

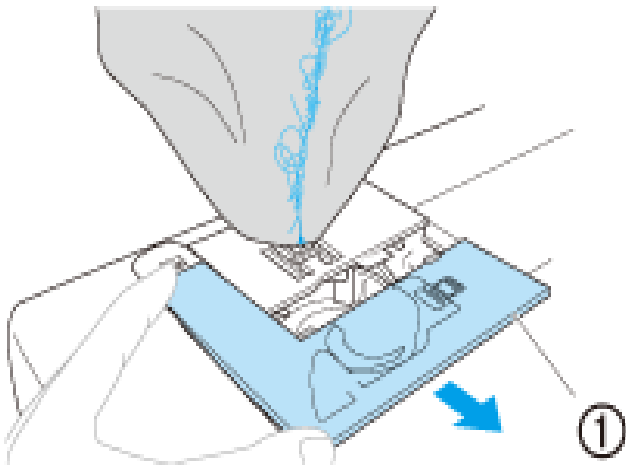


Trouble Shooting Sewing Machine



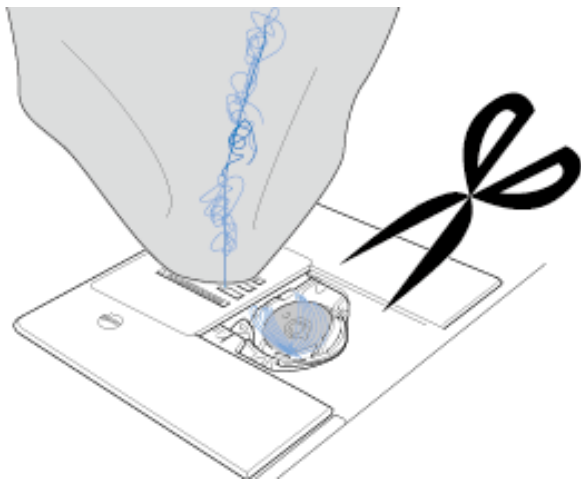
The fabric is stuck in the sewing machine

Removing the fabric from the machine:

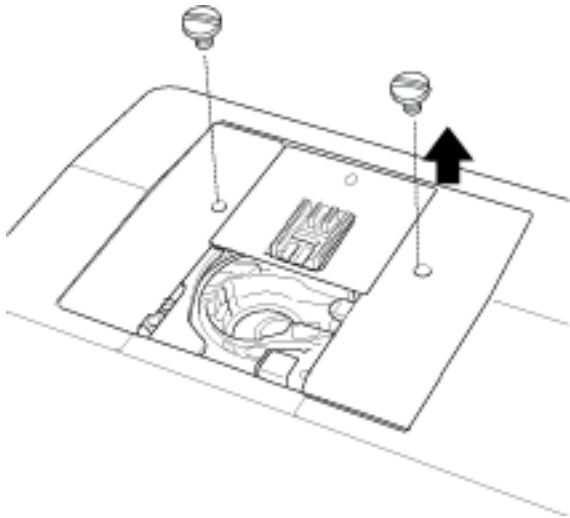


(1) Bobbin cover

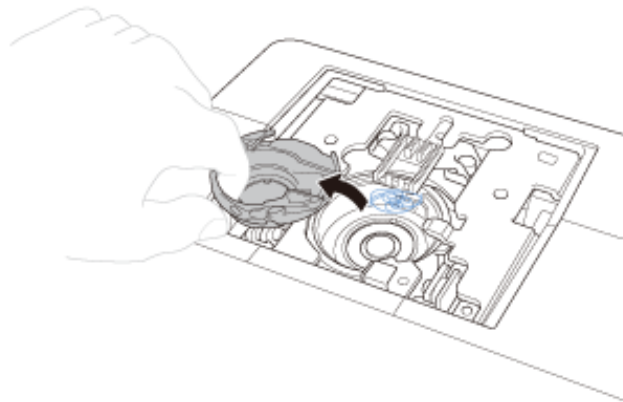
- Immediately stop the sewing machine
- Turn off the sewing machine
- Remove the needle
- Remove the presser foot and presser foot holder



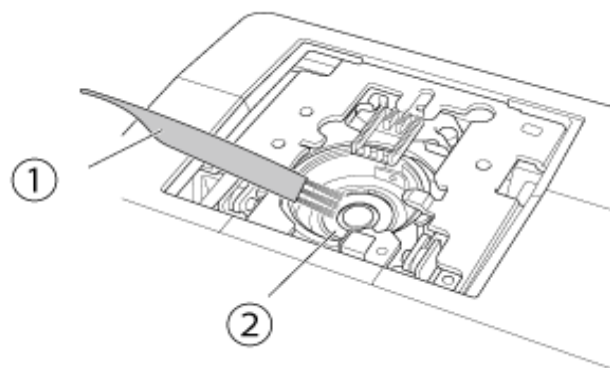
- Lift up the fabric and cut the threads below it



- Using the screwdriver, remove the two screws.
- Lift up the needle plate as shown in the illustration, and then slide the needle plate to the left to remove it.



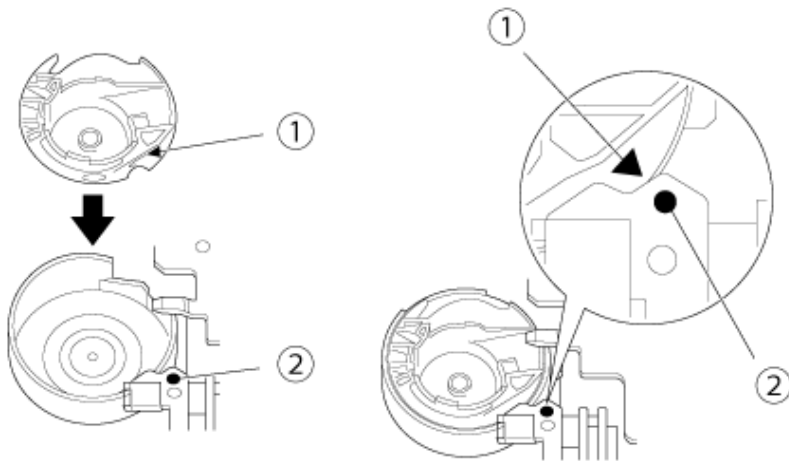
- Cut out the tangled threads.
- Grasp the bobbin case, and then lift it out to the left.



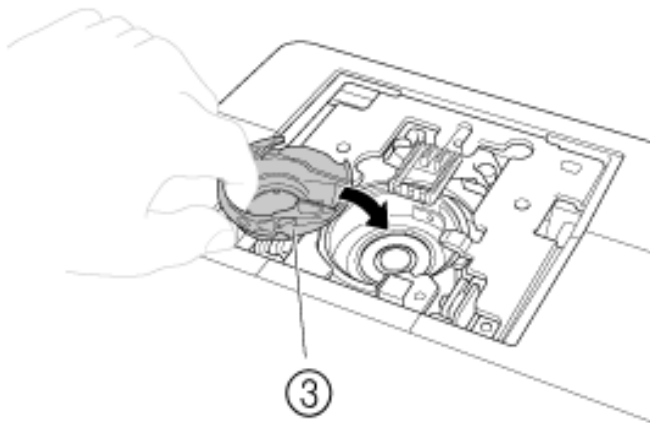
- Use the cleaning brush or a vacuum cleaner to remove any dust from the bobbin race and its surrounding area.

(1) Cleaning brush

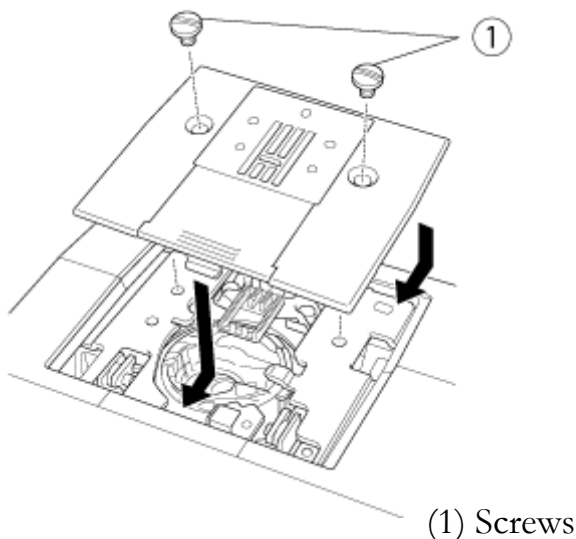
(2) Race



- Insert the bobbin case so that the ▲ mark on the bobbin case aligns with the ● mark on machine as shown below.

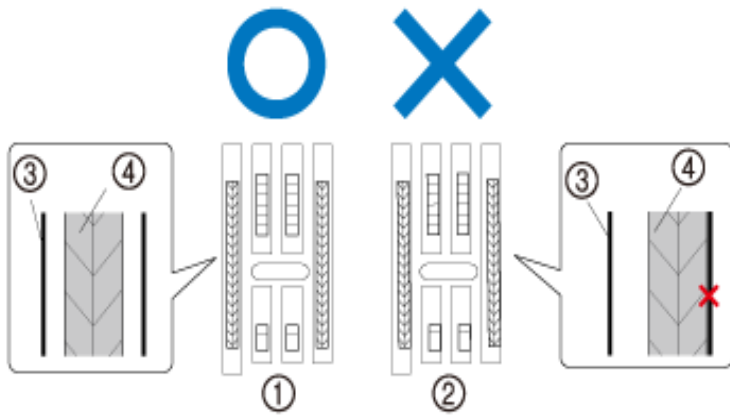


- 1) ▲ mark
- (2) ● mark
- (3) Bobbin case



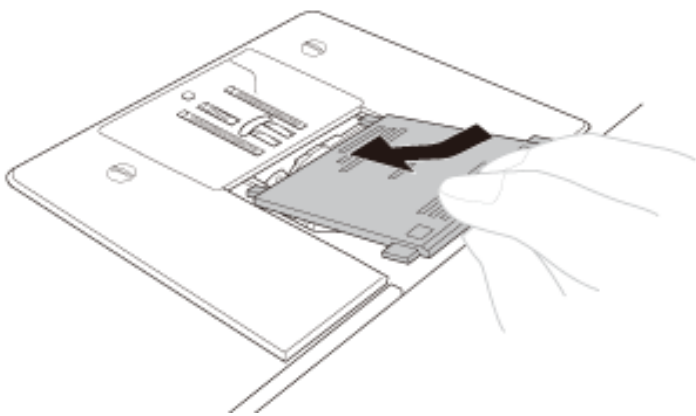
- Use the cleaning brush or a vacuum cleaner to remove any dust from the bobbin race and its surrounding area.

(1) Screws



- Turn the handwheel to check that the feed dogs move smoothly and do not contact the edges of the slots in the needle plate.

- (1) Correct position of feed dogs
- (2) Incorrect position of feed dogs
- (3) Needle plate
- (4) Feed dogs

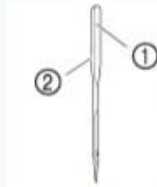


- Install the bobbin cover.

- Check the condition of the needle, and then install it

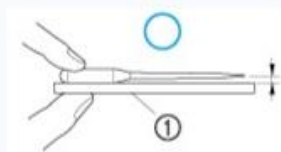


Before using the needle, place the flat side of the needle on a flat surface and check that the distance between the needle and the flat surface is even.



(1) Flat side
(2) Needle type marking

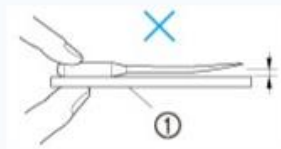
Correct needle



(1) Flat surface


Incorrect needle

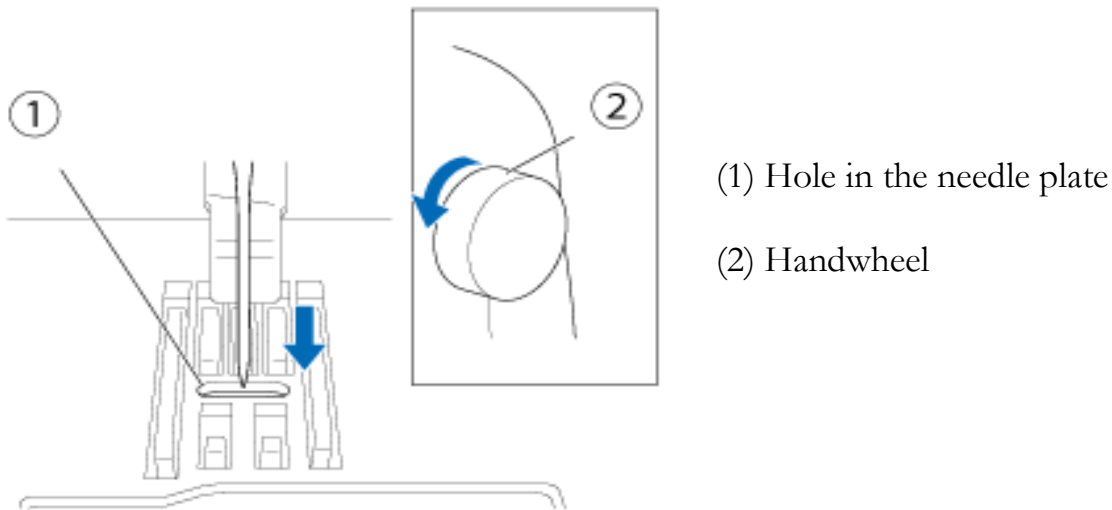
If the distance between the needle and the flat surface is not even, the needle is bent. Do not use a bent needle.




(1) Flat surface

Checking machine operations:

- Turn on the machine
- Select  Straight stitch (middle or center needle position)
- Slowly turn the handwheel toward you (counterclockwise), and look from all sides to check that the needle falls at the center of the hole in the needle plate.
- If the needle contacts the needle plate, remove the needle plate, and then install it again.



- Select  zigzag stitch). at this time, increase the stitch length and width to their maximum settings

- Slowly turn the handwheel toward you (counterclockwise) and check that the needle bar and feed dogs operate correctly.
- Turn off the machine, and then install the presser foot holder and presser foot.
- Install the bobbin
- Correctly thread the machine.
- Perform trial sewing with normal fabric

REFERENCES:

https://support.brother.com/g/b/faqend.aspx?c=eu_ot&lang=en&prod=hf_hq22euk&faqid=faqh00100035_004&fbclid=IwZXh0bgNhZW0CMTEAAR15Ys2vNeet9VNbvAR_TgT7VB4zBz66psKsYsKtKr645arwHeWZIZuXtHs_aem_ykaXafPHh72Qy5stubfmiw