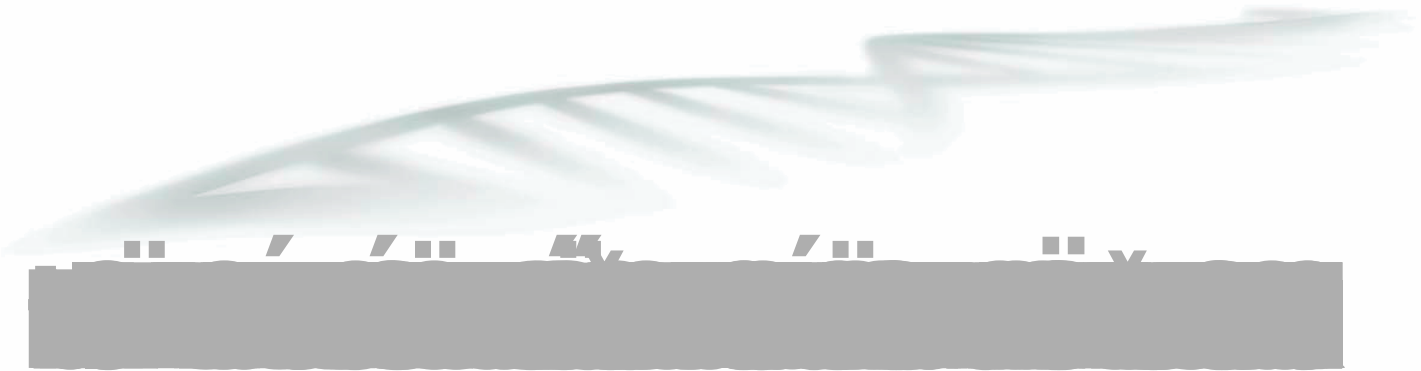




MASSEY FERGUSON

DM 9314

Fauché ~~31 555 11 55 11 55~~
M ~~55 11 55 11 55 11 55~~



OD SPOLEČNĚ ~~55 11 55 11 55 11 55~~

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Machine description

1 Machine description

1.1 Identification

Manufacturer: AGCO Feucht GmbH

Fellastraße 1-3

90537 Feucht

Germany

Telephone: +49 (0) 9128 73-0

Fax: +49 (0) 9128 73-210

1.2 Type plate and serial number

The serial number of your machine can be found on the type plate following the description Mach.-no. / Serial-No.:

The type plate (Abb 2) is riveted to the frame.



Abb 2. Type plate DM 9314 TL

In addition, the machine/serial number is also stamped onto both cutter bars (Abb 3).



Abb 3. Stamped machine/serial number

1.3 Intended use

The disc mower is used to cut stalks that grow at ground level. To do so, it must be in the working position (machine lowered). This machine has been constructed exclusively for normal use with agricultural or similar tasks.

Any other use beyond this is considered improper. The manufacturer accepts no liability for any damage caused as a result of improper use. The user alone is responsible for this.

“Proper use” includes:

- Paying attention to all of the information on how to operate the machine in the operating instructions.
- Observing all safety instructions.
- Carrying out all inspections and maintenance work as instructed and when they are due.

