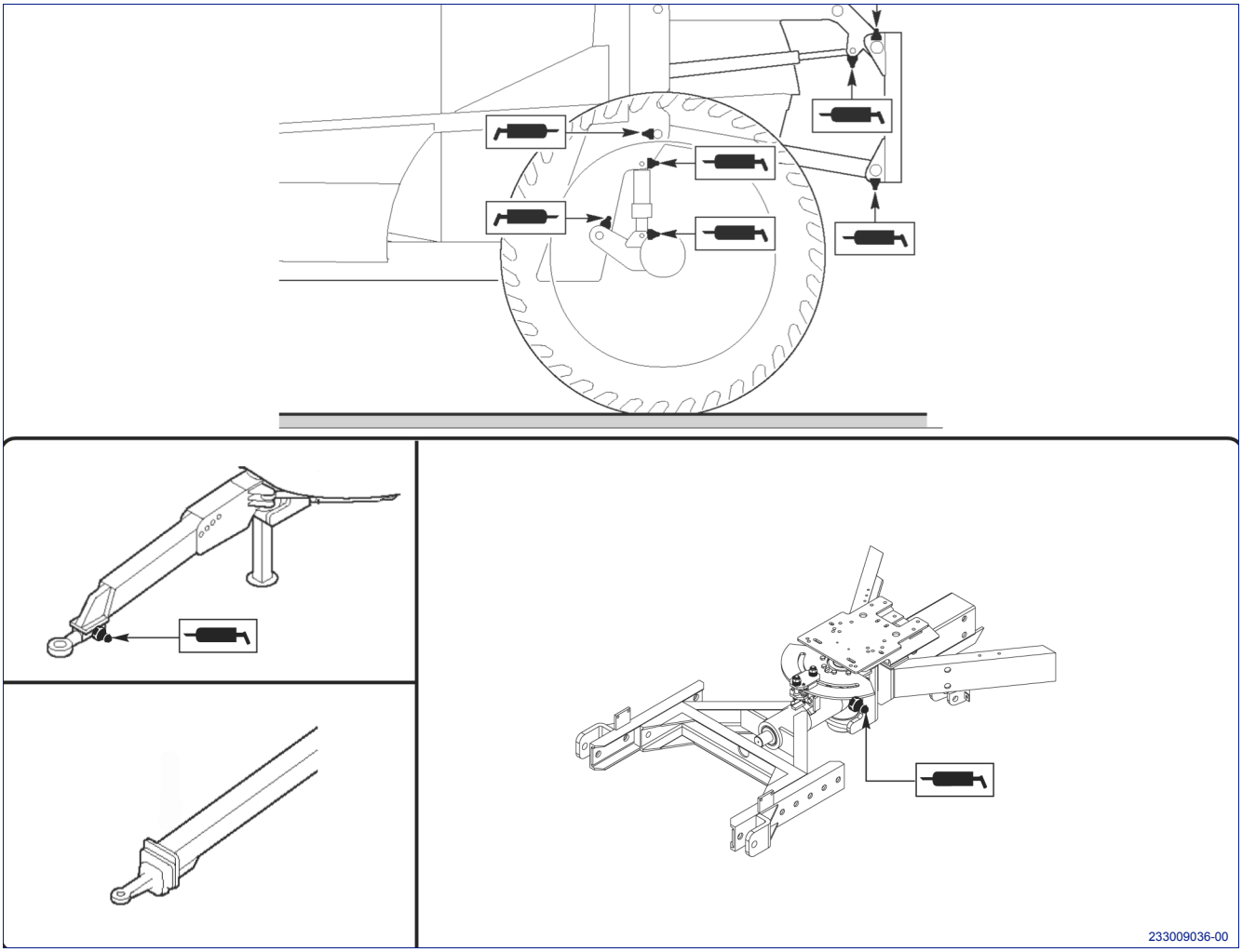
INFORMATION ABOUT REPLACEMENTS

LUBRICATION POINTS DIAGRAM

Oil all greasing points and sliding surfaces, particularly whenever the system is washed.



Use PERSIAN POLIGREASE 2 grease

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