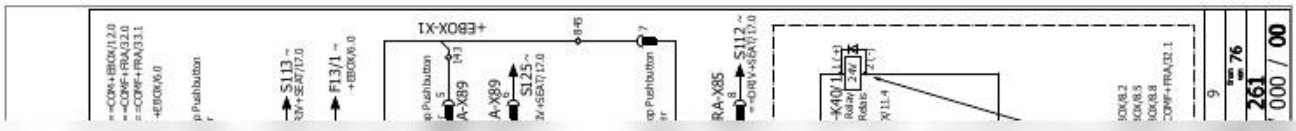
Electric circuit diagram

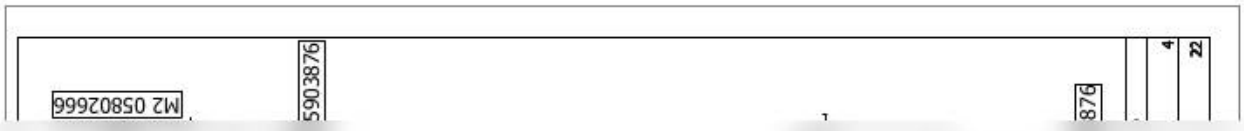


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Hydraulic diagram 293



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4.3 Fault codes

ESX error code - list



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Pos.	Status	Action to be taken
C	Cutting tool with uneven, cut off wear	If the cutting tool is in this condition, the holder must perhaps also be changed, because the cutting tool cannot rotate.
D	Cutting tool showing uneven wear	The cutting tool must be replaced immediately.
E	Tool tip with eroded body.	The cutting tool must be replaced immediately.
F	Tool tip broken off.	The cutting tool must be replaced immediately.

8.3.2.2 Replace the cutting chisels

Protective equipment:
- Working clothes
- Face protection
- Hearing protection
- Protective gloves

Special tool:
- Drift punch
- 500 g copper hammer

1. Completely raise the rear of the machine.

2. Raise the scraper until the safety hook clicks into place (maintenance position).

3. Raise the side doors on both sides to highest position.

4. Shut down the engine, pull off the ignition key

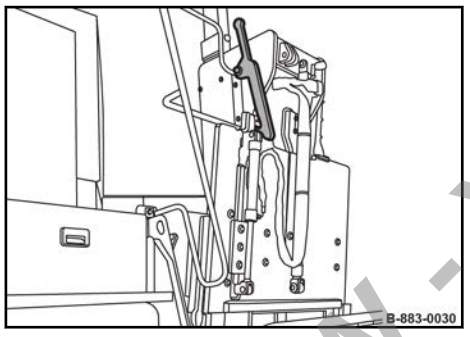


Fig. 199

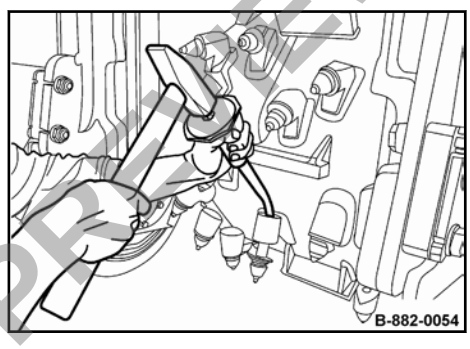


Fig. 200

5.

WARNING!

Danger of eye injuries caused by particles flying around!

– Replace cutting tools only when wearing your personal protective equipment (protective gloves, goggles).

Knock out damaged or worn off cutting tools with a hammer and a special tool.

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3.2 Component overview -- hydraulics

