

1.1.2 Validity of instructions

The present Manual applies to the following machine / front attachment:

Designation	Type	Machine serial number	
		from	to
DOMINATOR 150	200	200 00011	—
DOMINATOR 140	200	200 00011	—
DOMINATOR 130	156	156 00011	—

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1.1.3 Specifications

Technical data, dimensions and weights are given as an indication only. CLAAS reserves the right to make changes subsequently as technical developments continue. Responsibility for errors or omissions not accepted.

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1.1.4 Road traffic regulations

Road traffic regulations may vary between countries. In case of discrepancies between the instructions provided by the manufacturer and the traffic regulations of the relevant countries, the traffic regulations of the countries concerned apply.

The information below mainly refers to the Federal Republic of Germany.

Before driving on public roads, the self-propelled working machine usually needs an operating permit and a special approval.

When driving the self-propelled working machine on public roads and lanes, all conditions of the operating permit and of the special approval must be observed.

Documents to be carried on the machine

In addition to his driving licence, the operator must always carry the original of the operating permit and of the special approvals.

Objects to be carried on the machine

A warning triangle must be carried on all self-propelled working machines.

On all commercially used machines, a warning triangle, a warning light and a first-aid box must be carried along.

Furthermore, at least one wheel chock must be carried on vehicles with an allowed total weight above 4 t.

CLAAS self-propelled working machines are usually equipped with 1 rigid or 2 folding wheel chocks. These may be used on the front wheels only.

2.1.2 Access to the workplace and maintenance areas

The operator's workplace / driver's seat (1) is in the machine cab. The operating elements in the workplace are used to start or shut down the machine.

The machine maintenance areas allow maintenance or adjustment work to be performed.



Danger!

Danger of falling!

Death or serious injuries!

- Only enter areas that are designated as workplaces or maintenance areas and are secured by railings or similar.
- Other areas must be secured by additional rails / safety measures before they are entered.

- Enter the workplace in the cab via the front ladder (2) and via the maintenance area at the left-hand operator's platform (3).



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Antifreeze must not come in contact with the environment.

- Collect antifreeze in a suitable container!
- Dispose of antifreeze in a way that is harmless to the environment and in accordance with existing anti-pollution regulations.

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3.1.21 First aid measures

Inhaling:

- Make the person inhale fresh air and consult a doctor, depending on the symptoms.
- Remove the person from the hazard area.

Eye contact:

- Thoroughly flush with water for several minutes. If necessary, consult a doctor.

Skin contact:

- Thoroughly clean with plenty of water and soap and remove polluted and soaked clothing immediately, consult a doctor if skin is irritated (redness etc.).

Swallowing:

- Do not cause vomiting, consult a doctor immediately.

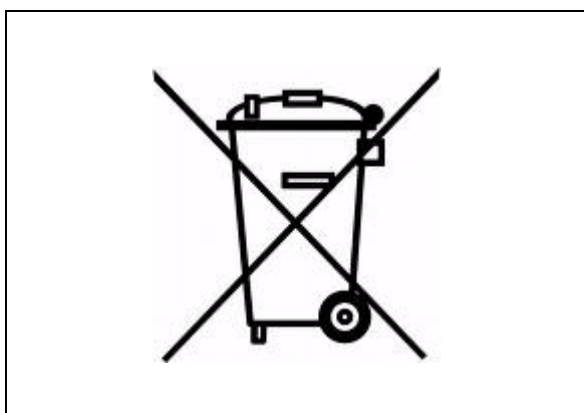
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3.1.22 Decommissioning and disposal

When the machine (or its components) reaches the end of its useful life and is surrendered as scrap, the components must be disposed of in the correct manner. The regulations of the local authorities responsible must be observed.

The operating materials in the machine require special disposal and must not be released into the environment. More information on disposal can be obtained from the local authorities responsible, your CLAAS dealer or the CLAAS service department.

- Do not dispose of products marked with the symbol (1) in your domestic waste at the end of their service life.



