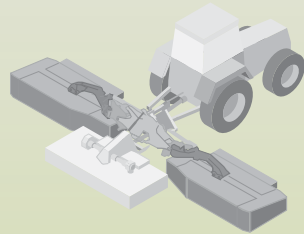


# **CLAAS**



**DISCO 9300 C Duo**  
**DISCO 9300 RC Duo**  
**DISCO 8600 C Duo**

## **Assembly and conversion instruc- tions**

***SERVICE & PARTS***

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**Danger!**

There is a risk of accidents when lifting heavy parts out of the packaging and during assembly.

- Do not stand under suspended loads.
- Observe the weight specifications of the parts.
- Use safe lifting devices.
- Observe the accident prevention regulations.



2

- Release and remove the tie-downs.
- Take out the drive shafts, protective cover holders, protective covers, accessories pack, etc.

**INSTALLING THE WIRING HARNESS FOR CONTROL PANEL**

The wiring harness for the control panel must now be installed.

For more information on installing the wiring harness:

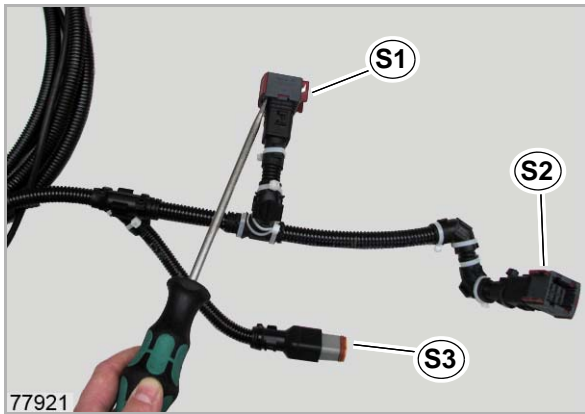
CLAAS STANDARD TERMINAL assembly  
*see page 12.*

or

ISOBUS connecting cable assembly *see page 18.*

or

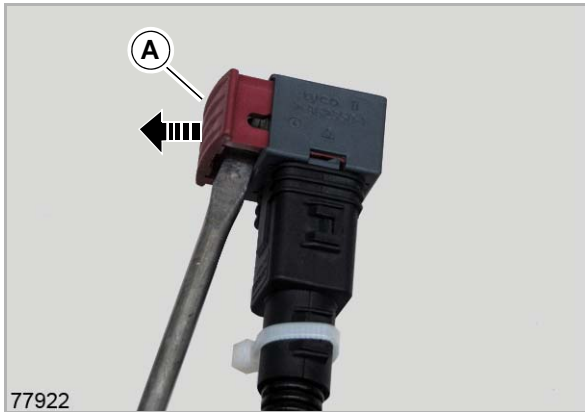
CLAAS COMMUNICATOR assembly *see page 24.*



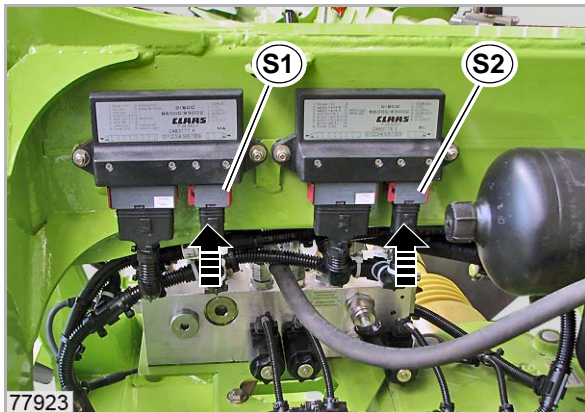
28

- Release lock (A) on compact plugs (S1) and (S2). Use a small screwdriver if necessary.

(Fig. 23, 28, 29)



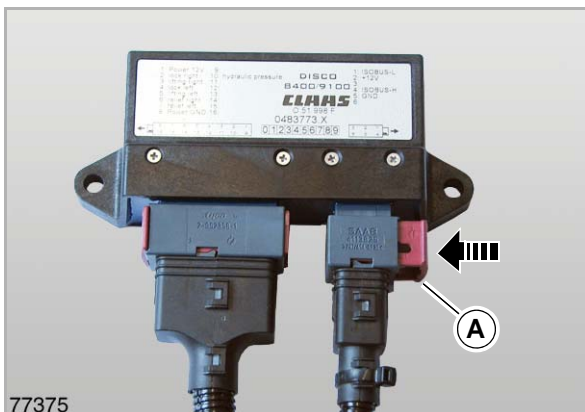
29



30

- Insert compact plugs (S1) and (S2).

(Fig. 30)



31

- Push lock (A) inwards.

(Fig. 31)



61

- Insert cable (19) into socket B on CLAAS COMMUNICATOR (17).

(Fig. 61)



62

- Insert cable plug (19) for the power supply into the corresponding socket (12 volt) on the tractor.

(Fig. 62)



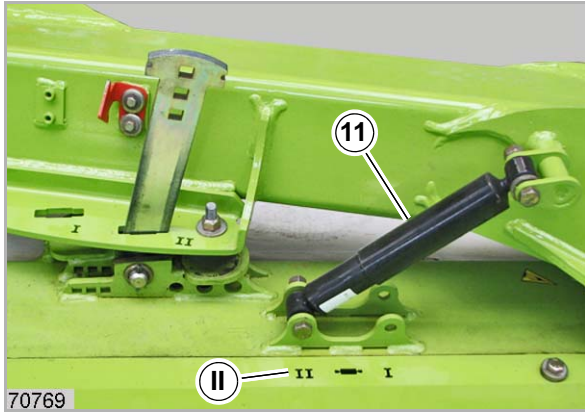
63

- Screw down holder (20) in a suitable position in the tractor cab or use existing holder, if present.

