

610-10

Additional Instructions

Replacing the DC motor at the
tape unwinder

IMPORTANT
READ CAREFULLY BEFORE USE
KEEP FOR FUTURE REFERENCE

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1 General information

Components of the kit

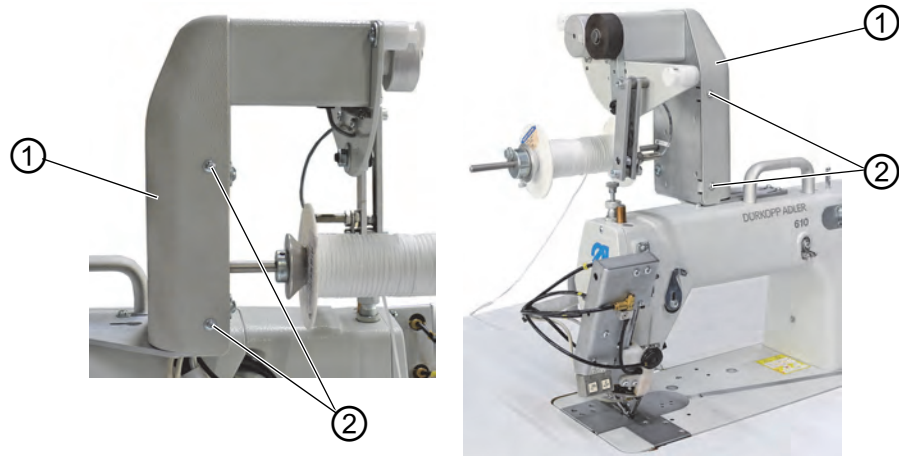
Check whether the scope of delivery for kit 9800 570006 S is correct prior to installation.

Part number	Quantity	Designation
9800 570008	1	Motor + cable
0176 340110	1	Plate
0176 340220	1	USB key with software
0791 610701 EN	1	Additional Instructions

2 Replacing the DC motor at the tape unwinder

2.1 Disassembling the old motor

Fig. 1: Disassembling the old motor (1)



(1) - Cover

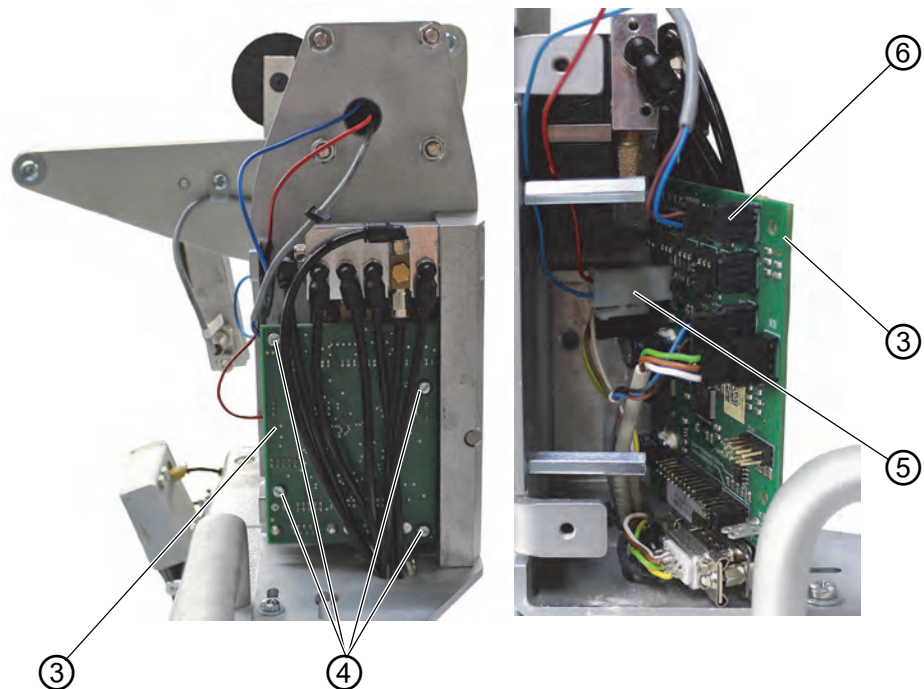
(2) - Screws



To disassemble the old motor:

