



MASSEY FERGUSON

DM 255

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Safety

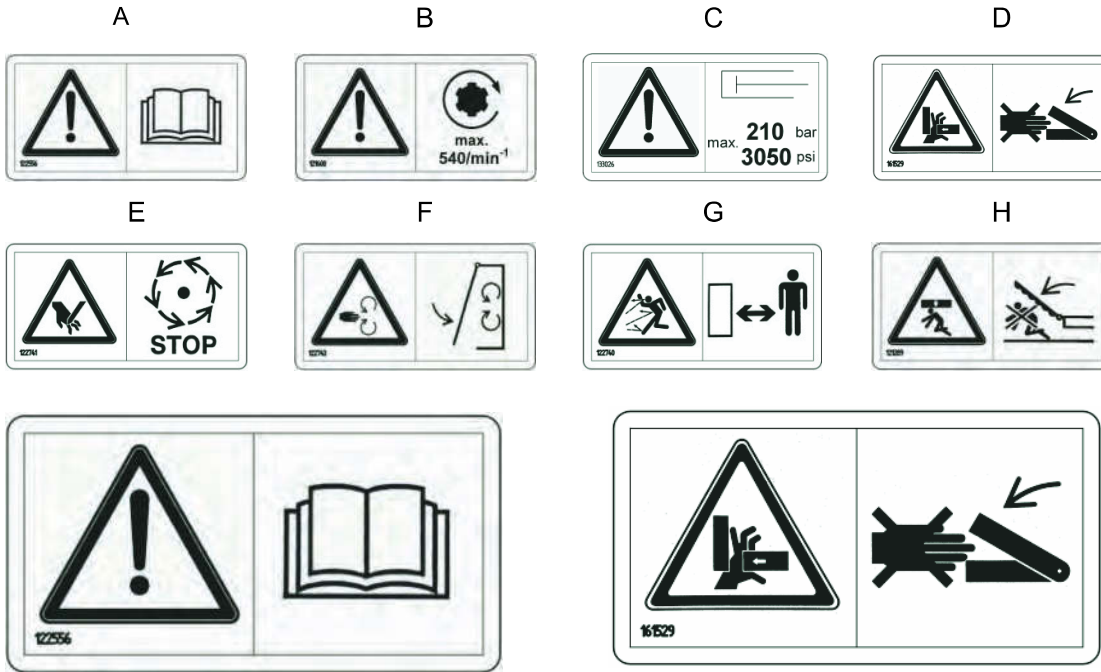


Fig. 5 Operating instructions

Before using the machine for the first time, **read** the operating instructions and safety instructions. Always **observe** the operating instructions and safety instructions while using the equipment.



Fig. 6 Drive speed

Do not exceed the maximum permitted drive speed of 540 rpm.



Fig. 7 Hydraulic pressure

Do not exceed the maximum permitted hydraulic pressure of 210 bar/3050 psi.



Fig. 8 Risk of crushing

Never reach into the area where there is a risk of crushing while parts may still move in that area.



Fig. 9 Overrun time/wait until moving parts are stationary

Only approach when the machine's machine parts **have come to a complete stop**.

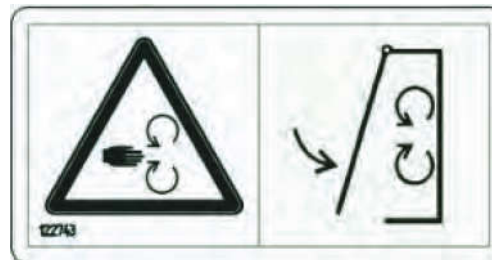


Fig. 10 Close the guard

Move the machine's **safety equipment to the safety position** before switching on the PTO shaft.

Shortening the PTO shaft

- Establish the shortest operating distance between the tractor and the machine. This is achieved if:

The PTO shaft connections of the tractor and machine are at the same height.



Fig. 21 PTO shaft connections at the same height

- Pull the two halves of the PTO shaft apart.
- Attach each half to the corresponding connection.
- Hold the two halves of the PTO shaft side by side.

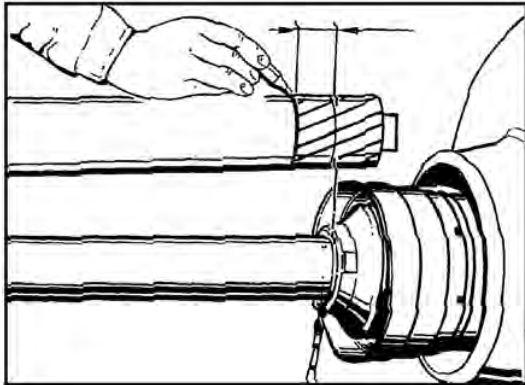


Fig. 22 Mark the measurement

- On the outer protective tube, mark a measurement of 25 mm from the edge of the inner protective tube.
- Shorten the outer protective tube.
- Shorten the inner protective tube and both profile tubes by the same amount.
- Pay particular attention when shortening plastic-coated profile tubes

to make sure that the cut surface does not get too hot.

If it gets too hot, the coating could burn and the PTO shaft could then seize during use.

- Deburr and clean the cut ends.
- Grease the inner profile tube.
- Check the profile tube overlap at the longest operating distance. It must be at least half of the length when pushed together.

