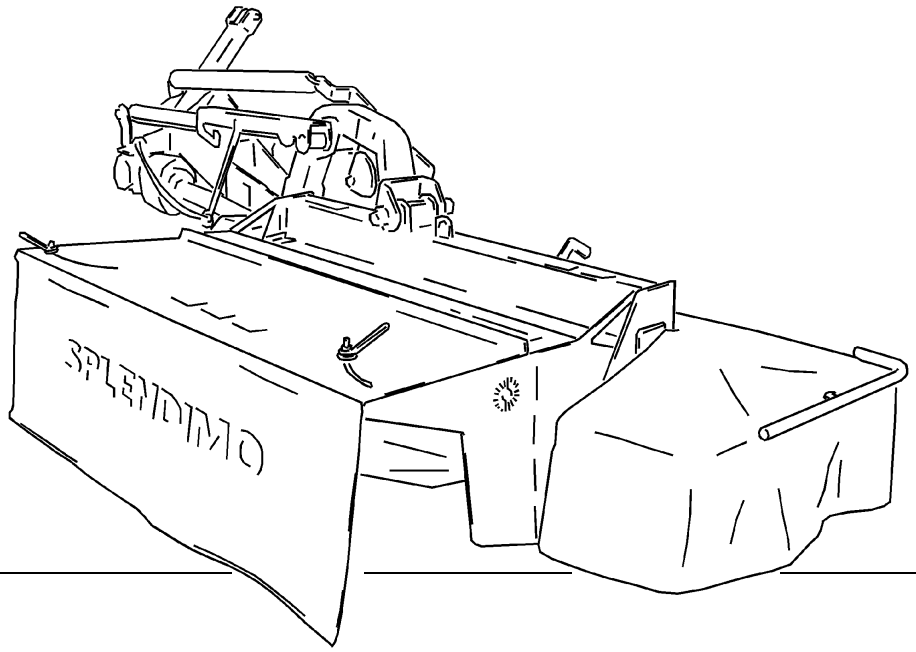
LELY SPLENDIMO

240 MC



M-H005.0804VT

Operator's manual

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Lely Industries N.V.

OPERATOR'S MANUAL

LELY SPLENDIMO

240 MC

Mh0050804en-tp.fm

English

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Supplements:

PREFACE

This Operator's Manual is meant for personnel who operate the machine and are responsible for its daily maintenance.

Kindly read this entire manual prior to starting work.

Instructions relating to your safety and/or that of others are marked in the margin by a warning triangle containing an exclamation mark. Always observe these instructions with particular care and attention.

Instructions which may lead to serious material damage in case of non-compliance or incorrect use are indicated in the margin with an exclamation mark.

The machine described in this manual may contain components that do not form part of the standard equipment but are available as optional extras.
This is not indicated in all cases since standard specifications may differ from country to country.

Furthermore, machines and optional extras may be adapted to specific regional conditions and are also subject to permanent research and innovation.
For this reason, the specifications of your machine may not be consistent with the pictures in this manual.

WARRANTY CONDITIONS

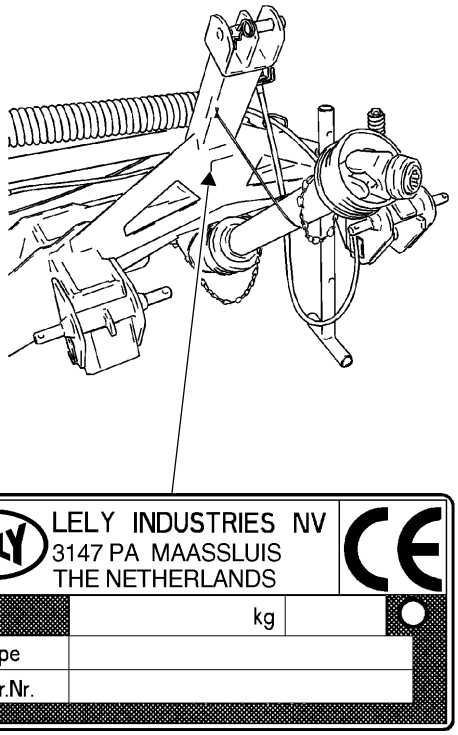
For those parts which fail under normal operating conditions, the factory will make replacement parts available, free of charge, for a period of 12 (twelve) months from the date of purchase.

The warranty shall not apply if the instructions mentioned in this manual have not been followed, or if they have not been followed completely or correctly.
Nor will the warranty apply if you or third parties modify the machine without our foreknowledge and/or authorisation.

TYPE AND SERIAL NUMBER OF YOUR MACHINE

The type/serial number plate is fitted to the front of the three-point hitch.

Please specify the type and serial number of your machine in any correspondence and when ordering spare parts.
Complete the box below with these numbers.



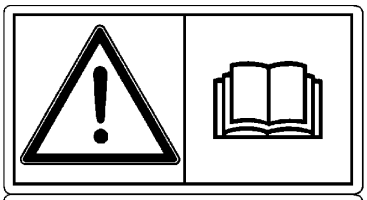
Type number	
Serial number	

SAFETY INSTRUCTIONS

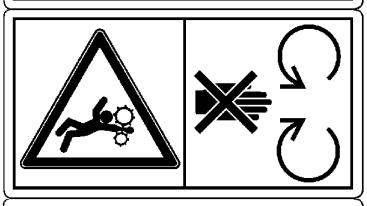
- Use the machine only for the purpose for which it was designed.
- Follow all prevailing safety regulations, including those laid down in this manual and indicated on the machine.
- Operate this machine in a safe manner.
- The machine should be operated by authorised persons only.
- Be alert and observe all safety precautions.
- Ensure that all safety guards and protection devices are in place.
- Keep out of reach of moving parts.
- Stop the engine, PTO and moving parts before adjusting, cleaning or lubricating the machine.
- Take care that no-one is within the dangerous zone while the machine is in operation and ensure that people are kept well away from the machine. This is especially important when working along roads and near or on fields that are accessible to the public.
- Always use a tractor with a cab.
- Clear the field of any objects that could be thrown up by the machine.
- Observe prevailing legislation for public road transport.
- Use flashing lights or other safety signs, when required.
- Do not stand on the machine.
- Use genuine LELY parts only.
- Depressurise the hydraulic systems before starting work on them and/or before coupling/uncoupling hydraulic hoses.
- Use protective clothing, gloves and/or safety glasses if required.
- Clean the safety decals regularly so that they can be read at all times.

EXPLANATION OF SAFETY DECALS ON THE MACHINE

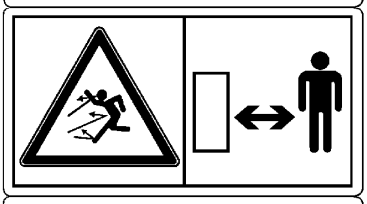
- **Read the operator's manual** carefully before operating the machine. Observe instructions and safety rules during operation.



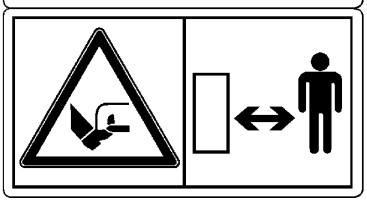
- **Danger! Moving parts.**
  Stay clear of rotating machine parts.



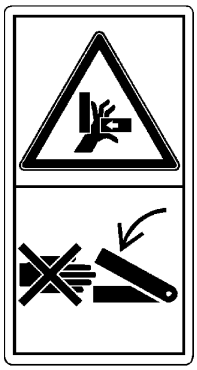
- **Danger: flying objects!**
  Maintain a sufficient, safe distance from the machine while the tractor engine is running.



- **Danger: mower knives!**
  Maintain a sufficient, safe distance from the machine while the tractor engine is running.

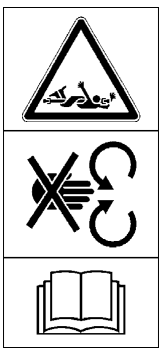


- **Danger: risk of being trapped by moving parts!**
  Keep outside the movement range of parts for as long as they have not been secured or prevented from moving in another manner.



- **Never exceed the maximum PTO speed that is obligatory for the machine.**

- If you need to hoist the machine, only **use hoisting points as indicated** by means of the decals.



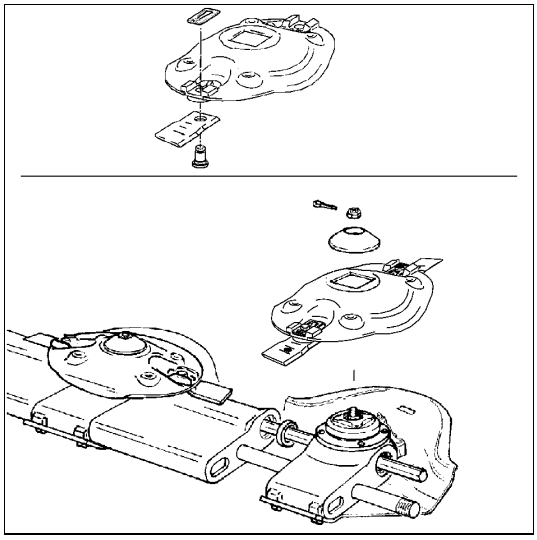
- **Danger: moving parts!**
  Read the operating instructions of the PTO shaft.
  Never use a PTO shaft without any protection.

1 INTRODUCTION

The LELY SPLENDIMO 240 MC is a mower-conditioner suitable for mowing grass. Typical of the SPLENDIMO MC mower is the central suspension of the mower conditioner unit, which enables optimal ground contour following.
The machine can mow slopes that ascend or descend up until roughly 20°.

