



D867  
M-TYPE DELTA

## Additional Instructions

Needle thread clamp

**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 0867 594334 is correct prior to installation.

Part number	Quantity	Designation
0867 114354	1	Needle thread clamp
9225 201790	1	Countersunk screw
0791 867732 EN	1	Additional Instructions

## 2 Assembling the needle thread clamp

### NOTICE

#### Property damage may occur!

Possible damage to the winder PCB.

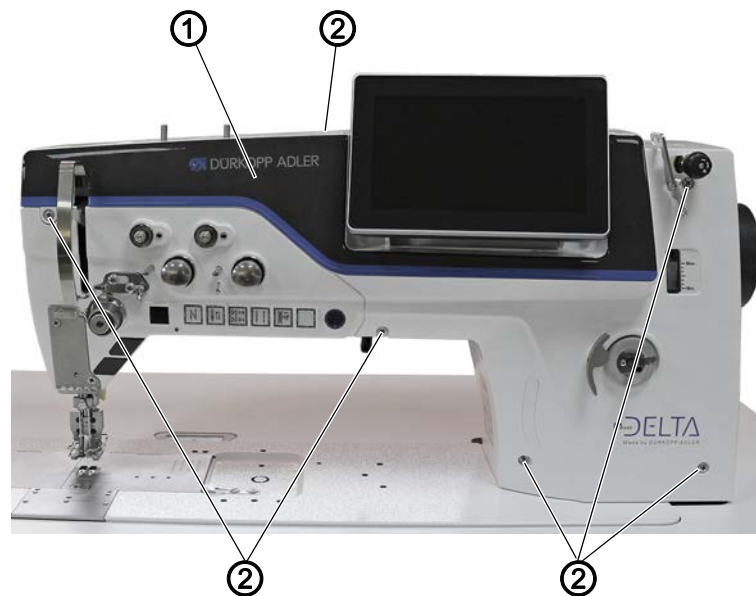
If the winder PCB becomes damaged on account of a loose contact, winding will no longer be possible.

Switch off the machine before assembling and disassembling the front cover.

### 2.1 Disassembling the covers

#### Disassembling the front cover

Fig. 1: Disassembling the covers (1)



(1) - Front cover

(2) - Screws

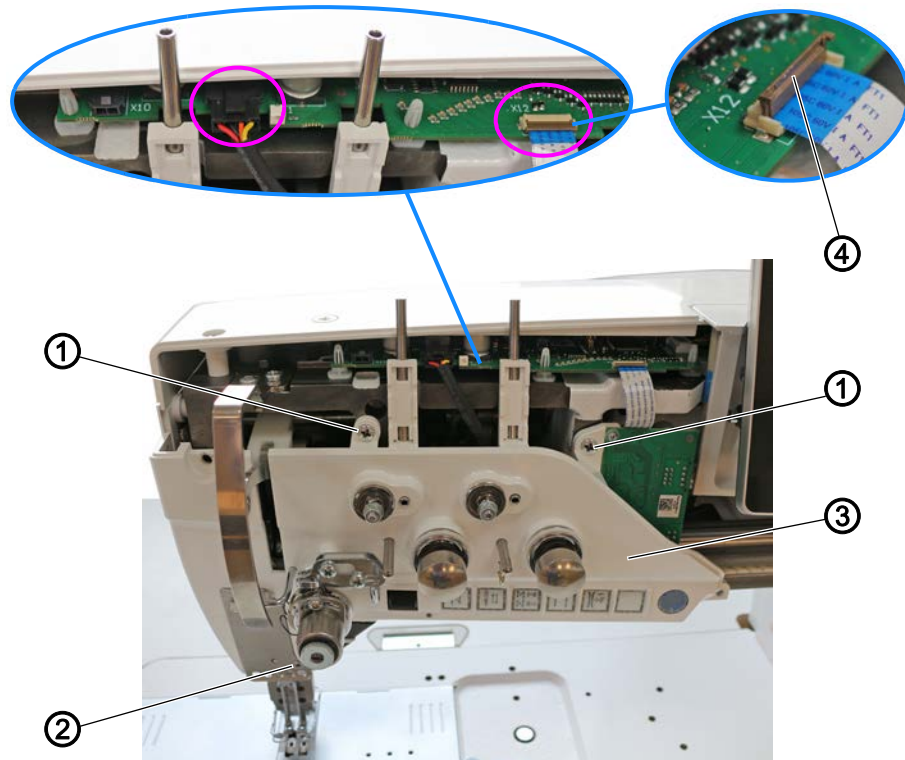


To disassemble the front cover:

