

In order to conduct adjustment and exchange safely and surely,
please be sure to abide by what is mentioned in this manual to prevent trouble.



When you conduct adjustment and exchange using this manual, please be sure to use together with instruction with it in hand.

Please conduct in accordance with work process in this manual.

In case there are no specific instructions or explanations in work process.

please be sure to unplug cord from receptacle.

When you exchange parts, please be sure to use genuine parts designated by us.

Please never remodel the embroidery machine.

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Exchange and Adjustment of pressure foot

3-2-11

1. Remove thread guide plate B ass'y. (Fixing screw 2 pcs)



2. Remove front panel. (Fixing screw 2 pcs)



3. Remove lower front panel. (Fixing screw 2 pcs)

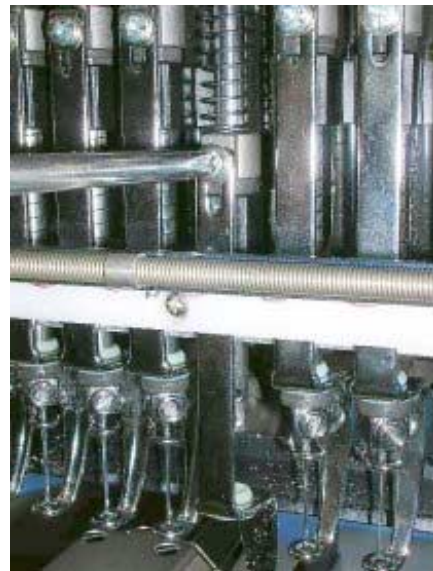


4. Remove needle, needle holder and cushion.

<Caution> Please care when remove Needle holder, pop down Pressure foot.



5. Remove pressure foot. (Fixing screw 1 pcs)



6. Install good parts.



Exchange and Adjustment of pressure foot

3-2-11

7. Please set needle and needle clamp.

For set needle, please reference [3-1-2 Fixing of needle].

8. Adjust needle height.

Please refer to [3-3-6 Adjustment of needle height].

9. Bring needle bar down.



10. Turn upper shaft and set dial disc to [0 degree].



11. Insert [Gauge 1.2mm] between needle plate and pressure foot.

1.2 mm is standard, But please adjust depends by thick of material.



12. Tighten fixing screw for pressure foot.

(Fixing screw 1 pcs)

At this moment, no gap between gauge and pressure foot or needle plate.



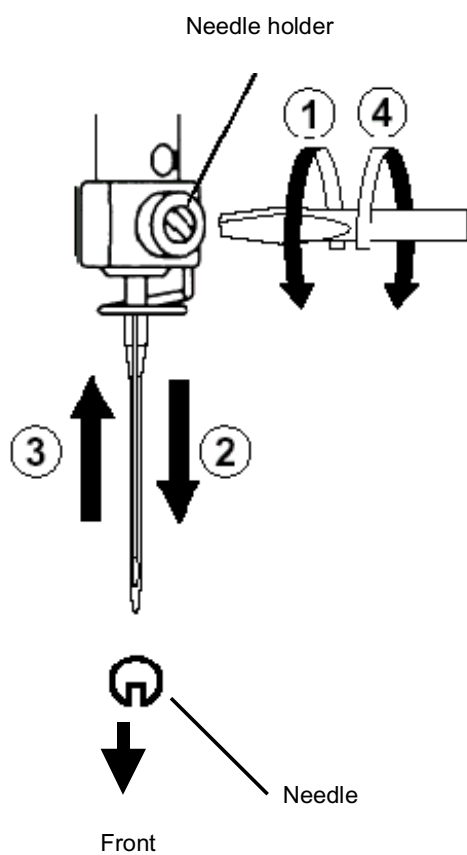
13. Return lower front panel, front panel and thread guide plate B to previous places to finish.

Fixing of needle

1. In order of (1)-(4), please remove and fix needle.

- (1) Loosen screw holding needle.
- (2) Remove needle.
- (3) Insert needle till it goes to the end.
- (4) Tighten screw holding needle.

Fix needle so that needle groove faces front.



Adjustment of needle height

1. At this time, lower front panel. (Fixing screw 2 pcs)



2. Remove bobbin case.



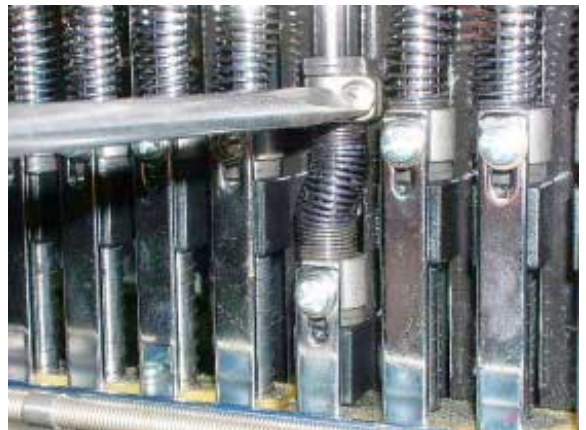
3. Bring needle bar down.



5. Turn upper shaft to set dial disc to [L + 5 degrees].



6. Loosen screw on needle bar boss.



6. Put needle height gauge in rotary hook.

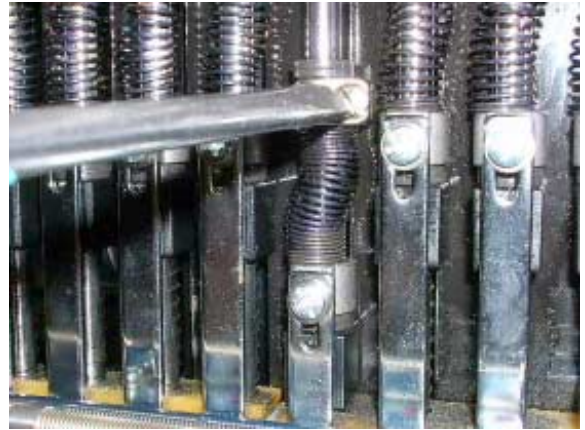


Adjustment of needle height

7. Adjust the needle bar height up and down till the needle tip touches to the gauge slightly.



9. Tighten the screw of needle bar boss.



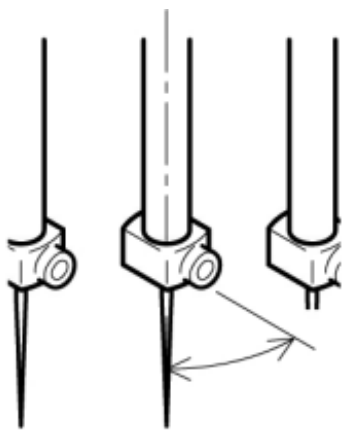
9. Set direction of needle stop as illustrated below.



10. Produce Needle height gauge from hook.

11. Back main shaft to [270 degree] position.

12. Set Lower front panel and bobbin case then end of process.



About 30 degrees