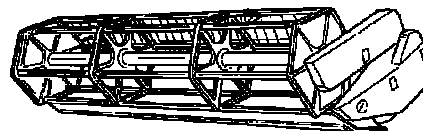


LAVERDA



CUTTING TABLE

FF 480

FF 540

FF 600

FF 700

FF 760

**ORIGINAL
OPERATOR'S
MANUAL**



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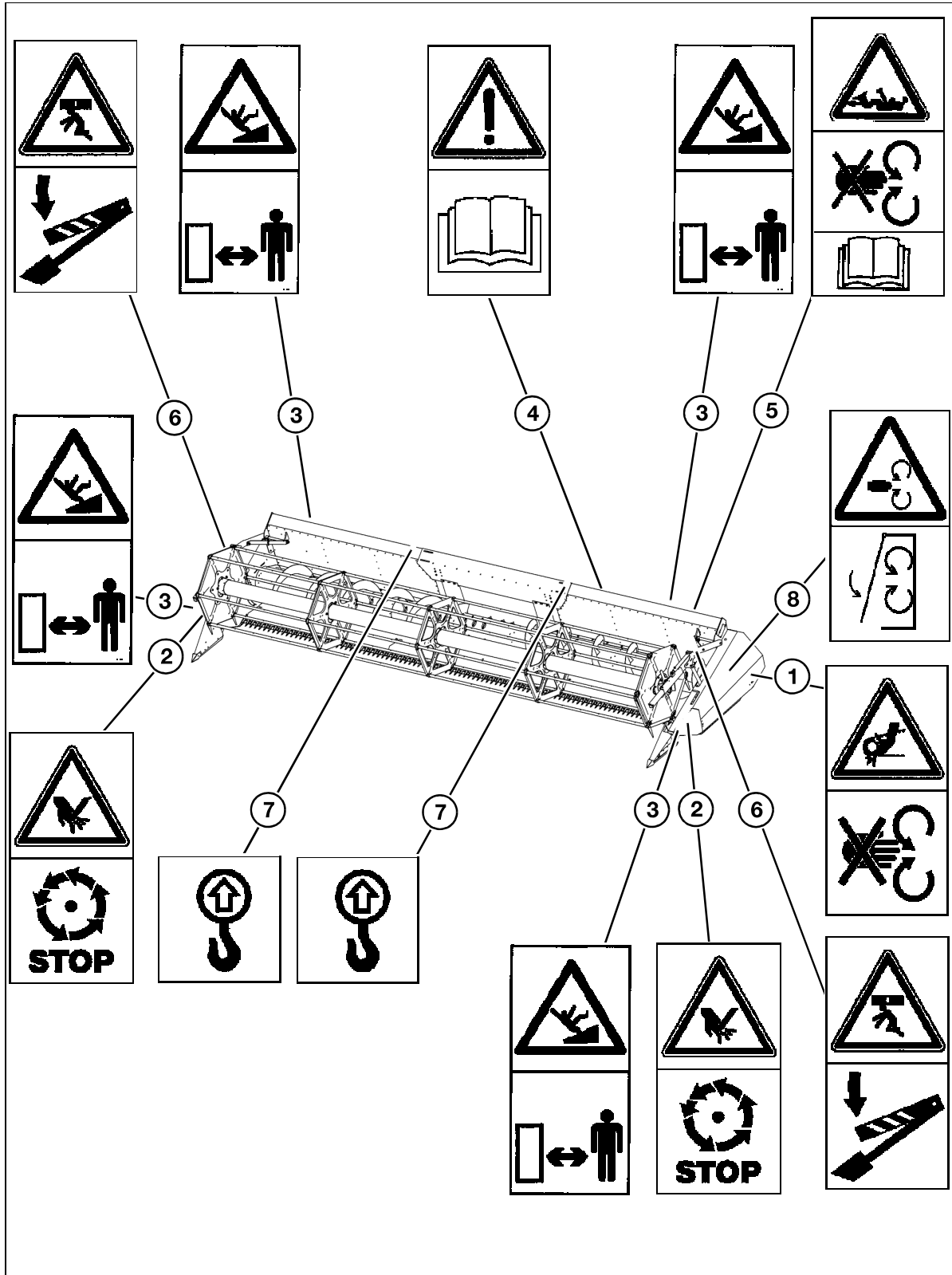


Fig. 6

Position of safety decals

- h.) Get down from the machine and pull the lever (3) up fully; the tensile force of the spring (9) guarantees that the lever (3) remains locked in this position in the hole.

