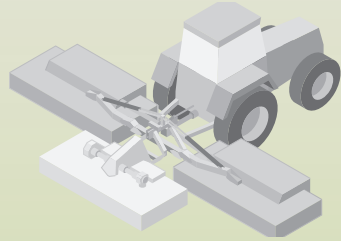


CLAAS



DISCO 8550 C PLUS / 8550 C
DISCO 8550 PLUS / 8550
DISCO 8550 C-T
DISCO 8500 C

**Assembly instructions
and operator's manual**

SERVICE & PARTS

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

When making hydraulic function connections between the tractor and machine, the female couplings and pins must be marked so that false operation is impossible! Mixing the coupling reverses the function (e.g. raise/lower) – **Safety hazard!**

Check hydraulic lines at regular intervals, and replace them in the case of damage or ageing! Replaced hydraulic lines must correspond to the technical requirements of the equipment manufacturer!

Checking for leaks is hazardous. Use suitable aids to check for leaks!

Fluid escaping under high pressure (hydraulic oil) can penetrate the skin and cause serious injuries. In the event of any injury consult a doctor immediately! – **Risk of infections!**

Before performing any work on the hydraulic system, lower the machine, release the pressure from the hydraulic system and stop the engine!

TYRES

When working on tyres make sure the machine is safely parked and secured so that it will not roll away (use wheel chocks)!

Fitting tyres and wheels requires special training and expert knowledge and the correct tools!

Repair work on tyres on wheels must only be carried out by professionals and with correct tools!

Check the air pressure regularly! Observe the recommended tyre pressure!

MAINTENANCE

Repair, service and cleaning work and the elimination of malfunctions should only be performed with the drive and the engine switched off!
– Remove the ignition key!

Wait until the cutting discs are completely motionless!

Repair work on pretensioned energy accumulators (springs, hydraulic accumulators etc.) should be carried out in specialist workshops and with suitable tools!

Regularly check nuts and screws for tightness and tighten them, if necessary!

When performing service work on the raised machine, ensure that it is supported safely using suitable supports!

Use suitable tools and wear safety gloves when replacing working parts!

Dispose of used oil and grease according to regulations!

Always disconnect the power supply before working on the electrical system!

Guards and protecting devices that are subjects to wear must be checked at regular intervals and replaced in good time!

Spare parts must at least comply with the technical standards required by the manufacturer of the implement! Original spare parts, for instance, are manufactured to meet these standards!

Before performing electrical welding work on the tractor and mounted implements, always disconnect the leads from the battery and alternator!

SOUND PRESSURE LEVEL

If the sound pressure level at the driver's ear exceeds 85 dB (A) (see »Specifications«) then ear muffs must be worn.

$$T_{Htat} = G_{tat} - T_{Vtat}$$

Calculation of the real rear axle load



Note:

Record the calculated real front axle load and the permissible rear axle load of the tractor into the table.

Tyre load carrying capacity

Record double the value (two tyres) of the permissible load carrying capacity into the table (see, e.g. *Documentation from the tyre manufacturer*).

TABLE	Real value according to calculation	Permissible value according to operating instructions	Double permissible tyre load carrying capacity (two tyres)
Minimum ballasting front/rear	<input type="text" value="/"/> kg	---	---
Total weight	<input type="text" value=""/> kg	<input type="text" value=""/> kg	---
Front axle load	<input type="text" value=""/> kg	<input type="text" value=""/> kg	<input type="text" value=""/> kg
Rear axle load	<input type="text" value=""/> kg	<input type="text" value=""/> kg	<input type="text" value=""/> kg



Note:

The minimum ballasting has to be attached to the tractor either in the form of a mounted implement or ballasting weight.

The calculated values must be less than or equal to (\leq) the permissible values.