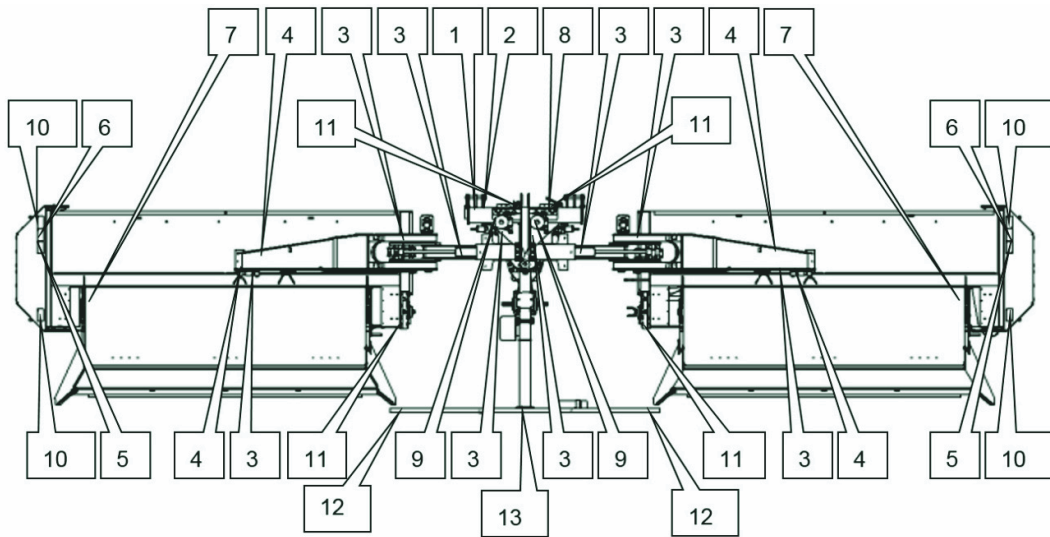


Abb 33. Warnings and hazard symbols on the machine

Type 1



Type 2



Type 3



Type 4



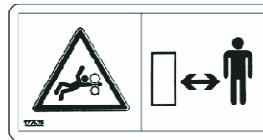
Type 5



Type 6



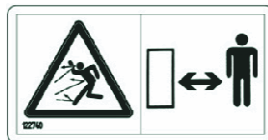
Type 7



Type 8



Type 9



Initial operation

- Reverse the tractor onto the anchoring elements for the lower link on the machine (Abb 54 and Abb 55).

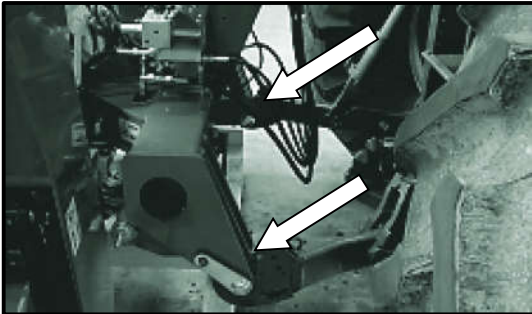


Abb 55. Move away in reverse with the lower links

- Capture the balls on the three-point headstock using the lower link retaining hook (Abb 56).

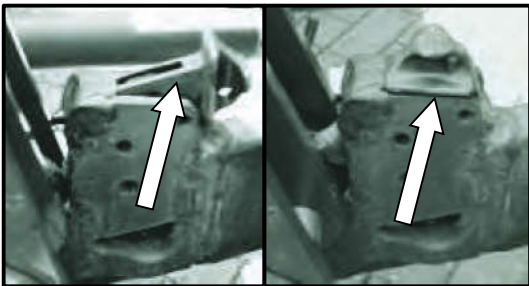


Abb 56. Lower link retaining hook open and locked

- Ensure that the lower link retaining hook is correctly locked and check that the safety elements on the lower link mounting system are in good condition.
- Couple the upper link and secure it with a safety splint (Abb 57).

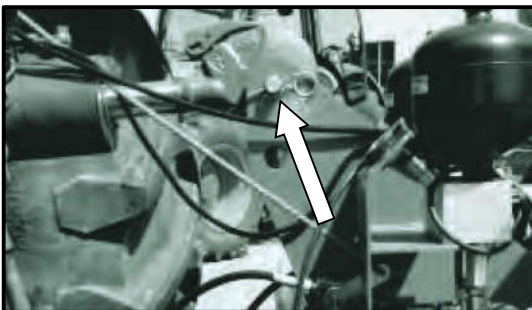


Abb 57. Upper link attached and secured

Take the weight off the support leg by raising the lower links.

Obtain the lower link's transport height setting from the label attached to the machine.

Set the machine to the transport height (= height between ground and centre of lower link pins).

Fold up the rear stand and secure with a safety splint (Abb 58).

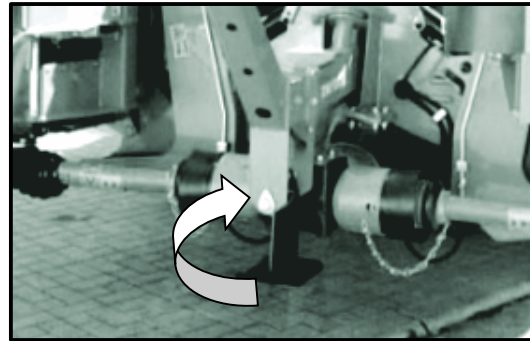


Abb 58. Fold up and secure the rear stand



WARNING

Risk of personal injury if the standardised three-point categories for tractor and machine do not match

Use of incorrect or non-standardized three-point hitch attachments can result in malfunctions and injury to persons.

- Use the appropriate/corresponding lower link category.

- Trace the causes of the vibration immediately.
- Rectify the fault immediately.
- Remove the dirt between cutter bar and mower discs.
- Check the cutter blades and cutter-blade bolts.

IMPORTANT

Risk of material damage

- Do not under any circumstances reverse with the machine lowered.
- Before reversing, lift the machine into the headland position (Abb 86).