1. Switch off the machine.
2. Loosen the screws (2).
3. Remove the front cover (1).

## Disassembling the thread tension plate

Fig. 2: Disassembling the covers (2)



(1) - Screws  
(2) - Screw

(3) - Thread tension plate  
(4) - Bobbin case retainer



To disassemble the thread tension plate:

1. Switch off the machine.
2. Disassemble the front cover.
3. Pull plugs off the PCB:
  - Thread tension: Connection **X11**
  - Push button: Connection **X12**



### Important

To pull off connection **X12**, flip up the bobbin case retainer (4). Make sure not to lose the bobbin case retainer (4) as it will otherwise no longer be possible to connect the push button.

4. Loosen screws (1) and (2).
5. Remove the thread tension plate (3).



**Important**

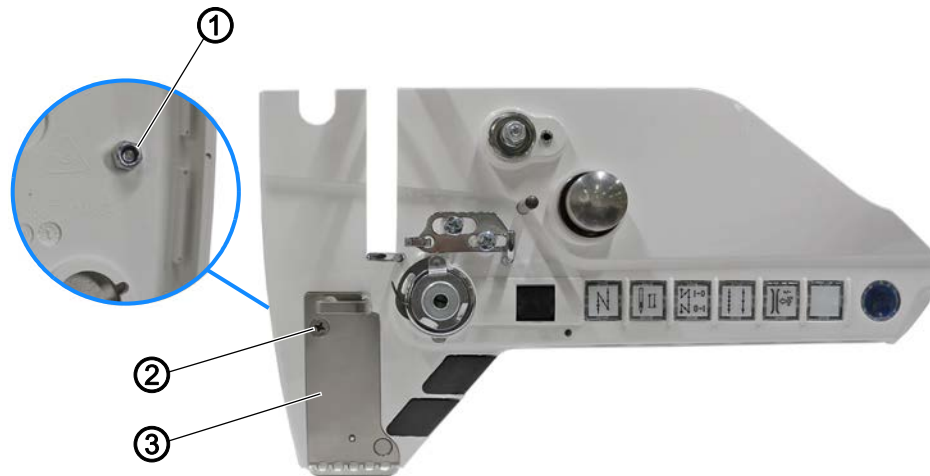
Fig. 3: Disassembling the covers (3)



On 2-needle machines the plug of connection **X103** must be detached from the PCB found behind the thread tension plate.

**2.2 Assembling the needle thread clamp**

Fig. 4: Assembling the needle thread clamp (1)



(1) - Nut  
(2) - Screw

(3) - Thread guide

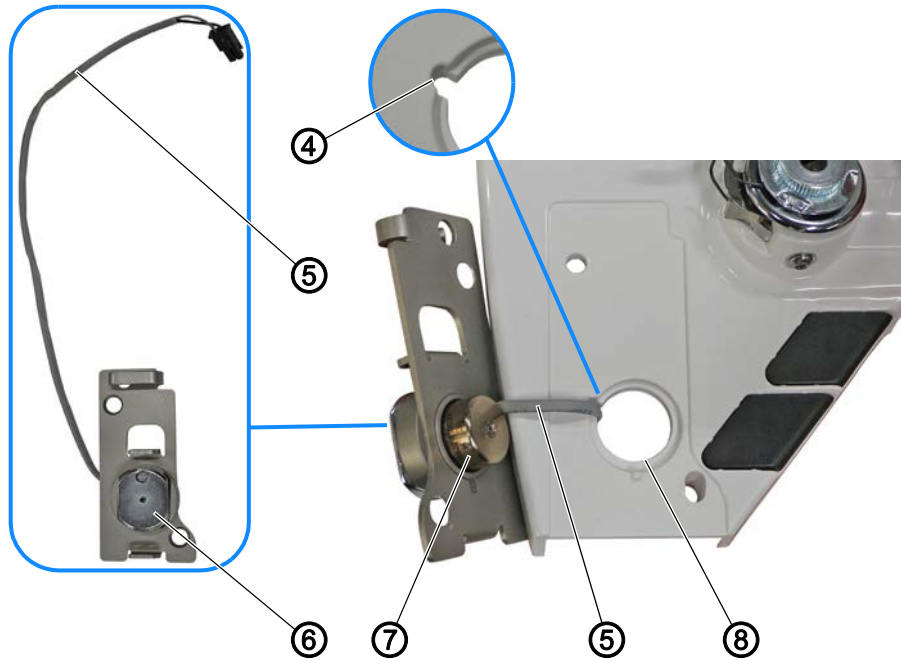


To assemble the needle thread clamp:

1. Loosen the screw (2).
2. Loosen the nut (1) on the rear side of the thread tension plate behind screw (2).
3. Remove the thread guide (3).



