

Supplement to the operating manual

AMAZONE

Roller harrow



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This document is a
supplement to the
applicable operating
manual

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1 Roller harrow (optional)

The roller harrow consists of

- the harrow tines (Fig. 1/1)
- the press rollers (Fig. 1/2).

The harrow tines close the seed furrows.

The press rollers press the seeds into the furrows. Better soil contact means more humidity is available for germination. Voids are closed and obstruct snails' access to the seed.

The following are adjustable

- the inclination of the harrow tines
- the working depth of the harrow tines
- the roller pressure on to the ground.



Fig. 1

1.1 Adjusting the roller harrow



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Prior to adjustment: Switch off the tractor's PTO shaft and apply the tractor parking brake, switch off the tractor engine and remove the ignition key.



Check the work results after each adjustment.

1.1.1 Adjusting the harrow tines

In order to adjust the harrow tines, raise the machine until the harrow tines are directly above the ground, but not touching it.

Apply the tractor parking brake, switch off the tractor engine and remove the ignition key.

1.1.1.1 Adjusting the inclination of the harrow tines

1. The harrow tines are adjusted by removing the cap plug (Fig. 2/1) below the steering unit (Fig. 2/2), in all segments, in the same borehole.

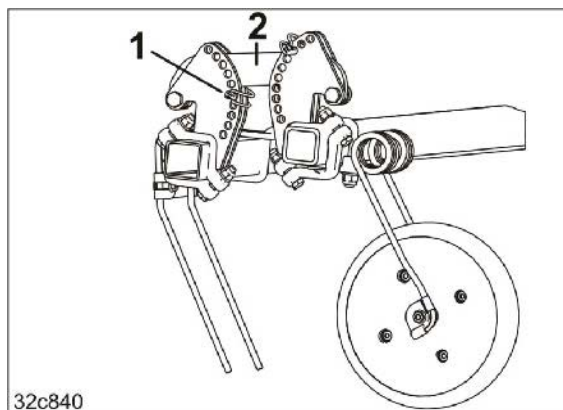


Fig. 2

1.1.1.2 Adjusting the working depth of the harrow tines

1. Adjust the working depth of the harrow tines by removing the cap plug (Fig. 3/1) above the steering unit (Fig. 3/2), in all segments, in the same borehole.

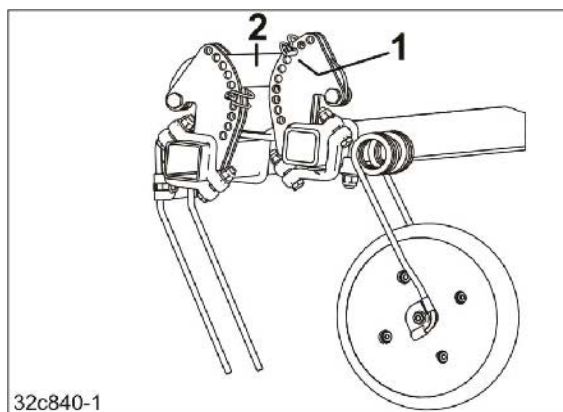


Fig. 3

1.1.2 Adjusting and testing the roller pressure on the ground

1. Set the machine on the field to its working position.
2. The roller pressure is adjusted by uniformly turning the spindle with the crank (Fig. 4) on all adjusting segments.

Turning to the left:
the roller pressure on the ground increases

Turning to the right:
the roller pressure on the ground decreases

Use the supplied ratchet if the adjusting element does not have a crank. The ratchet is in the cartouche along with the operating instructions.

3. Secure the adjustment by inserting a lynch pin (Fig. 5/1).



Fig. 4

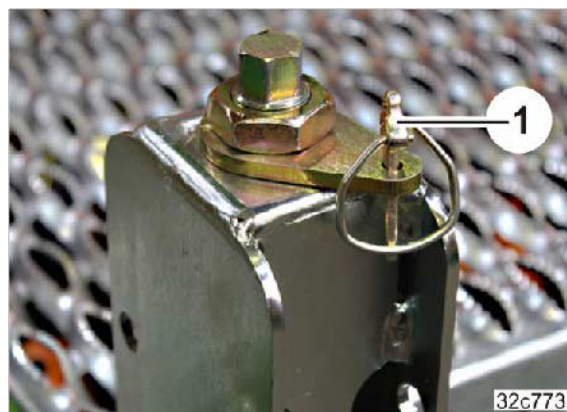


Fig. 5

4. Check the roller pressure on the ground using e.g. a spring scale (see Fig. 6).

Roller diameter D [mm]	Roller pressure F [kg]
250 mm	max. 20 kg
330 mm	max. 35 kg



The roller pressure "F" must not exceed the table value.
Higher pressures than indicated may damage the machine.

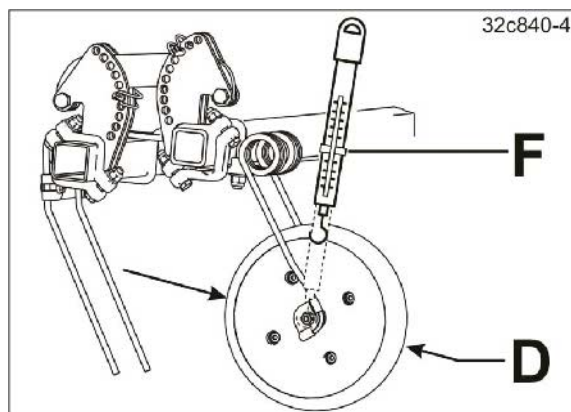


Fig. 6



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