1. Loosen the screws (2) on the cover (1).
2. Remove cover (1).

Fig. 2: Disassembling the old motor (2)



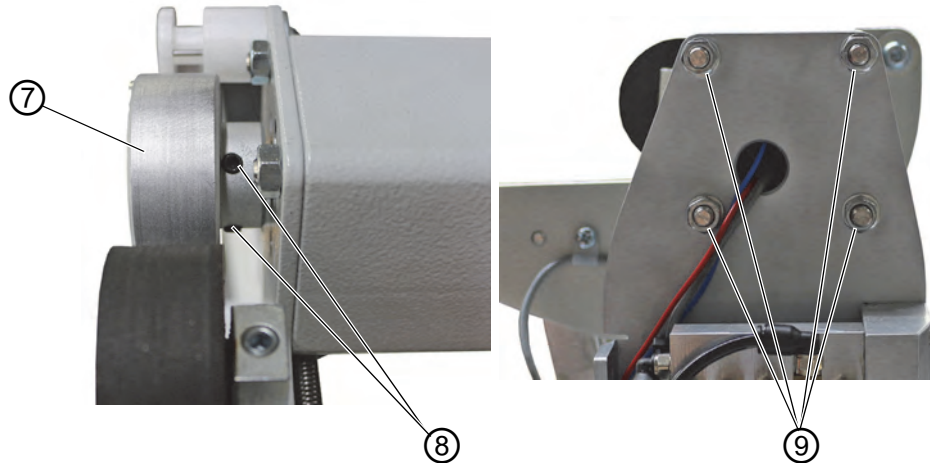
(3) - Circuit board
(4) - Screws

(5) - Motor cable
(6) - Cable of the proximity switch



3. Loosen the screws (4) on the circuit board (3).
4. Carefully pull out the circuit board (3) until you can access the motor cable (5).
While doing so, make sure not to tear off any cables.
5. Pull the motor cable (5) and the cable of the proximity switch (6) off the circuit board (3).

Fig. 3: Disassembling the old motor (3)



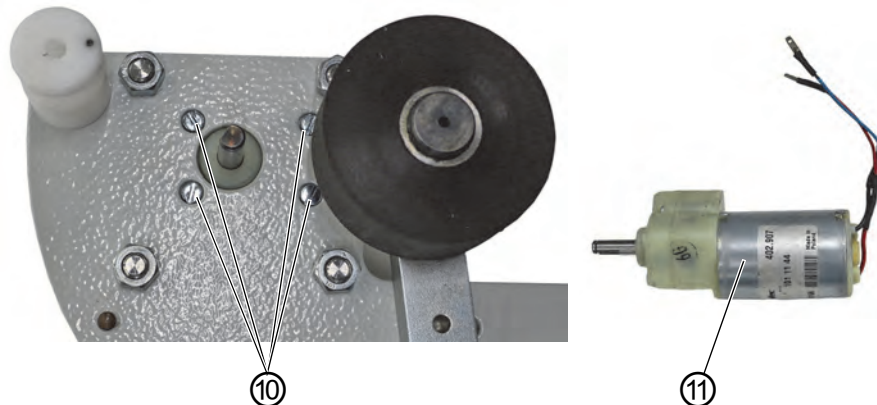
(7) - Drive roller
(8) - Screws

(9) - Nuts



6. Loosen the screws (8) on the drive roller (7).
7. Remove the driver roller (7).
8. Loosen nuts (9) and washers.
9. Remove the entire motor bracket.