Fig. 5: Assembling the needle thread clamp (2)

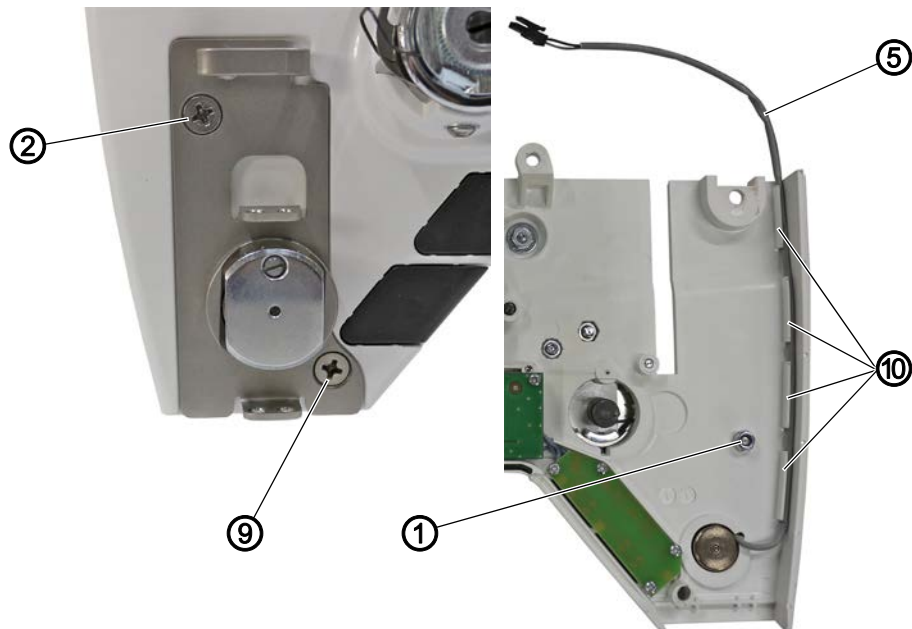


- (4) - Slot
- (5) - Cable
- (6) - Needle thread clamp
- (7) - Magnet
- (8) - Slot



4. Place the needle thread clamp (6) onto the thread tension plate.
- ↙ The magnet (7) is seated in the slot (8).  
The cable (5) rests in the slot (4).

Fig. 6: Assembling the needle thread clamp (3)