The machine features a cutter bar and a conditioner unit.

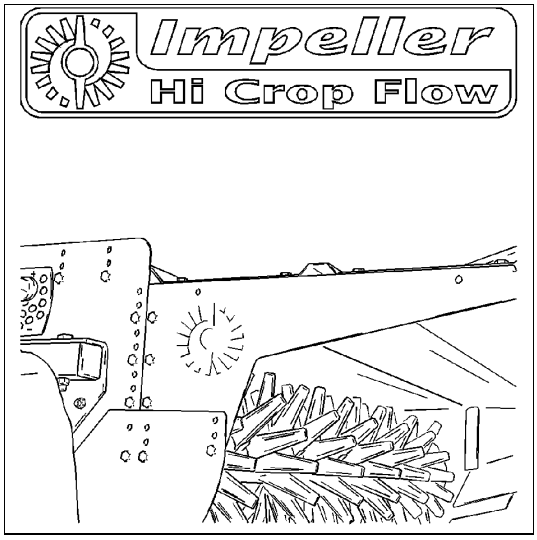
The cutter bar is fitted with mower discs, complete with the LELY SPLENDIMO CLIP quick-change system (fig. 1). The cutter bar is composed of cutting units according to the modular LELY system. These elements as well as the intermediate spacers are torqued together by a connecting rod.
The first cutting unit (drive element) is driven from the top. A spring-steel shaft, which is driven from the first cutting unit, drives the other units of the cutter bar. Only minimal power is required thanks to this configuration.
The elements rotate in pairs, either to the left or right.



1

The IMPELLER conditioner unit (fig. 2) comprises a rotor fitted with flails made from an impact-resistant synthetic material, a metal hood with swath boards, and a crop inlet plate for adjusting the conditioning intensity.

The conditioner unit operates over almost the entire cutting width. Crop treatment is such that patches of the waxy layer on the stem are removed and thick stems are broken. The crop is turned slightly and laid down behind the machine in an airy, narrow swath. There is therefore minimum contact between the crop and the moist field, and there is no need to drive on mown crops.



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The SPLENDIMO 240 MC mower can be fully controlled by means of one hydraulic ram. The ground pressure relief system can be set in 3 positions by adjusting the locking plate of the spring assembly.

An anti-shock device protects the machine from any damage caused by unexpectedly hitting obstacles while mowing.

2 LINKAGE TO THE TRACTOR

The three-point hitch is equipped with double linkage pins (category II). This allows the offset position of the mower behind the tractor to be adjusted (fig. 3).

Position ① is usually the recommended linkage position.
Always use position ② when mowing a downhill slope so that you can operate as far from the side as possible.

- Choose a linkage position whereby the first mowing disc is positioned completely out of the track of the tractor's tyre.
- Fit the lower arms to the linkage pins of the headstock.
- Attach the top link of the tractor to the machine.
- Connect the hydraulic hose to a single-acting hydraulic tractor valve with a floating position.
  Permitted maximum oil pressure: 21.0 MPa (210 bar).
- Lift the headstock to such an extent that the pivot pin of the support arm (fig. 4) is approximately 54 cm above the ground.
  Check whether the three-point hitch of the mower remains level in the width-wise direction. If necessary, adjust the configuration of the tractor's lower arms.

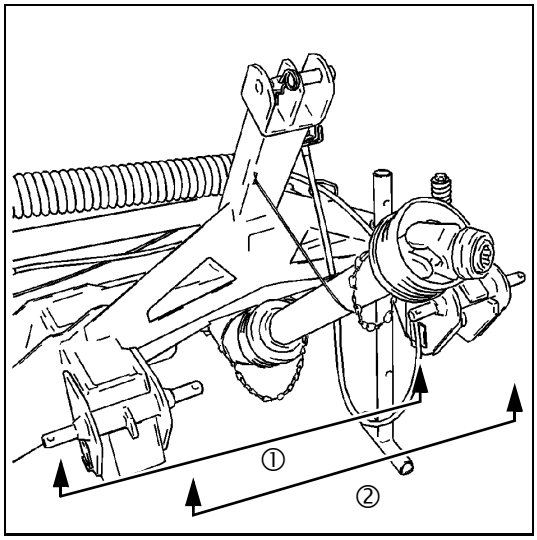
! **Optimum ground contour following of the mower can only be achieved via these adjustments of the tractor's hydraulics.**

- Place the parking jack in the raised position.
- Secure the tractor's lower arms with stabilisation chains or rods to eliminate any sideways movements.
- Check if the PTO shaft telescopes smoothly.
- Fit the PTO shaft to the tractor PTO.

! **During first assembly or when using another tractor, check the minimum and maximum overlap of the PTO shaft halves in all positions***.

⚠ **- Fit the safety chain of the protection tube to a rigid part of the tractor.**

- Place the end of the operating cord of the ram lock in the tractor cab.



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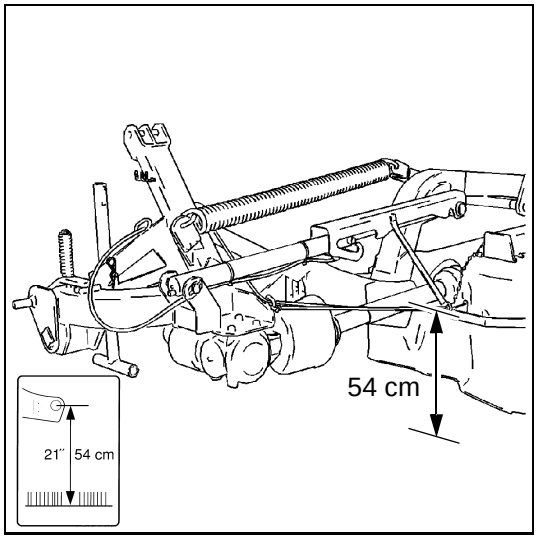

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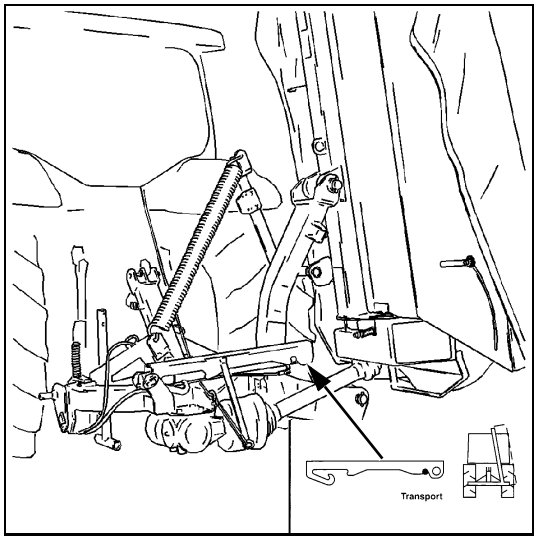
*. Consult the instructions supplied with the PTO shaft

3 TRANSPORT

The SPLENDIMO MC mower can be transported in the tractor's hydraulics.

Adjust the machine to the transport position as follows:

- Pull the locking hook of the hydraulic ram upwards and retract the ram completely.
- Check whether the ram has been secured by the locking hook (fig. 5).



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!
- **Use all lighting and warning signals required by law (or other regulations prescribed by the authorities).**
- **For transport on public roads, ensure that the front axle weight is sufficient (fit front weights, if necessary) and that the permitted maximum rear axle weight is not exceeded.**

The machine is now ready for transport.

Never allow the PTO shaft to rotate when the machine is in the transport position.

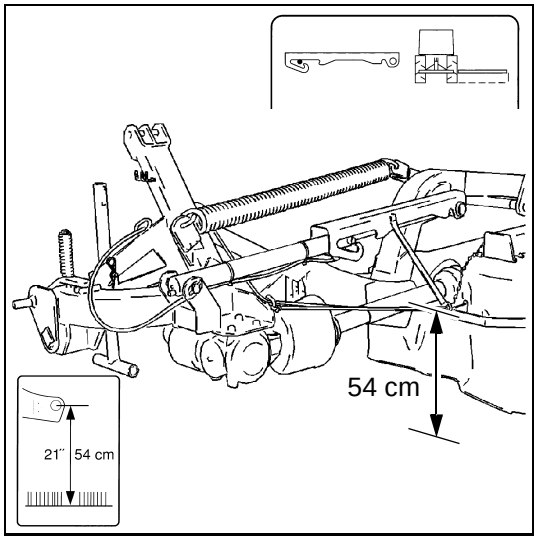
4 MACHINE ADJUSTMENTS

Ensure that no-one is near the machine when it is switched from the transport position to the working position.

Put the machine into the working position as follows:

- Pull the locking hook of the hydraulic ram slightly upwards and lower the cutter bar carefully using the ram.
  Ensure that the locking pins of the ram are positioned in the slotted holes of the locking hook (fig. 6).
- Using the tractor hydraulics, adjust the pivot pin of the support arm to a height of 54 cm above the ground (fig. 6). Take tractor wheelings into account.
  Check whether the three-point hitch of the mower remains level in the width-wise direction. If necessary, adjust the configuration of the tractor's lower arms.
  Limit a downward movement with the help of stabilisation chains, for example, if it is impossible to maintain the adjusted height of the tractor's hydraulics.

Optimum ground contour following of the mower can only be achieved via these adjustments of the tractor's hydraulics.