Fig. 4: Disassembling the old motor (4)



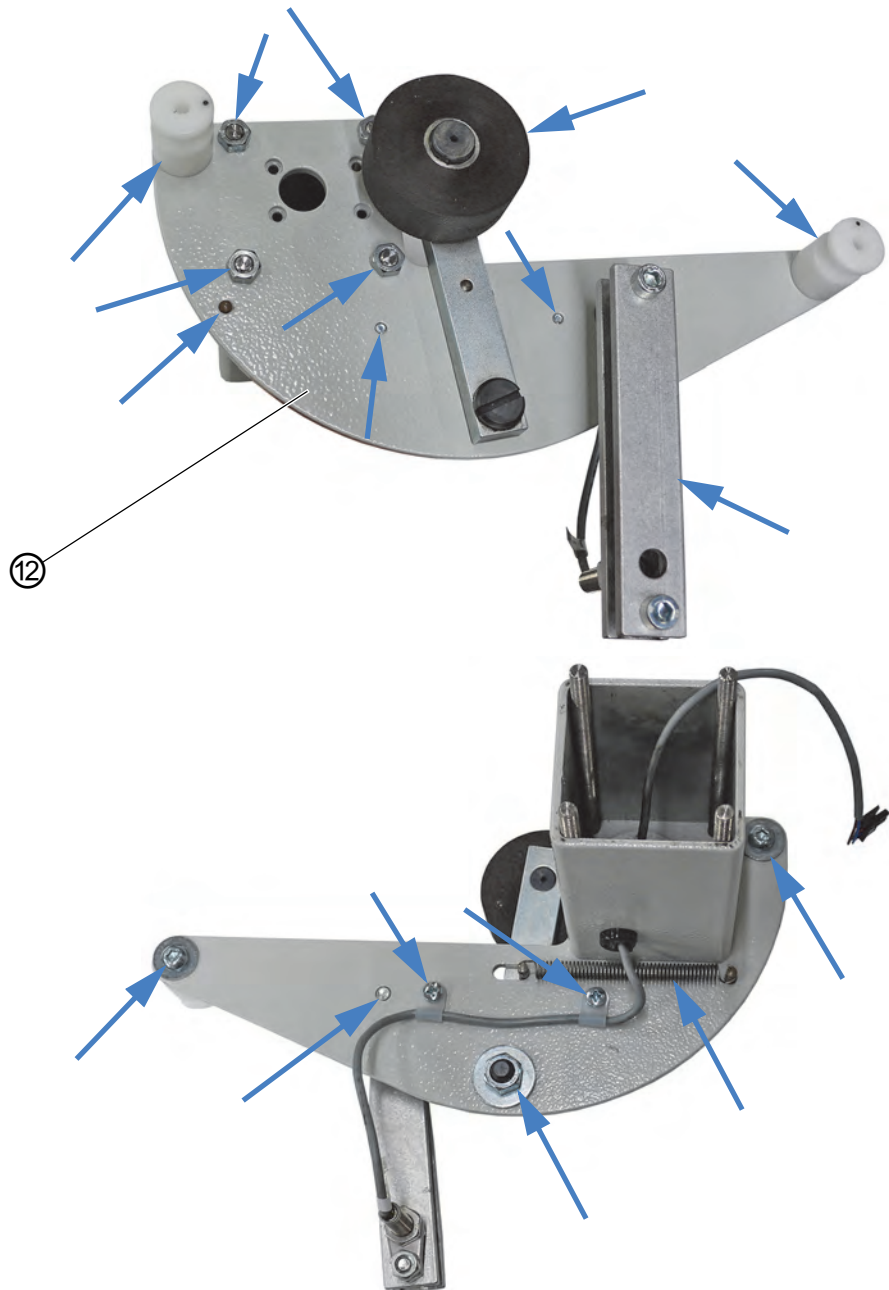
(10) - Screws

(11) - Old motor



10. Loosen the screws (10).
11. Take out the old motor (11).

Fig. 5: Disassembling the old motor (5)