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3.3.7 Separation

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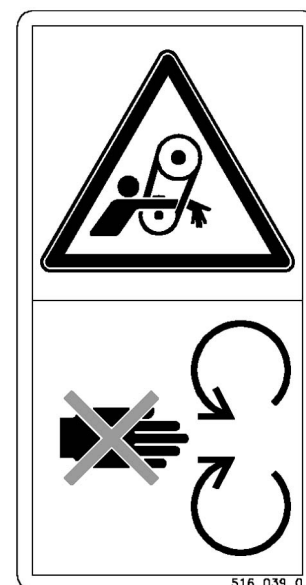
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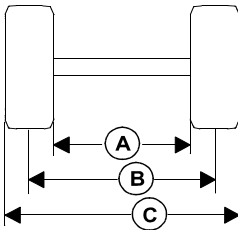
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Do not open or remove safety shields while engine is running.

LA-P	Rear axle position, 1 = bottom hole 2 = top hole 3 = rear axle rise								
FW	Flange width								
A	Width between the tyres								
B	Track width								
C	Width over tyres								
	Tyres	DOMINATOR			LA-P	FW (mm)	A (mm)	B (mm)	C (mm)
		150	140	130					
Rear axle 00 0649 950 1	11.5/80-15.3 IMP	•	•	•	1	2291	2041	2331	2621
		•	•	•	1	2491	2241	2531	2821
		•	•	•	1	2691	2441	2731	3021
	12.5/80-18 IMP (320/80-18)	•	•	•	2	2291	2041	2361	2681
		•	•	•	2	2491	2241	2561	2881
		•	•	•	2	2691	2441	2761	3081
	14.5/75-20 IMP(360/80-20)	•	•	•	2	2291	1986	2351	2716
		•	•	•	2	2491	2186	2551	2916
Rear axle 00 0770 350 1	9.5-24 R1			•	3	2391	2200	2441	2682

4.1.8 Brake

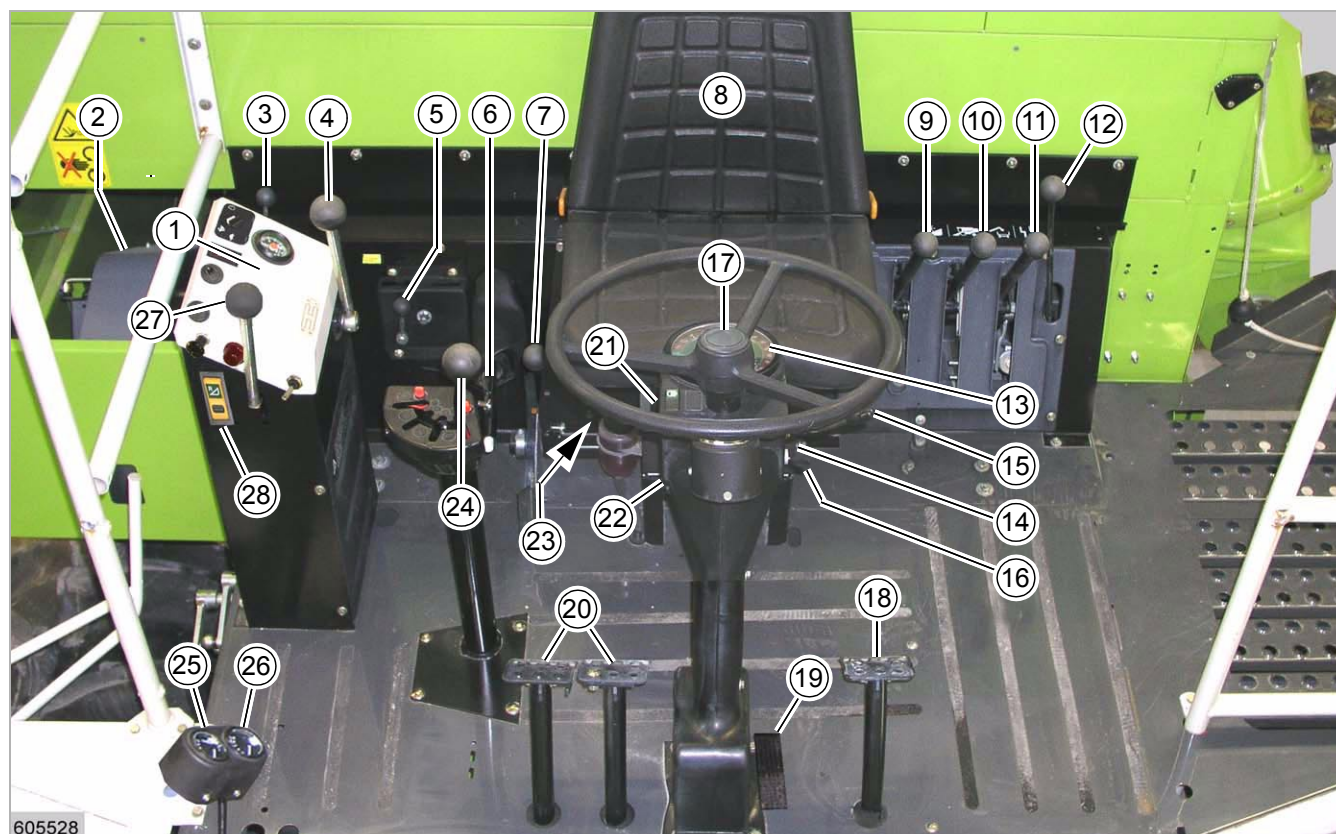
Designation	DOMINATOR			
	150	140	130	
Foot brake	•	•	•	Hydraulically actuated brakes, also designed to work as independent brakes
Parking brake	•	•	•	mechanical, independent of foot brake