(Fig. 63)



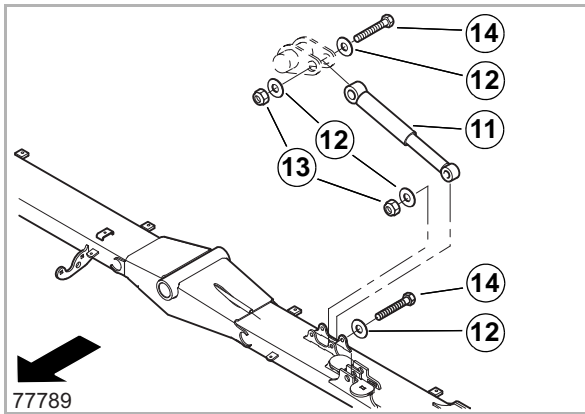
64



88

- Fit shock absorber (11)

Position II = assembly as pushed rear combination.  
(Fig. 88)



DISCO 9300 C Duo / 9300 RC Duo

89

**DISCO 9300 C Duo / 9300 RC Duo**

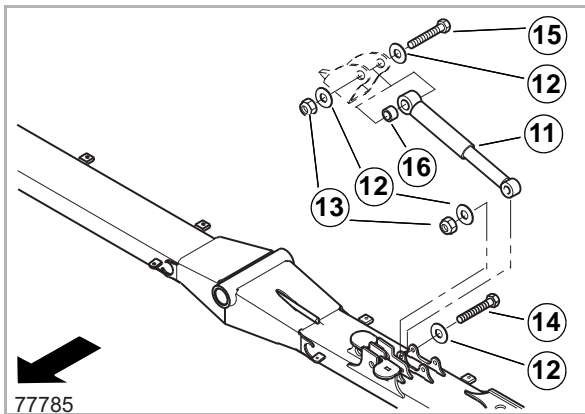
11		(1x)
12		13x26x1 (4x)
13		VM12 (2x)
14		12x70-MKL (2x)

**Tightening torque:**

**Nut (13)**

**23 Nm**

(Fig. 88, 89)



DISCO 8600 C Duo

90

**DISCO 8600 C Duo**

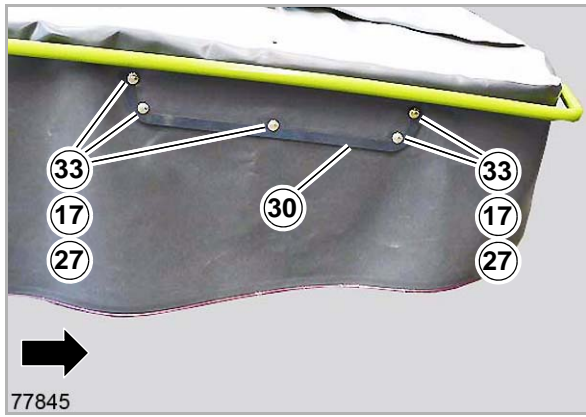
11		(1x)
12		13x26x1 (4x)
13		VM12 (2x)
14		12x70-MKL (1x)
15		12x80-MKL (1x)
16		22x4.5x17 (1x)

**Tightening torque:**

**Nut (13)**




**23 Nm**

(Fig. 88, 90)



112

- Fit cover plate (30).




17		B8 (5x)
27		M08 (5x)
30		2x90x527 (1x)
33		M8x20x13 (5x)

(Fig. 112)

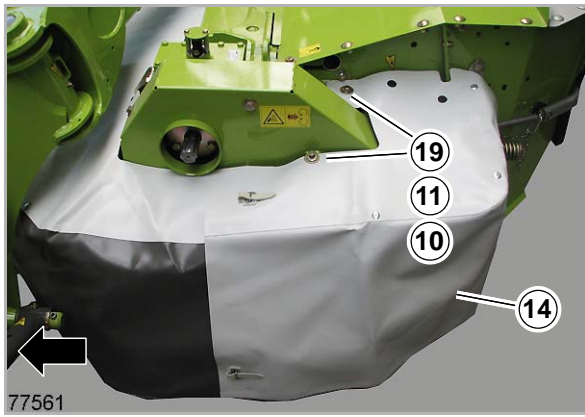


113

- Fit inner safety guard (21).




16		M8x25 (2x)
17		B8 (2x)
21		(1x)
29		8.5x30x3 (2x)

(Fig. 113)

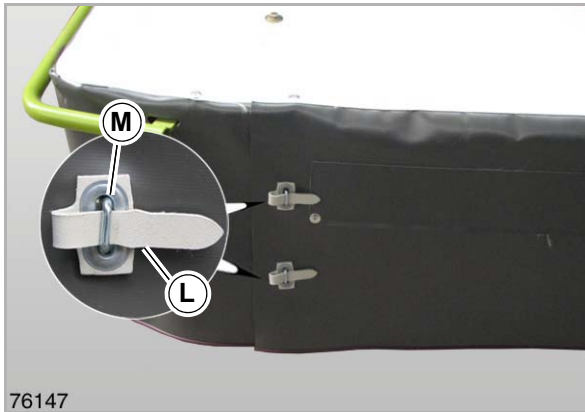


132

- Fit inner safety guard (14).

10		M8x25 (2x)
11		B8 (2x)
14		(1x)
19		8.5x30x3 (2x)

(Fig. 132)



133



**Danger!**

If the straps (L) are not fitted correctly, they may open.

Risk of injury due to inadequate protection from objects being projected through the air.

- Pull all straps (L) fully through the eyelets (M) as shown in Fig. 133.

(Fig. 133)

**CHECK AND OBSERVE AFTER COMPLETE ASSEMBLY AND BEFORE COMMISSIONING.****Danger!**

Work on the machine only when the engine is at a standstill.

- Remove the ignition key!

1. Before commissioning the machine:
  - Carry out tests in accordance with the operator's manual.
  - Check the pull rope settings.
2. Check that the screws are tight.
3. Prior to operation, lubricate the machine thoroughly.
4. Check the levels of grease and oil in the transmissions.
5. Check the machine settings.
6. Check safety features (e.g. overload clutch, drive component covers, etc.) for proper operation and correct seating.
7. Never let the machine run while unattended.
8. Direct persons out of the danger area; if persons approach the danger area, switch the machine off immediately.
9. Carry out a functional check of the machine.
10. Switch on the PTO drive only at idle speed.
11. Check for leaks.

**INSTALLING THE ISOBUS CONNECTING CABLE**



**Attention!**

Route the lines and hoses.

Damaged components, no flow.

Increased wear

- Arrange lines and hoses without kinks.
- Make sure lines and hoses do not rub against adjacent parts.

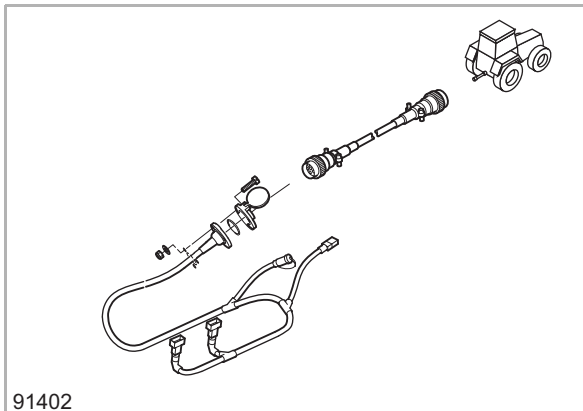


77919

25

- Remove cover (A).

(Fig. 25)

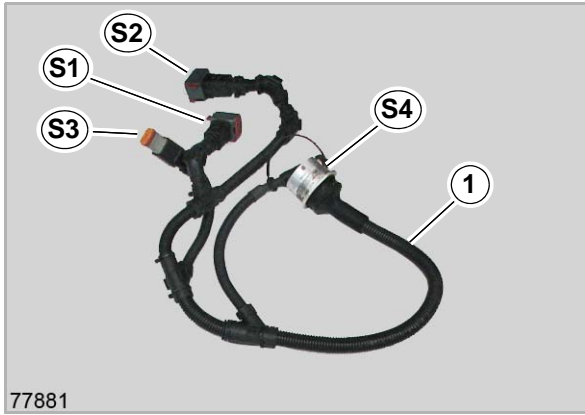


91402

26

CLAAS ISOBUS connecting cable overview

(Fig. 26)

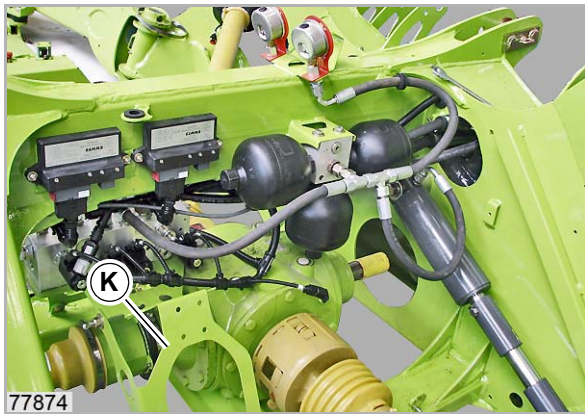


77881

55

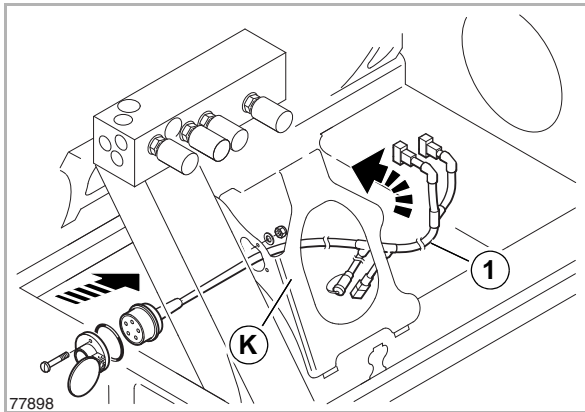
- Feed wiring harness (1) from the front through the support (K). Start by feeding compact plugs (S1), (S2) and plug (S3) through the frame.

(Fig. 55, 56, 57)



77874

56



77898

57



78029

89

- Insert cable plug (19) for the power supply into the corresponding socket (12 volt) on the tractor.

(Fig. 89)



77928

90

- Screw down holder (20) in a suitable position in the tractor cab or use existing holder, if present.

(Fig. 90, 91)



78019

91

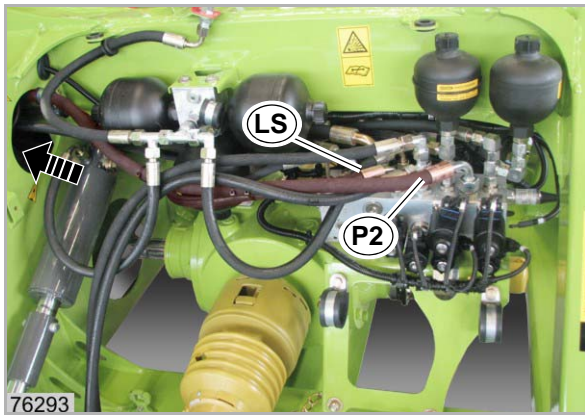
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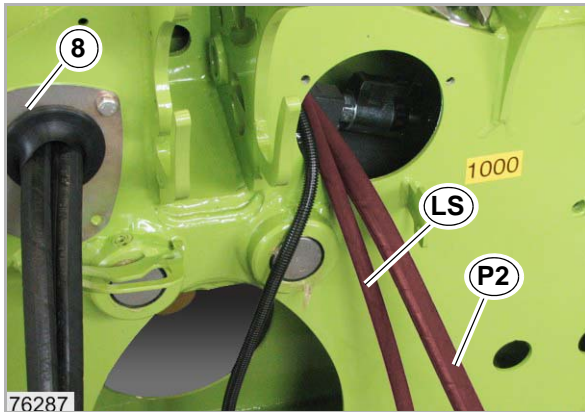
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123

- Feed hoses (LS) and (P2) on the left of the frame through the hole to the front.

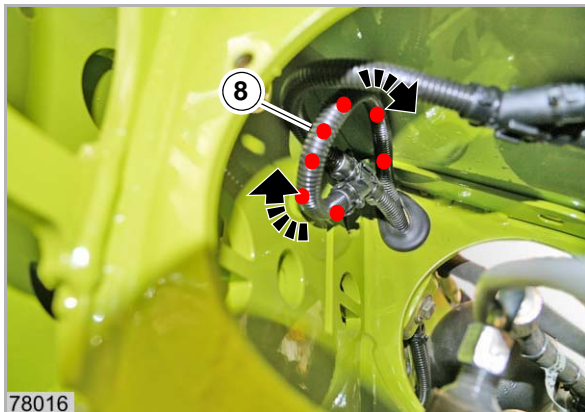
(Fig. 123, 124)



124

- Pull hoses (LS) and (P2) through the hole.

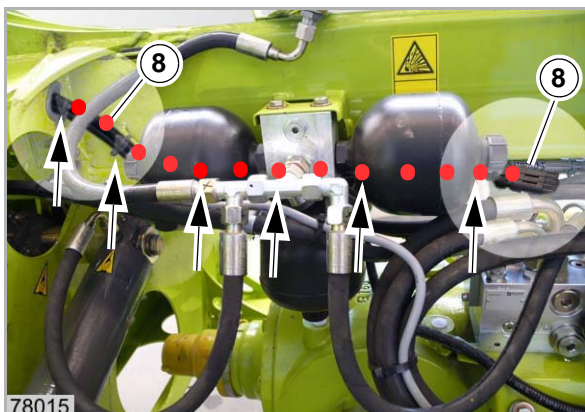
(Fig. 124)



125

- Remove guide sleeve (A) from bore.
- Lay the speed sensor connecting cable (8) in a loop and guide through guide sleeve (A) into the attachment frame.
- Fit guide sleeve (A) in the bore.