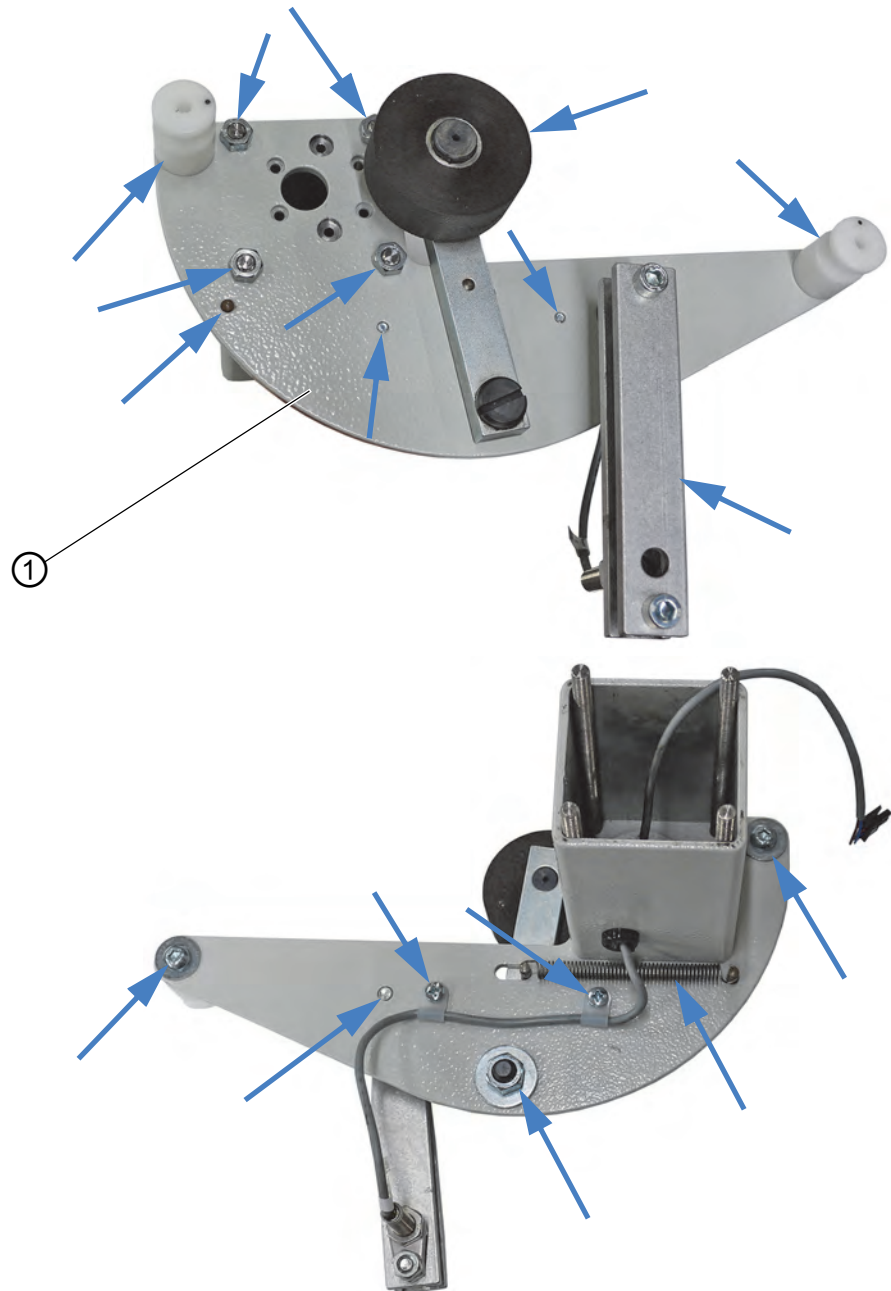
(12) - Plate



12. Unscrew all mounting parts from the plate (12).

2.2 Assembling the new motor

Fig. 6: Assembling the new motor (1)



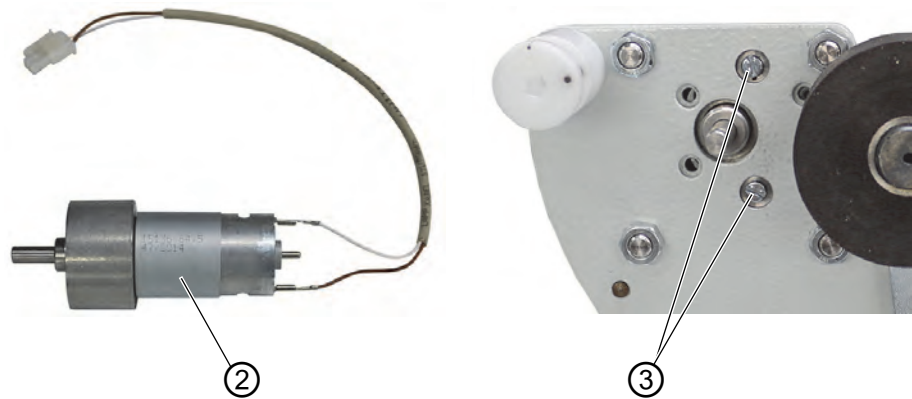
(1) - New plate



To assemble the new motor:

1. Tighten all mounting parts on the plate (1).

Fig. 7: Assembling the new motor (2)



(2) - New motor

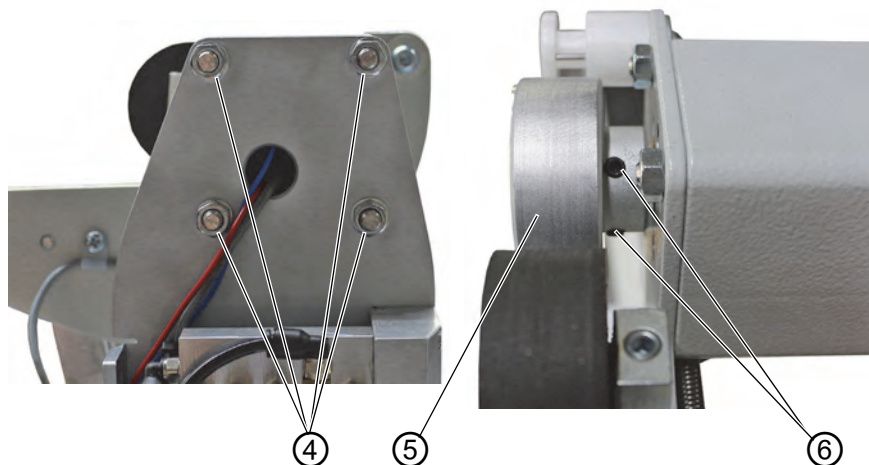
(3) - Screws



2. Insert the new motor (2).

3. Tighten the motor (2) using the screws (3).

Fig. 8: Assembling the new motor (3)