4.1.9 Steering

Designation	DOMINATOR			
	150	140	130	
Steering, type	•	•	•	hydrostatic

7.2 Cab / Operator's platform

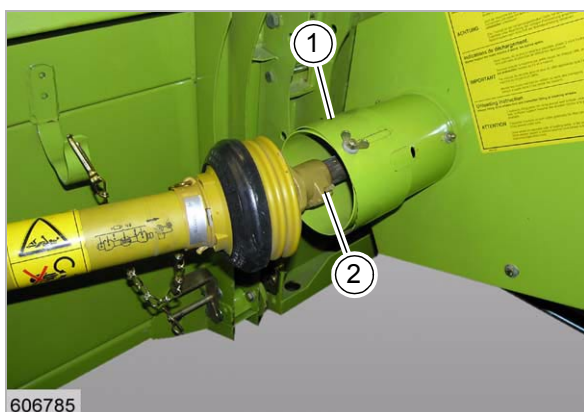
7.2.1 Overview of operator's platform (DOMINATOR 130)



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	Designation
1	Switch console
2	Returns inspection door
3	Reel speed adjustment crank
4	Gearshift lever
5	Returns inspection door lever
6	Handbrake lever
7	Concave adjusting lever
8	Operator's seat
9	Switches front attachment on and off
10	Switches threshing mechanism on and off
11	Engaging / disengaging the grain tank unloading
12	Grain tank unloading tube swing out / in
13	Combined instrument gauge
14	Hazard warning flasher switch
15	Turn flasher and horn switch
16	Tachometer, gearbox input shaft speed and threshing drum speed switch



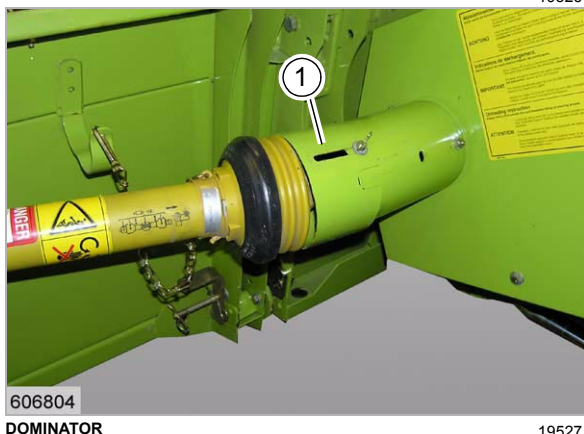
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**Danger!**

Rotating universal drive shafts.

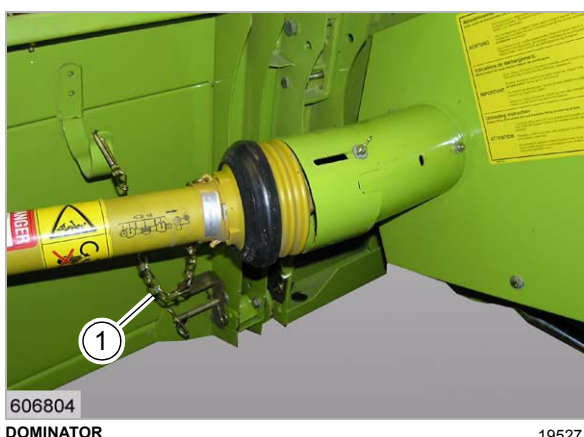
Death or serious injury.