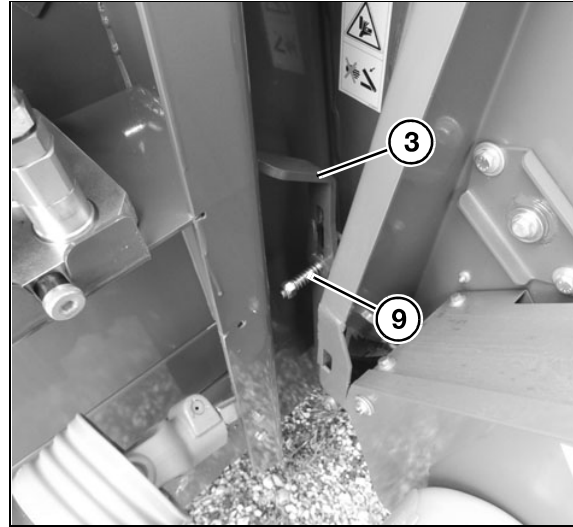


Fig. 6

- i.) Connect the PTO shaft (10) to the drive shaft of the main crop elevator and secure the protection stop chain (11) in the hole on the PTO shaft guards.

IMPORTANT: For easier connection of the PTO shaft, the main crop elevator drive shaft can be rotated using the wrench placed on the left-hand side of elevator housing.

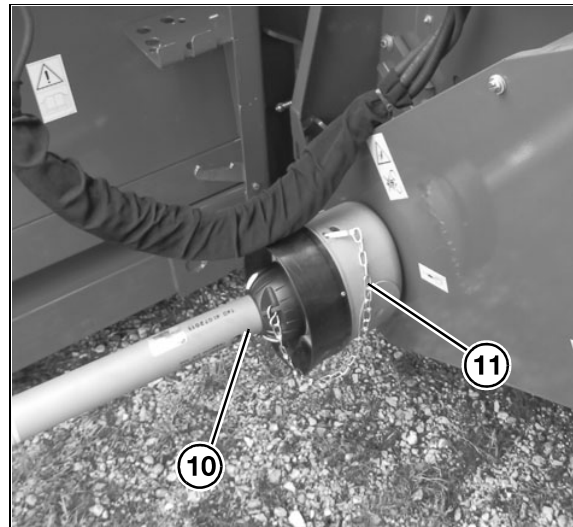


Fig. 7

- j.) Connect the mobile plate (12) of the hydraulic line quick-connectors and electrical connectors to the fixed plate (13).

IMPORTANT: Make sure that all components are clean before connecting the two plates.

