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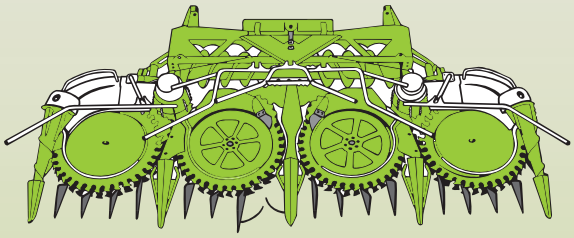


RU 600 CONTOUR
RU 600 AUTO-CONTOUR
RU 600 XTRA

TYP 661

# Assembly and Operator's Manual

SERVICE & PARTS


6

10. To ensure that the driver's field of view is not restricted, the maize header must only be raised to the point where the front edge of the horizontal safety bar is no more than approx. 400 mm above the ground.

(Fig. 6)


7

### Driving lights during road transport

The normal front driving lights of the forage harvester are covered by the maize header when it is swung into transport position.

When driving on public roads and paths, the driving lights must be switched to the headlights (A) located at a higher position, as well as the contour lamps and turn flashers.

- Check if lighting and turn flasher are working, and repair if necessary.

Further information – see *Additional lighting for road transport* on page 7.4.

(Fig. 7)

## Additional weights

Forage harvesters with a front attachment installed must be fitted with additional counterweights according to the traffic regulations of your country for transport on public roads and ways. This is necessary so that the machine does not lift at the rear during braking and when driving on slopes.

The load on the steering axle wheels should be 20% of the machine weight with mounted maize header.

Further information – see *Additional weights* on page 7.3.

## ADJUSTMENTS TO THE FORAGER

The maize header is designed for operation on the forager models 492 and 491 Overdrive (with 12t drive axle).

The following adjustments must be made on the forager before attaching the maize header.

### Additional weights

Forage harvesters with a front attachment installed must be equipped with additional weights according to the traffic regulations of your country for transport on public roads and ways. This is necessary so that the machine does not lift at the rear during braking and when driving on slopes.

The load on the steering axle wheels should be 20% of the machine weight with mounted maize header.

Attaching the additional weights – see forage harvester operator's manual.

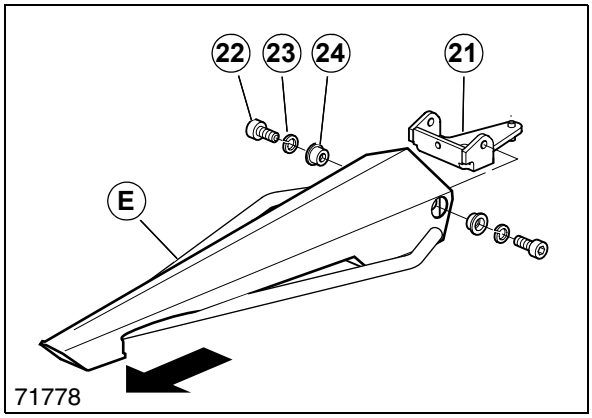
**Required additional weights**

| **Forager model:** | **Number** |
|---|---|
| JAGUAR model 491 Overdrive: | 16 |
| JAGUAR model 492 with 540/65-R24 tyres and standard steering axle: | 12 |
| JAGUAR model 492 with 540/65-R24 tyres and 4-trac steering axle: | 10 |
| JAGUAR model 492 with 700/50-26.5 tyres and 4-trac steering axle: | 7 |
| JAGUAR model 492 with 16.9-24 tyres and standard steering axle: | 13 |
| JAGUAR model 492 with 16.9-24 tyres and 4-trac steering axle: | 11 |

**Order numbers – additional weights**

| **Quantity** | **Description** | | **Order no.** |
|---|---|---|---|
| 7 | additional weights | 780 kg | S09 0050 |
| 10 | additional weights | 1100 kg | S09 0065 |
| 11 | additional weights | 1221 kg | S09 0070 |
| 12 | additional weights | 1332 kg | S09 0080 |
| 13 | additional weights | 1443 kg | S09 0085 |
| 16 | additional weights | 1776 kg | S09 0090 |

up to serial No.: 661 0 1804

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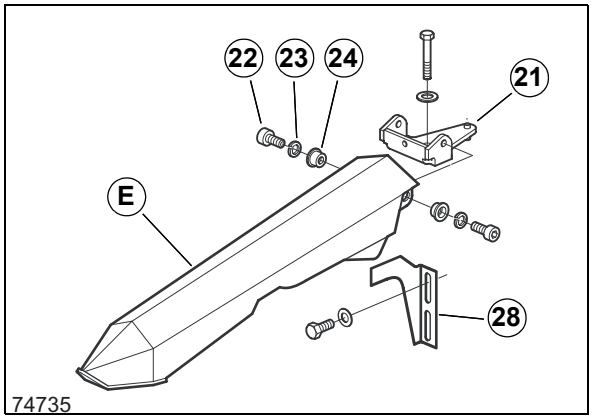
Centre crop dividers (E) with two deflector bars.