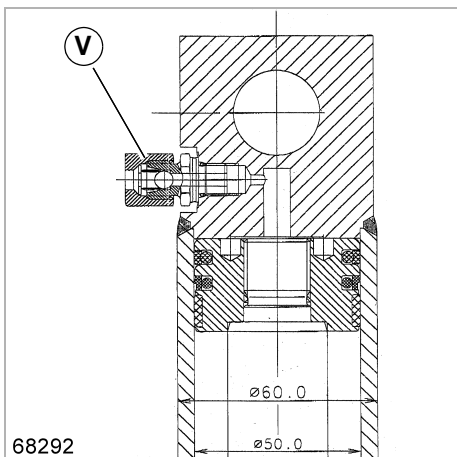


22

Installation of Adapter (B03 0030)

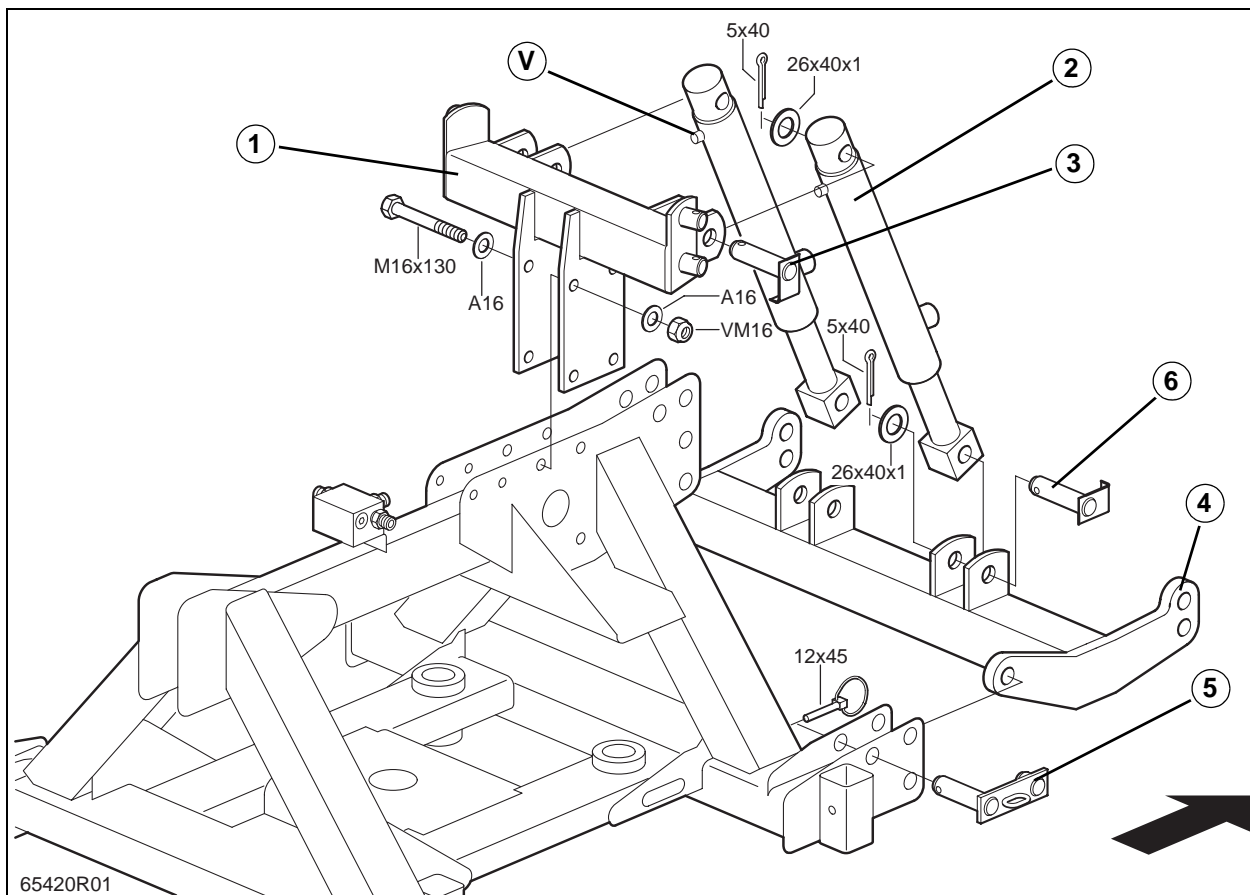
The adapter B03 0030 must be fitted in order to be able to attach the front mower to the mounting frame.

- Install support (1) for the flotation spring attachment using hex. head bolts (M 16x130), washers (A 16) and securing nuts (VM 16).
- Withdraw the piston rod from hydraulic cylinder (2). For this unscrew the complete vacuum valve (V) with male connector – see page 6.10, »Hydraulic cylinder with vacuum valve«. **NOTE:** The vacuum valve is stuck together with the male connector. These parts must not be detached from each other!
- Attach hydraulic ram (2) with pin (3) and secure using a split pin. **NOTE:** The vacuum valve (V) of the hydraulic cylinder must face rearward to prevent any risk of water ingress.
- Fit adapter (4) to the rear hole with pin (5) and secure using a lynch pin. To achieve a higher cut of the front mower it may be necessary to attach the adapter to the front hole.
- Fit hydraulic ram (2) with pin (6) to the straps of the adapter and secure using a split pin.