- Check for secure latching of the locks or locking pins.
- Never operate universal drive shaft without protective guard.
- Replace defective protective guards on the universal drive shaft immediately.
- Observe the recommendations of the drive shaft manufacturer.



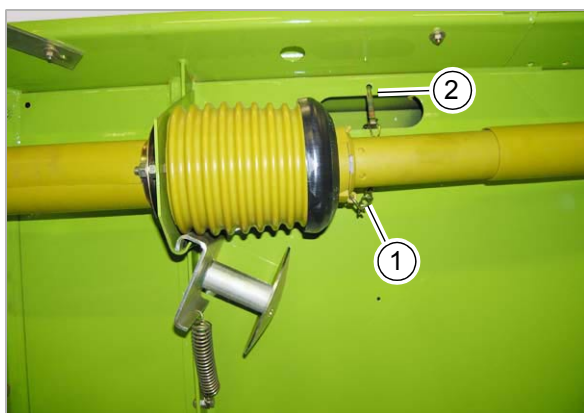
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- Push back or swing up protective guard (1), depending on the version.
- Push in the locking pin (2).
Slide universal drive shaft onto the drive pin.
- Pull out or fold down protective guard (1), depending on the version.



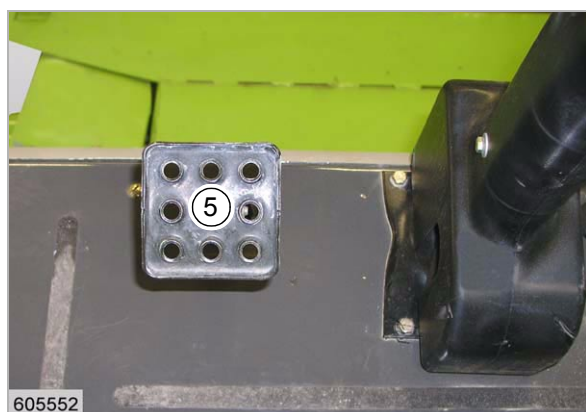
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- Turn universal drive shaft in such a manner that the chain (1) does not wrap around the universal drive shaft more than 90°.
If necessary, cut off excess length of the chain (1) or hang chain (1) so that it is shorter.

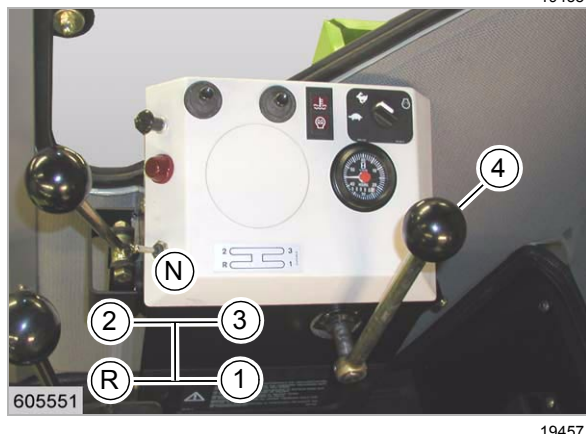


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- Hang chain (1) on the bracket (2).
- Turn universal drive shaft in such a manner that the chain (1) does not wrap around the universal drive shaft more than 90°.
If necessary, cut off excess length of the chain (1) or hang chain (1) so that it is shorter.



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- Depress the clutch pedal (5) fully.
- Using the shift lever (4), adjust the machine to the desired switch position.

	Gear	Designation
N		Neutral position
R		Reverse gear
1	1st gear	Fieldwork gear
2	2nd gear	Fieldwork gear / road gear
3	3rd gear	Road gear

- Release parking brake if required.
- After the gear has been engaged, release pedals of foot brake and slowly release the clutch pedal. Take the foot off of the clutch pedal (5), thus avoiding unnecessary clutch drag.

The clutch engages and the machine starts off.



Note!

Shift lever locks during shifting.

Gear is difficult to engage.


- Release parking brake if required.
- Release foot brake pedals.
- Slowly release the clutch pedal.
- Depress the clutch pedal fully.
- Depress the foot brake pedals downwards.
- Set shift lever to desired shift position.

9.3.5 Adjusting the ground speed control lever actuating resistance (DOMINATOR 150 / 140)

- Observe the general warnings at the beginning of the "Driving and transportation" chapter.