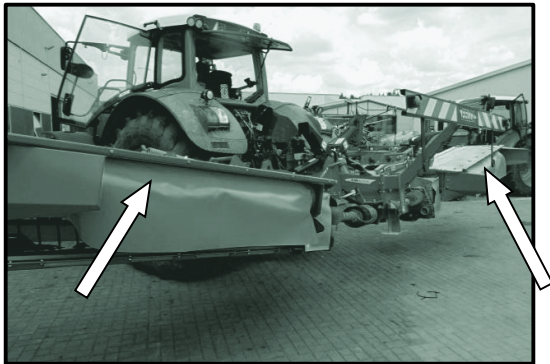


Abb 86. Mower units in headland position

- Only begin mowing once the maximum rotational speed of 1000 rpm has been reached.
- When mowing, observe the effect of the driving speed on mowing quality and the swath deposit, and adjust the speed accordingly.



Abb 87. Hydraulic upper link

- Shortening the upper link reduces the cutting height.
- Lengthening the upper link increases the cutting height.
- Adjust the contact pressure of the mower units by activating the two pressure limiting valves according to conditions (see Section 6.7.1).

Moving the machine into headland position (see Abb 86)

- For turning at the end of the field, set the SA control valve to "Lift".
- Lift the machine into the headland position.
- Lower the machine back into the working position by setting the SA control valve to the floating position.

Maintenance

SAFETY INSTRUCTION

Important when carrying out work:

- When performing maintenance, always carry out the steps described fully and in the order indicated.

IMPORTANT Section 7.1.1 contains a service schedule with a summary of all maintenance tasks and service intervals.

7.1.1 Service schedule

SAFETY INSTRUCTION Prerequisites for all maintenance tasks are:

- Switch off the machine
- Lower the machine into the working position.
- Switch off the tractor engine.
- Remove the ignition key.

Maintenance task	Before first use	After the first 5 hours of operation	Before each use	Regularly/As required	After a specific number of operating hours	After 6 years
Check and retighten nuts and bolts.	X	X		X		
Check gearbox and cutter bar oil levels	X				50 h	
Checking and lubricating drive shaft					According to manufacturer's specifications	
Check the protective covers			X			
Replace protective covers				As required		
Check hydraulic hoses			X			
Replace hydraulic hoses				As required		X
Check cutter blades				X		
Replace cutter blades				As required		
Check stick-on warnings for completeness				X		
Check lighting equipment			X			
Clean machine				X		

Tab. 11 Service schedule

IMPORTANT

Risk of material damage through imbalance

Irregular running may result in damage to the machine.

- ➔ If necessary, replace the cutter blades in pairs.
- ➔ Always ensure the cutter blades are fitted according to the direction of rotation.

- ➔ Replace the cutter blade and/or the cutter-blade bolt and the Verbus-Ripp nut. (Abb 145)



Abb 145. : Individual parts during blade replacement

1. Cutter blade
2. Cutter blade bolt
3. Verbus-Ripp nut

- ➔ Fasten the cutter blade using the cutter-blade bolt and the Verbus-Ripp nut.
- ➔ Note the direction of rotation of the mower discs (Abb 146 and Abb 147).

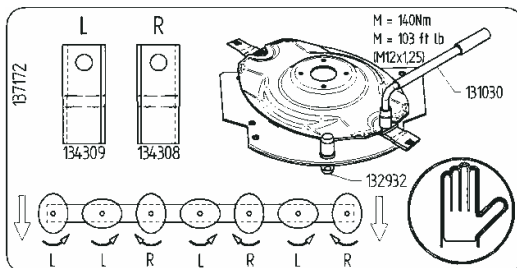


Abb 146. Direction of rotation of the mower discs on right mower unit

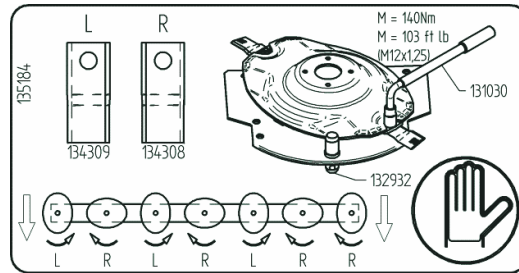


Abb 147. Direction of rotation of the mower discs on left mower unit

- ➔ Tighten the bolt with the spanner.
- ➔ Observe the tightening torque of 140 Nm (130 ft lb).
- ➔ Remove the stop pin from the stone guard disc.

7.1.10.6 Replacing the cutter blades

Applicable for models with quick-change blade system:

IMPORTANT

Risk of material damage through imbalance

Irregular running may result in damage to the machine.

- ➔ If necessary, replace the cutter blades in pairs.
- ➔ Always ensure the cutter blades are fitted according to the direction of rotation.