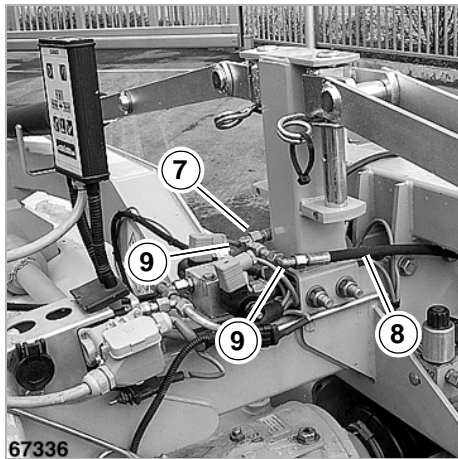
23

(Fig. 22-24)



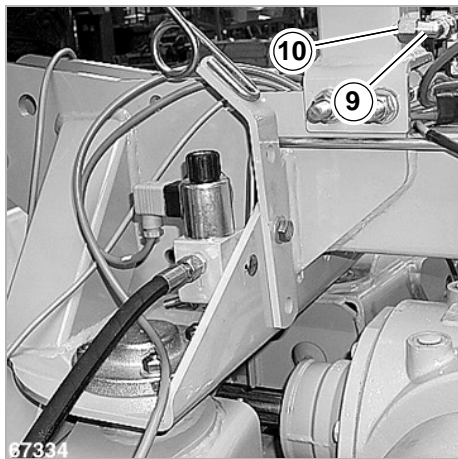
65420R01

24



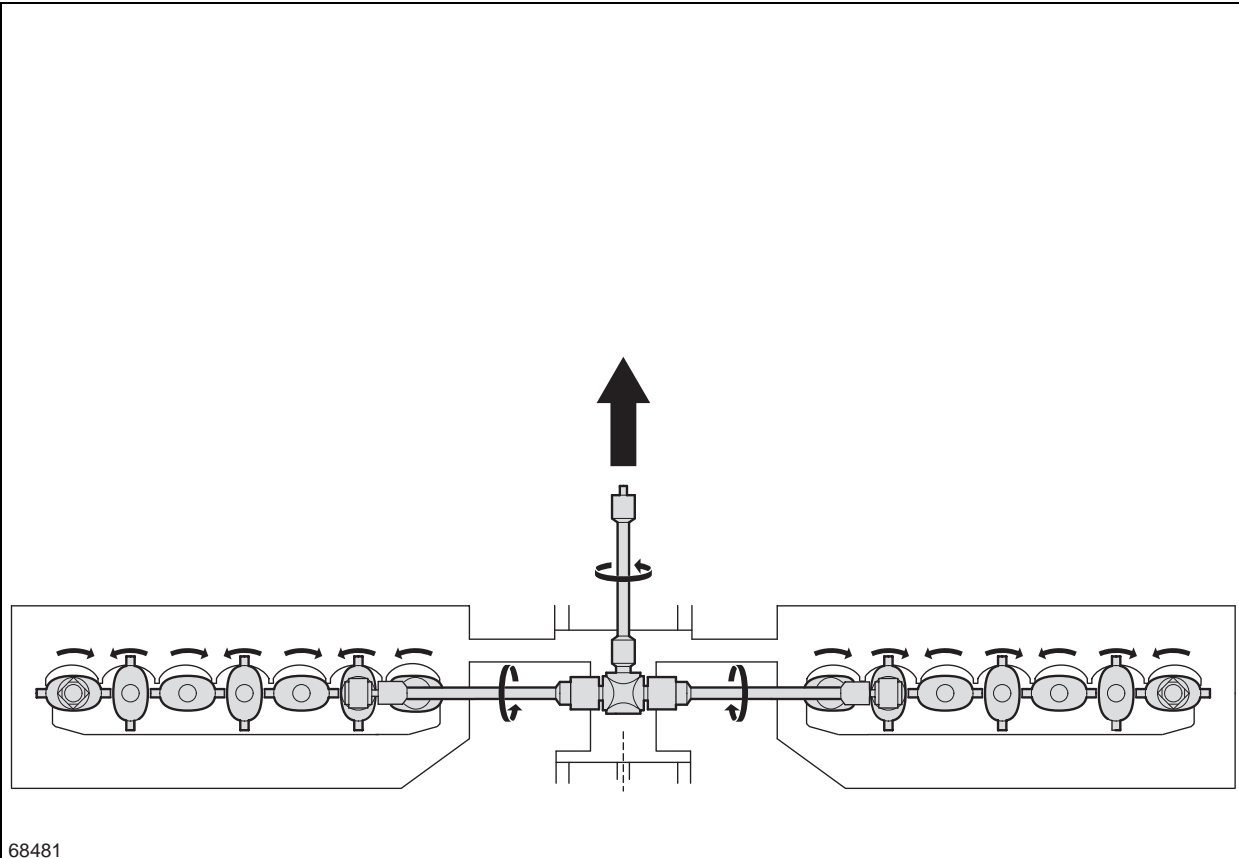
45

Remove the hydraulic hose on the left (7) and right (8) and close off the elbow support (9) with stoppers (10).
(Fig. 45, 46)



46

DISCO 8550 Plus / 8550



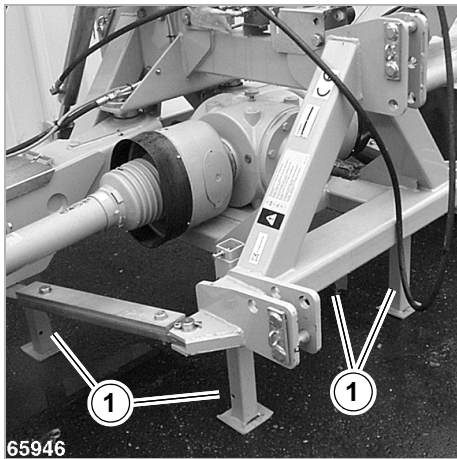
CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



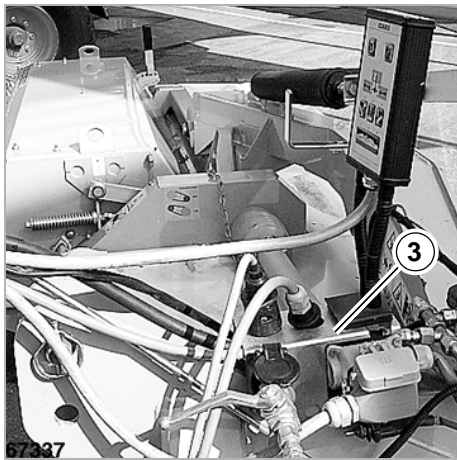
- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL



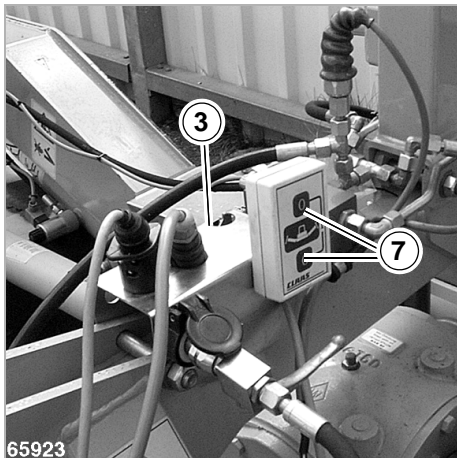
103

DISCO 8550 C Plus / 8550 C / 8550 C-T



104

DISCO 8550 Plus / 8550 / 8500 C



105

DISMANTLING THE MOWER



Note:

Only store the cutting unit on a firm and level area.

Parking the Machine in a Folded-Out Condition

- Fold the side mowers down onto the ground.
- Slide the stabiliser feet (1) down and secure in position with the pins (Fig. 103).
- Lower the mower onto the ground using the three-point linkage.
- Detach the upper and lower control arms.
- Uncouple the universal drive shaft and suspend from the headstock with the chain.
- Disconnect hydraulic and electrical connections. Attach plug, hydraulic hose and control box to hose support (3). Ensure that the operating console is located vertically in the hose holder (Fig. 104, 105).

ATTENTION! Protect control box from moisture!

- Drive tractor away.