11.7 Separation

11.7.1 Adjusting the deflector curtain

- Observe the general warnings at the beginning of the "Fieldwork" chapter. 

The deflector curtain (1) can be height-adjusted on the right side of the machine, using a chain.

In the basic grain setting, the deflector curtain is hanging down freely.

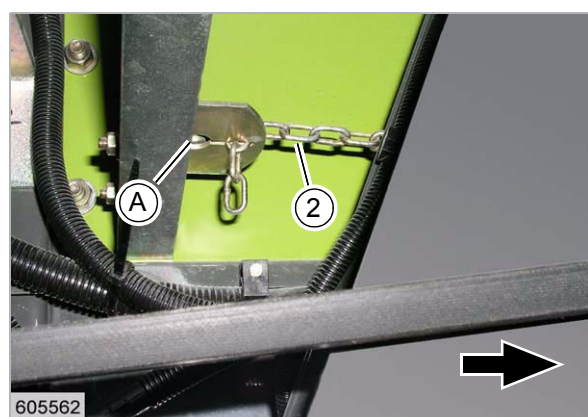
Raise the curtain in heavy, long-strawed crops and where a lot of greenstuff is encountered.

It is essential to lower the curtain again in short-strawed light crops.



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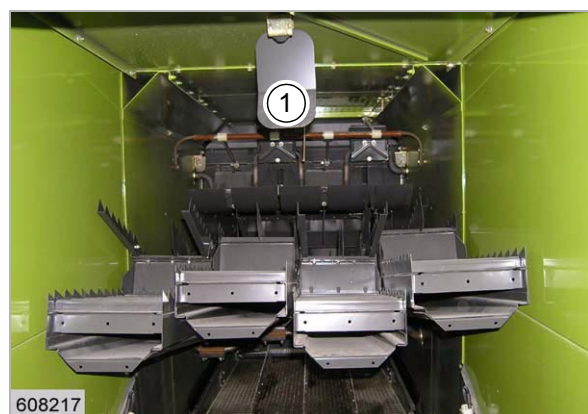
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- Unlock chain (2) at position (A) and adjust its length.

The deflector curtain can be set higher or lower.

The deflector curtain can yield to the rear.

- Lock chain (2) at position (A) after the adjustment.



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11.7.2 Observe the straw blockage warning downstream of the separation stage

In case of a straw jam downstream of the separation stage, cover (1) is actuated and the horn on the operator's platform produces a horn tone.



WARNING:

Straw plug.

Machine damage.

- Immediately stop the machine and remove straw plug.

11.11.2 Threshing table

Type 200 / 156	Clearance Feed roller - cutterbar trough	Position of intake finger	Disawner bars	Main concave	Threshing drum speed	Concave clearance lever (H)	Wind board
Crop	mm	hole from the bottom	0 = removed 1 = installed	0 = Grain 1 = Maize 2 = Rice	rpm	Hole from above	hole from the bottom
Wheat	15	3rd	0	0	1200	3rd	2nd
Rye	15	3rd	0	0	1300	3rd	2nd
Winter barley	15	3rd	1	0	1400	2nd	2nd
Spring barley	15	3rd	0	0	1400	2nd	2nd
Oats	20	3rd	0	0	1250	4th	2nd
Rice	15	3rd	0	2	850	6th	2nd
Spelt	15	3rd	0	0	1200	3rd	2nd
Triticale	20	3rd	0	0	1350	3rd	2nd
Field beans	20	3rd	0	1	825	8th	2nd
Dwarf beans	20	3rd	0	1	615	9th	2nd
Peas	15	3rd	0	0	650	9th	2nd
Soybeans	15	3rd	0	1	650	4th	2nd
Sunflowers	15	3rd	0	1	650	4th	2nd
Grain maize	25	-	0	1	650	9th	2nd
CCM/Maize concave	25	-	0	1	700	9th	2nd
Rape / Bird rape	20	3rd	0	0	750	6th	2nd
Millet	15	3rd	0	0	725	6th	2nd
Linseed	15	3rd	0	0	1000	4th	2nd
Clover / Lucerne	15	3rd	1	0	1200	2nd	2nd
Common meadow grass	15	3rd	0	0	1100	2nd	2nd
Ryegrass	15	3rd	0	0	1000	2nd	2nd
Meadow fescue	15	3rd	0	0	1000	2nd	2nd
Cocksfoot	15	3rd	0	0	1000	2nd	2nd

- = use is not possible

This information represents guideline values and may deviate in differing harvesting conditions.