Position of control valve blocks

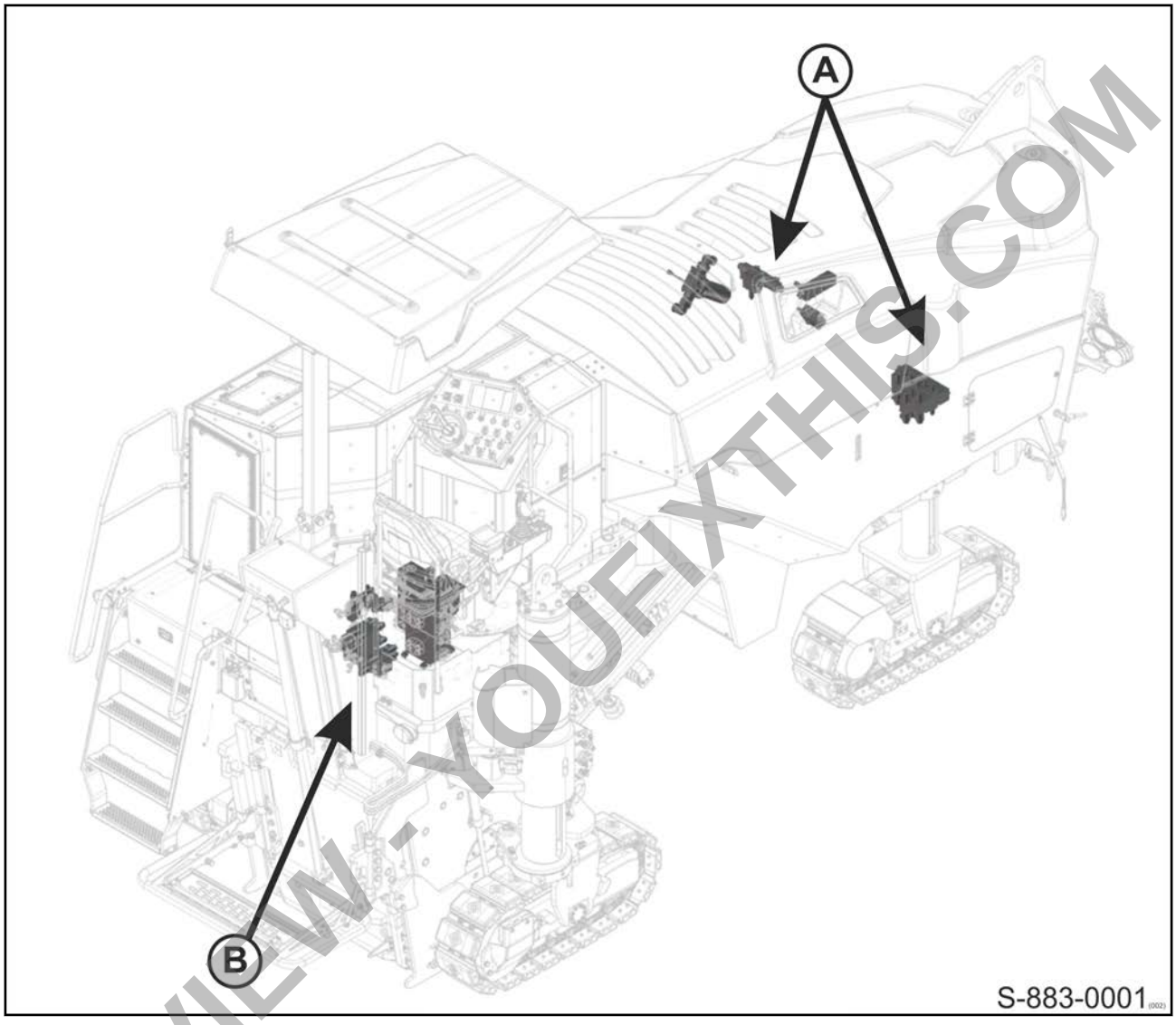


Fig. 19

A Control valve blocks for front machine section
B Control valve blocks for rear machine section

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4.2.3 Functional conditions - Shutting down the diesel engine

Function	Machine status

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Error code ESX	Operating means		Description of fault
1000065	B021	Differential pressure switch for	Current too low or interruption of power

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Error code ESX	Operating means		Description of fault
1000895	Y078	Solenoid valve, conveyor belt	Current too low or interruption of power

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Error code ESX	Operating means		Description of fault
1001729	Y331	Valve, height adjustment front	Voltage above normal range or short circuit to (+)

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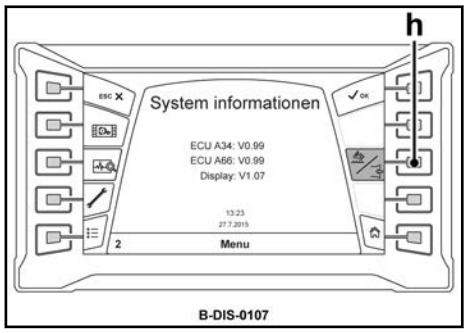


Fig. 91

2. Press the selection button *[h]*.
   ⇨ Change to the *'system function'* menu.

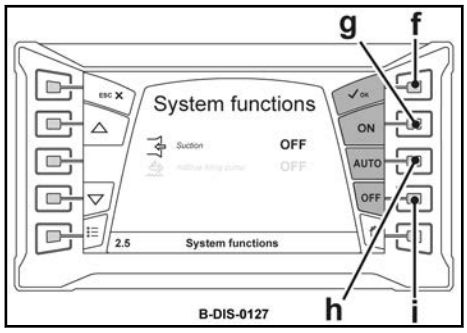


Fig. 92

3. Press selection button *[g]* to switch the extraction system to permanent operation (ON).
4. Press selection button *[h]* to switch the extraction system to automatic operation (AUTO).
5. Press selection button *[i]*to switch the extraction system off (OFF).
6. Confirm your selection with the confirmation button *[f]*.