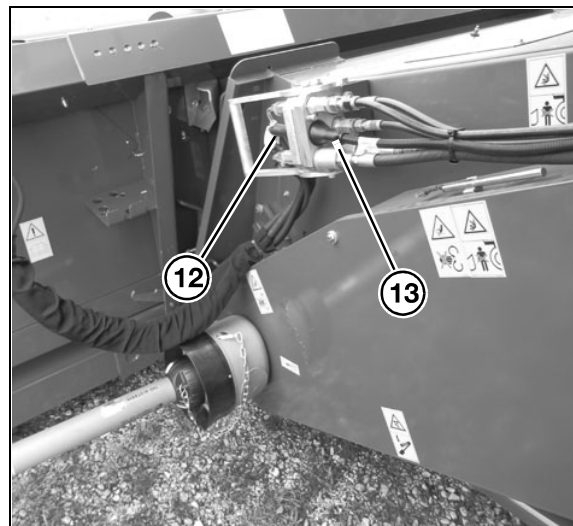


Fig. 8

4.8 CUTTING TABLE ADJUSTMENT FOR DIFFERENT CROPS

TYPE OF CROP	RECOMMENDED OPTIONAL EQUIPMENT	STRAW DIVIDER	TABLE AUGER	REEL
WHEAT BARLEY OATS TRITICALE	-	- Straw dividers - Straw divider extension wing	- Clearance between auger flights and table bottom 10-12 mm - Clearance between retractable fingers and table bottom 10-12 mm	- Speed slightly higher than combine forward speed. - The spring tines must only just penetrate the crop and be slightly angled towards the knife. - The reel must be moved about halfway forward.
RYE	- Torpedo dividers	- Torpedo dividers - Straw divider extension wing	- Clearance between auger flights and table bottom 15-18 mm - Clearance between retractable fingers and table bottom 12-15 mm	
RICE	- Auger sprocket Z = 54	- Straw dividers - Straw divider extension wing	- Clearance between auger flights and table bottom 10-12 mm - Clearance between retractable fingers and table bottom 10-12 mm	- Speed slightly higher than combine forward speed. - In short crops, the reel spring tines must only just touch the knife.
RAPE	- Vertical knives	-	- Clearance between auger flights and table bottom 20-25 mm - Clearance between retractable fingers and table bottom 20 mm	- Fully raised and forward. Speed lower than combine forward speed.
RYEGRASS FESCUE	-	- Straw dividers - Straw divider extension wing	- Clearance between auger flights and table bottom 10-12 mm - Clearance between retractable fingers and table bottom 10-12 mm	- Adapt the reel speed to the crop type. - In short crops, the reel spring tines must only just touch the knife.
BEANS PEAS	- Crop lifter - Auger sprocket Z=54	- Straw dividers - Straw divider extension wing	- Clearance between auger flights and table bottom 18-20 mm - Clearance between retractable fingers and table bottom 16-18 mm	- Adapt the reel speed to the crop type. - The reel must be adjusted forward and the spring tines must work with the crop lifters to lift and feed the crop.

TABLE AUGER SAFETY CLUTCH

Fig. 5

The safety clutch is loaded by the tensile force of the seven cup springs on FF 480 models; there are eight springs on larger cutting tables.

NOTE: In addition to the seven cup springs, the FF 480 models also have two washers; the washer with a larger diameter should be fitted in direct contact with the sprocket (1) while the washer with a smaller diameter is positioned in contact with the flange (2). In other models, this last washer is not present.

The safety clutch calibration must not be further increased.

Before the start of the harvest season, check the two toothed rings behind the sprocket (1) for wear; replace them if required, taking care to tighten the nut (3) and the locking nut (4) to a torque of 300 Nm.

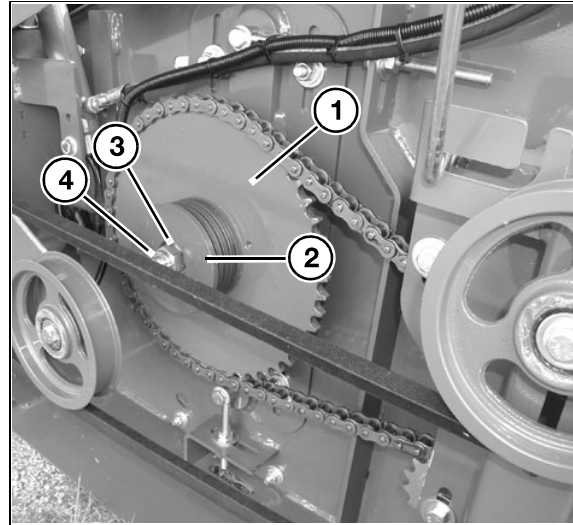


Fig. 5

TRANSMISSION CHAIN (only AL quattro evo model)

Fig. 6

The chain is tensioned with the tensioner (1), which can be moved after loosening the screws (2).

The adjustment is correct when a deflection of 5-6 mm is provided by applying a load of 30 N on the point shown.

NOTE: On the transmission guard, level with the tensioner (1), there is a small hatch that allows you to easily check the tension of the chain.

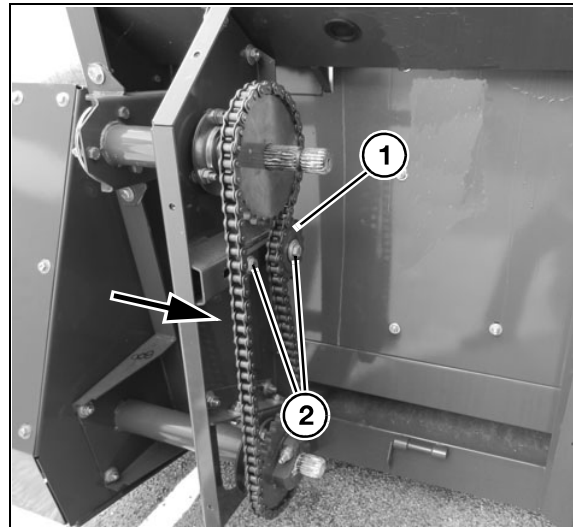


Fig. 6

REEL CONTROL CIRCUIT PRESSURE SAFETY VALVE

Fig. 7

A pressure safety valve is internally integrated into the proportional valve (1) to control the torque transmitted to the reel. In the event of excessive force, the pressure safety valve opens and the oil returns to the tank instead of supplying the hydraulic drive reel motor. This stops the reel from turning and prevents any mechanical failure.