(Fig. 32)

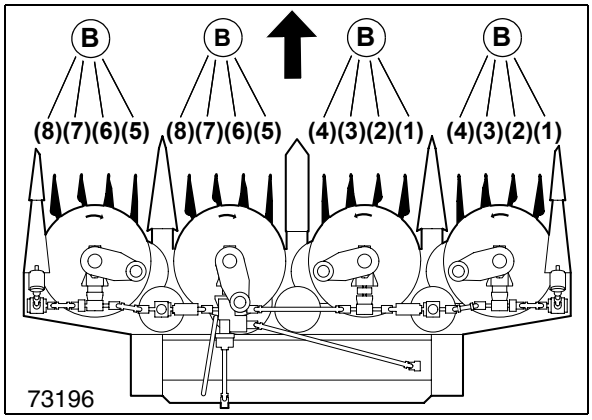
from serial No.: 661 0 1805




33

Centre crop divider (E) without deflector bar

(Fig. 33)

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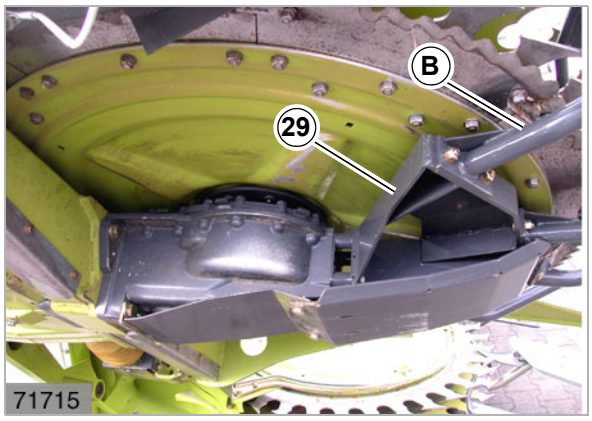
## Installing divider point (RU 600 with 4 divider points)

**NOTE!**

The divider points (B) are numbered in sequence in their original state. With installed Autopilot, instead of the central divider points (2) and (3), the crop divider (D) is mounted. Observe the sequence.

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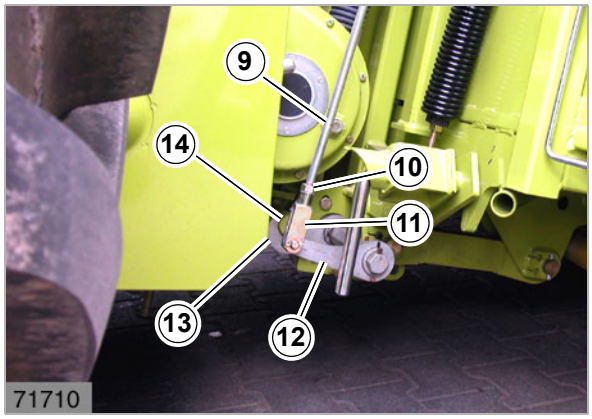


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## Adjusting the locking rods

**DANGER!**

Carry out work under and on the raised maize header only after having propped it safely.

– see *Safety prop*, page 5.6.