5.2.4 Fault code display

The machine is equipped with on-board diagnostics.

The on-board diagnostics enables you to poll the status of machine groups with respect to the control and the required boundary conditions.

Occurring faults are identified by unambiguous fault codes and thus enable directed troubleshooting.

Both the active and passive fault codes and the status of machine assemblies can be invoked through the display in the *'diagnose'* menu.

NOTICE!

Components may get damaged!

– Please contact our Customer Service with your fault codes.

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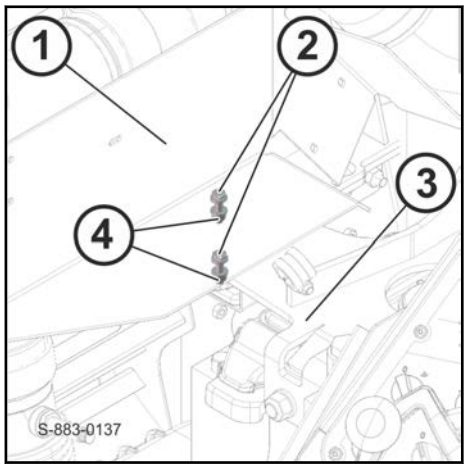


Fig. 126

1. Remove nuts (4), washers and screws (2) to be able to loosen angle plate (1) from carrier plate (3).

The angle plate remains in the machine. It is only loosened to enable the disassembly of the carrier plate.

