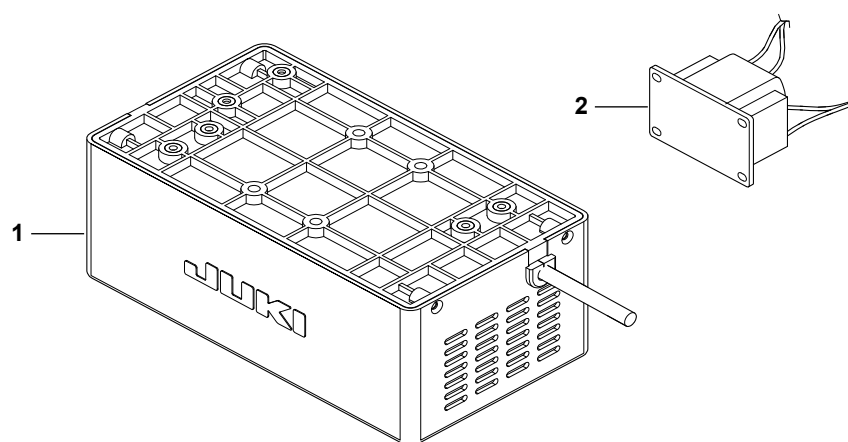


# Installing and connecting the supplied reactor box and ring core

The installation and connection methods vary depending on the supplied reactor box.  
Refer to the following documents for installation.

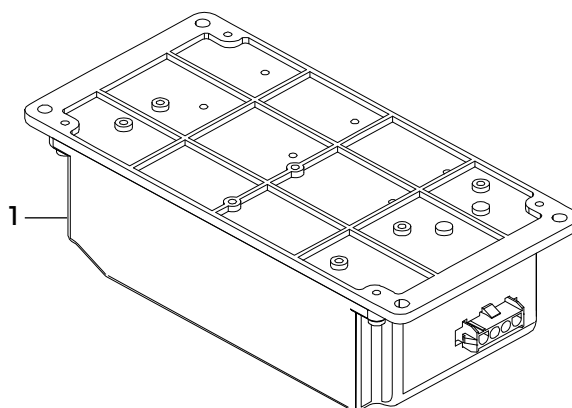
- When using the following, refer to **"2-6. Installing the reactor box [Only for the EU type models]" p.2**

	No.	pc.
1	402-33439	REACTOR 8A
2	402-47139	REACTOR_COVER_CABLE_SET_7A



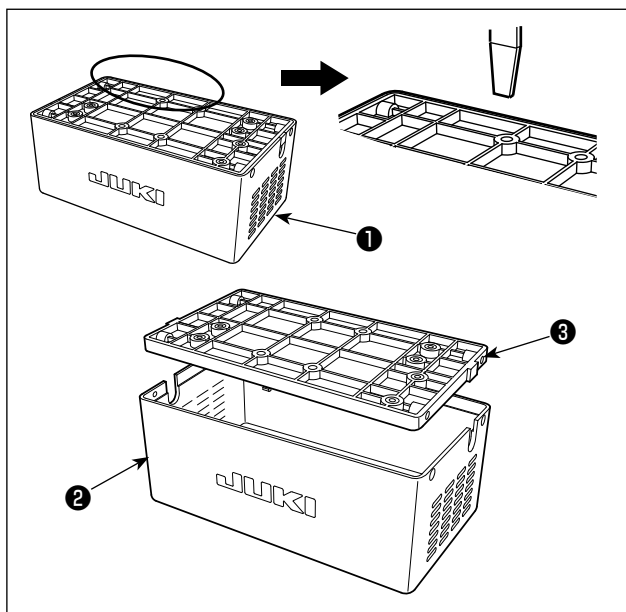
- When using the following, refer to **"2-6. Installing the reactor box [Only for the EU type models]" p.5** or **"2-6. Installing the reactor box (Only for EU type models)"** in the Instruction Manual for the DDL-8000AS, AB.

	No.	pc.
1	403-06069	REACTOR_BOX_8A



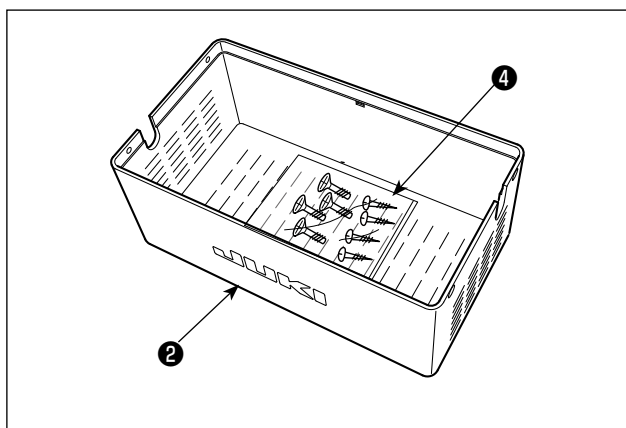
## 2-6. Installing the reactor box [Only for the EU type models]

\* For the EU-type models, install the reactor box that is supplied with the sewing machine.



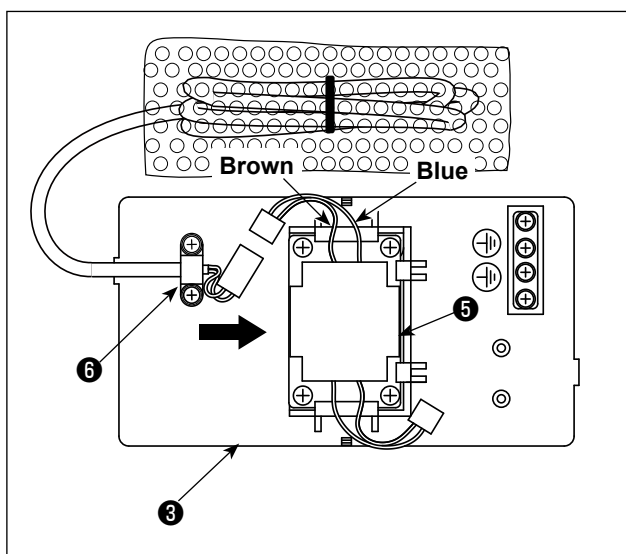
1) Detach reactor cover ② from reactor box ① to separate from reactor base asm. ③.

\* The reactor cover can be detached with ease by inserting a tool that has a thin flat tip such as a flat-blade screwdriver between the cover and base.



2) Take out screw bag ④ from cover ②.

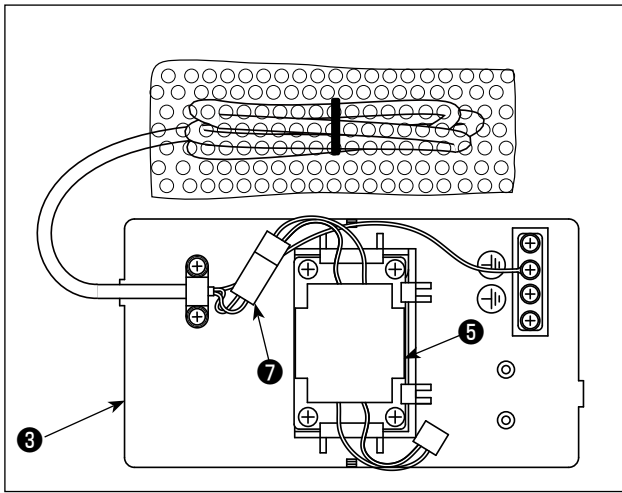
\* The screw bag contains two different kinds of screws (four pieces each).



3) Slide reactor ⑤ in the direction of the arrow to insert into reactor base asm. ③.

- Caution**

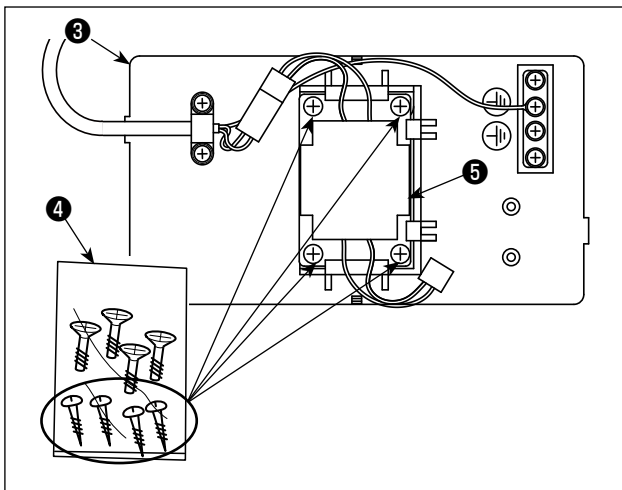
  1. When inserting the reactor, detach bundled wire clamp ⑥ beforehand.
  2. Insert reactor ⑤ into the reactor base asm. while facing brown and blue lead wires side upward.



- 4) Connect the connector **7** of the power cord that is fixed to reactor base asm. **3** to the connector of reactor **5**.



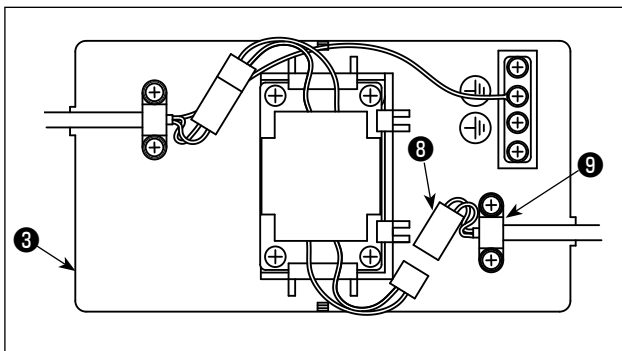
**Be sure to insert the former fully into the latter until the connector is locked.**



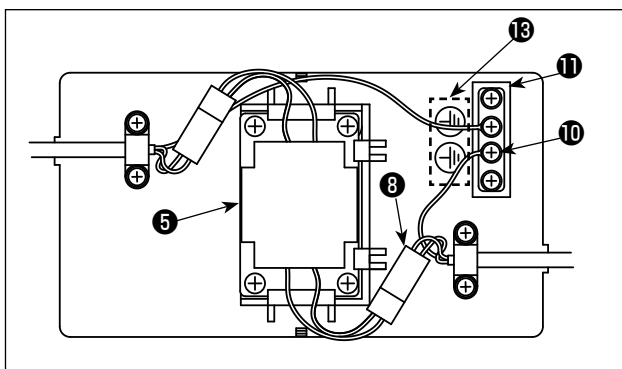
- 5) Take out wood screws (ST4.2 x 25) from screw bag **4**. Secure reactor base asm. **3** and reactor **5** to the undersurface of sewing machine table with the wood screws (at four locations).



**Refer to the instruction figure shown in the following step of procedure 11) for the mounting positions of the reactor cover and reactor base asm.**



- 6) Secure power cord asm. **8** coming from the electrical box to reactor base asm. **3** with bundled wire clamp **9**.

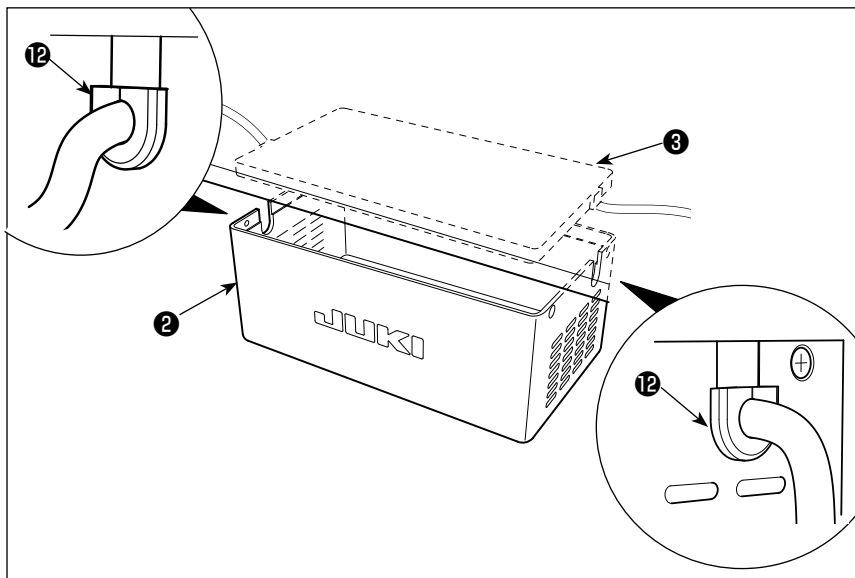


- 7) Connect the connector of power cord asm. **8** to connector of reactor **5**.

- 8) Secure earth terminal **10** of power cord asm. **8** to earth base **11** with a screw.



**Secure the earth terminal to the screw with earth mark **13**.**

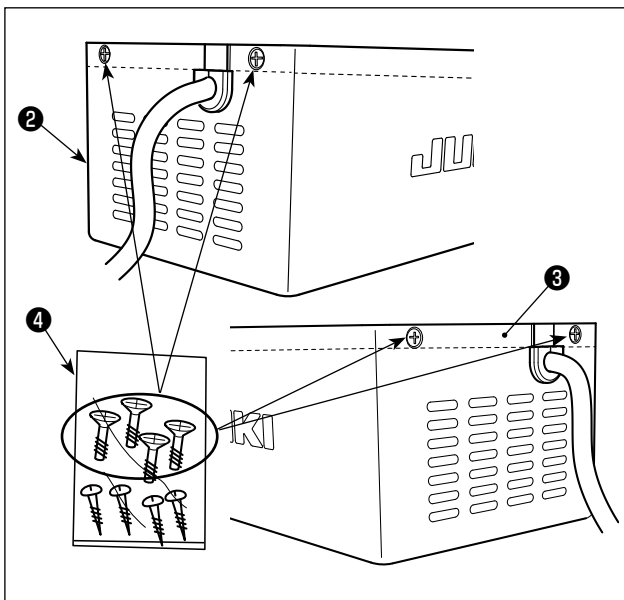


9) Fit reactor cover **2** over reactor base asm. **3**.

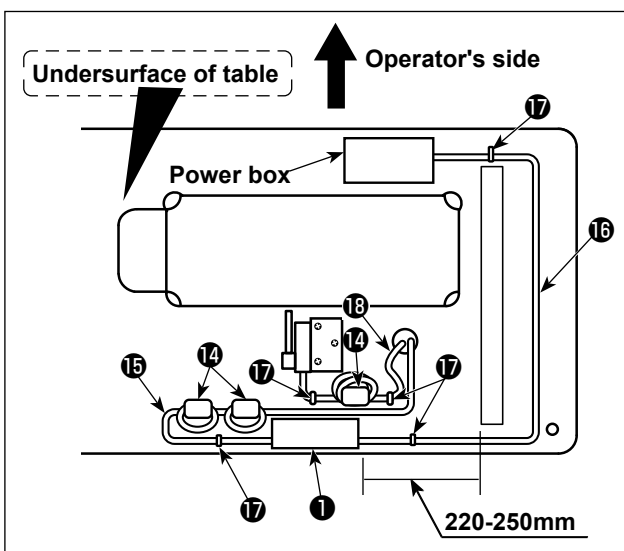


Take care not to allow the cord to be caught under reactor cover **2**.

Pass the power cord through cord bushing **12**. Then, insert the power cord into the slit portion of reactor cover **2** and hold it with reactor base asm. **3**.



10) Take out reactor cover fixing screws from screw bag **4**. Secure reactor cover **2** to reactor base asm. **3** with the fixing screws (at four locations).



11) For two ring cores **14**, clamp the power cord of the electrical box after winding the cable round the torus of the ring core twice.

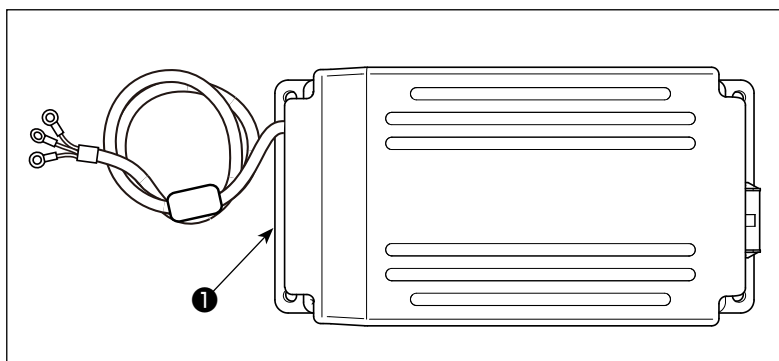
For one ring core **14**, clamp the pedal sensor cable **18** after winding the cable round the torus of the ring core three times.

12) Fix input/output cables **15** and **16** of reactor box **1** on the table stand using accessory cord staple **17**.

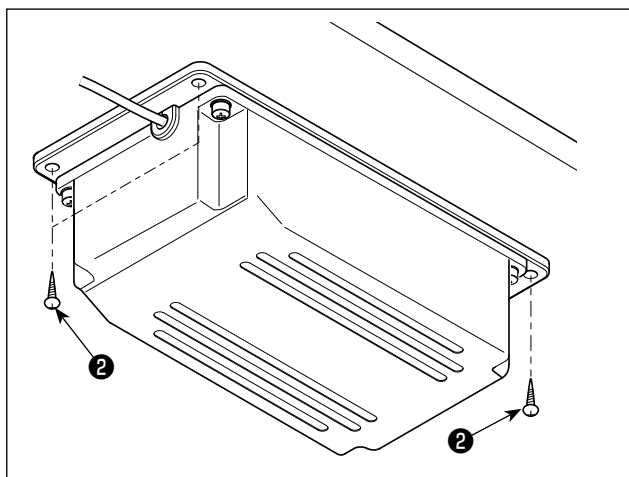
At this time, take care not to cross the input- and output-cables **15** **16**.

## 2-6. Installing the reactor box [Only for the EU type models]

\* For the EU-type models, install the reactor box that is supplied with the sewing machine.



1) Remove the reactor box ❶ from the accessory box.



2) Remove the wood screws ❷ from the accessory bag and install the reactor box under the table.  
(4 screw tightening locations)

3) Refer to the figure to install the reactor box ❶.

4) Install the power cable and pedal cable on the underside of the table using the supplied staples ❸.