NOTE

A key is provided for the quick-change blade system.

- ➔ Use the key provided for replacing the cutter blades.
- ➔ Remove any dirt from around the cutter-blade attachment

Maintenance

- Release the 4 screws (1) from the cover (2) of the feed drum.
- Remove the cover.

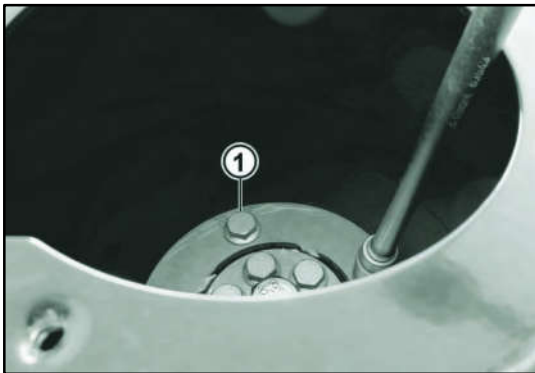


Abb 178. driveGUARD - Outer bolts

- Release the 4 outer bolts (1) on the driveGUARD element using the socket spanner extension.

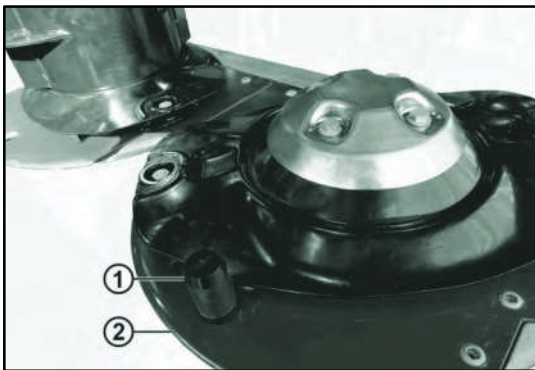


Abb 179. Stop pin inserted in new position

- Insert the stop pin (1) into the adjacent mower disc (2).



Abb 180. driveGUARD - Inner bolts

- Release the 6 inner bolts.
- Carefully remove all parts of the released driveGUARD element.

Installation

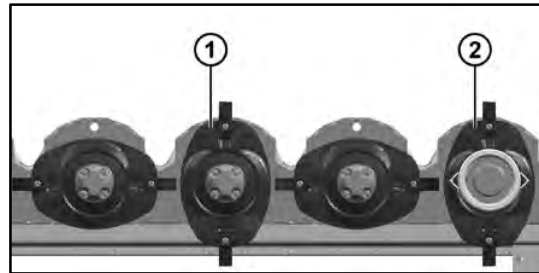


Abb 181. Mower discs aligned

- Align mower disc (1) parallel to mower disc (2).

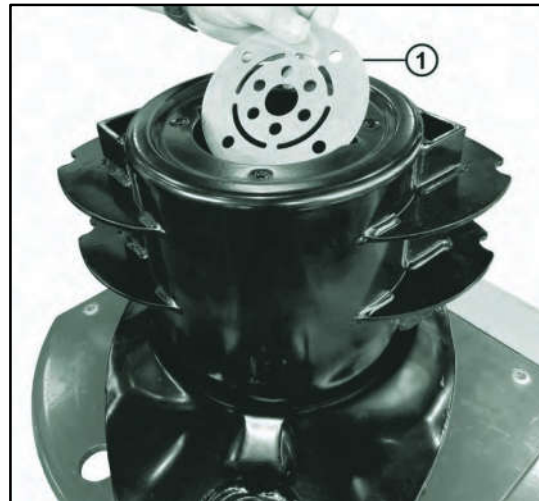


Abb 182. Insert new driveGUARD element

- Insert a new driveGUARD element (1).

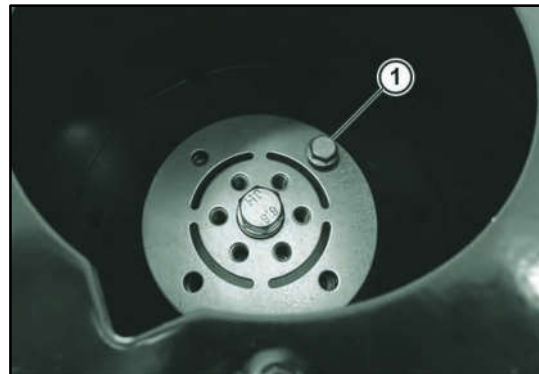


Abb 183. Position of the new driveGUARD element

- Position the new driveGUARD element as shown.
- Make sure that all fastening holes of the driveGUARD element line up with the bolt holes of the mower disc.
- Insert the stop pin back into the respective mower disc.

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