(4) - Nuts

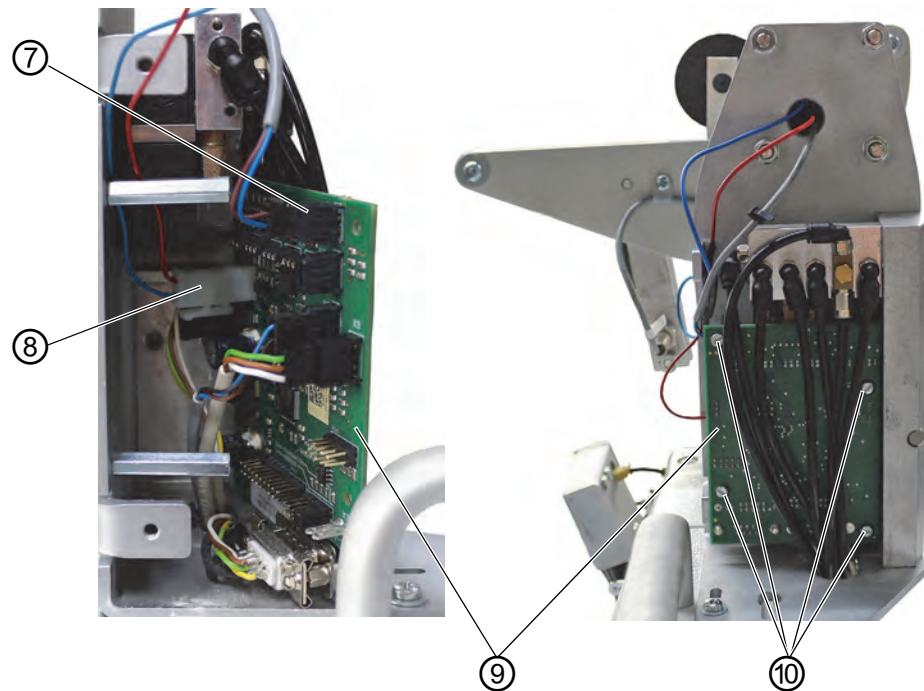
(5) - Drive roller

(6) - Screws

4. Tighten the plate (1) on the tape unwinder using nuts (4) and washers.

5. Tighten the drive roller (5) on top of the motor shaft using screws (6).
The 1st screw in the direction of rotation is located on the flat of the motor shaft.

Fig. 9: Assembling the new motor (4)



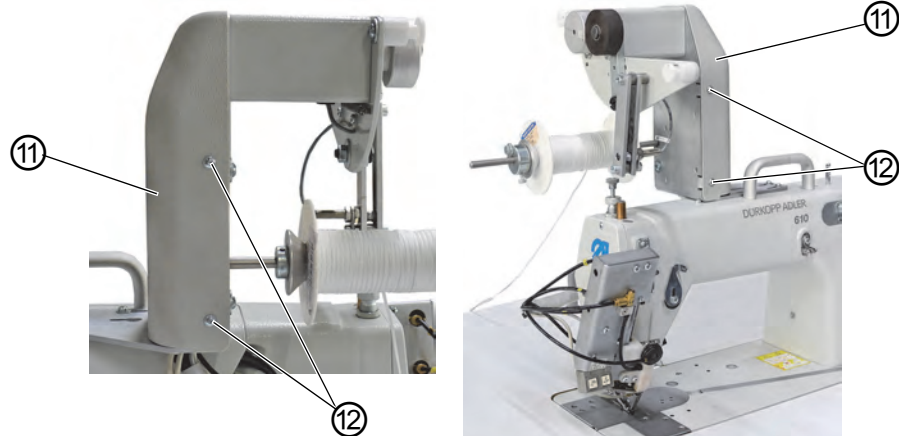
- (7) - Cable of the proximity switch
(8) - Motor cable

- (9) - Circuit board
(10) - Screws



6. Slip the motor cable (8) onto the circuit board (9).
Slot: **X5**.
7. Slip the cable of the proximity switch (7) onto the circuit board (9).
Slot: **X6**.
8. Slide back the circuit board (9) and tighten it with the screws (10).

Fig. 10: Disassembling the old motor (1)



- (11) - Cover

- (12) - Screws



9. Place the cover (11) and tighten it using the screws (12).

3 Software settings

To allow the tape unwinder to work properly with the new motor, you need to upload the software stored on the USB key to the machine.
The correct software version is identified by the number **A04.11**.

Uploading the software to the machine



To upload the software to the machine:

1. Switch off the machine.
2. Plug in the USB key into the OP7000 control panel.
3. Switch on the machine.
- ↳ The software update starts automatically.
4. Wait until the message *Please remove USB memory stick* appears on the display.
5. Remove the USB key from the control panel.
6. Switch off and on the machine again.
7. Confirm the displayed message with **OK**.

Checking the *Tape Feeder* (tape unwinder) parameter



To check the *Tape Feeder* parameter:

1. Open the menu *Service > Machine Configuration > Other Devices* and select the subitem *Tapefeeder Motor Type*.

Fig. 11: Software settings



- ↳ The value entered here must be **1**.
2. If the entered value is NOT **1**, use the button panel to correct the value and confirm with **OK**.



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