13.2.18 Cleaning of surfaces with decals applied**Caution!**

Cleaning areas where adhesives have been applied with a high-pressure jet cleaner.

The decals will be damaged.

- Avoid cleaning with a high-pressure jet cleaner.
- Clean such areas with a high-pressure jet cleaner only from a sufficient distance.
- Set the water pressure and the water temperature as low as possible.
- Do not stress decals mechanically when cleaning.
- Replace damaged and illegible decals (hazard warning signs / safety decals / lettering) immediately.

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13.2.19 Winter storage instructions for combines

Winter storage of the machine after the harvest is necessary in order to protect the capital invested into the machine. Thorough and conscientious maintenance and cleaning and the replacement of worn or damaged parts at this point will save time and money when the machine is required for operation again.

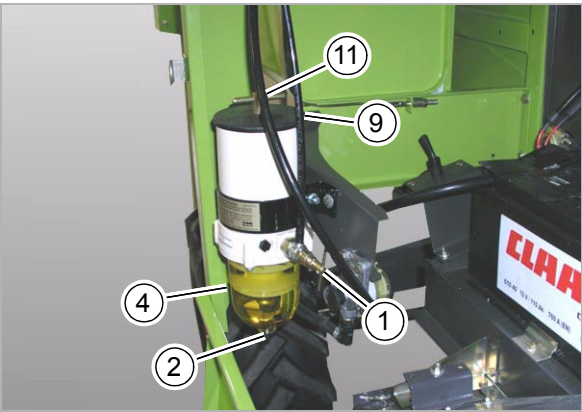
**WARNING:**

Cleaning of front attachment / machine with water.

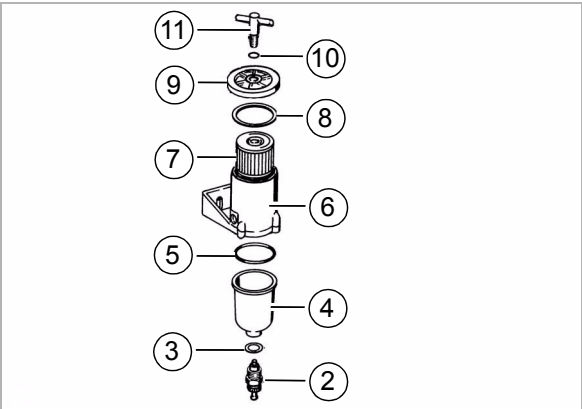
Material damage by corrosion.

- Avoid cleaning with water.
- Before and after cleaning with water grease all grease points.
After that, let the front attachment/machine run for some minutes.
- Do not clean hollow spaces and cable leadthroughs with water.

- Clean the machine thoroughly inside, particularly the threshing drum, concave, the space behind the drum, the preparation floor, return floors, straw walkers and above the cleaning fan.
- Open the elevator covers and auger troughs.
- Clean the exterior of all bearings thoroughly of grease and dust.
- Preserve the machine including the grease points to be greased at annual intervals after the harvest by pressing in brand-name grease.



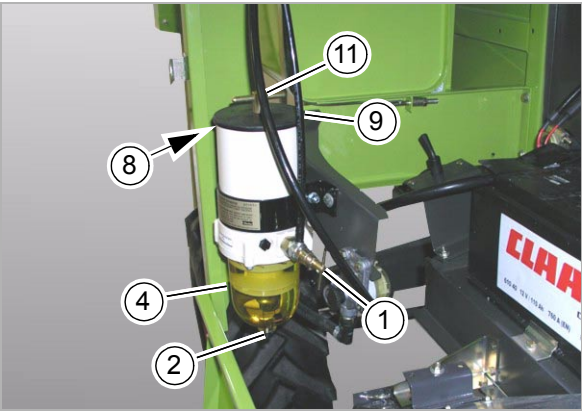
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- Drain condensation at the fuel prefilter. 👁
- Close the shut-off tap of the fuel system. 👁
- Drain fuel from filter.
 - Hold a suitable container for the remaining fuel in the sight glass (4) beneath the hose.
 - Loosen bolt (2).
 - Loosen the toggle bolt (11) by approx. 2 revolutions.
 - Collect escaping liquid in a suitable container.
 - Tighten bolt (2).
- Unscrew toggle bolt (11) and remove cover (9).
- Remove filter cartridge (7).

