

***ENGLISH***

**DDL-8000CS**  
**Presser Foot Micro-Lifting Device**  
**INSTRUCTION MANUAL**

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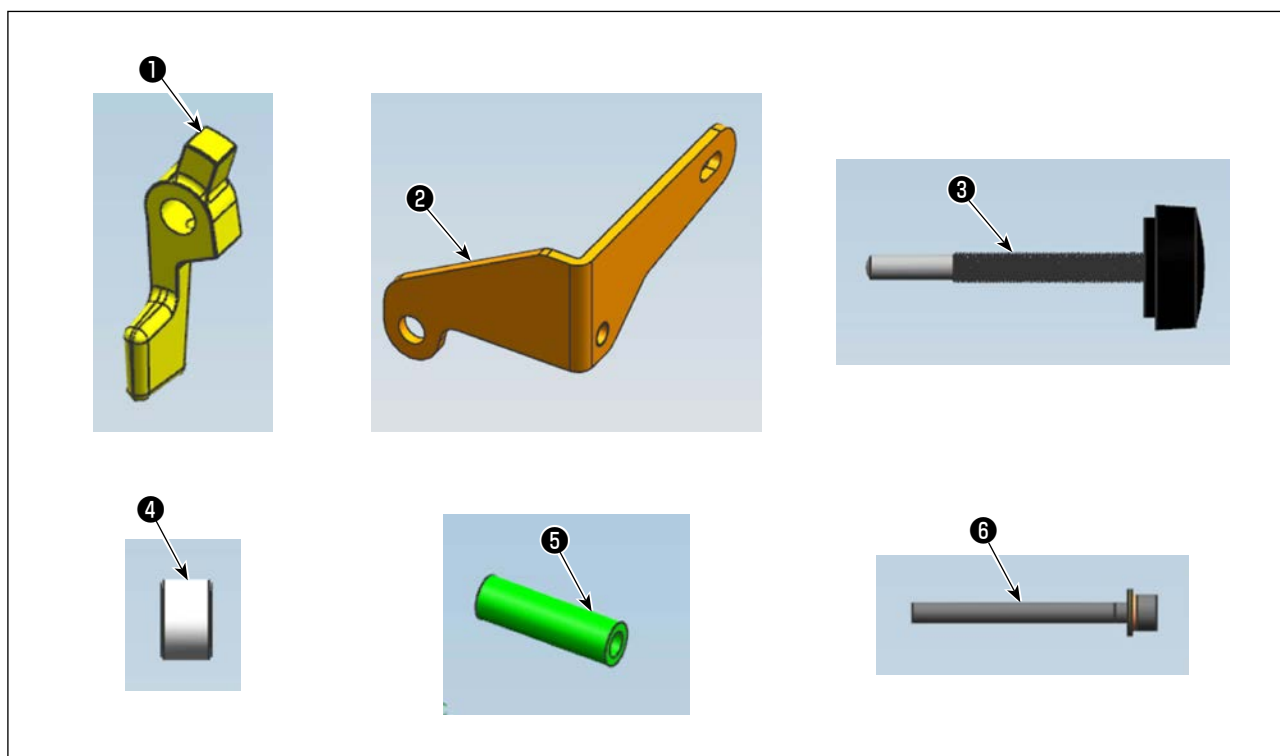
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## 1. General

By installing the presser foot micro-lifting device, sewing is possible with the presser foot slightly raised. You can adjust the height of the presser foot by turning the knob of the stopper screw (asm.).

## 2. Presser foot micro-lifting device parts list

Presser foot micro-lifting device kit number: 40311152



### Parts list

No.	Parts No.	Description	Qty
①	40311153	Presser foot micro-lifting lever	1
②	40311154	Stopper base	1
③	23610652	Stopper screw (asm.)	1
④	23610702	Stopper screw nut	1
⑤	40311155	Stopper collar	1
⑥	SL6044592TN	Hex bolt with washer	1

### 3. How to assemble



#### WARNING :

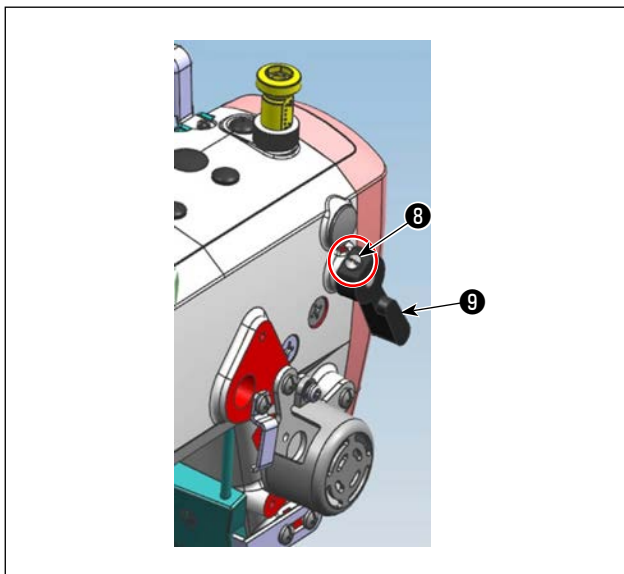
To protect against possible personal injury due to abrupt start of the machine, be sure to start the following work after turning the power off and ascertaining that the motor is at rest.

#### 3-1. Removing the face plate setscrew



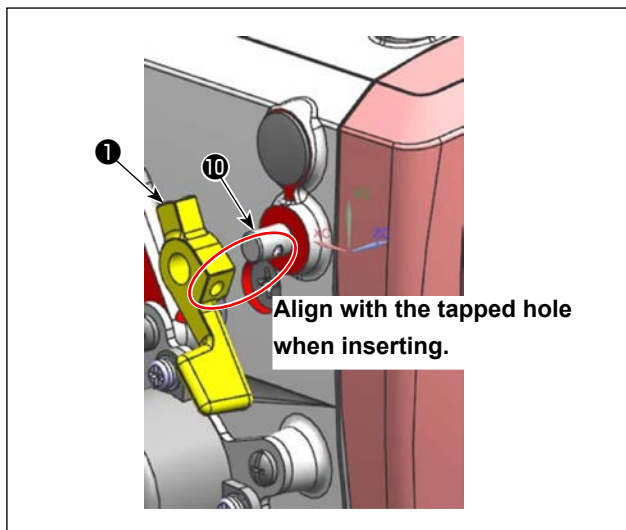
- 1) Remove only one of the upper face plate setscrews 7 .

#### 3-2. Removing the presser foot lifting lever

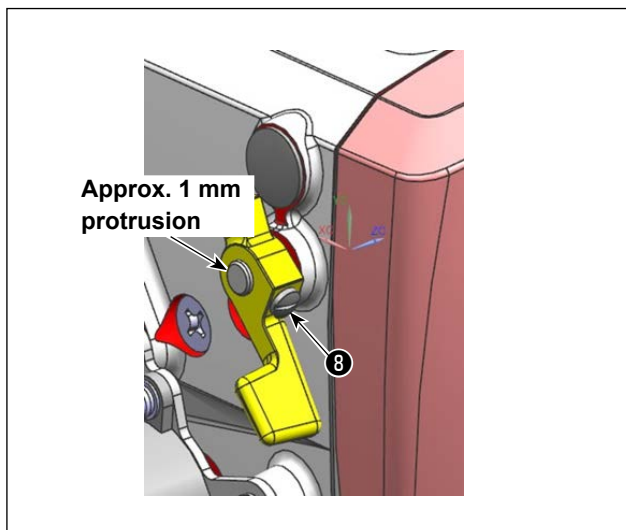


- 1) Remove the presser foot lifting lever setscrew 8 .  
\* The presser foot lifting lever setscrew 8 will be reused, so be careful not to lose it.
- 2) Remove the presser foot lifting lever 9 .

### 3-3. Installing the presser foot micro-lifting lever

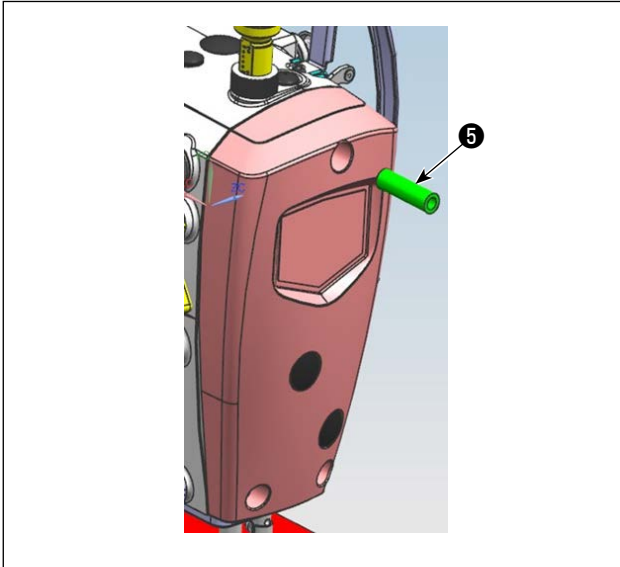


- 1) Insert the presser foot lifting lever ❶ into the presser foot lifting lever shaft.
- \* Make sure to insert it so that the hole in the presser foot micro-lifting lever ❶ aligns with the tapped hole in the presser foot lifting lever shaft ❷.

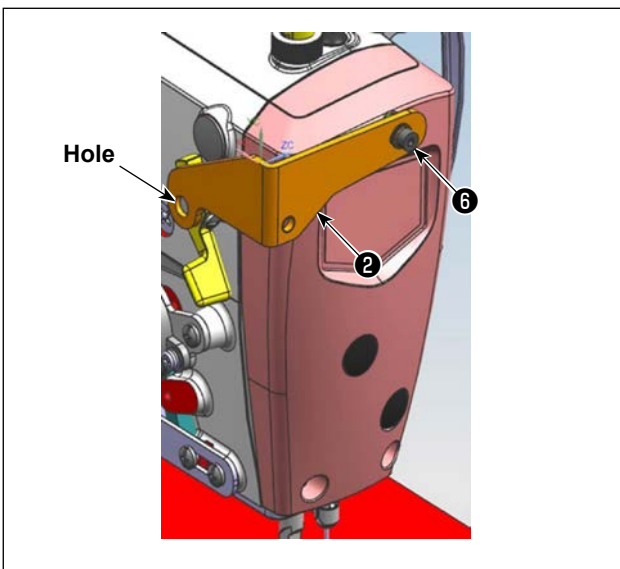


- 2) Insert the presser foot lifting lever setscrew ❸, removed in step 3-2, into the hole in the presser foot micro-lifting lever ❶, and tighten it to a torque of 10 to 20 kgf-cm to secure the presser foot micro-lifting lever ❶ in place.
- \* Make sure the tip of the presser foot lifting lever shaft protrudes approximately 1 mm.

### 3-4. Installing the stopper base

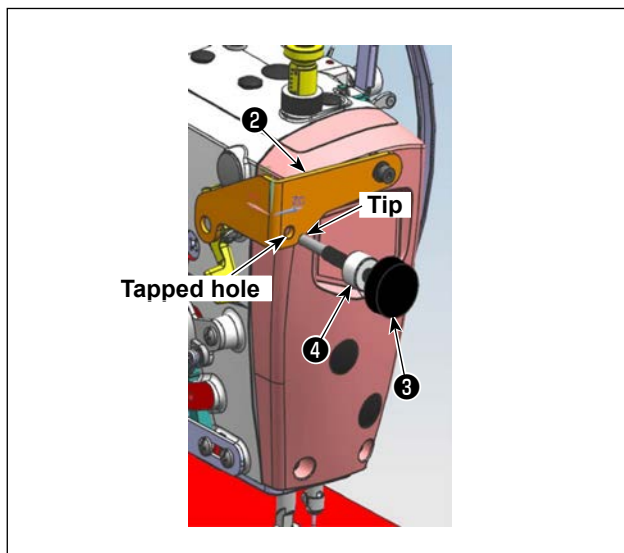


- 1) Insert the stopper collar **5** into the upper face plate hole.

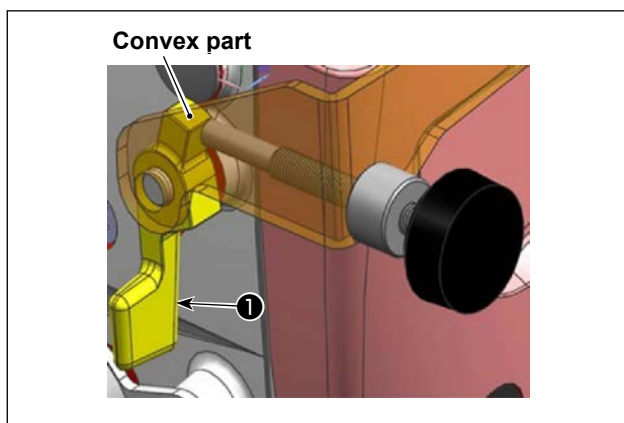


- 2) Insert the presser foot lifting lever shaft **10** into the hole in the stopper base **2**.
- 3) Insert the hex bolt with washer **6**.
- 4) While holding the stopper base **2** in place to prevent its hole from slipping off the presser foot lifting lever shaft **10**, tighten the hex bolt with washer **6** to a torque of 30 to 40 kgf-cm.

### 3-5. Installing the stopper screw



- 1) Insert the stopper screw nut ④ onto the stopper screw (asm.) ③ .
- 2) Insert the stopper screw (asm.) ③ into the tapped hole in the stopper base ② .



- 3) When the tip of the stopper screw (asm.) ③ comes into contact with the convex part of the micro-lifting lever ① , secure it in place by tightening the stopper screw nut ④ .
- \* This position corresponds to the presser foot micro-lifting height "0".

## 4. How to adjust the presser foot micro-lifting height



### WARNING :

To protect against possible personal injury due to abrupt start of the machine, be sure to start the following work after turning the power off and ascertaining that the motor is at rest.

You can fine-tune the presser foot height by turning the knob.

- Turning it clockwise raises the presser foot.
- Turning it counterclockwise lowers the presser.

After the adjustment, tighten the stopper screw nut ④ .



If the screw rotates due to vibration or other factors, the adjustment value may change.

Therefore, always tighten the stopper screw nut ④ firmly to lock the presser foot height once adjustment is complete.