- (1) - Nut
- (2) - Screw
- (5) - Cable
- (9) - Screw
- (10) - Guides

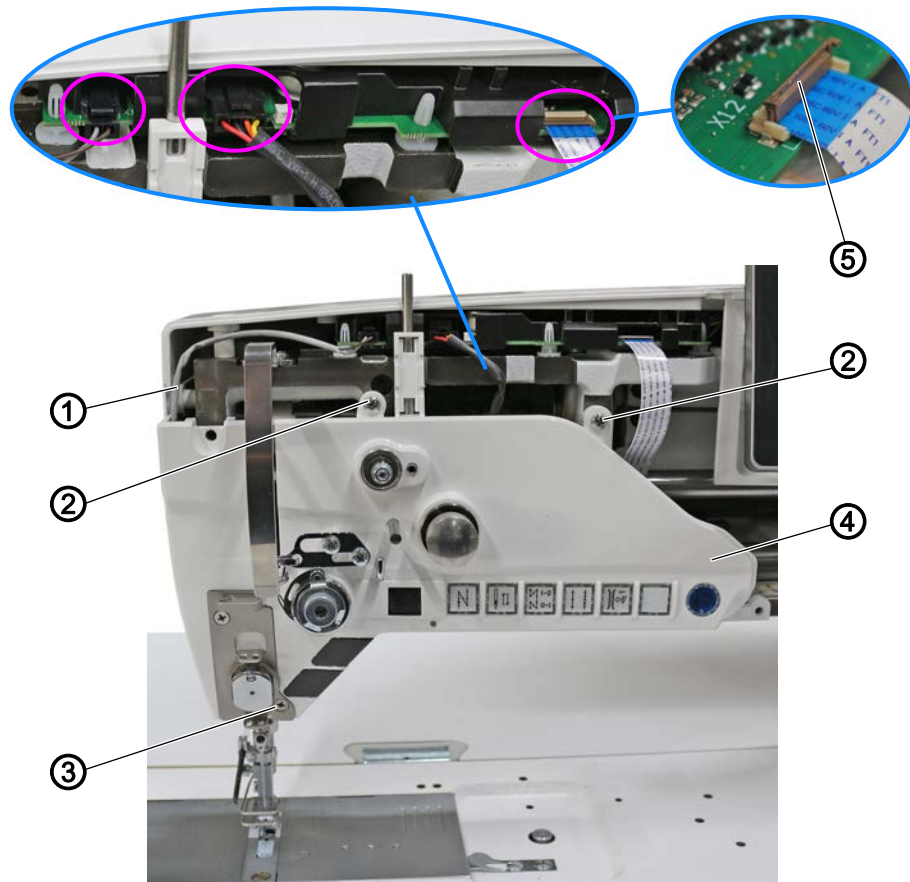


5. Tighten screws (2) and (9).
6. Tighten the nut (1) on the rear side of the thread tension plate behind screw (2).
7. Feed the cable (5) through the guides (10).

### 2.3 Assembling the covers

#### Assembling the thread tension plate

Fig. 7: Assembling the covers (1)



- (1) - Cable  
(2) - Screws  
(3) - Screw

- (4) - Thread tension plate  
(5) - Bobbin case retainer



To assemble the thread tension plate:

1. On 2-needle machines: Connect the plug at connection **X103**.
2. Assemble the thread tension plate (4).  
Make sure not to crush the cable (1) of the needle thread clamp.
3. Tighten screws (2) and (3).

4. Slip plugs onto the PCB:
  - Needle thread clamp: Connection **X10**
  - Thread tension: Connection **X11**
  - Push button: Connection **X12**

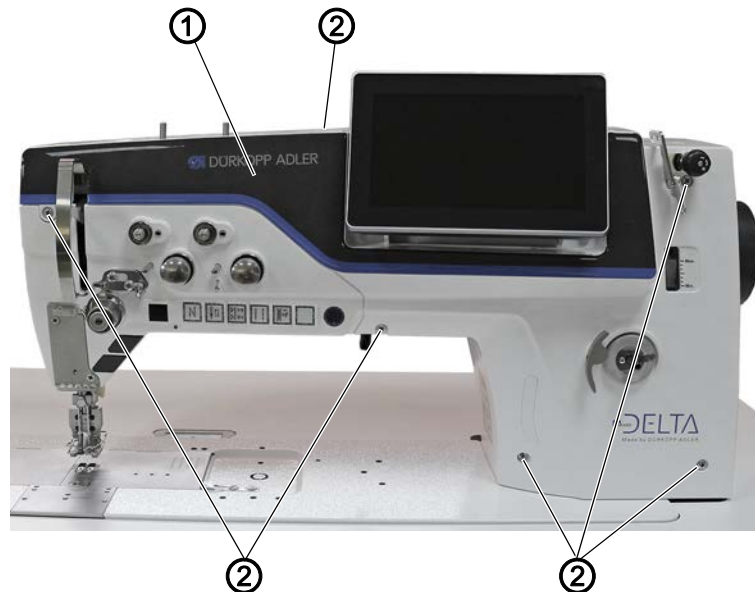


**Important**

To slip on connection **X12**, flip up the bobbin case retainer (5).  
Make sure not to lose the bobbin case retainer (5) as it will otherwise no longer be possible to connect the push button.

**Assembling the front cover**

*Fig. 8: Assembling the covers (2)*



(1) - Front cover

(2) - Screws









To assemble the front cover:

1. Switch off the machine
2. Place the front cover (1).  
Make sure not to damage the thread lever.
3. Tighten the screws (2).

## 2.4 Software settings




To activate the needle thread clamp in the software:

1. Log in as a technician ( *Operating Instructions*).  
User: technician  
Password: 25483
1. Open the menu  *Navigation* >  *Settings* >  *Machine Configuration* and press the  **Needle Thread Clamp** (*t 01 03*) button.
2. Check the box to activate the needle thread clamp.
3. Go to the  **Option** (*t 01 20*) section and set the desired option. Set as the factory setting is the value **2**.

### Values for the parameter Option (t 01 20)

Value	Description
0	at seam beginning only
1	at seam beginning and during reversal
2	at seam beginning and during sewing foot lift
3	at seam beginning and during reversal and sewing foot lift



4. Press the  button to exit the menu.









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