Carrier plate

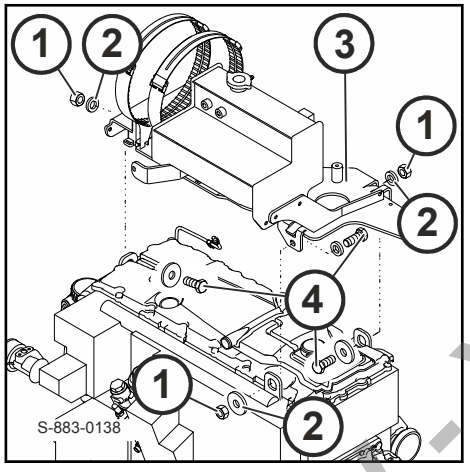


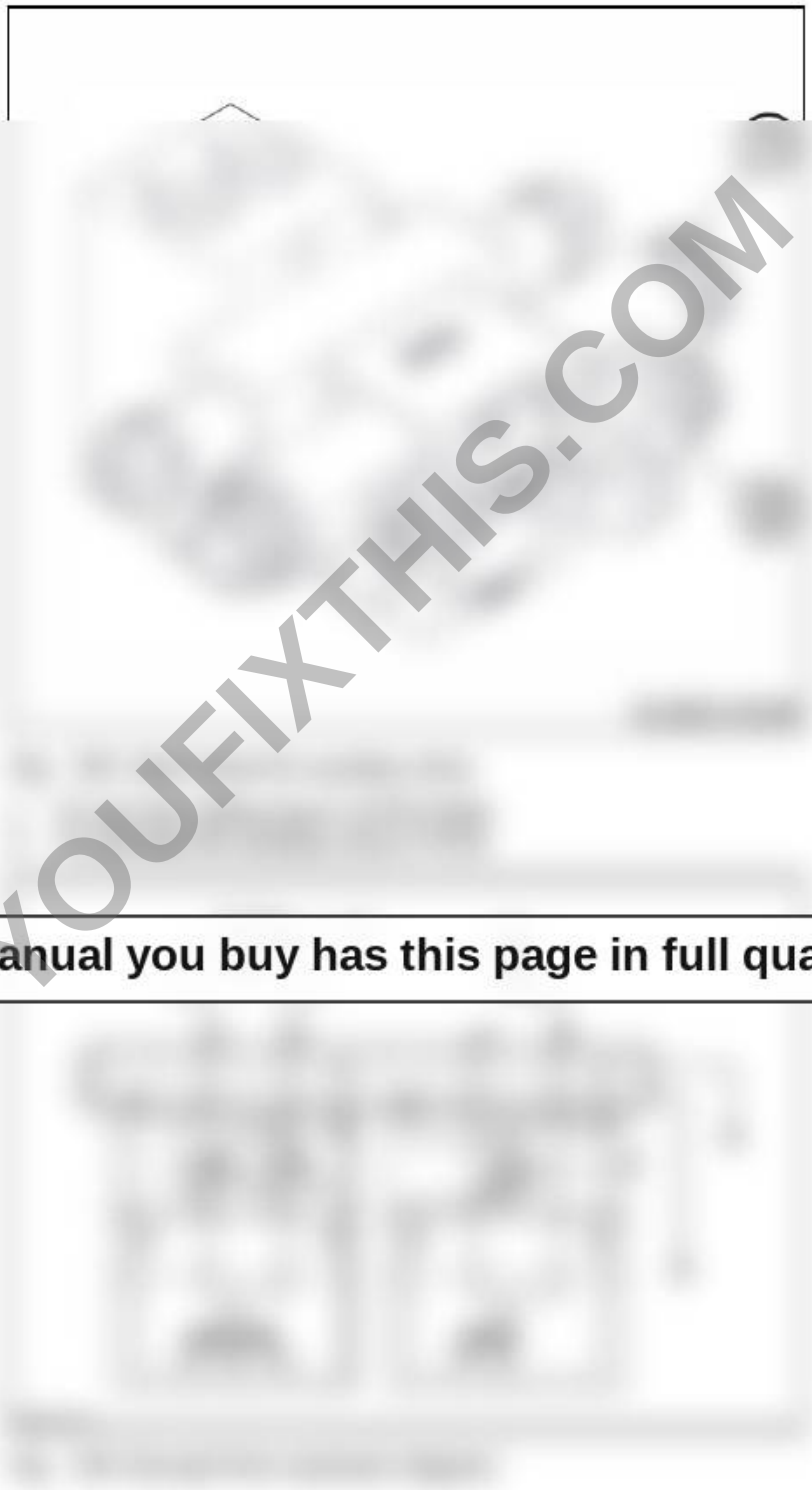
Fig. 127

1. Disassemble nuts (1) ↳ Fig. 127 and washers (2).
2. Disassemble carrier plate (3) completely (with compensation tank and air filter mounting clamps).
3. Then disassemble all screws (4) (3 pieces) with the associated washers.

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Auxiliary drive



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The diesel engine (1) generates the torque to drive the milling drum. The pump transfer case (2) transfers the torque to the clutch (3) and, if it is engaged, to the drive belt (4). The belt tensioner (5) keeps the belt under tension. The milling drum gearbox finally transfers the power to the milling drum (6).

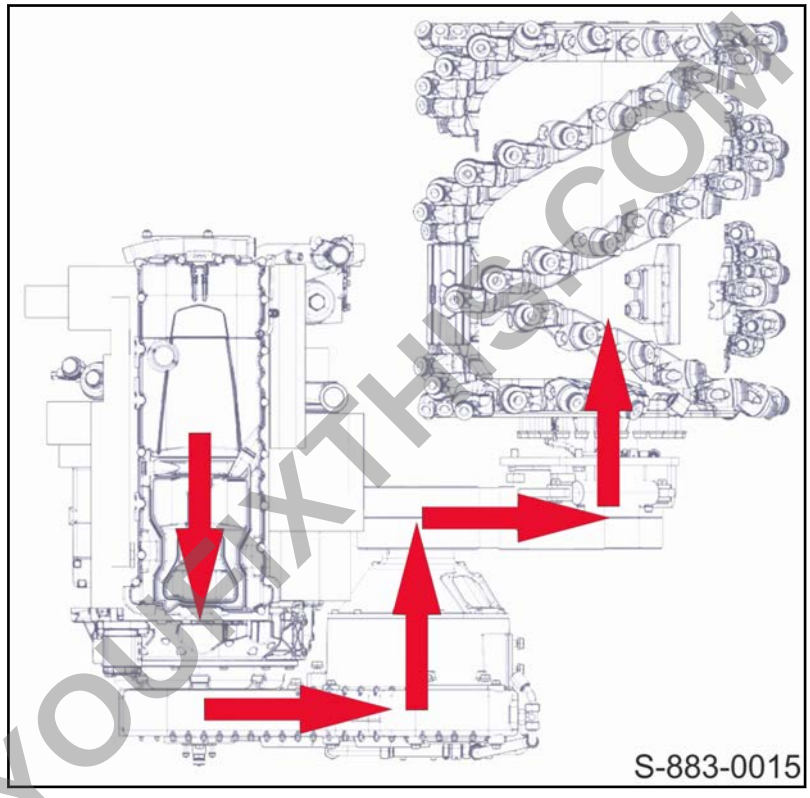


Fig. 195: Power transmission of drive line (view from above)

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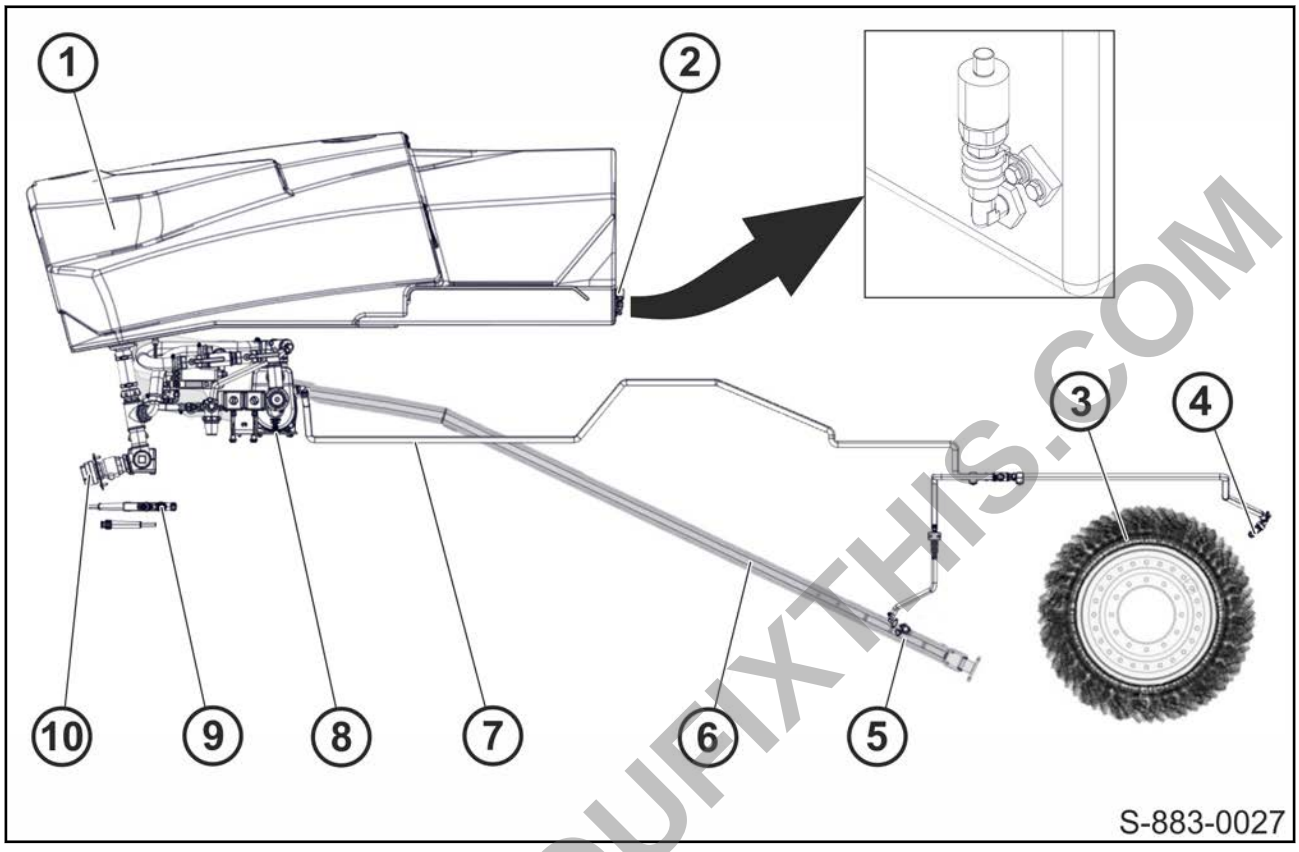
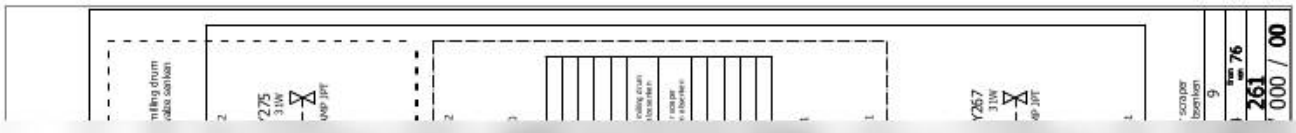


Fig. 272: View from the left

1 Water tank
2 Pressure sensor
3 Milling drum
4 Milling drum spray bar
5 Inner conveyor belt spray bar
6 Inner conveyor belt
7 Pressure line
8 Pump unit
9 High pressure cleaner (lance)
10 Water supply connection

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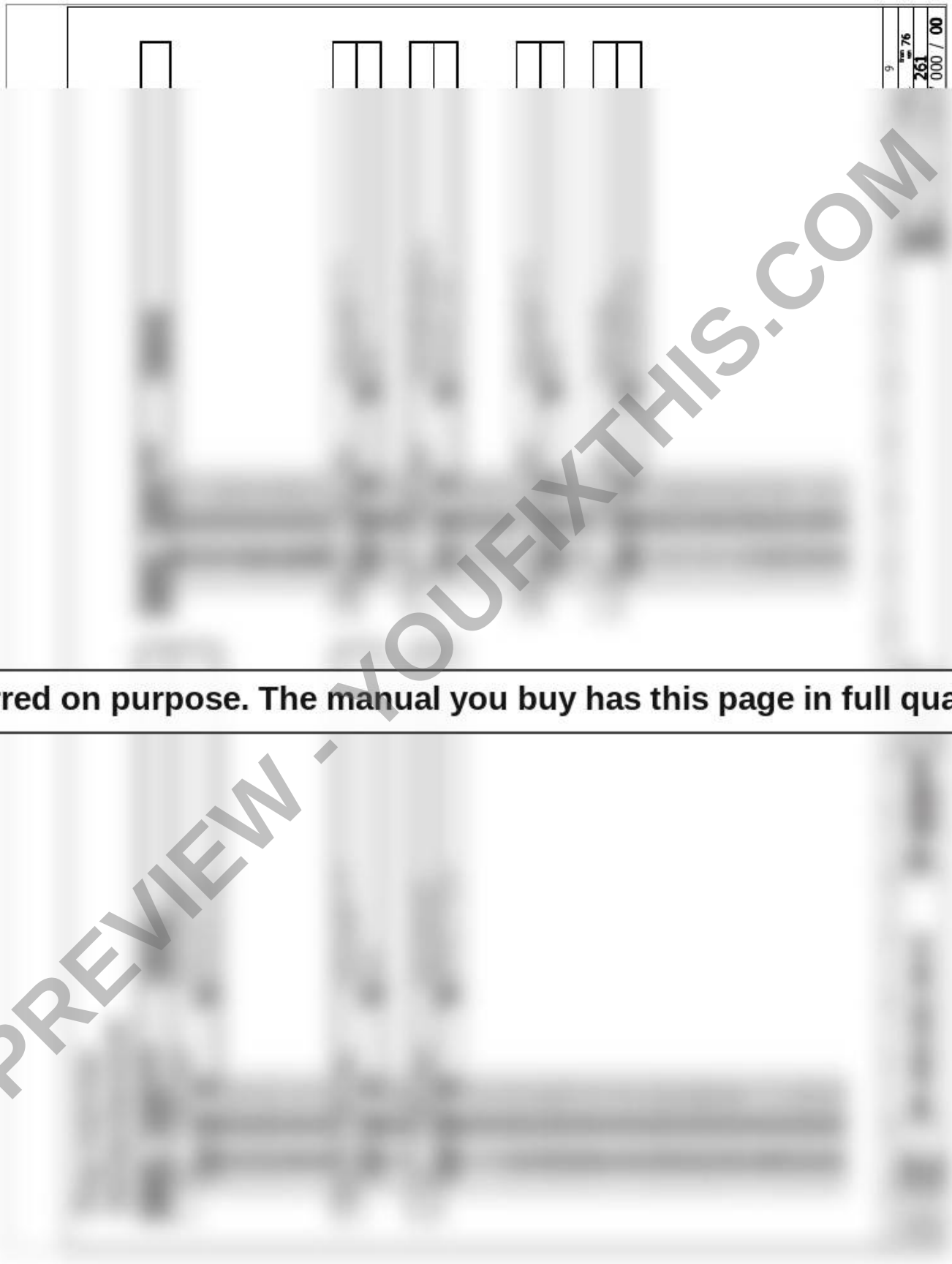


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Electric circuit diagram



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