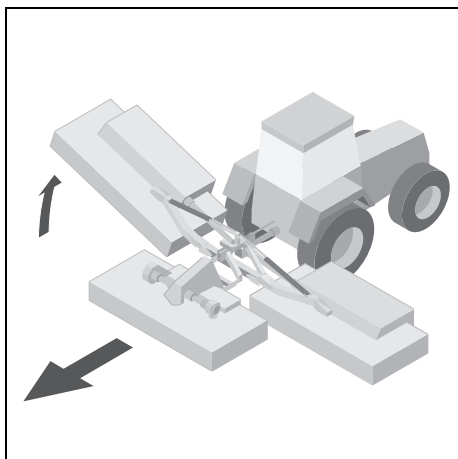


Note:

DISCO 8550 Plus / 8550 / 8500 C:

When storing the machine for a prolonged idle period be sure that both indicator lamps (7) of the control box are not illuminated. The electric connection to the tractor must be cut.

(Fig. 105)



4

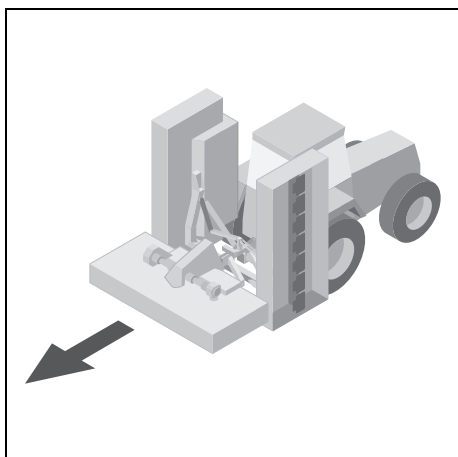


Raise / lower right-hand mower.



Note:

After selection the indicator lamp for the key pressed illuminates red. The green indicator lamp on the lower key goes out.



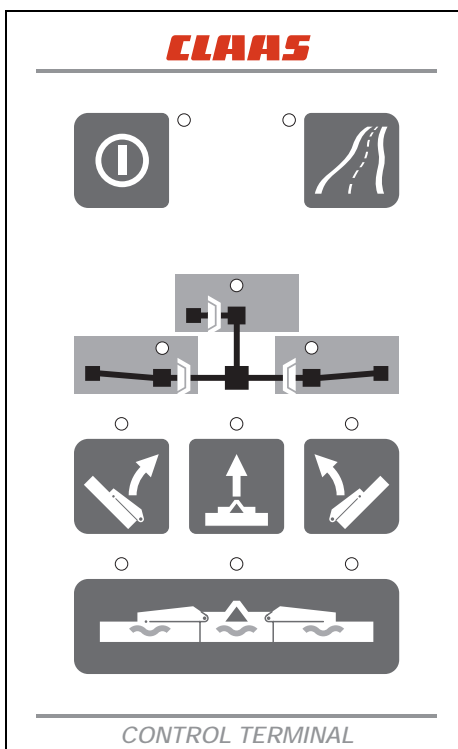
5



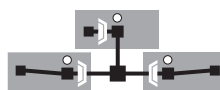
Swivel the mower to transport position.

The key indicator lamps illuminate red.

After pressing this key, the controller will automatically switch off after 2 minutes.



6



The indicator lamps illuminate if a propeller shaft joint blocks.

Lift up the corresponding mower immediately and switch off the mower. Rectify the blockage.



Danger!

Always switch off the drive and the motor before removing blockages or foreign bodies. Only leave the machine when all mowing blades and conditioning drums have come completely to a standstill.



38

Transport Position

Fold up the guard cloths at either side. Then lift the mowing unit.

Swing the mower into the transport position using the single-acting control valve. Apply pressure until the side mower is completely raised and the lamps on the control panel are extinguished.

(Fig. 38)



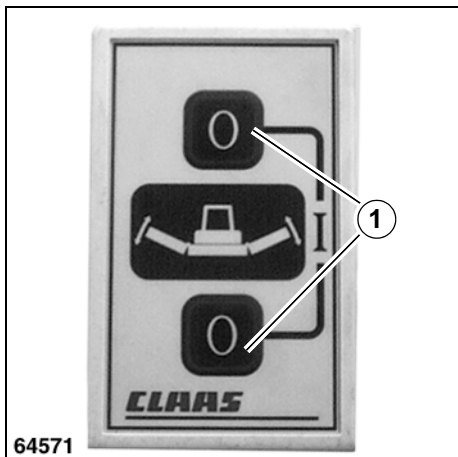
39

Mowing Without Side Mowers

The shunted combination unit can also be used without side mowers to mow the edge of a meadow or narrow residual strips.