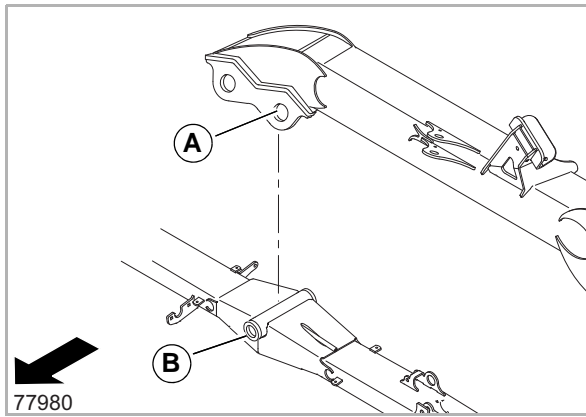
(Fig. 125)



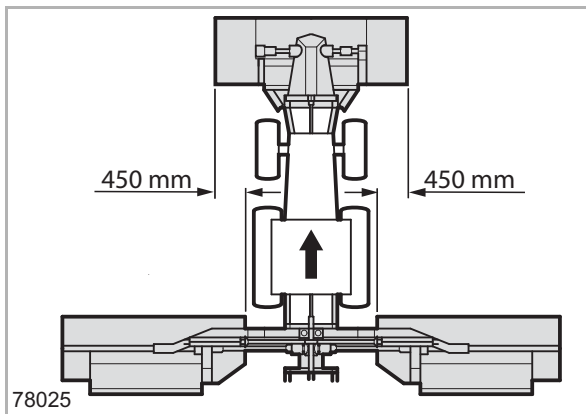
126

- Lay cable (8) behind the pressure accumulators along the wiring loom.
- Fasten cable (8) to the wiring loom with cable tie (arrow).

(Fig. 126)



156



157

- Install the mower units on left and right of the frame.
- Fold down the boom on the left and right. Two people will be needed for this.

Align the mower units on boom so that drilled hole (A) on the boom aligns with drilled hole (B) in the frame.

Allocation of the drilled holes on the boom:

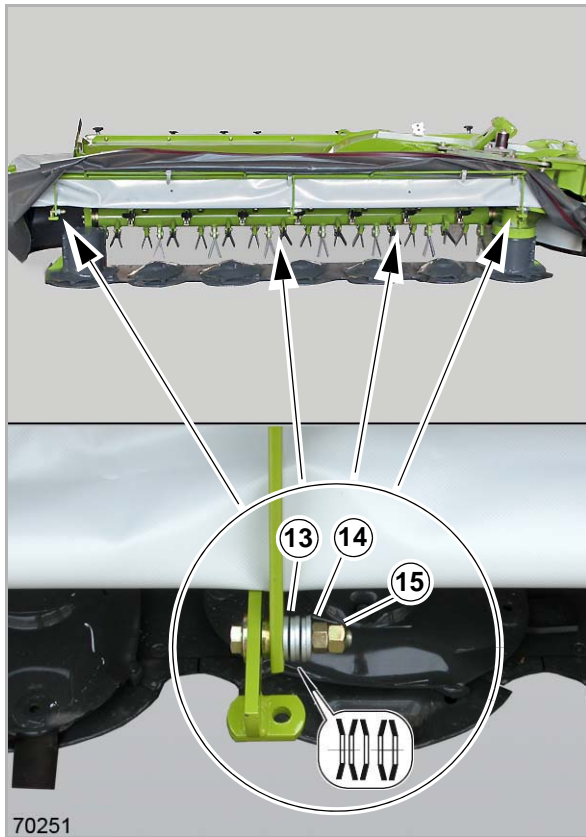


**Note!**

The arrangement of the holes in the boom must be suitable for the front mower unit and the particular conditions of use. An overlap of 450 mm is recommended for a front mower unit 3,000 mm wide.

**A** = assembly as front/rear combination

(Fig. 156, 157)



70251

176

**Front safety guard holder**



**Caution!**

When mounting the movable safety guard holders, pay attention to the arrangement of the conical spring washers (13).

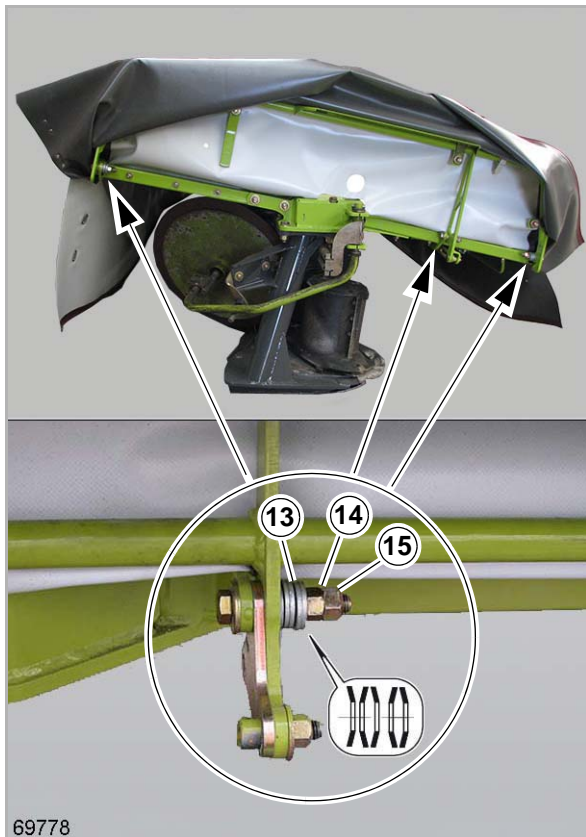
The movable safety guard holders must be stiff to fold and remain in place in any position.

- Tighten hexagon nut (14) and lock nut (15) with a torque wrench.

**Tightening torque:**

<b>4x hexagon nuts (14) M12</b>	<b>15 Nm</b>
<b>4x lock nuts (15) M12</b>	<b>85 Nm</b>

(Fig. 173, 174, 176)



69778

177

**Outer safety guard holder**



**Caution!**

When mounting the movable safety guard holders, pay attention to the arrangement of the conical spring washers (13).

The movable safety guard holders must be folding heavily and remain in place in any position.

- Tighten hexagon nut (14) and lock nut (15) with a torque wrench.

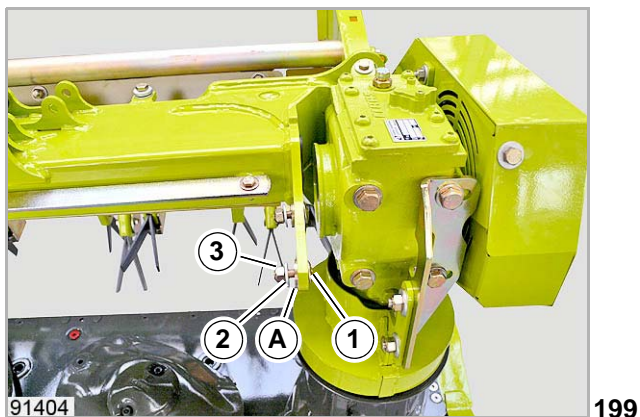
**Tightening torque:**





<b>3x hexagon nuts (14) M12</b>	<b>20 Nm</b>
<b>3x lock nuts (15) M12</b>	<b>85 Nm</b>

(Fig. 173, 174, 177)

**Fitting the safety guard holder**

- Fit front safety guard holder (5) to left and right mower units.



1		M10x35 (4x)
2		B10 (4x)
3		M10 (4x)
5		(1x)
A		10,5x30x1,5 as needed

(Fig. 197, 198, 199)

**Front safety guard holder:**



**Caution!**

When mounting the movable safety guard holders, pay attention to the arrangement of the conical spring washers (7).

The movable safety guard holders must be folding heavily and remain in place in any position.

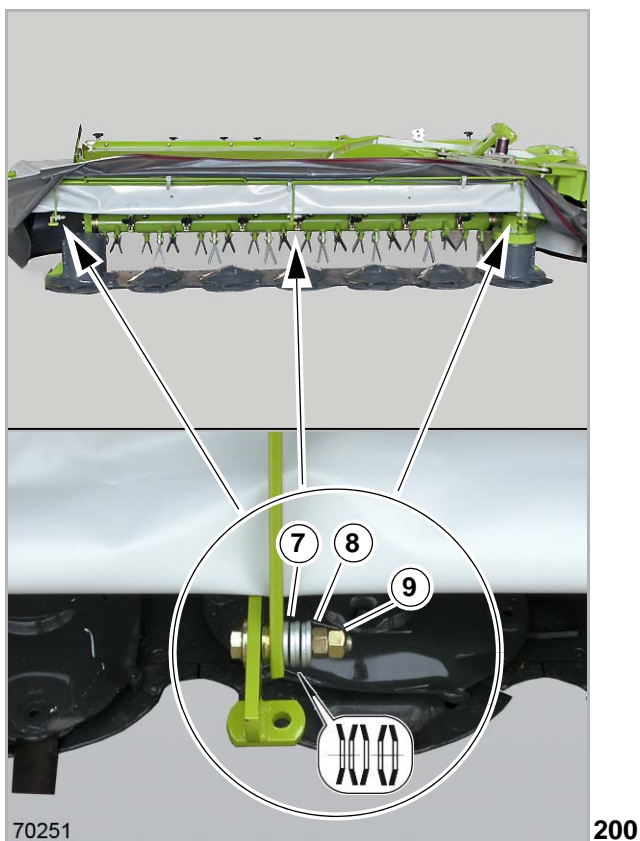
- Tighten hexagon nut (8) and lock nut (9) with a torque wrench.

**Tightening torque:**

**3x hexagon nuts (8) M12                      20 Nm**

**3x lock nuts (9) M12                              85 Nm**

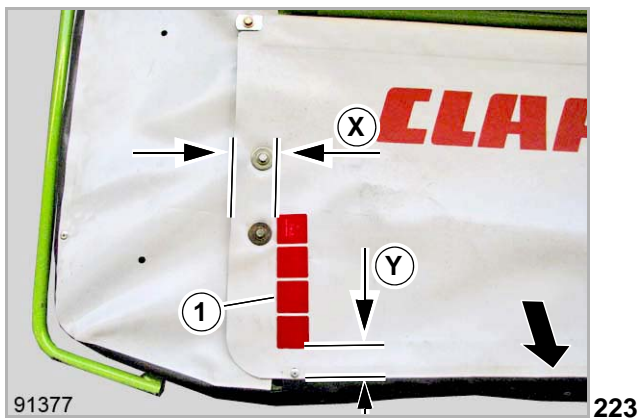
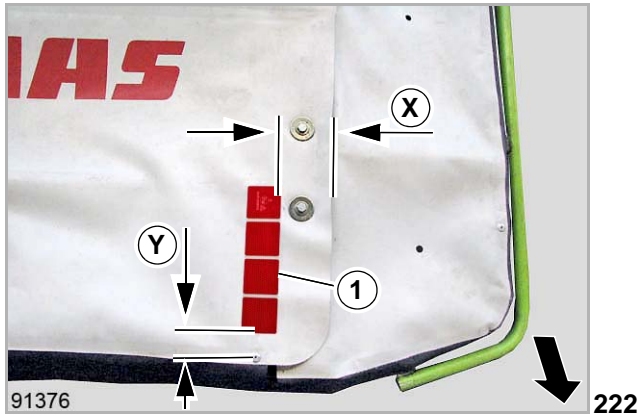
(Fig. 197, 198, 200)



**DECAL**

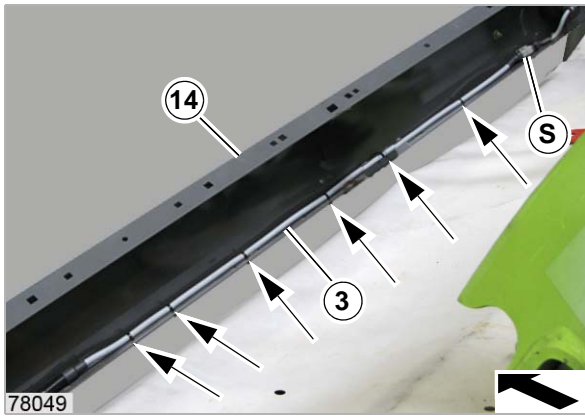
The decal (1) is used for alignment to the edge when mowing.

- Clean safety guard in decal area.
- Attach decal (1):
  - X = 80 mm**
  - Y = 50 mm**
- Press decal (1) on firmly
- Pull off the covering film from the decal



1		(2x)
---	--	------

(Fig. 222, 223)

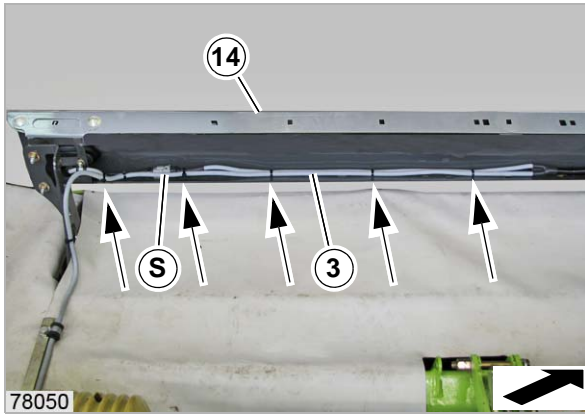


16

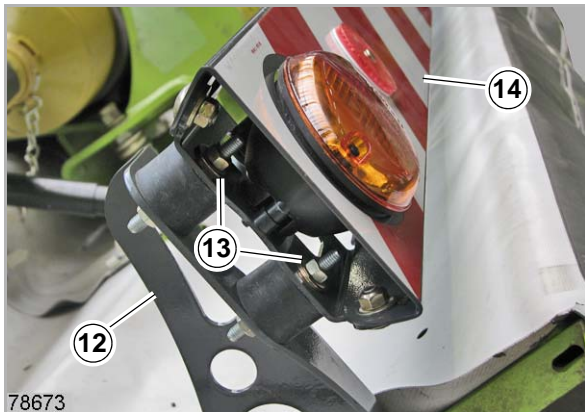
If an additional lighting cable has been ordered (see page 157), lighting cable (3) remains on the front mower unit. Lighting cable (3) must be removed from the light rail (14):

- Remove cable tie (arrow).
- Disconnect plug (S).
- Roll up lighting cable (3) and attach securely to the front mower unit so it does not rub.