Machine storage

11 Machine storage



Danger!

Risk of injury from the machine slipping, lowering or tipping over

If the machine slips, lowers or tips over, anyone standing near it may be put at risk.

- Park the machine on level and firm ground.
- Ensure the machine is sufficiently stable.

- Move the SA control valve into the floating position.
- Fully lift the machine.
- Release the safety catch using the pull cable.
- Fully lower the machine.



Danger!

Risk of injury from running-on machine parts

The work tools on the machine may continue to run after the drive has been switched off, causing personal injury.

- Wait until all machine parts have stopped rotating.
- Approach the work tools only when they are stationary.

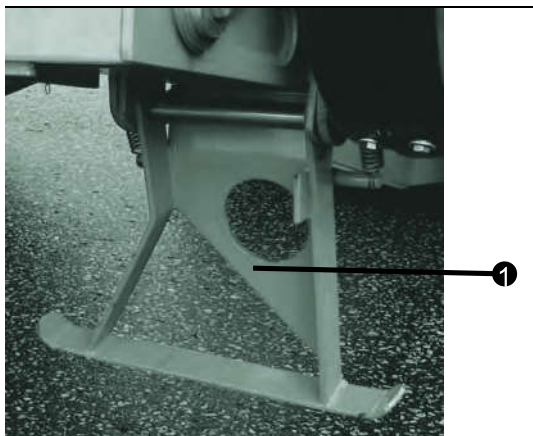


Fig. 44 Support leg lowered

- Pivot the support leg (1) downwards.
- Lower the lower links of the tractor until the machine rests on the support leg (1).
- Remove the PTO shaft from the tractor.

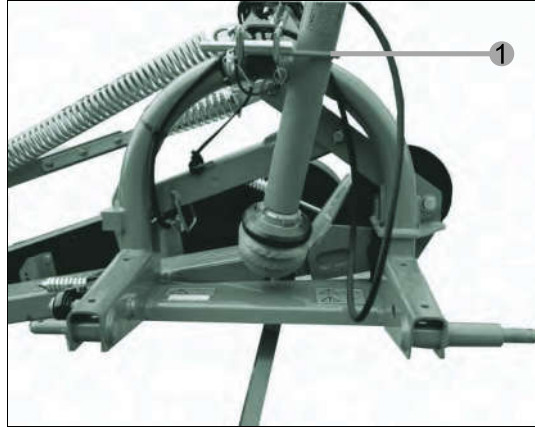


Fig. 45 PTO shaft holder

- Place the PTO shaft on the PTO shaft holder (1).

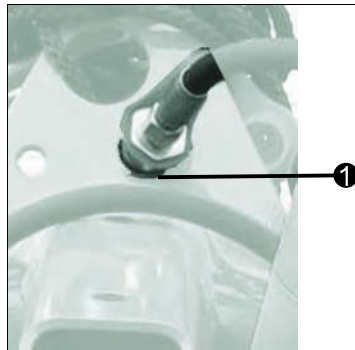


Fig. 46 Holder on the hitch block

- Release the hydraulic connection.
- Insert the plug into the holder (1) on the machine.
- Release the top link catch hook.
- Detach the top link of the tractor from the machine.
- Release the catch hooks of the lower links.
- Lower the lower links until the lower link balls on the machine are released and the tractor can continue to be driven safely.

13.4 Tightening torques for nuts and bolts

- ➔ Check the nuts and bolts to make sure they are secure.
- ➔ Tighten nuts and bolts in accordance with the tightening torques.

		Nm	ft lb
M 6 -	8.8	10	7
M 8 -	8.8	25	18
M 10 -	8.8	49	36
M 10 -	10.9	69	51
M 10 -	100 *VERBUS-RIPP®	105	78
M 12 -	8.8	86	63
M 12 -	10.9	120	89
M 12 -	100 *VERBUS-RIPP®	165	122
M 14 -	8.8	135	100
M 14 -	10.9	190	140
M 16 -	8.8	210	155
M 16 -	10.9	295	218
M 16 -	100 *VERBUS-RIPP®	410	302
M 20 -	8.8	410	302

* VERBUS-RIPP® is a self-locking fastener system.

13.5 Adhesive notices on the machine

- ➔ After each use, check all warnings and labels on the machine for completeness and legibility.
- ➔ Replace any illegible, damaged or missing labels.



Note

Section 2.6 Warning notices on the machine provides a general overview of all warnings and where they must be attached.

An overview of all the other adhesive notices can be found in section 3.2 Notices on the machine.

13.6 PTO shaft



Important!

Risk of material damage as a result of incorrect maintenance of the PTO shaft

Incorrect maintenance can cause damage to the PTO shaft.

- ➔ Perform all necessary maintenance work in accordance with the operating instructions from the PTO shaft manufacturer.

- ➔ Check that all protection devices are fitted to the PTO shaft.

13.7 Hydraulic system



Warning!

Risk of injury as a result of the hydraulic system being highly pressurised

When working on the hydraulic system, highly pressurised fluids may leak out and cause injury. Before working on the hydraulic system:

- ➔ Lower the machine.
- ➔ Switch off the hydraulics.
- ➔ Depressurise the hydraulics.
- ➔ Switch off the tractor engine.
- ➔ Remove the ignition key.

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