To do this, lift the side mowers and the front mower using the single-acting tractor control valve. Deactivate the controls by pressing a button on the control box. The front mower can now be lowered individually using the tractor control valve.

(Fig. 39)



40

The unit can only be used temporarily in this position as a result of the angular position of the universal drive shaft.

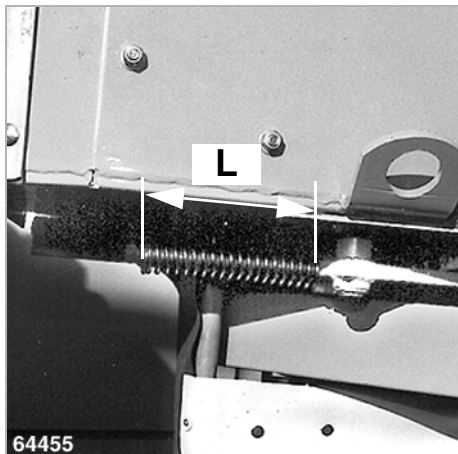
In order to lower the side mowers, press both buttons (1) on the control box simultaneously and switch the control valve to the "lower" position.

(Fig. 40)

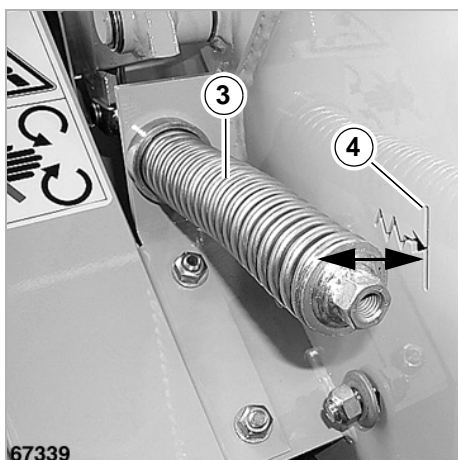
DRIVE MECHANISM

Tensioning the Drive Belts

DISCO 8550 C Plus / 8550 C / 8550 C-T / 8500 C



1



2



Danger!

Before performing any repair work on the V-belts disengage the mower drive and be sure that the machine cannot be reset into operation by other persons.

After the first use of the mower check the tension of the belts after the first five operating hours and retension if necessary.

After this first check the belt tension has to be checked regularly.

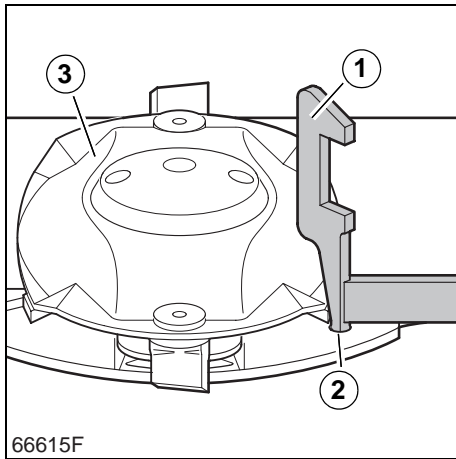
The belts are correctly tensioned if the length of the spring is **L = 190 mm**. The end of spring (3) must be flush with mark (4). Check the belt tension regularly.

(Fig. 1, 2)



Caution!

Always replace the complete set of belts if one belt is broken or worn.

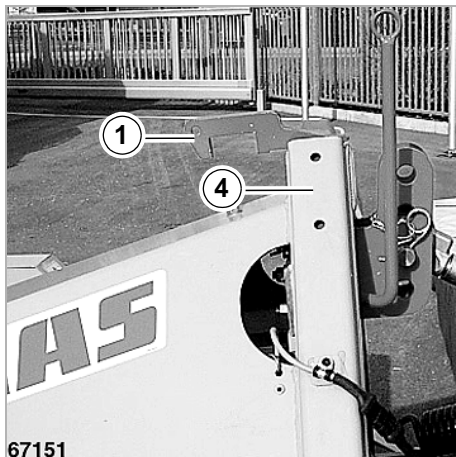


66615F

31

Mounting lever (1) can also be used to lock the mowing discs for maintenance. For this introduce peg (2) of mounting lever (1) into the hole of one of the skids. The handle of mounting lever (1) must be parallel to the cutterbar. To lock the discs rotate cutting disc (3) until it bottoms against mounting lever (1).