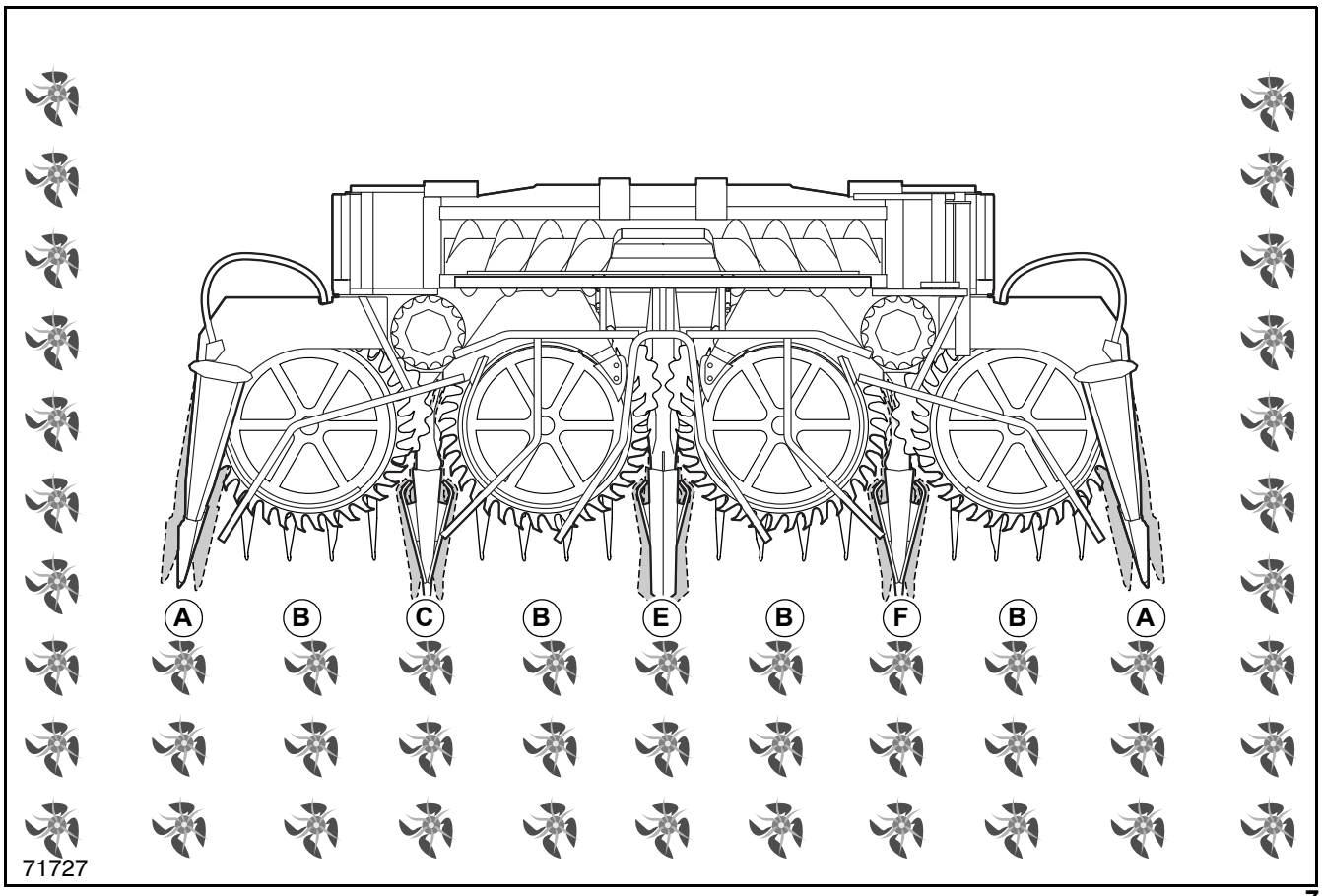
**NOTE!**

The locking rods must be adjusted so that the catch hooks (13) surround the coupling shaft (14) from the feeder housing of the forager with pretension.

The locking rods (9) must be readjusted as required. Proceed as follows:

- Raise front attachment to the highest position.
- Prop/support front attachment securely.
- Use suitable prop elements.
- Extend the prop stands until they touch the ground and secure them – see *Prop stands* on page 7.26.
- Loosen the yoke (11) on the lever (12).
- Loosen the lock nut (10).
- Screw the yoke (11) in or out from the rod.
- Retighten the yoke (11) on the lever (12).
- Retighten the lock nut (10).

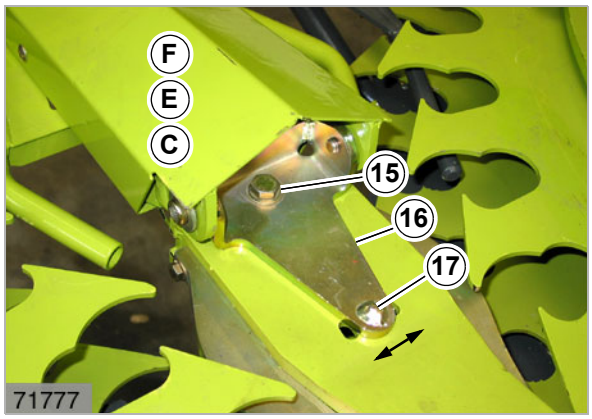
(Fig. 55)




7

## Crop dividers

Check the crop dividers before adjusting the height – see *Adjusting the crop dividers* on page 7.16.




8

## Adjusting the angle of the crop dividers

While foraging, if the crop dividers (C, E, F) run exactly on the maize rows, the dividers can be angled to match the rows. Proceed as follows:

- Loosen screw (15) until the spigot (17) can be removed.
- Lift bracket (16) and adjust spigot (17) by one hole to the left or right.
- Retighten bolt (15).

