

# FORMER

~~Original Fendt, Memminger Weidung~~

301 DN

351 DN

FCF 00101

391 DN

FCG 00101



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### SAFETY INSTRUCTION

- Place the machine on even, solid ground before disconnecting, adjusting, lubricating, cleaning and maintaining the machine.
- Switch off the drive shaft.
- Place the tractor in park position.
- Apply the parking brake.
- Switch off the engine.
- Remove the ignition key and keep it with you.

### Other relevant documents

**SAFETY INSTRUCTION** When operating the machine, also observe the operating instructions for components of the machine which accompany the operating instructions. Other relevant documents are:

- Drive shaft operating instructions

### Storage of documentation

- Keep these operating instructions and all other relevant documentation in the tractor cab so they are available when required.

### Applicability of the instructions

These operating instructions apply exclusively to the FORMER 301 DN – FORMER 391 DN rotor rakes, for the serial number specified on the back of these instructions and subsequent serial numbers.

**IMPORTANT** In the following sections, the FORMER 301 DN – FORMER 391 DN rotor rakes are also referred to as "machines".

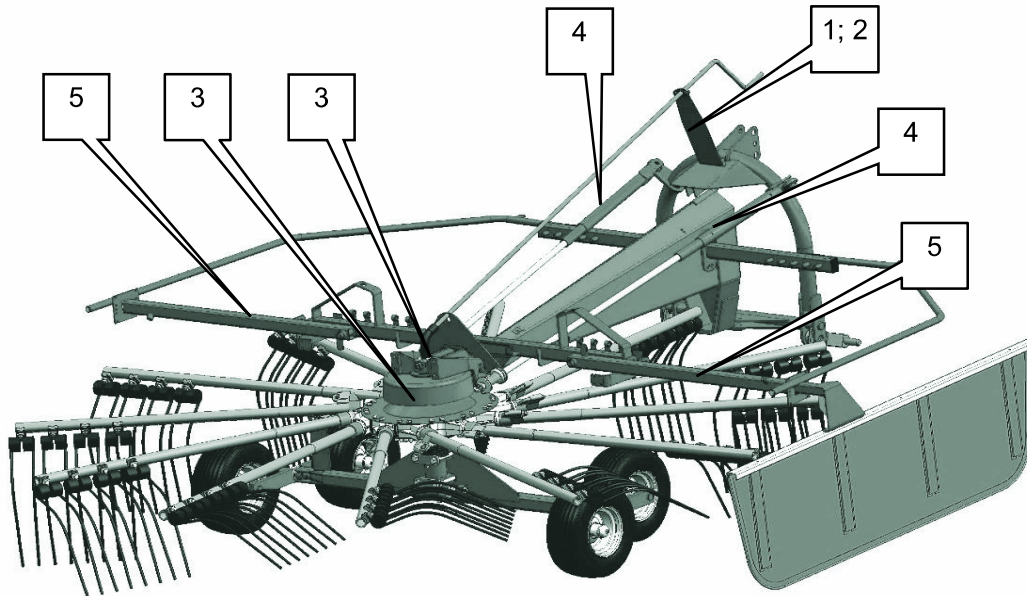
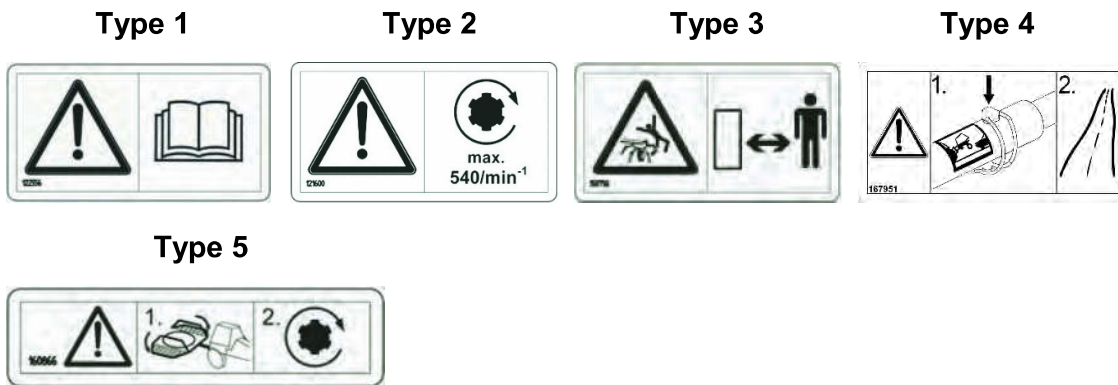


Abb 18. Warnings and hazard symbols on the machine FORMER 301 DN – FORMER 391 DN



- Release the parking support clip-on bolt (Abb 34).