(Fig. 16, 17)



17



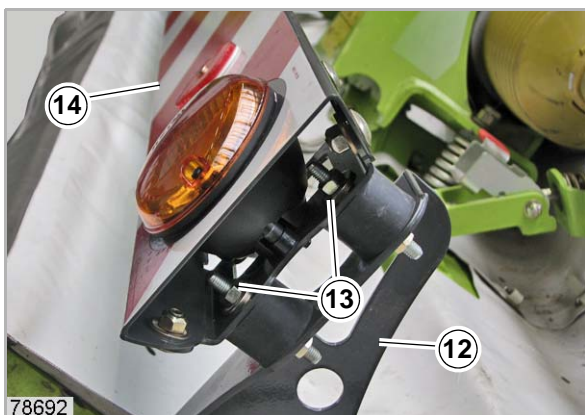
18

- Remove nuts (13).
- Lift light rail (14) out of mounting (12).

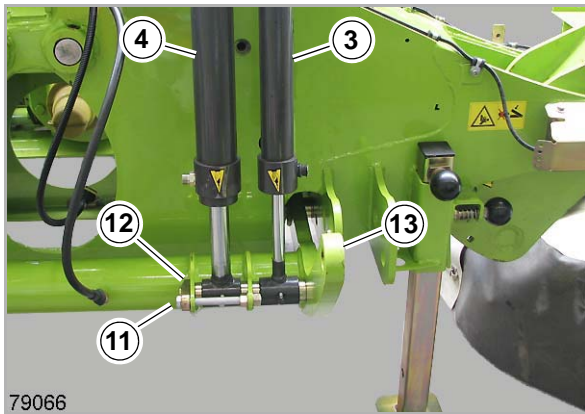
(Fig. 18, 19)

**i Note!**

Set light rail (14) aside for later installation in frame – see *Fitting the light rail to the frame*, page 185.



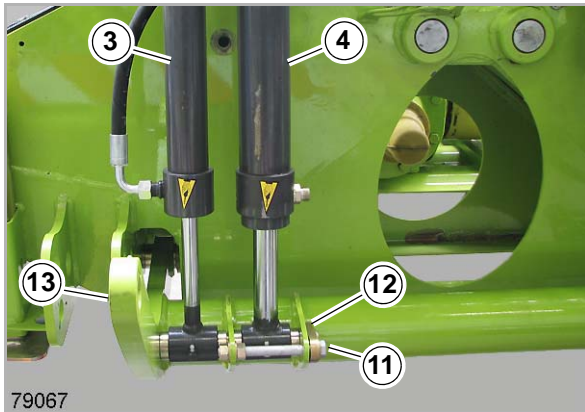
19



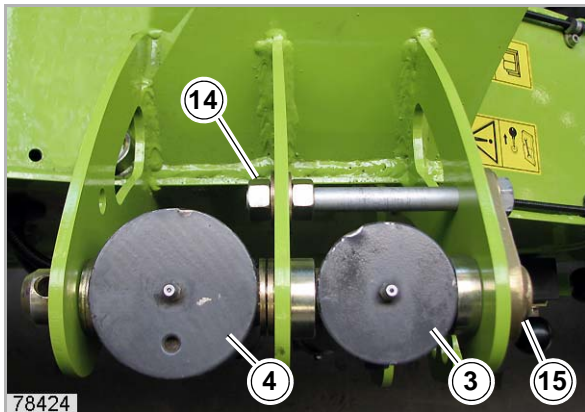
47

- Remove cylinders (3) and (4).
- Remove hexagon bolts (11).
  - Remove pins (12).
  - Fold down rocker arm (13).

(Fig. 47, 48)



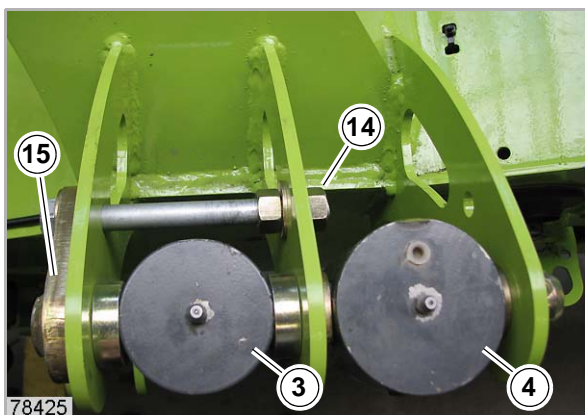
48



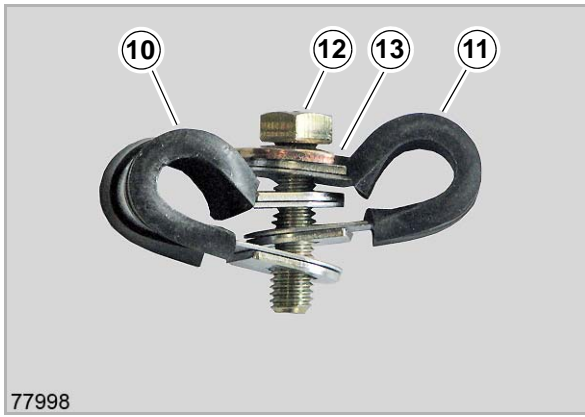
49

- Remove hexagon bolts (14).
- Remove pins (15).
- Remove cylinders (3) and (4).

(Fig. 49, 50)







50

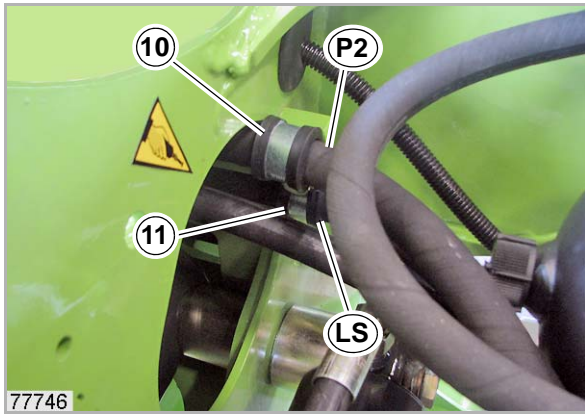


83

Bolt (12) and washer (13) are mounted on the frame in the position where the clamps will then be fitted.

Fit the clamps (10) and (11) together as shown in (Fig. 83) .

10		21/21 (1x)
11		15/15 (1x)
12		M8x30 (1x)
13		A8 (1x)

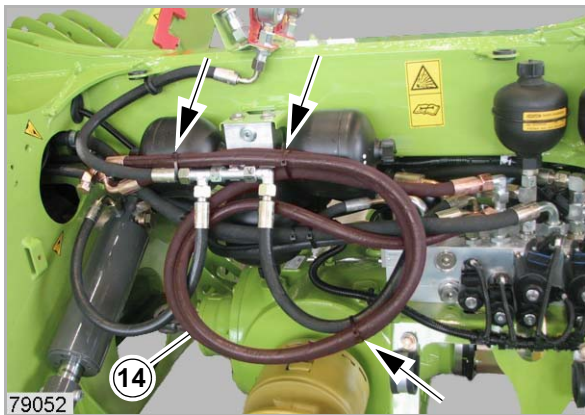


84

Fit the hoses to the frame. Check the arrangement of the hoses:

- Top: fit hose (P2) and clamp (10).
- Bottom: fit hose (LS) and clamp (11).

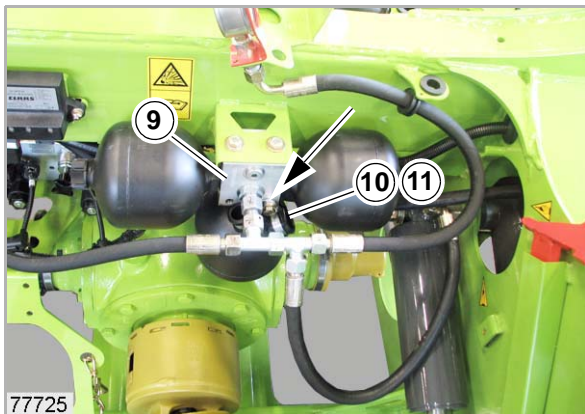
(Fig. 83, 84)



85

- Form adapter hoses (12) into a loop and secure with cable ties (arrow).

(Fig. 85)



86

**Frame, right**

Clamps (10) and (11) are then used to mount the hose on the pressure accumulator block (9).

- Detach clamps (10) and (11) from the pressure accumulator block (9).
- Refit existing clamps from the frame and unneeded bolts and contact washers to the pressure accumulator block (9) (arrow).

(Fig. 86)

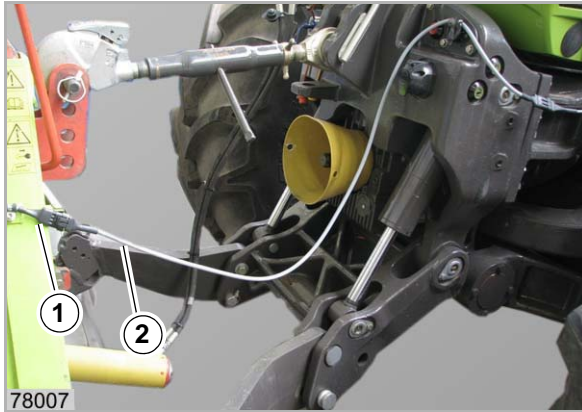
**FITTING THE SPEED SENSOR CABLE**

**Fitting the speed sensor cable**

The speed sensor cable can only be fitted if the front mower unit has a speed sensor. The necessary cables (2) and (3) are contained in installation kit, spare part no. 00 0483 999 0 (front mower unit speed sensor).

- Connect speed sensor cable (1) on the front mower unit to detector cable (2).

(Fig. 114)



114

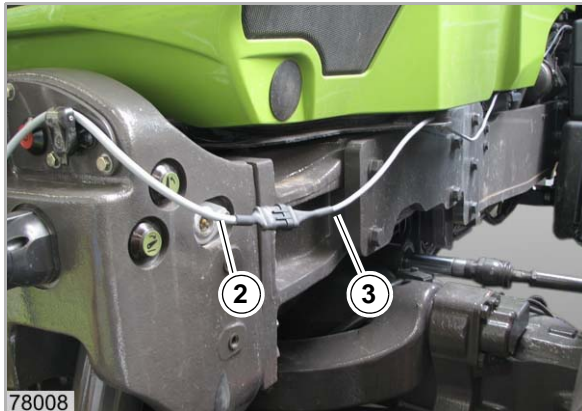
- Connect detector cable (2) to extension cable (3).
- Make sure cables (2) and (3) do not rub along the length of the tractor.

The cables are included with the basic machine.

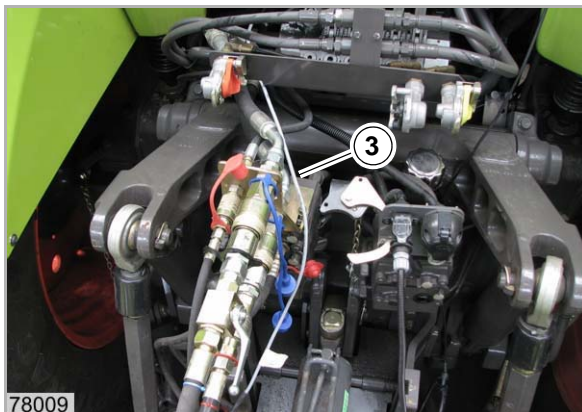
Detector cable (2) DZS Front                    00 0483 998 0

Extension cable (3) DW 60                    00 0934 998 0

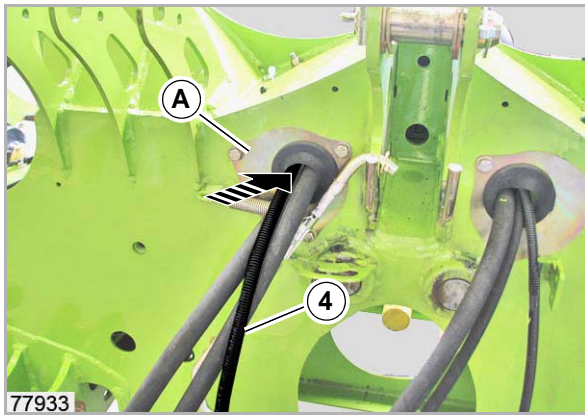
(Fig. 115, 116)



115



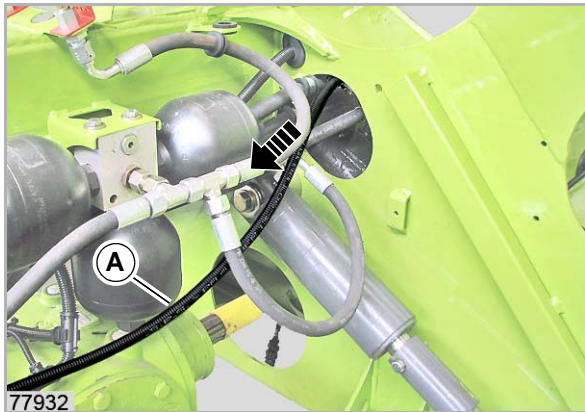
116



24

- Pull cable (4) through the hole and into the frame.
- For ISOBUS or Communicator:
- Remove cover (A) and pull hoses out of cover (A).
  - Pull cable (4) through the hole and into the frame.