**NOTE!**

If the crop dividers are to be straightened again, reinstallspigots (17) in the centre holes.

(Fig. 7, 8)

# 9 Maintenance

## IMPORTANT MAINTENANCE INSTRUCTIONS

**DANGER!**

Always switch off the drive and the forage harvester before troubleshooting, and for repair, maintenance and cleaning work.

– Remove the ignition key.
– Switch off the battery master switch.

**DANGER!**

Carry out repair, maintenance and cleaning work on or under the raised maize header or feeder housing only if it is safely propped.
– see *Safety prop* on page 5.6.

### Hydraulic system

**DANGER!**

Always depressurise the hydraulic system before working on it.

Fluid escaping under high pressure (hydraulic oil etc.) can penetrate the skin and cause serious injuries. Immediately consult a doctor in case of injury, otherwise serious infections can set in.

**ENVIRONMENT!**

Dispose of oil and grease according to regulations.

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

Repair work on the hydraulic system must be carried out by authorised workshops, if possible your CLAAS partner.

### Bolts

Check all bolts for tightness and retighten if necessary.

Check that all split pins and roll pins are in place.

### Lubrication

Observe the oil change intervals and the oil type in the gearbox specified by the manufacturer. Use only good quality grease or oil to lubricate the machine. Clean the grease nipples before applying the grease gun. Lubricate regularly following the lubrication chart.

The lubrication intervals stated apply to normal service conditions only. Lubricate more frequently if the machine is used in severe conditions.

**ENVIRONMENT!**

Dispose of oil and grease according to regulations.

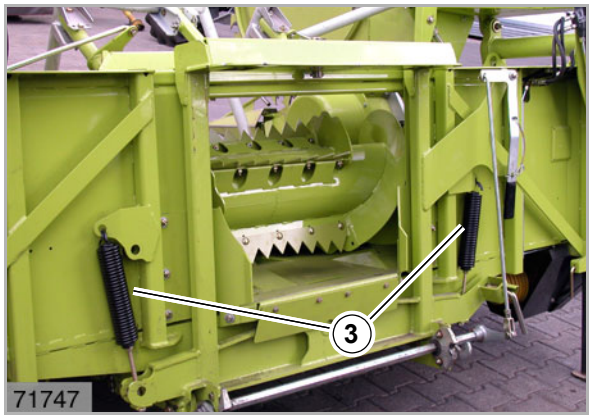
### Guards

Open folding guards only with the drive switched off and the engine at a standstill.
– Remove the ignition key.
– Switch off the battery master switch.

Mount the complete guards again after all maintenance and repair work.

Regularly check safety guards.

Replace worn or damaged safety guards with new ones.

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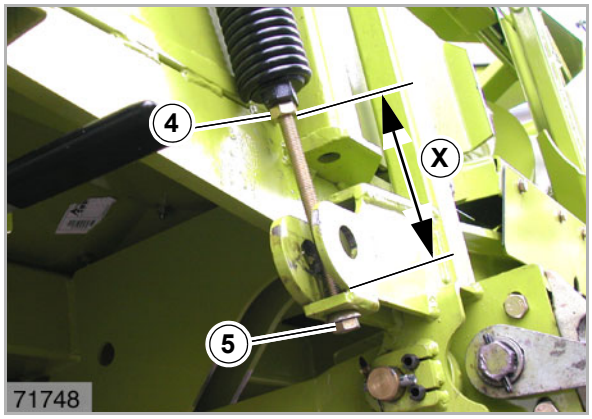


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### Spring tension of folding frame

**(only RU 600 Contour, RU 600 Auto-Contour)**

The maize header is held in its horizontal position by the springs (3). If the maize header hangs down on one side, the spring (3) tension must be adjusted. Proceed as follows:

- Loosen lock nut (4).
- Adjust screw (5) until distance "**X**" is reached.
- Re-tighten lock nut (4).
- Check horizontal position of the maize header.

**NOTE!**

The springs (3) should be equally tensioned on both sides.

Distance "**X**": 110 mm

(Fig. 19, 20)

## HYDRAULIC SYSTEM

Repair work on the hydraulic system must be carried out by authorised workshops, if possible your CLAAS partner.

### Hydraulic hose connections

Check hydraulic hoses before putting the machine into operation for the first time and afterwards at least once a year.

Exchange hydraulic hoses when damaged or aged.

**NOTE!**

Hydraulic hoses may be used for a maximum period of 6 years after production.

The production date (month and year) is shown on the hydraulic hose.

Example: "2 Q-02" indicates that the date of manufacture is the 2nd quarter of 2002.

(Fig. 21)