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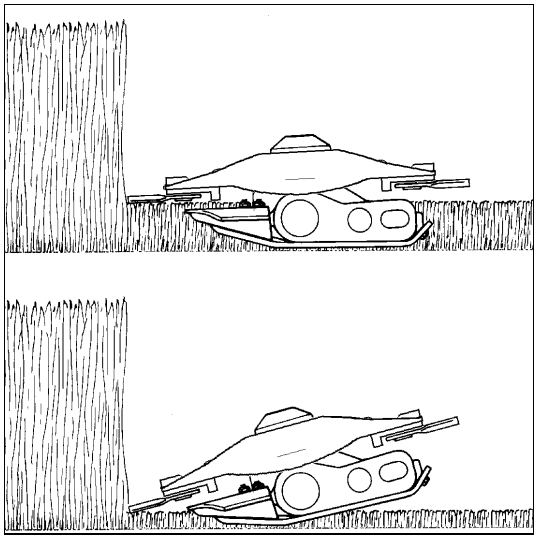
4.1 Mowing height

- Adjust the mowing height by adjusting the forward inclination of the cutter bar with the aid of the top link (fig. 7).



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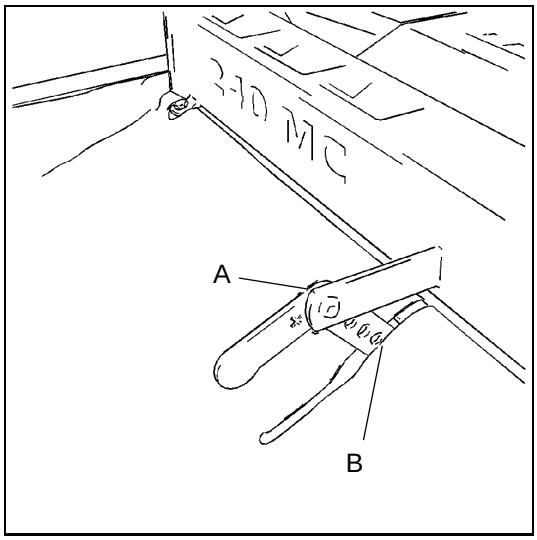
4.2 Conditioning intensity

The conditioning intensity can be adjusted by means of the conditioner's crop inlet plate (fig. 8), the rotor speed.

- Adjust the crop inlet plate.
  Position A ensures the highest conditioning intensity, while position B ensures the lowest. Five intermediate positions can be selected.

If the adjustment possibilities of the conditioner crop inlet plate do not allow sufficient crop flow-through, the position of the crop inlet plate and conditioner rotor speed may be adjusted. Please refer to supplement B for more details.



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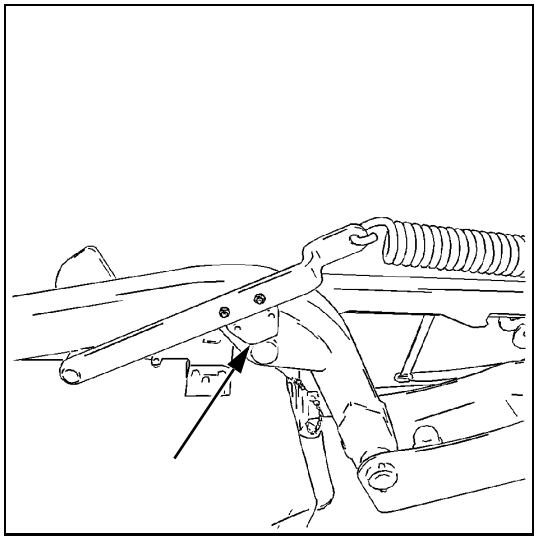
4.3 Ground pressure

The ground pressure of the SPLENDIMO MC mower is determined by a mechanical ground pressure relief system and a spring.
If the mower tends to float during operation and impedes proper ground contour following, the pre-tension of the spring (= ground pressure relief) should be adjusted at a lower level.

- Adjust the ground pressure using the locking plate (fig. 9). The top hole provides the lowest ground pressure and the lower hole the highest.



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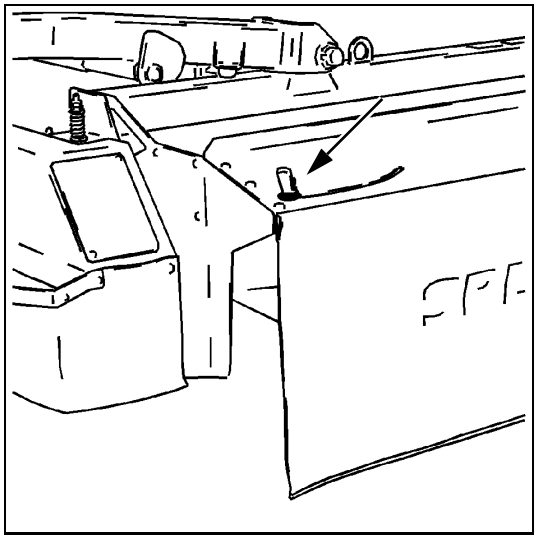
4.4 Swath width

The swath width of the SPLENDIMO 240 MC mower is adjustable from 0.7 until 2.4 m.

- Use the adjusting device (fig. 10) to obtain the required opening of the swath board. Then lock the adjusting device.



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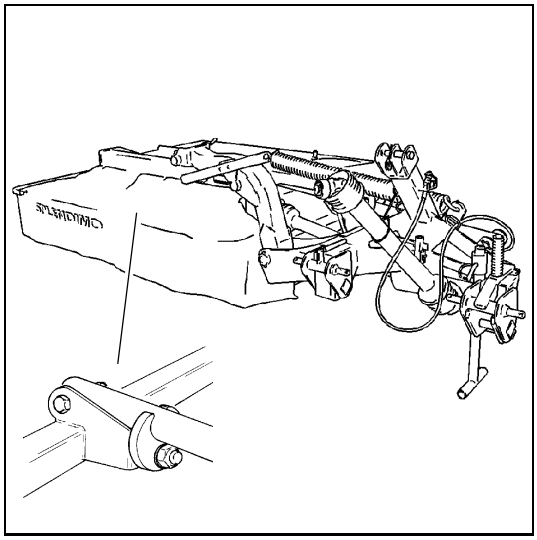
5 OPERATING THE SPLENDIMO® MC

- **Ensure no-one is near the machine at the moment the PTO is engaged.**
- **Do not allow anyone to come within a 100 m radius of the machine during operation.**
- **Stop the tractor engine before leaving the tractor cab.**
- **The safety guards, canopies and plating (fig. 11) are essential protective components of the machine. That is why the mower must only be operated when these components are duly fitted and in a good condition.**
- **Always work with the safety guard folded downwards. Push it firmly into the clamp blocks (fig. 11).**



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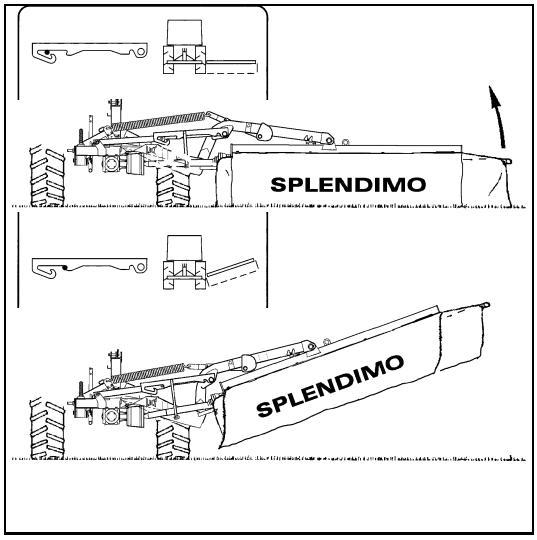
To lift the mower, only the hydraulic ram needs to be retracted.

The machine will stop lifting automatically at a position of approximately 20° (fig.12).
Always lift the mower up until the stop in order to ensure sufficient ground clearance.

The mower must be operated as follows:

- Lower the mower by means of the hydraulic ram until it is just above crop level.
- **Engage the PTO at the lowest possible engine r.p.m.**
- **Then rev the PTO speed up to 540 or 1,000 r.p.m. This is also the maximum r.p.m. permitted during work.**
- Lower the mower into the crop.
- Place the hydraulic valve in the floating position; the ram must be able to telescope smoothly at all times.
- Do not drive too slowly; effective working speeds start at approximately 10 km/h. A lower speed may affect crop flow-through across the cutter bar.
- Maintain a PTO speed of 540 or 1,000 r.p.m. during work. A (temporary) drop in speed may cause the crop to become entangled in the cutter bar and/or long crop material to wrap around the discs.
- **First, lift the mower from the crop and then reduce your PTO speed immediately.**



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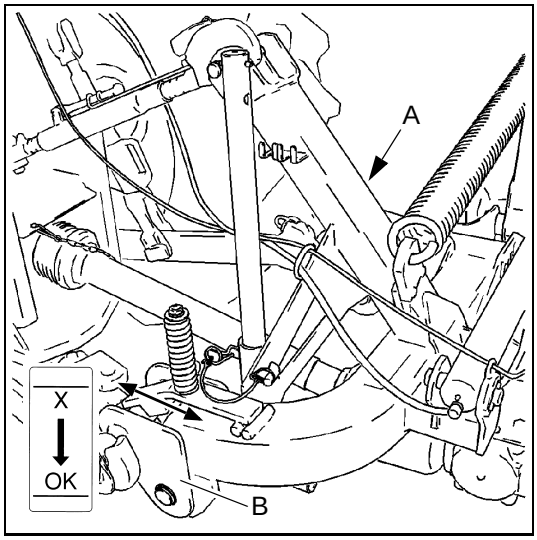
Adjust the ground pressure if the machine is not following the ground contour properly or is leaving indentations in the ground (see § 4.3).

When the machine hits an obstacle during mowing, it can move backwards because the anti-shock device (fig. 13) telescopes in that case.

- The yoke on the RH linkage arm (A, fig. 13) returns automatically after a small obstacle has been passed.
- Lift the mower up until the headland position in order to place the left yoke (B) in the starting position again. The ram integrated in the anti-shock device will push back the yoke automatically.

A slip clutch or a shear bolt safety prevents the machine from overloading.

- Replace a broken bolt of the shear bolt safety with an M8x40 - 8.8 Din 933 bolt.



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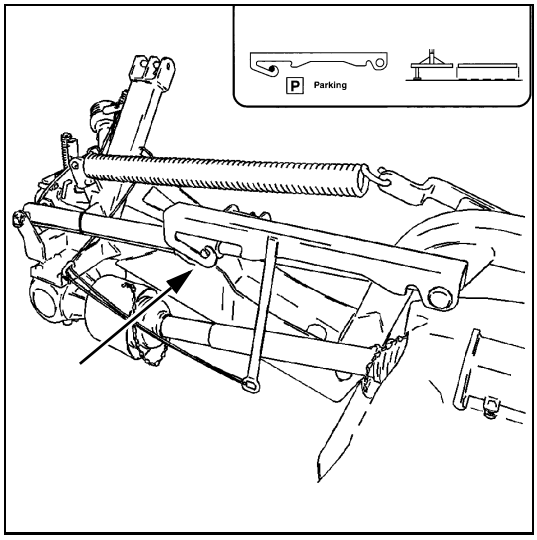
- If the machine must be placed in the transport position after operation, wait until the moving parts in the machine have stopped completely.

! **Folding up a machine that is still running can cause serious damage to the PTO shaft.**
See chapter 3 "Transport" for more information.



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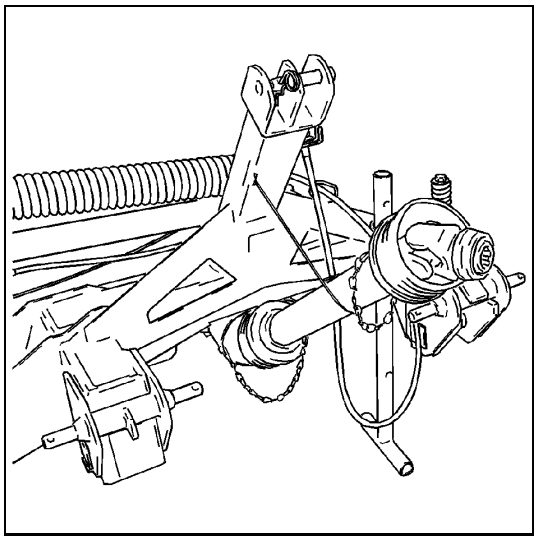
6 DISMOUNTING FROM THE TRACTOR

Always place the machine on hard, even ground.

- Fold the mower downwards.
- Lower the tractor's hydraulics until the locking pins of the ram are in the hooks of the locking hook (fig. 14).
  Pull the control cord of the locking hook to harmonise the position of the stop pins and the hooks.
- Place the parking jack in the bottom position.
- Continue lowering the tractor's hydraulics until the parking jack rests on the ground.
- Switch off the tractor engine. Disengage the PTO shaft from the tractor PTO.
- Place the PTO shaft in the parking chain (fig. 15).
- Depressurise the hydraulic system and disconnect the hydraulic hose.
- Slide the dust cap onto the plug and hook the plug onto the support on the headstock.
- Remove the control cord for the locking hook from the tractor cab.
- Disconnect the top link from the machine.
- Disconnect the lower arms from the machine.



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7 MAINTENANCE

- **Correct machine servicing is vital for ensuring reliable and safe operation.**
- **Install supports underneath the cutter bar if it is lifted from the ground and you intend to carry out work underneath it.**

The cutter bar can be accessed more easily for maintenance work if the front safety guard is folded up. Proceed as follows:

- Fold the front safety guard upwards and lock it with the hook at the bottom.

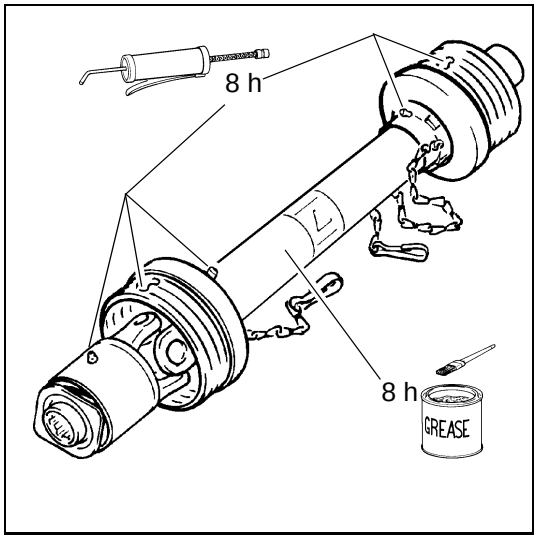
7.1 Maintenance after operation

- Clean the machine thoroughly. After jet-cleaning, allow the discs to rotate briefly so that any water under the discs is flung away.
- Check the mower knives and discs for tightness and damage (torques: see § 7.3).
- Check the protective cover for any damage.
- Grease the machine with an anti-corrosion agent.
- Grease the piston rod with an anti-corrosion agent if the machine will not be used for a long period.
  Remove the agent before using the machine again. If not, the ram seal may be affected if the anti-corrosion agent hardens.

7.2 Lubrication

All lubrication points of the machine can be greased with a biodegradable grease (Total Biomultis SEP2), unless stated otherwise.

- The PTO shafts must be greased every 8 working hours via the grease nipples on the cross assemblies, protection tubes and overrun safety (fig. 16).
- Grease the profiled tubes of the PTO shaft every 8 working hours (fig. 16).
- Grease the pivot points of the support arm every 40 working hours (A, fig. 17).
- Grease the pivot point of the spring-loaded arm (B, fig. 17) every 40 working hours.
- Grease or lubricate all other pivot points every 40 working hours.



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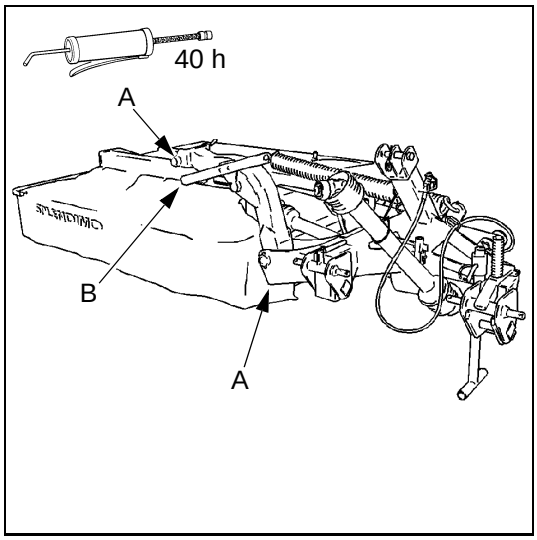

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7.3 Periodic maintenance

Periodic maintenance must be carried out:

- at the start of the mowing season;
- before prolonged storage of the machine;
- when the machine is used extensively during the season.

- Grease all points of the machine listed in § 7.2 “Lubrication”.

- Grease the spring-loaded locking pins of the yoke lock of the PTO shaft.
- Check if the PTO shafts telescope smoothly.
  A damaged PTO shaft may cause excessive wear and tear to the machine and tractor.

- Check whether the spring of the anti-shock device has been pretensioned at a length of 165 mm (fig. 18).

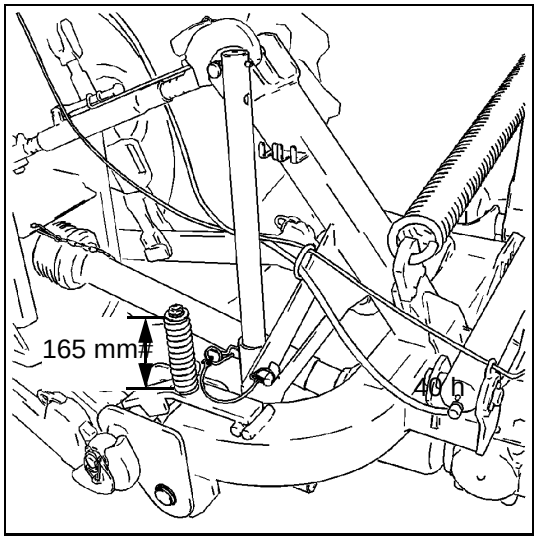
- Check the V-belts for correct tension.
  To do so, open the V-belt housing. The tension should be such that each V-belt can be pushed in (fig. 19), between the pulleys, approximately 10 mm by applying a force of 70 N (7 kg).
  It is advisable to depressurise the V-belts if the machine will not be used for a long period of time.

- Check the condition of the wear plates, mower discs and knives (replacement of knives: see § 7.4).

- Check the knife pins for tightness (fig. 20).
  The clip must be properly locked by the cam of the mowing disc.

- Check the mower discs for tightness (fig. 20). The castellated nut torque is 150-250 Nm (15-25 kgm). The split pin locking the castellated nut may not protrude above the pressure piece.
  N.B. the nut may not be turned back; keep turning it until the split pin can be fitted.

- Check the machine for any damage and flaws.
- Check the gearboxes for any oil leaks.
  (Changing oil: see § 7.5.)



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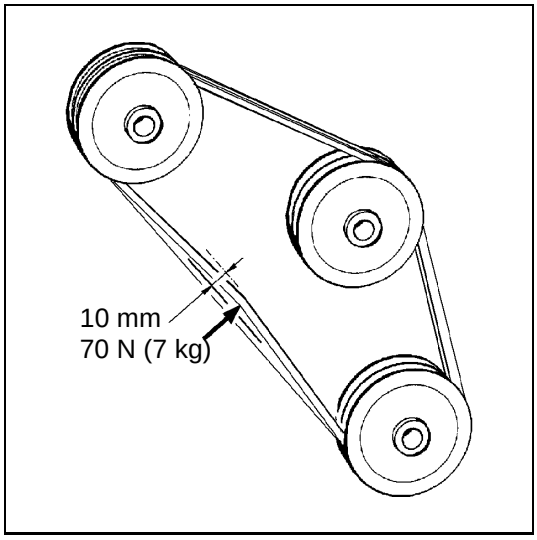

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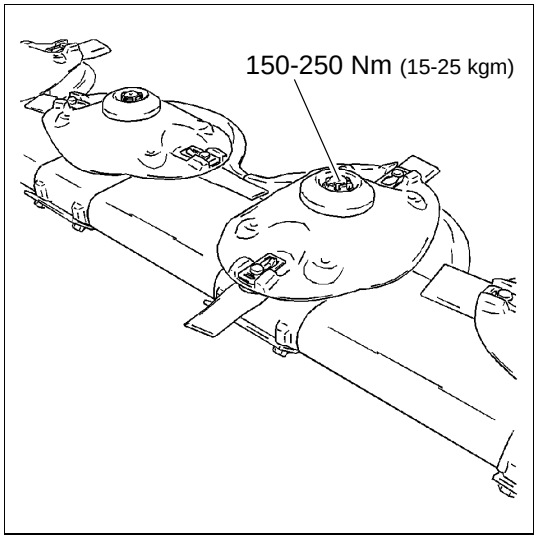
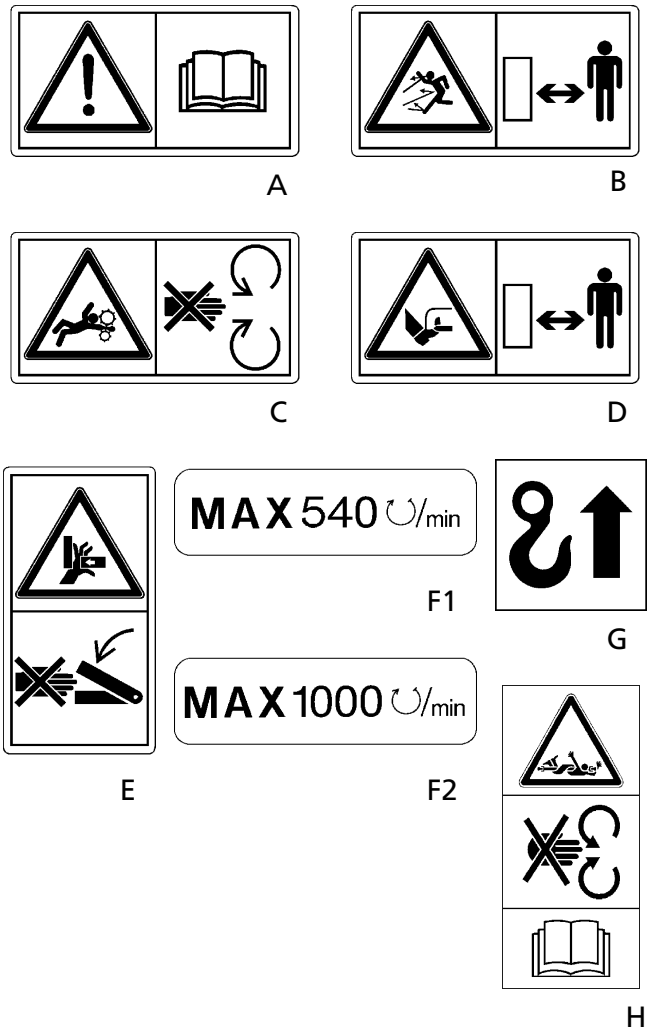


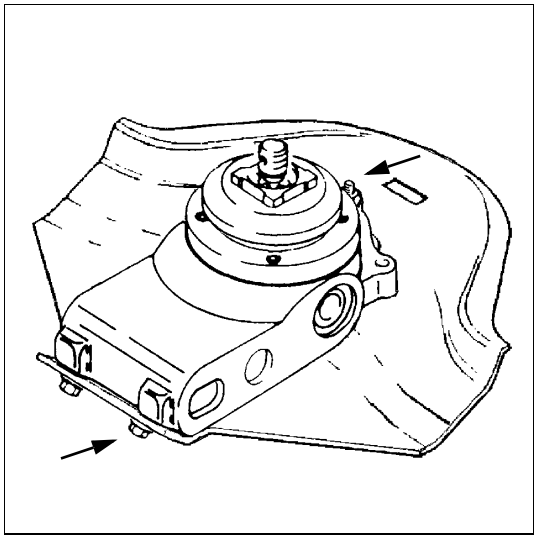
20

- Check all bolts and nuts for tightness.
  Pay particular attention to the bolts that secure the skids and wear plates (fig. 21).
  Tighten loose bolts/nuts to the torques specified below.

	M6	M8	M10	M12	M14	M16	M20	M24
Nm	10	25	50	85	135	215	410	710
kgm	1.0	2.5	5.0	8.5	13.5	21.5	41.0	71.0

- Check whether all safety decals are on the machine and not damaged (fig. 22).





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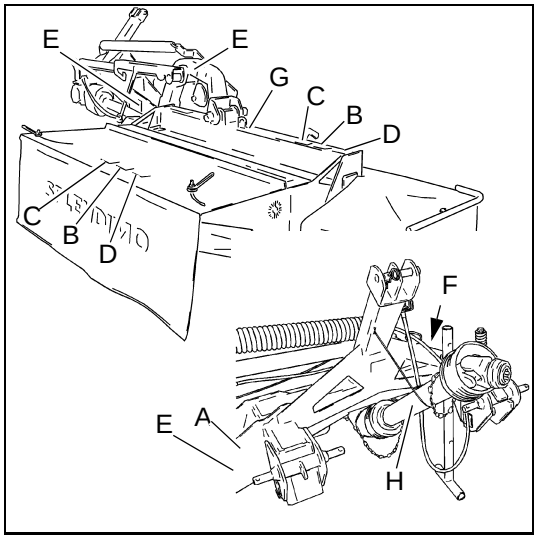


22

A (P/N 9.1170.0408.0)
B (P/N 9.1170.0410.2) -2x-
C (P/N 9.1170.0407.6) -2x-
D (P/N 9.1170.0419.4) -2x-
E (P/N 9.1170.0437.1) -3x-
F1 P/N 9.1170.0125.4)
F2 P/N 9.1170.0175.5)
G (P/N 9.1170.0173.3)
HF (P/N 16.61.175)

7.4 Replacing mower knives

Mower knives are available in two different versions for discs with LH or RH rotation. The front of the cutting edge must point downwards, viewed in the direction of the rotation of the disc.

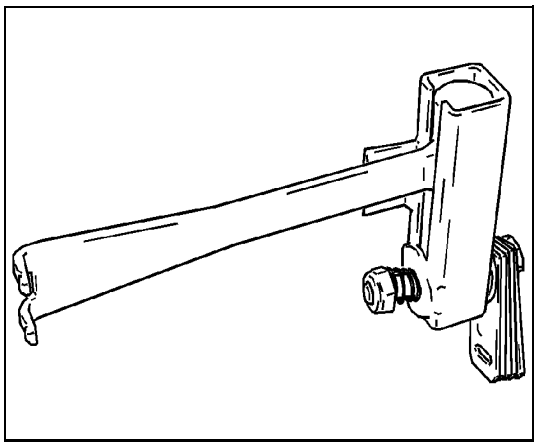
The mower knives have two cutting edges. When one edge is worn, the knife can be reversed so that the second edge can be used.
Knives should always be replaced in pairs in order to keep the disc balanced.

Mower knives should be changed with great care and attention in accordance with the instructions provided below. Please be aware that an incorrectly fitted mower knife can cause substantial damage to objects and people in the immediate vicinity of the SPLENDIMO mower.

- Remove any dirt to obtain proper access to the clip.
- Remove the special tool from its holder on the SPLENDIMO mower (fig. 23).
- Turn the mowing disc in such a way that the pin of the knife that has to be changed is positioned above the hole in the skid.
- Place the fork of the tool behind the clip (A, fig. 24).
- Move the tool downwards so that the clip is released from the locking cam and slides off the knife pin.
- Remove the clip.
- Remove the knife pin. If necessary, use the pointed hammer of the tool to disengage the pin if it is stuck (B).
- The mower knife is now disengaged and can be replaced with a new one (C).

- **Examine the knife pin for wear and tear. If signs of wear and tear are clearly visible, the knife pin should no longer be used.**
- **Always ensure the knife pin is locked with a new clip.**
- Mount the parts in the reverse order.
- Position the mower knife with the pin underneath the mowing disc.
- Install the clip so that it matches the groove in the knife pin (D).
- Use the tool (E) to hammer the clip into the groove of the knife pin completely so that it is firmly locked by the locking cam of the disc.

- **Check if the clip is properly locked by the cam of the mowing disc!**
- Replace the tool in the holder on the SPLENDIMO mower.



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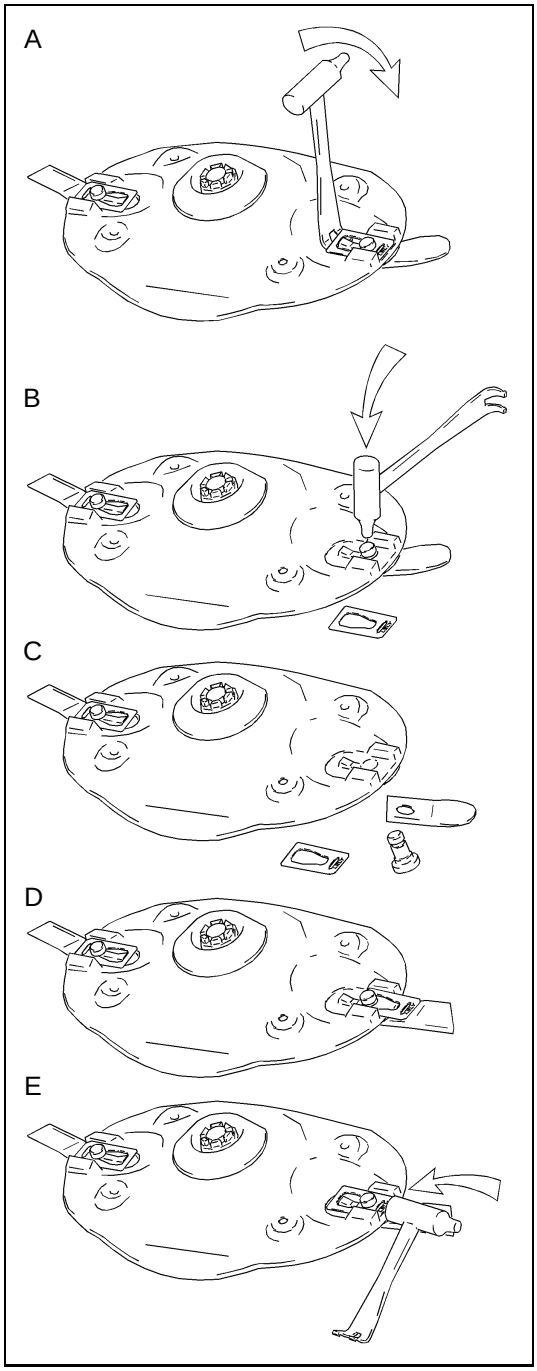

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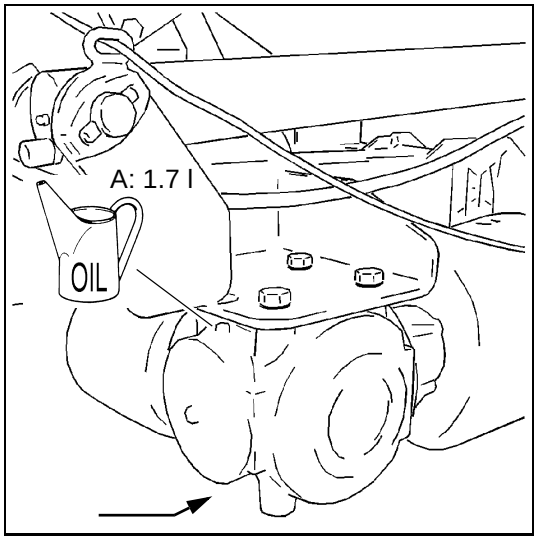
7.5 Changing oil in gearboxes

Change the oil in the gearboxes or drive element of a new mower (or after assembly of a new gearbox) for the first time after approximately 30 working hours, and every 250 working hours thereafter.

- Place a collection container underneath the gearbox.
- Unscrew the drain plug (arrow, fig. 25, 26) from the gearbox and allow the oil to flow into the collection container.
- Fill the gearbox A (fig. 25) with 1.7 l of GX85-W140 transmission oil.



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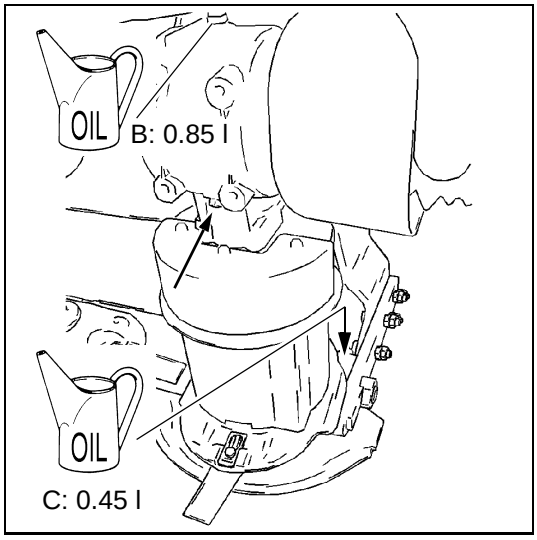
- Fill the gearbox B (fig. 26) with 0.85 l of GX85-W140 transmission oil.
- Fill the drive element C with a carefully measured quantity of 0.45 l of GX85W-140 transmission oil.

An incorrect quantity may make the gearbox overheat and cause irreparable damage.
Change the oil more frequently when operating the machine in extreme working conditions.



26

7.6 Replacing grease in mower elements

Replace the grease in the mower elements every 500 working hours or every 1,000 hectares.

Proceed as follows.

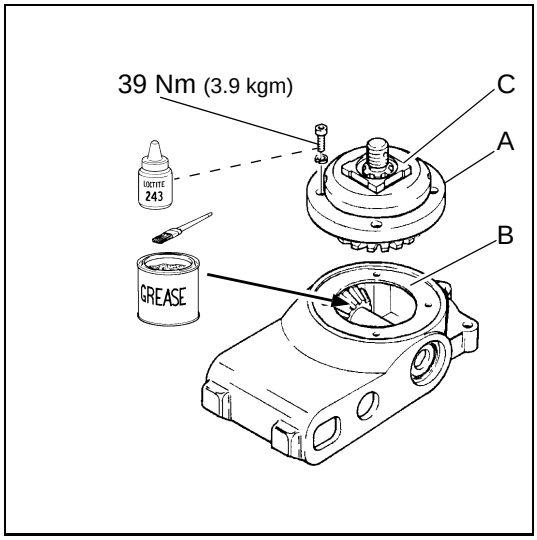
- Remove the mower disc.

! **If several bearing housings need to be dismounted, ensure they are fitted back on the original mower elements.**

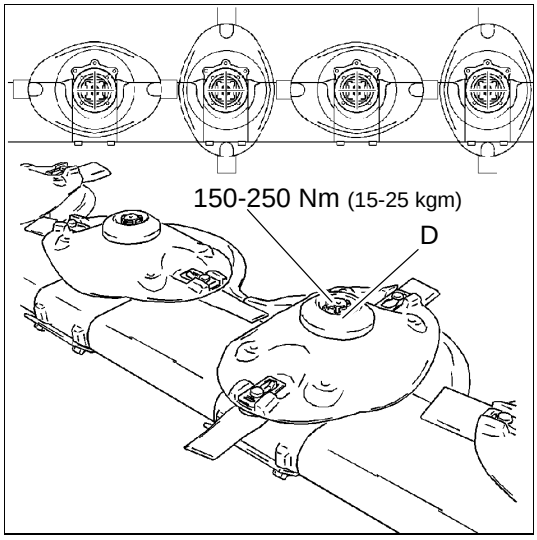
- Dismount the bearing housing A (fig. 27) from the element. Ensure that the shims B remain in place.
- Remove the grease from the element. Do **not** use a solvent since it may affect the sealing of the bearings and/or rinse the grease out of the bearings.

! **Measure the grease quantity carefully. An incorrect quantity may cause overheating and damage to the element.**

- Fill the elements with 100 g of grease (Shell Alvania WR 0).
- Place the bearing housing on the element. Turn the hub (fig. 27) so that it is aligned with the hub of the adjacent mower element (fig. 28).
- Apply Loctite 243 to the thread of the fillister head screws and tighten them with a torque of 39 Nm (3.9 kgm).
- Check whether the O-ring D (fig. 28) is in the pressure piece.
- Fit the mower disc. Tighten the castellated nut with a torque of 150-250 Nm (15-25 kgm). Secure the castellated nut with a split pin. Ensure that the split pin does not protrude above the pressure piece.



27



28

A REPAIRS TO THE CUTTER BAR

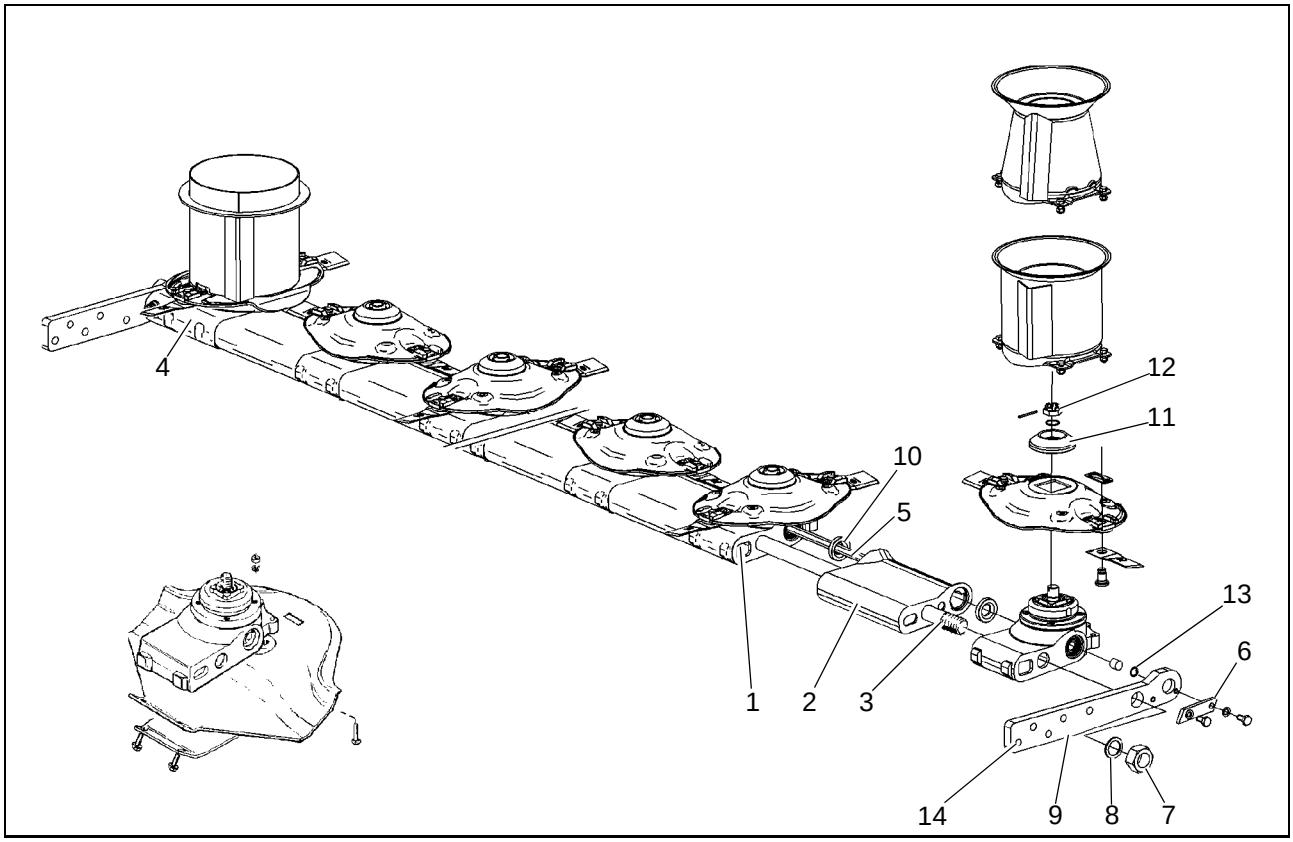
A.1 Cutter bar assembly/disassembly

The numbers between brackets correspond to the numbers in figure A-1.

The cutter bar is built up of independent units (1). These mower elements are kept apart by intermediate spacers (2). The units and spacers are kept together by a connecting rod (3).

The cutting units are driven from the gearbox (4) by a drive shaft (5).

Thanks to the modular design, a cutting unit or drive shaft can be replaced quickly.



A-1

Install supports below the cutter bar if it is lifted from the ground and you intend to carry out work underneath the machine.

Dismount the cutter bar as follows.

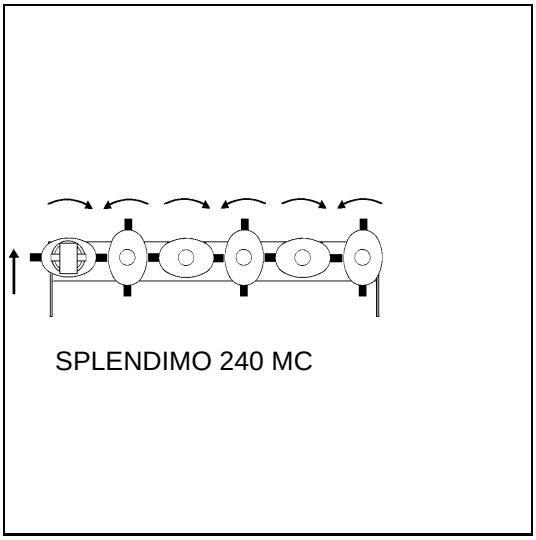
- Attach the machine to the tractor's hydraulics.
- Place the machine on a level floor.
- Remove the securing plate (6).
- Unscrew the M30 nut (7) by a few turns.
- Loosen the five bolts (14) at the bottom of the support and remove them.
- Lift the cutter bar a few centimetres off the ground. Block the hydraulics so that the machine cannot be lowered.
- Remove the nut (7) and the ring (8).
- Remove the end plate (9).
- Slide the mower elements and intermediate spacers from the connecting rod (3).

Assemble the cutter bar in the reverse order. Bear the following points in mind while doing so:

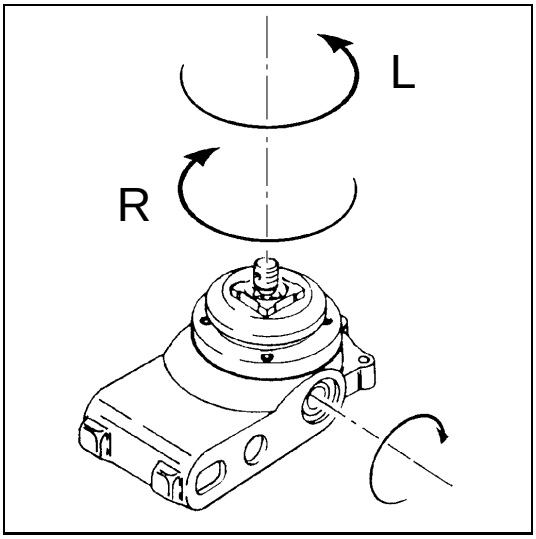
- Clean the centring rings (10) and the contact areas of the mower elements and intermediate spacers.
- Ensure there is no dirt between elements and spacers that were not dismounted (rub the sides with Castrol Tarp).
- Grease the drive shaft (Molykote BR2 Plus).

Ensure that the mower discs are turned 90° in relation to one another. If a unit cannot be slid onto the drive shaft in one go, its disc must be turned by one or several half turns until the unit can be placed.

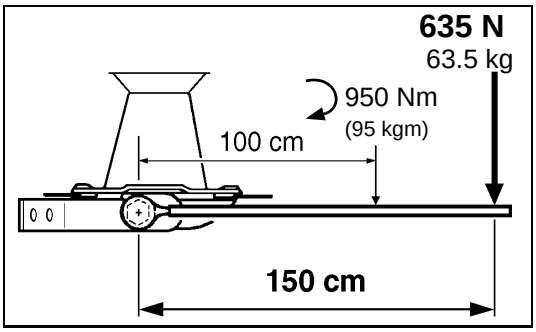
- Fit the elements with the direction of rotation in the standard configuration (fig. A-2).
  - A **RH**rotation SPLENDIMO **MC** mower element can be identified as follows:
    When the hub is turned **clockwise** (R: fig. A-3), the drive gear on the RH side (viewed from the rear) will turn **anti-clockwise**.
  - A **LH**rotation element can be identified as follows:
    When the hub is turned **anti-clockwise** (L: fig. A-3), the drive gear on the RH side will turn **anti-clockwise**.
- After a mower disc has been removed, check whether the O-ring (11, fig. A-1) is in the pressure piece.
- Tighten the castellated nut with a torque of 150-250 Nm (15-25 kgm) and secure it with a split pin. Ensure that the split pin does not protrude above the pressure piece.
  N.B. the nut may not be turned back; keep turning it until the split pin can be fitted.
- The securing disc (13) and supporting ring have to be fitted in the outer mowing element. If this element is replaced, these parts need to be transferred to the new unit.
- First, tighten the 5 bolts (14) by hand.
- Grease the ring (8) as well as the threaded part of the connecting rod (3) and nut (7) with Molykote P74. Fit the nut on the rod.
- Tighten the nut (7).
  Torque: 950 Nm (95 kgm).
  To obtain this torque, extend the wrench with a 150-cm long pipe (fig. A-4) and then apply a force of 635 N (63.5 kg).
  When fitting the securing plate, the nut should only be tightened and not allowed to be unscrewed.
- Tighten the five bolts (14) with a torque of 120 Nm (12 kgm) and secure the bolt with a second nut.



A-2



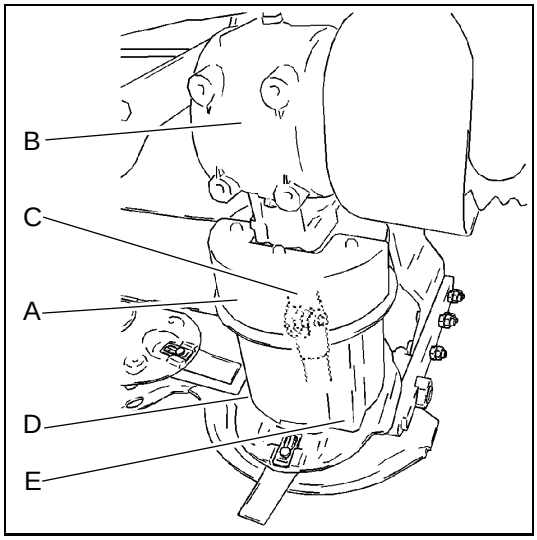
A-3



A-4

A.2 Replacing the disc on a drive element

- Untighten the three bolts from the cover A (fig. A-5) and remove the cover A..
- Remove the gearbox B from the frame and slide the stub axle of the gearbox B off the yoke C.
- Untighten the four bolts in the bottom of the hat D and remove the hat.
- Dismount the mower disc.
- Mount the parts in the reverse order. Pay attention to the position of the disc in relation to other discs. Mount the hat D so that the agitator E is installed after the mower knife.
- Secure the mower disc bolts with Loctite 243. Tighten the nuts with a torque of 20-25 Nm (2-2.5 kgm). Tighten the bolts of hat D with a normal torque of 50 Nm (5 kgm).



A-5

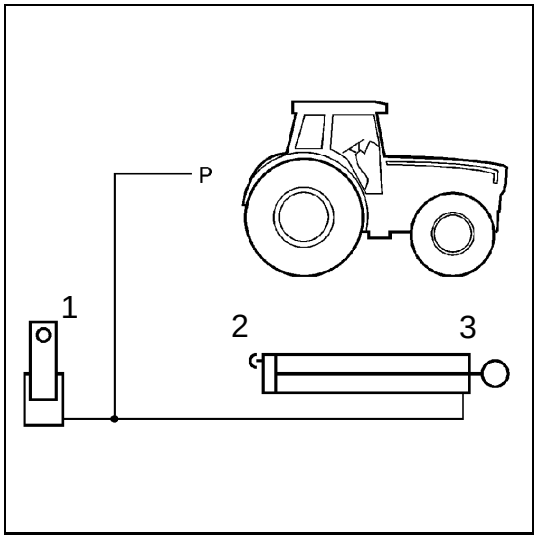
B HYDRAULIC DIAGRAM

Legend (fig. B-1):

1 Single-acting ram (anti-shock device)

2 Breather

3 Single-acting ram (mower unit)



B-1

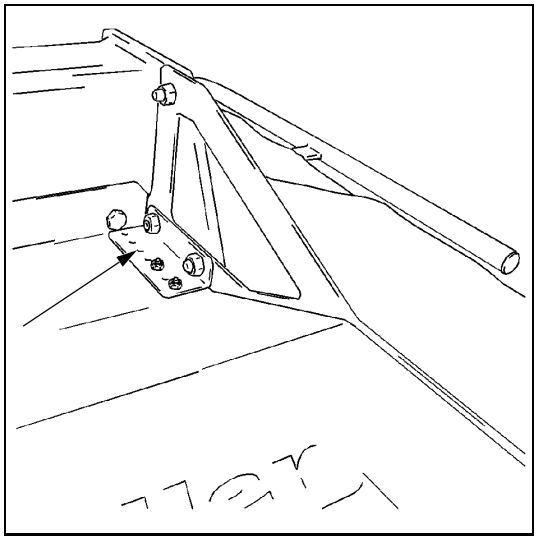
C CONDITIONER ADJUSTMENTS

The conditioner unit of the SPLENDIMO 240 MC mower allows the position of the crop inlet plate to be adjusted. Another rotor speed can also be obtained.
If the conditioner frequently gets jammed in a long crop, we recommend that you adjust the conditioner unit (more space). The opposite is applicable if the conditioner does not pick up a short crop adequately and a good swath is not produced (less space around conditioner).

C.1 Position of crop inlet plate

The distance between the crop inlet plate and the conditioner rotor can be adjusted in four positions.

- On both sides and in the centre of the conditioner, remove both bolts from the hinge blocks of the crop inlet plate (fig. C-1).
- Position the hinge blocks in front of the correct holes and fit the bolts.
- Tighten the bolts again properly.



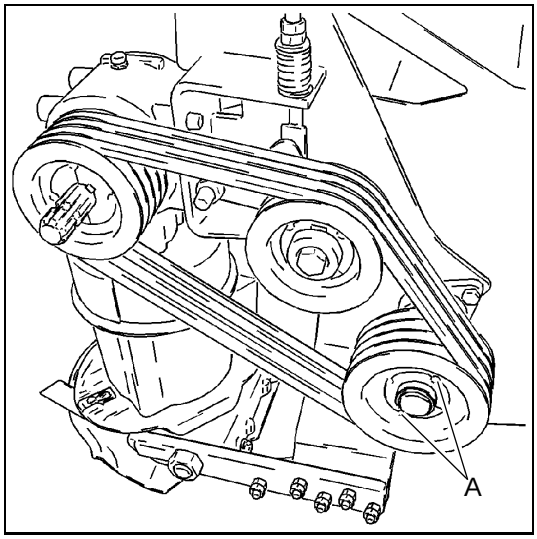
C-1

C.2 Rotor speed

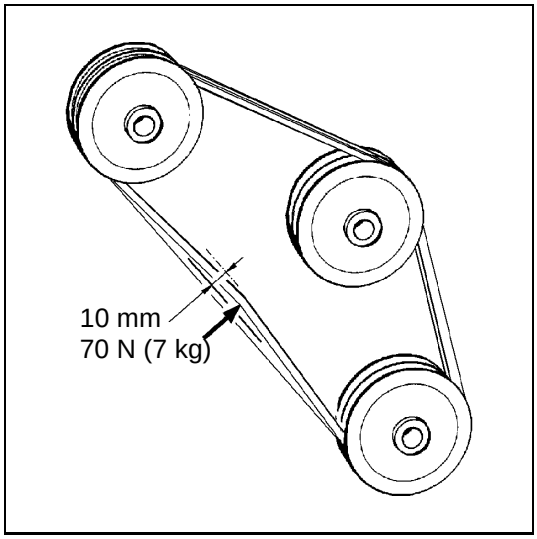
The machine can be supplied together with an additional drive pulley (option) for the conditioner rotor. A different rotor speed can be selected by exchanging this pulley with the standard part.

Change the pulley as follows:

- Open the V-belt housing.
- Remove the tension from the V-belts and disassemble the belts.
- Remove the two allen headed bolts A (fig. C-2) from the pulley and place one of the two bolts in the central one of the three holes in the pulley.
- Tighten the allen headed bolt until the pulley is detached from its clamping bush.
- Remove the clamping bush and pulley.
- Fit the other pulley (align it with the top pulley) and tighten the allen headed bolts with a torque of 50 Nm (5 kgm). Then hit the pulley with a hammer and tighten the allen headed bolts once again with the same torque (50 Nm/5 kgm). Do not use any oil or grease when fitting the pulley.
- Mount the V-belts.
- Tighten the V-belts. Adjust the belt tension in such a way that if a 70 N (7 kg) force is exerted on the middle of the V-belt, it will be pushed in by 10 mm (fig. C-3).
- Close the V-belt housing.



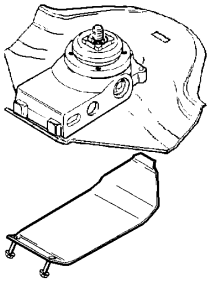
C-2



C-3

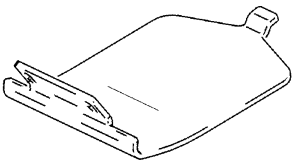
D OPTIONAL EXTRAS

Wear plates



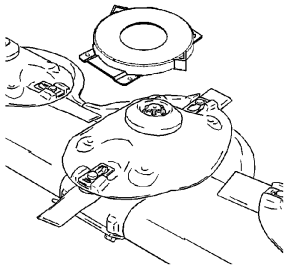
To avoid excessive wear and tear of the skids due to abrasion, the SPLENDIMO mower can be equipped with wear plates that are fitted underneath the skids.
These wear plates, which are available in thicknesses of 4 or 8 mm, can be replaced easily and cost-effectively.

Topping skids



By fitting so-called topping skids underneath the skids, the cutter bar of the SPLENDIMO mower can mow somewhat higher above field level in rough conditions. In that case, the mowing height also increases by approximately 3 cm so that the knives do not dig into the ground as much. This may be important when mowing fallow land or in nature landscapes.
The turf is spared because the knives do not dig into the ground. The cutter bar is also spared since it is not hit by stones and branches, etc.

Agitators

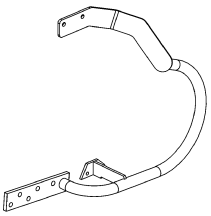


In certain conditions, the mower discs may have difficulty transporting the crop across the cutter bar. Agitators can be fitted on the mower discs for this purpose.
These agitators provide a better grip on the crop, resulting in an improved crop flow.

Spreading kit

The conditioner of the SPLENDIMO MC mower is prepared for the installation of so-called spreading fins, which allow the crop to be dispersed across the full width of the cutter bar. Depending on weather conditions, one tedding operation may be saved.

Crop divider



When mowing very long crops, grass that still has to be mown on the outside of the machine may tend to accumulate. A crop divider is available to ensure that crop that has not been mown is pushed to the side and therefore does not accumulate.

E TECHNICAL DETAILS

SPLENDIMO®	**240 MC**
Working width	2.4 m
Transport width	1.7 m
Transport height	3.3 m
Number of discs / knives	6 / 12
Mowing height	from ± 30 mm onwards, infinitely adjustable by means of top link
Swath width approximately	0.70 - 2.4 m
Mowing on slopes	up: 20° - down: 20°
PTO speed	540 r.p.m. standard, 1,000 r.p.m. optional
Linkage	category II
Hydraulic connection	1 single-acting valve with floating position (max. oil pressure 21.0 MPa (210 bar))
Rotor speed	890 or 1,000 r.p.m.
Rotor diameter	50 cm
Rotor width	180 cm
Number of flails	97
Overload security	K92 overrun safety or KB61 shear bolt safety
Power required	44 kW (60 HP)
Weight approximately	850 kg

All details are without engagement and may be altered without prior notice.

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