(Fig. 31)

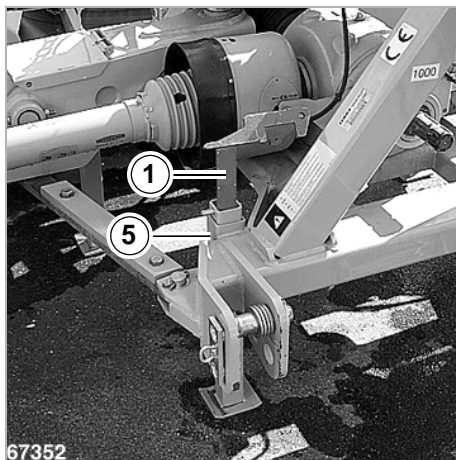


67151

32

After knife replacement or maintenance the mounting lever (1) can be secured to support (4) located on the 3-pt headstock or in the prop stand (5).

(Fig. 32, 33)



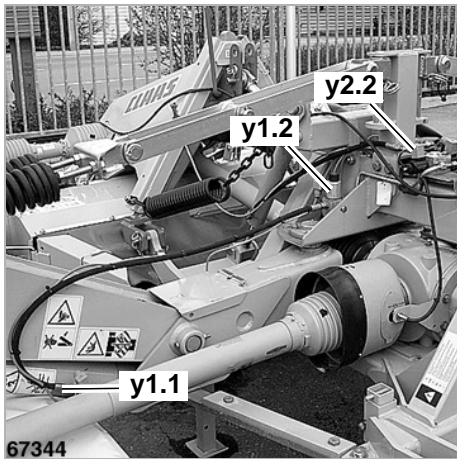
67352

33

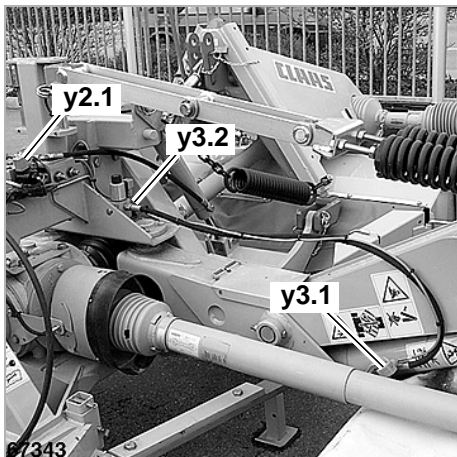
Replacing the Wiring Harness

Observe the labelling and correct positioning of individual cable connections when replacing the wiring harness.

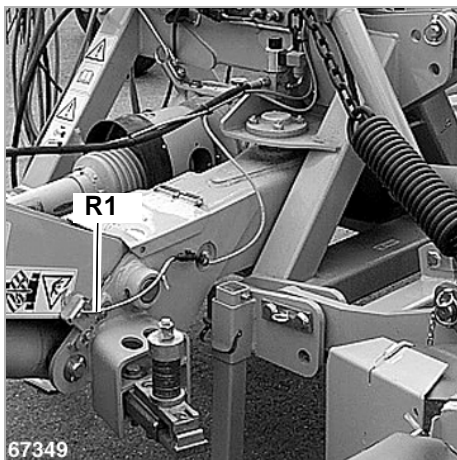
(Fig. 62-65)



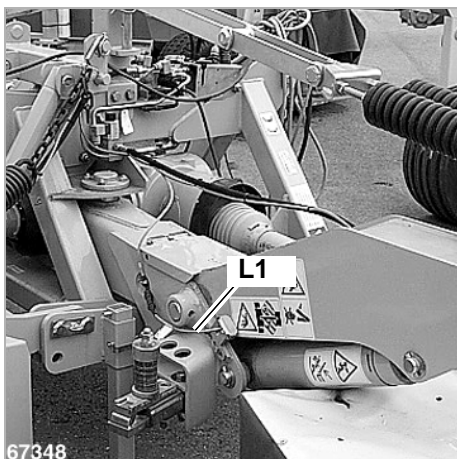
62



63



64



65

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL