

581

Additional Instructions

Fitting the needle thread catcher

IMPORTANT
READ CAREFULLY BEFORE USE
KEEP FOR FUTURE REFERENCE

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1 Components in the parts set

The parts set **0580 592054** is intended for class 581 machines.

Before fitting, check that the scope of delivery of the parts set is correct.

Part no.	Quantity	Designation
0791 581715 EN	1	Additional Instructions
0580 101610	1	Needle thread catcher
9710 061411	1	2x 3/2-way valve
9731 005004	1	Hose pure, 4 m
9790 060104	3	WI-E connection

2 Fitting the needle thread catcher

WARNING



Risk of electric shock from live parts!

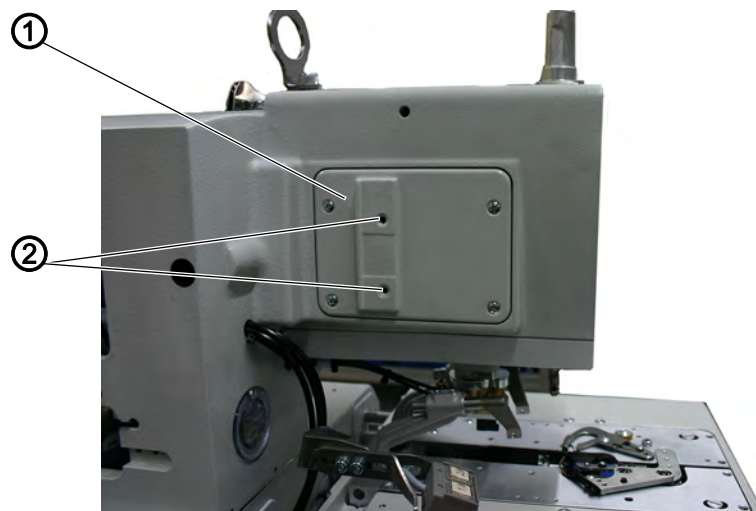
Dangerous injuries to life and limb possible.

The needle thread catcher may only be fitted by qualified specialists.

Switch off the machine and unplug the power plug. Ensure the power plug cannot be unintentionally reinserted.

To fit the needle thread catcher:

Fig. 1: Initial state



(1) - Cover

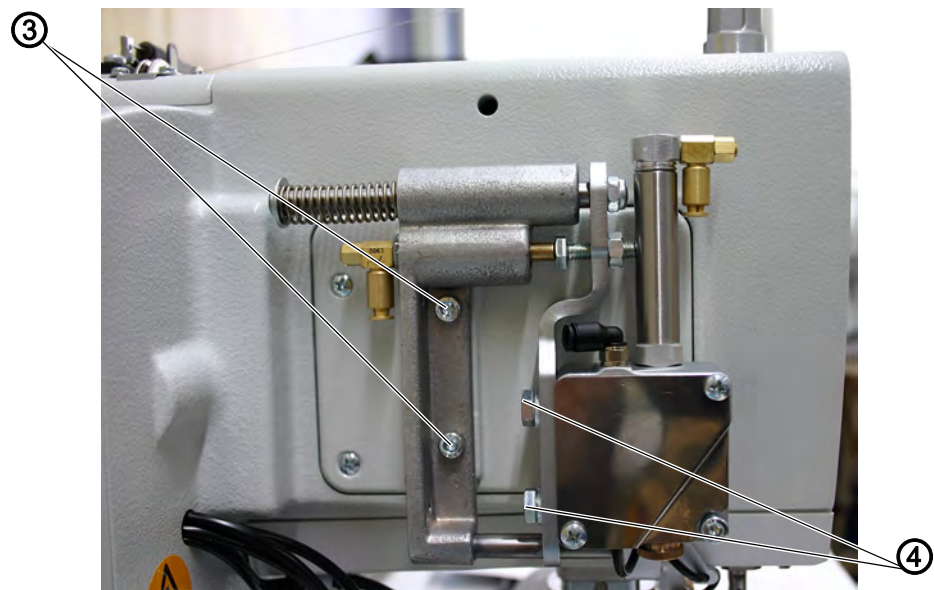
(2) - Holes



Step

1. Fasten the needle thread catcher using both screws (3) in the holes (2) on the cover (1).
2. Check that the needle thread catcher is positioned parallel to the machine arm. If not, loosen the screws (4).

Fig. 2: Fastening the needle thread catcher

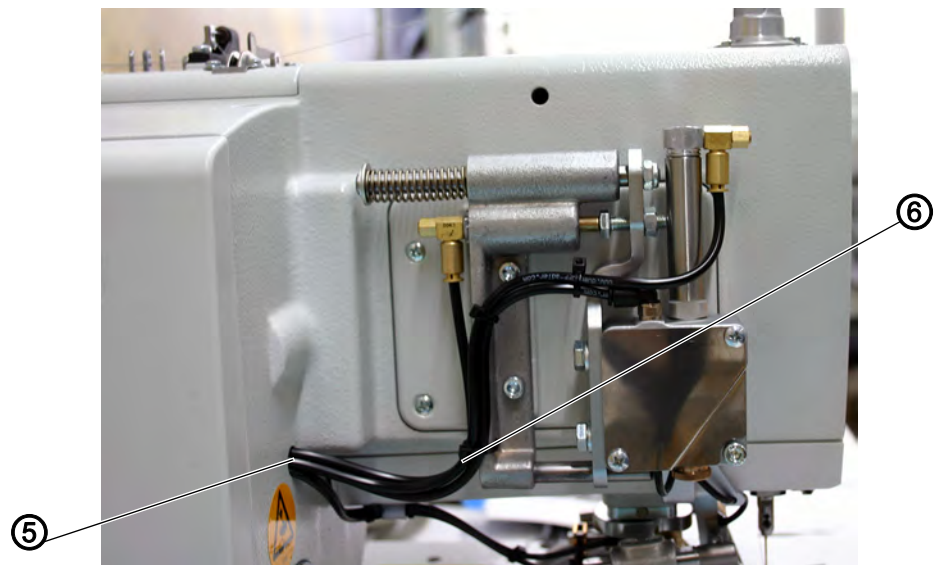


(3) - Screws

(4) - Screws

3. Route the compressed air lines (6) through the hole (5) in the machine arm to the valve bank (7).

Fig. 3: Routing compressed air lines (1)



(5) - Hole

(6) - Compressed air lines

Fig. 4: Routing compressed air lines (2)

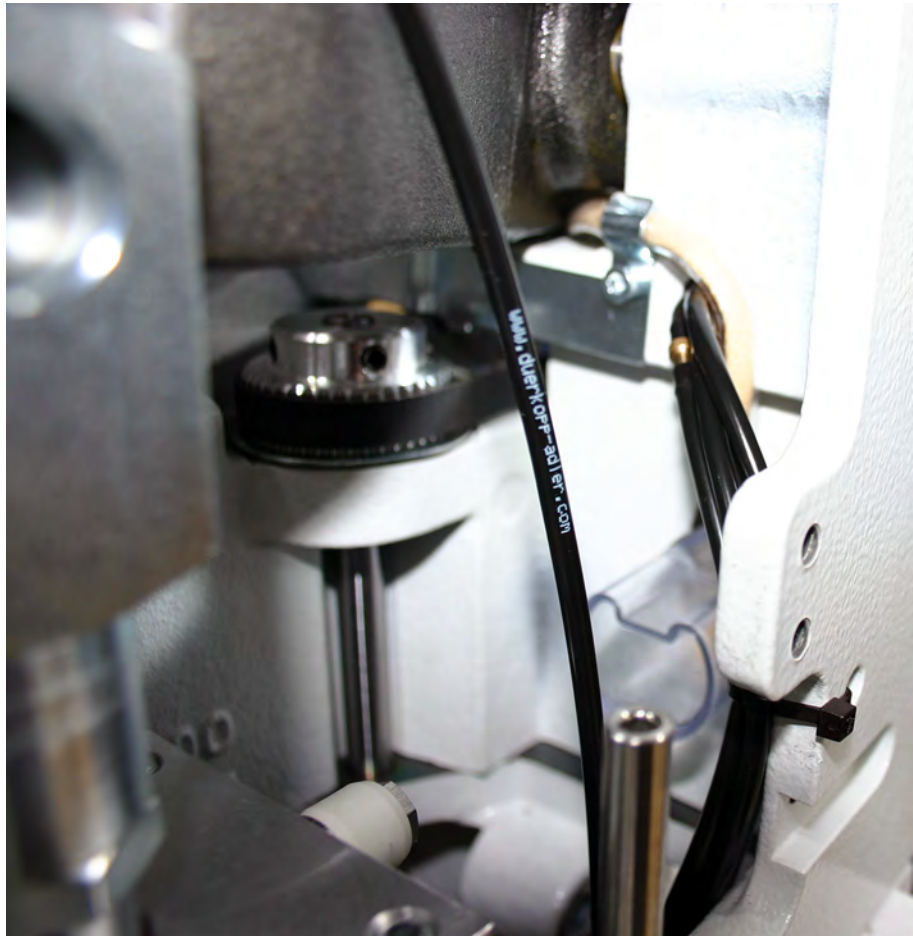


Fig. 5: Routing compressed air lines (3)




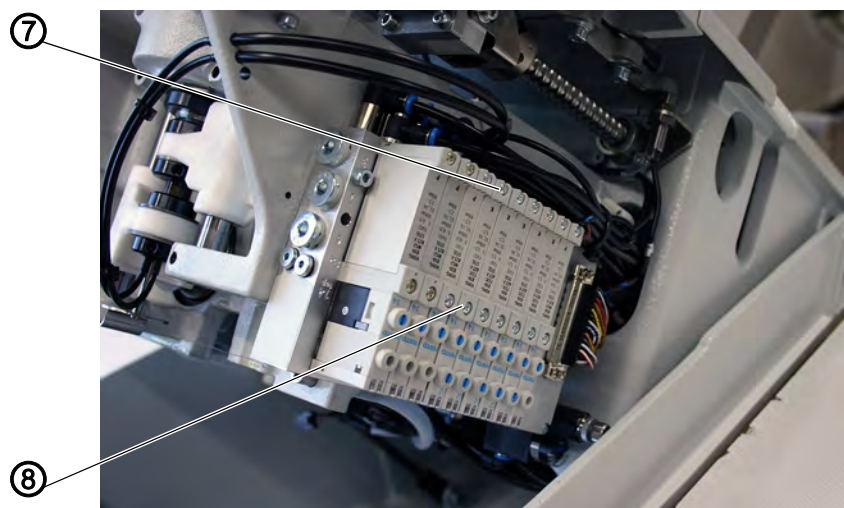
4. Fit 3/2-way valves (7) and (8) on the 4th valve position from the left (see  *Appendix*, pg. 9, Wiring diagram).
5. Connect the hoses to the following 3/2-way valves:
 - Y09
 - Y10
 - Y11

Fig. 6: Fitting and connecting 3/2-way valves



(7) - 3/2-way valve

(8) - 3/2-way valve

6. Set the needle thread catcher ( *Service Instructions*).

3 Activating the needle thread catcher

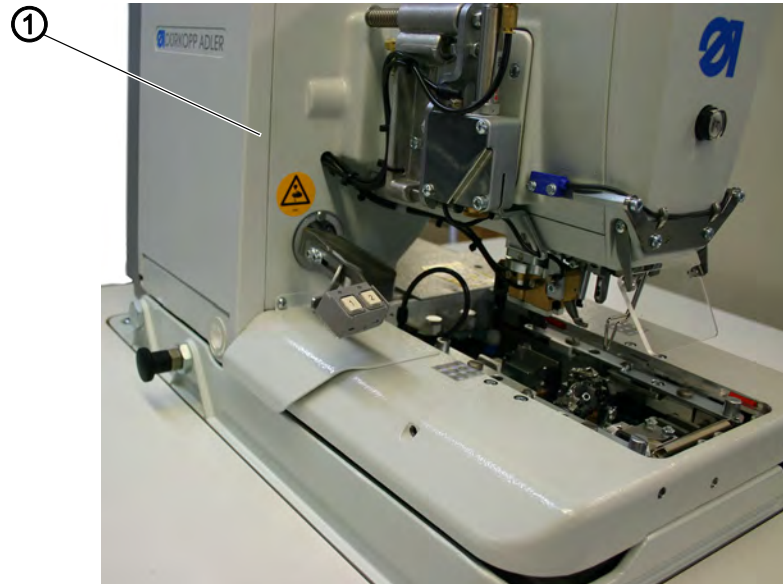
To activate the needle thread catcher:



Step

1. Open the side cover (1).

Fig. 7: Initial state



(1) - Side cover

2. Connect bridge (2):

- Bridge closed = Needle thread catcher installed
- Bridge open = Needle thread catcher not installed

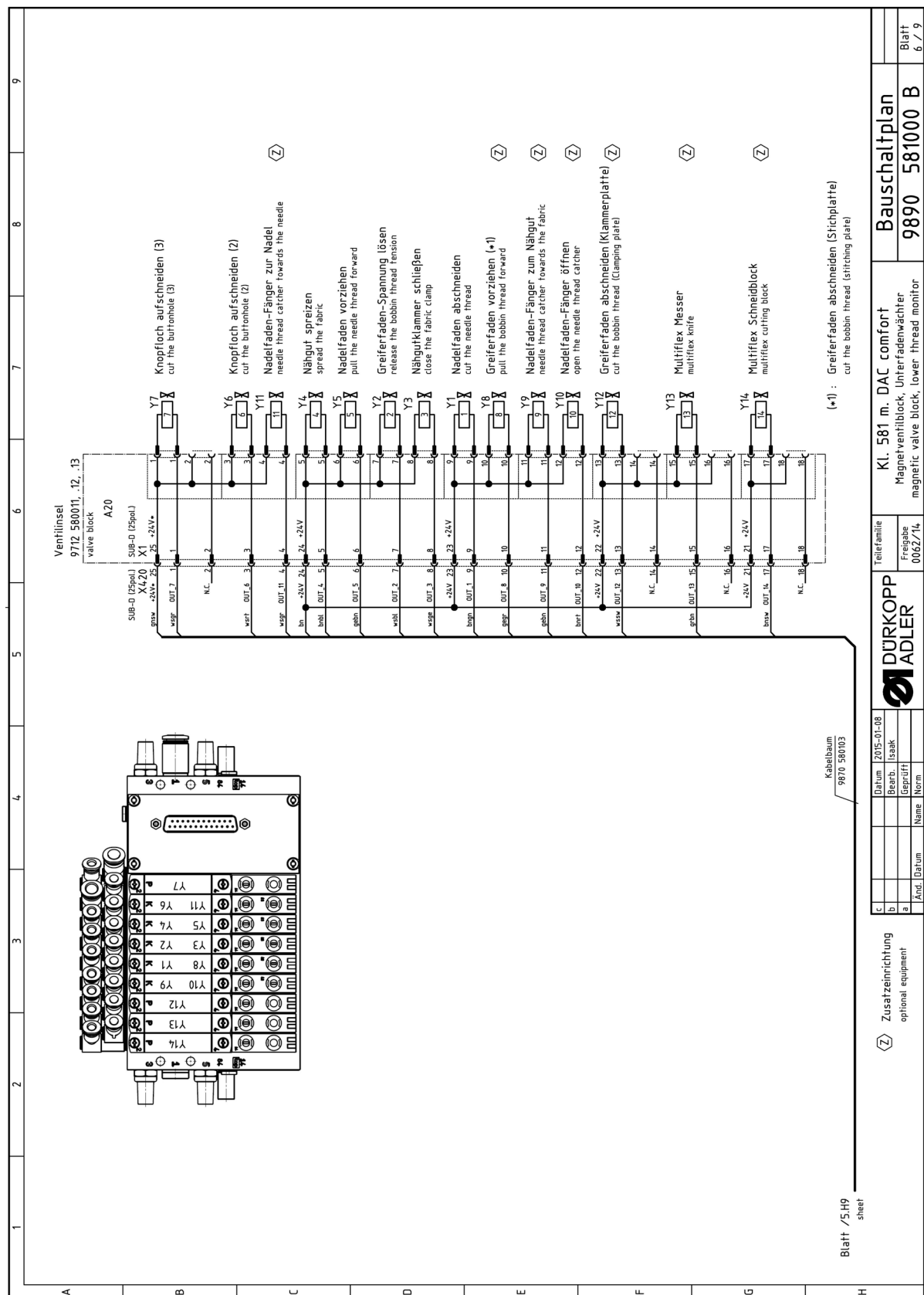
Fig. 8: Connecting bridge



(2) - Bridge

3. Close the side cover (1) again.

Fig. 9: Wiring diagram excerpt





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