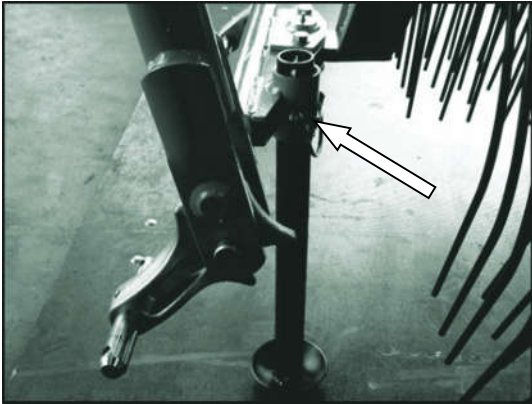


Abb 34. Machine on a parking support

- Slide the parking support up and secure it with the clip-on bolt (Abb 35).



Abb 35. Clip-on bolts on parking support

### 4.2.3 Connecting drive shaft

#### **WARNING**

##### **Risk of personal injury and material damage from rotating machine parts**

There is a risk of being caught and tangled on rotating shafts (Abb 36).

- Only operate the drive shaft with appropriate drive shaft protection.



Abb 36. Risk of being caught and tangled on rotating shafts

#### **SAFETY INSTRUCTION**

- Only use drive shafts which have been specified by the manufacturer.
- Fit or remove the drive shaft only when the PTO shaft and the engine are switched off and the ignition key is removed.
- First check the length and profile tube cover of the drive shaft.
- Assemble the drive shaft on the tractor side and fold the drive shaft bracket transverse to the direction of travel.
- Before switching on the PTO shaft, check that the drive shaft lock has engaged correctly.
- Before each use, check that the drive shaft is fitted and functioning correctly and that the protection devices are complete.
- Secure both protection halves of the drive shaft against rotating using the securing chains provided (Abb 37).

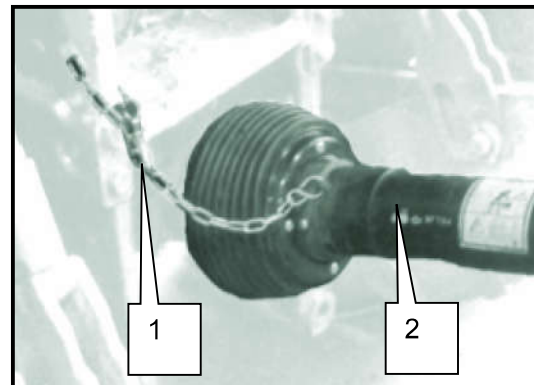


Abb 37. Protection device on drive shaft on the tractor side

- 1 Safety chain
- 2 Drive shaft with protective tube

**⚠ WARNING**

**Risk of personal injury**

Owing to the free movement of the support leg, there is a risk that feet may be crushed (Abb 73).

- Check the free space underneath the support leg.



Abb 73. Risk of feet being crushed

**⚠ WARNING**

**Risk of injury from machine parts that continue running for a period**

Machine parts may continue to run after the drive has been switched off, causing personal injury.

- Only carry out work on the machine when all moving machine components are stationary (Abb 74).



Abb 74. Wait for all moving machine parts to come to a stop

- Release the clip-on bolt.
- Set the support leg downwards (Abb 75).

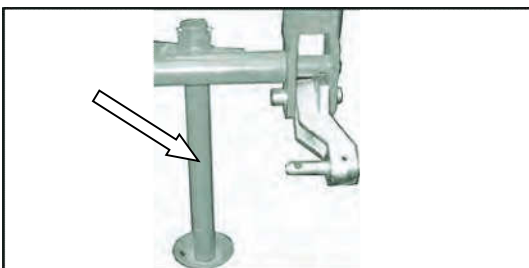


Abb 75. Setting the support leg downwards  
Secure the support leg using the clip-on bolt (Abb 76).

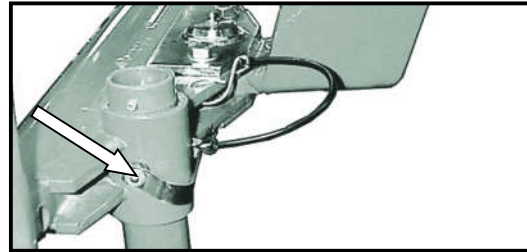


Abb 76. Support leg secured using clip-on bolt

- Remove the drive shaft (2) from the tractor (Abb 77).



Abb 77. Uncoupling the drive shaft

- 1 Fastening chain
- 2 Drive shaft
- 3 Towing bracket

- Hang the drive shaft on the towing bracket (3) using the chain (1).
- Disconnect the upper link.
- Release the catch hooks on 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.

### 5.5.1 Connecting the lighting

- Insert the plug for the lighting into the socket on the tractor (Abb 78).



Abb 78. Plug for lighting

- Before starting to drive, check the correct operation of the lighting and warning equipment on the machine.

## 7.7 Lubricating the machine

→ Observe the specifications in the lubrication table when lubricating the machine.

### 7.7.1 Lubrication table

No.	Lubricating point	Quantity	Interval	Type of maintenance	Amount	Lubricant
1	Rotor drive	1	50 h	Lubricate	1) 3 cm <sup>3</sup>	Multi-purpose grease
2	Support arm	10 / 12	50 h	Lubricate	1) 3 cm <sup>3</sup>	Multi-purpose grease
3	Cam plate with adjustment	1	50 h	Lubricate	1) 10 cm <sup>3</sup>	Multi-purpose grease
4	Tandem rocker arm	2	50 h	Lubricate	according to requirement	Multi-purpose grease
5	Pivoting headstock turning pin	1	50 h	Lubricate	according to requirement	Multi-purpose grease

Tab. 6 Lubrication table

1) Check dose. With commercial grease guns, approx. 1 cm<sup>3</sup> grease is conveyed per stroke. No grease leakage can be observed from the outside thanks to the sealing on the tine arms and rotor axle. Do not, therefore, apply force when pressing in grease, otherwise the rotor arms may suffer damage.

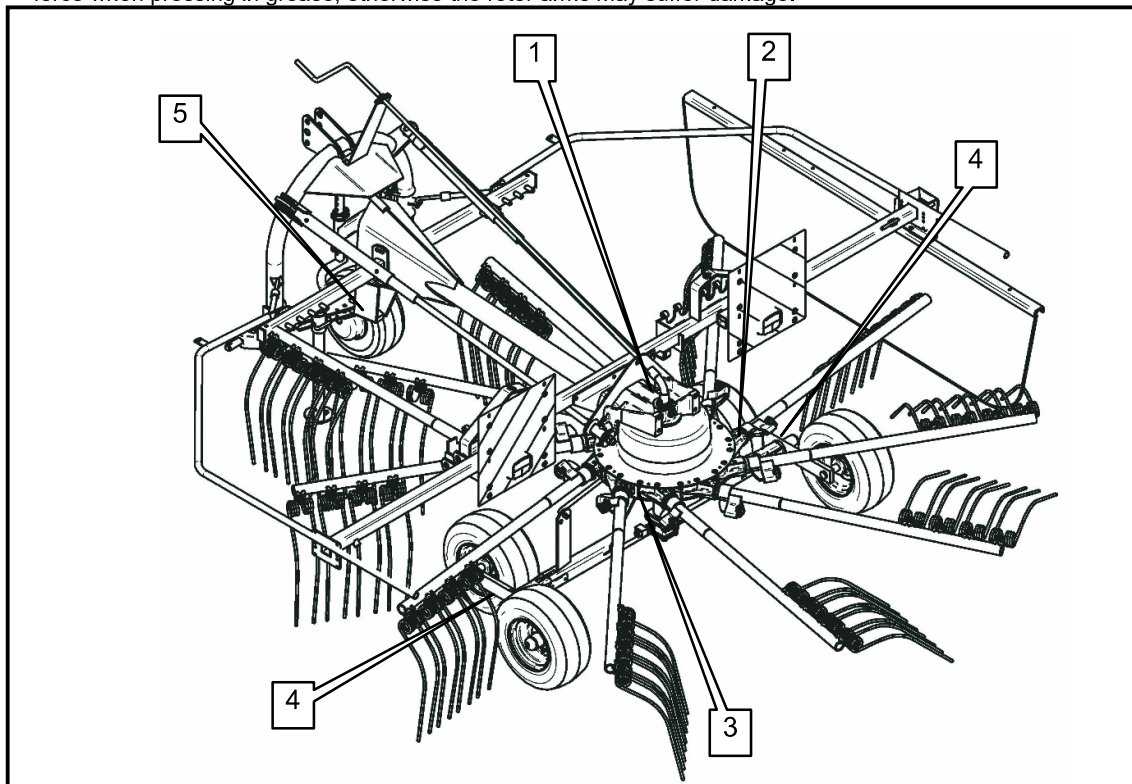


Abb 95. Lubrication points on the machine

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