	Designation
2	Drain plug
3	Seal
4	Sight glass
5	Seal
6	Housing
7	Filter cartridge
8	Seal
9	Lid
10	Seal
11	Toggle bolt



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WARNING:

⚠ Use of unpermissible spare parts or lubricants.

Machine damage or increased wear.

- Spare parts and lubricants must at least comply with the technical standards required by the manufacturer of the implement!
- The use of genuine CLAAS spare parts and lubricants is recommended.

- Replace damaged seal (8).
- **Observe installation position of seal!**
- Install new filter.
- **Press straps of the filter into the housing!**
- Tighten toggle bolt (11).
- Replace damaged seal (3).
- Tighten bolt (2).
- Open the shut-off tap of the fuel system. 👁
- Bleed fuel system. 👁

**Danger!**

Improperly adjusted brake system.

Death or serious injuries!

- Adjustment, repairs and service work on the brake system may be performed only by authorised specialist workshops.
- Comply with instructions.



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Check the adjustment of the parking brake (1).

The parking brake is correctly adjusted if the brake takes effect after the first 3 to 4 teeth are actuated.

- **Ensure** that the ratchet still engages securely in the segment even after prolonged use of the machine.
- If required, adjust parking brake.
- If necessary, change segment.

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13.7.3 Adjusting the foot brake

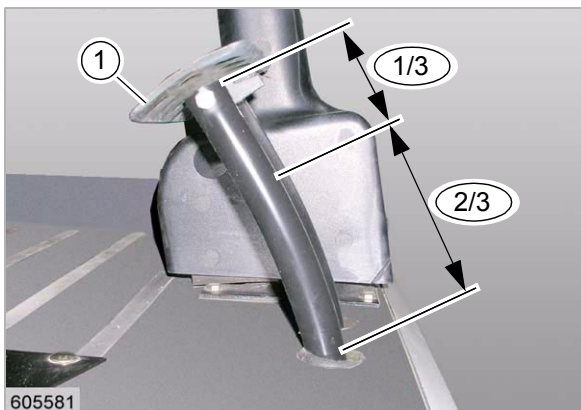
- Observe the general warnings at the beginning of the "Maintenance" chapter.

**Danger!**

Improperly adjusted brake system.

Death or serious injuries!

- Adjustment, repairs and service work on the brake system may be performed only by authorised specialist workshops.
- Comply with instructions.




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Check the adjustment of the foot brake (1).

The foot brake is correctly adjusted when the brake takes effect after depressing the pedal by one third of its path.

- Check the braking effect.
- Check the brake pads at regular intervals.
- Replace the brake pads.


13.11.3 Cleaning the cab roof units

- Observe the general warnings at the beginning of the "Maintenance" chapter. 

**Note!**

Dirty units will have reduced heating and cooling capacity.

Uneconomic use of machine.

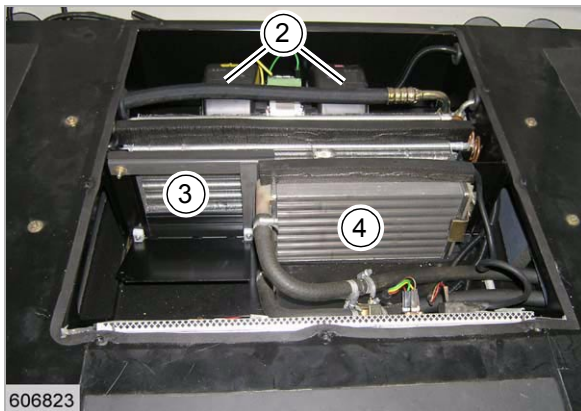
- Observe the specified maintenance intervals. 
- Clean the units more frequently when working in very dusty conditions.

**WARNING:**

Cleaning of sensitive components with excessive levels of compressed air or other cleaning means.

Component damage.

- Never direct the compressed air jet directly to sensitive components such as cooling fins or filter elements.
- Never use a steam jet cleaner for cleaning.

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- Open cab roof (1).
- Unscrew cover from cab.
- Blow out evaporator (3) and hot-water radiator (4) with compressed air (5 bar max.).
- Replace damaged seals (1) beneath the cover.
- Bolt down cover from cab.
- Close cab roof (1).

	Designation
2	Fan
3	Evaporator
4	Radiator

14.1.11 Lubrication points - 500 h on the right