(Fig. 24, 25)



25

- Fit cable (A) and clamp (S) to frame:

(Fig. 26)

For more information on installing the cable (A), see:  
CLAAS STANDARD TERMINAL assembly,  
see page 15

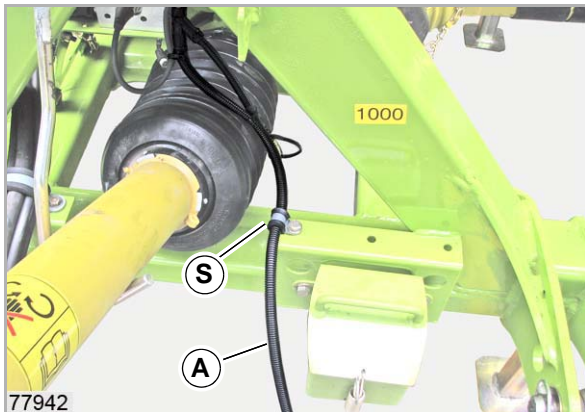
or

ISOBUS connecting cable assembly, see page 23

or

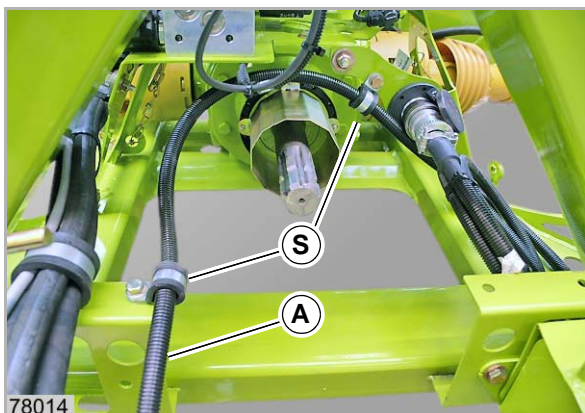
CLAAS COMMUNICATOR with ISOBUS assembly,  
see page 29.

CLAAS COMMUNICATOR without ISOBUS assembly,  
see page 32.



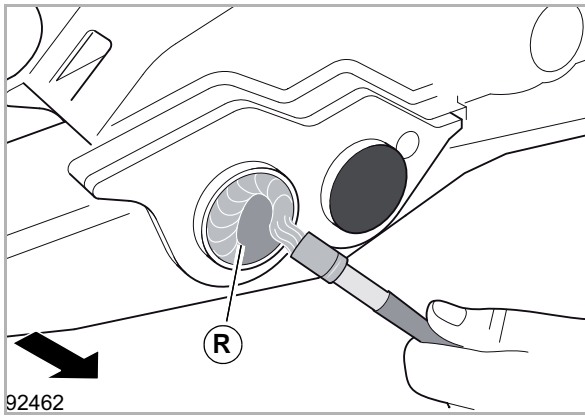
26

77942  
CLAAS standard terminal



27

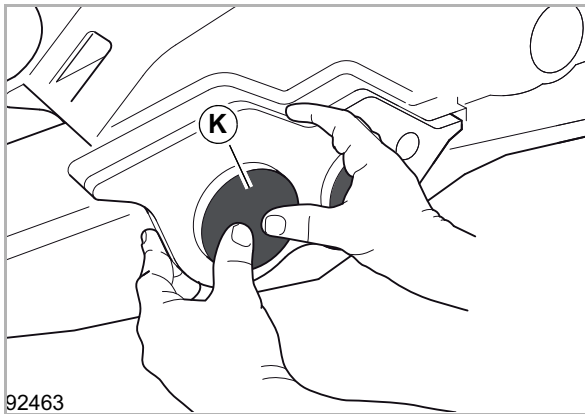
78014  
ISOBUS connecting cable / CLAAS Communicator



59

**DISCO 9300 C Duo / 9300 RC Duo**

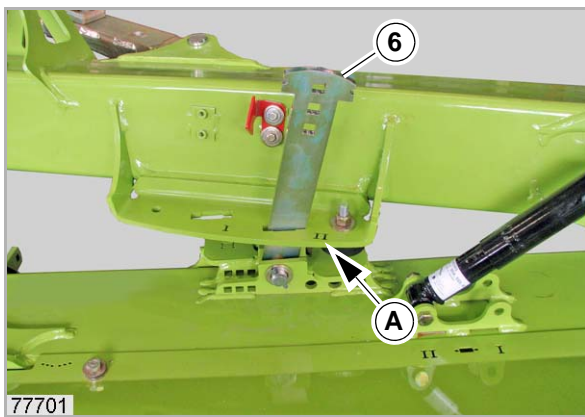
- Fill the ring (R) with grease.
- (Fig. 59)



60

**DISCO 9300 C Duo / 9300 RC Duo**





- Fit the protective cap (K).
- (Fig. 60)



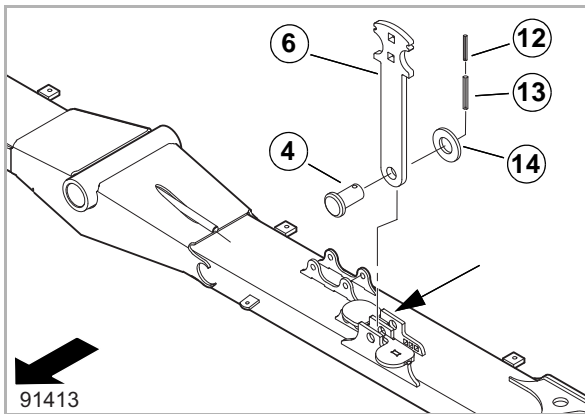
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The holder (arrow) has two positions. Place the adjustment tool (6) in the rear position.

- Insert adjustment tool (6) in position (A) through the guide on the boom.
- Fit adjustment tool (6) and pin (4), washer (14) and expansion pins (12, 13).

4		W20H11x85x78 (1x)
12		3x36 (1x)
13		5x36N (1x)
14		21x24x3 A3c (1x)

(Fig. 61, 62)



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