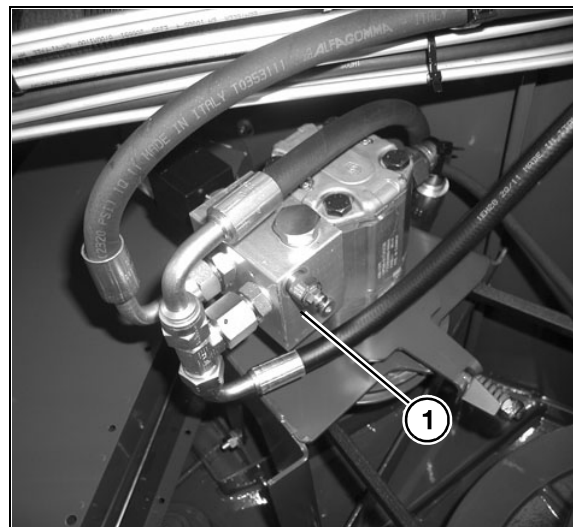


Fig. 7

10. OPTIONAL EQUIPMENT

CROP LIFTERS

Fig. 1 – Fig. 3

In particularly difficult laid crops it is recommended to fit a set of crop lifters on the cutting table.

The flexible-steel crop lifters slide under and lift the crop so that it is cut at the bottom without leaving the ears on the ground and without the cutting table dragging on the ground.

To ensure efficient action, fit the crop lifters in all the positions where a special nut (1) is fitted in the bottom part of the finger bracket.

To install the crop lifters, proceed as follows:

- 1.) Insert the crop lifter (2) in the groove of the special nut (1).
- 2.) Lift the crop lifter (2) and fit the lock (3) on the top part of the finger.
- 3.) Tighten the lock (3) turning it fully forward.

NOTE: The mount (4) to be fitted to the right-hand side of the cutting table is also provided with the crop lifters.

This solution lets you remove the crop lifters and transport them easily and compactly.

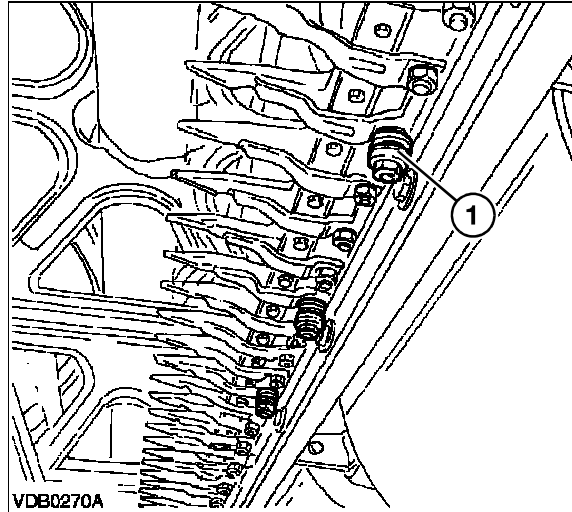


Fig. 1

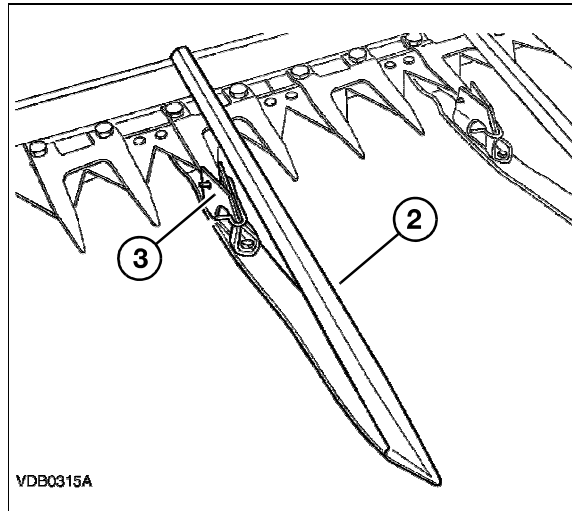


Fig. 2



Fig. 3

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