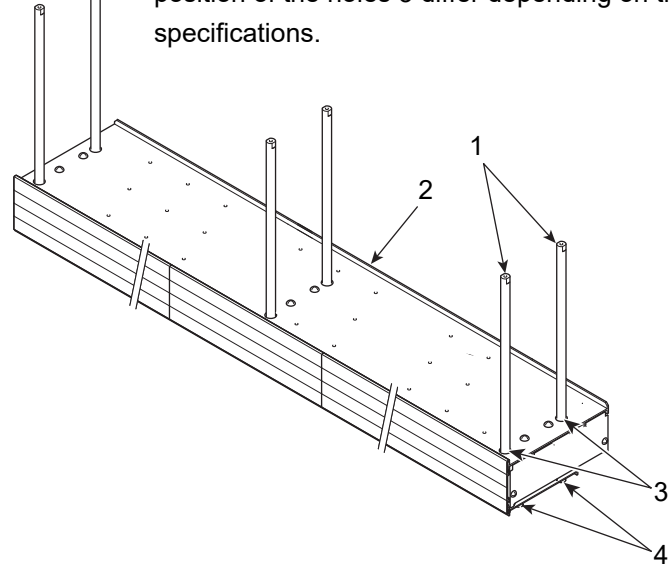


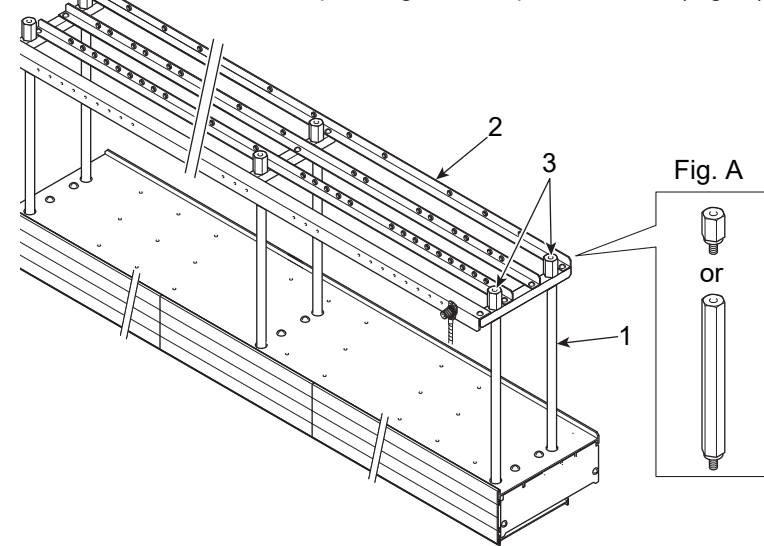
- 1** Insert the thread guide support bars 1 into the holes 3 in the thread stand plate 2, and screw them into the tapped holes 4.

The shape of the thread stand plate 2 and the position of the holes 3 differ depending on the specifications.

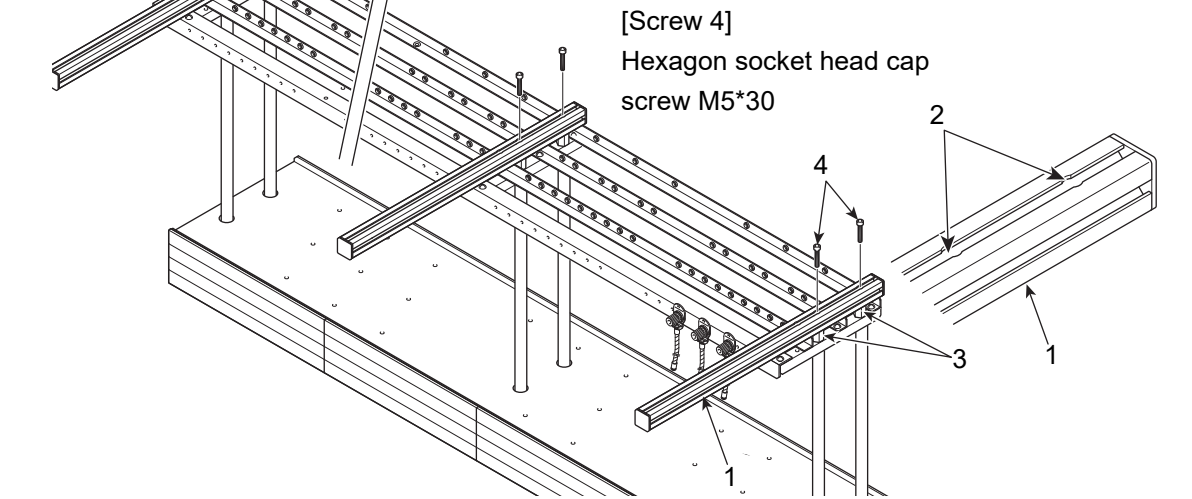


- 2** Put the thread courses 2 on the thread guide support bars 1 and fix them with No.1 studs 3.

There are two types of No.1 stud 3, depending on the specifications. (Fig. A)



- 3** [Multi-head machine]
Place the reel frames 1 on No.1 studs 3 with its machined face 2 upward and fix it with the screws 4.



[Screw 4]
Hexagon socket head cap screw M5*30

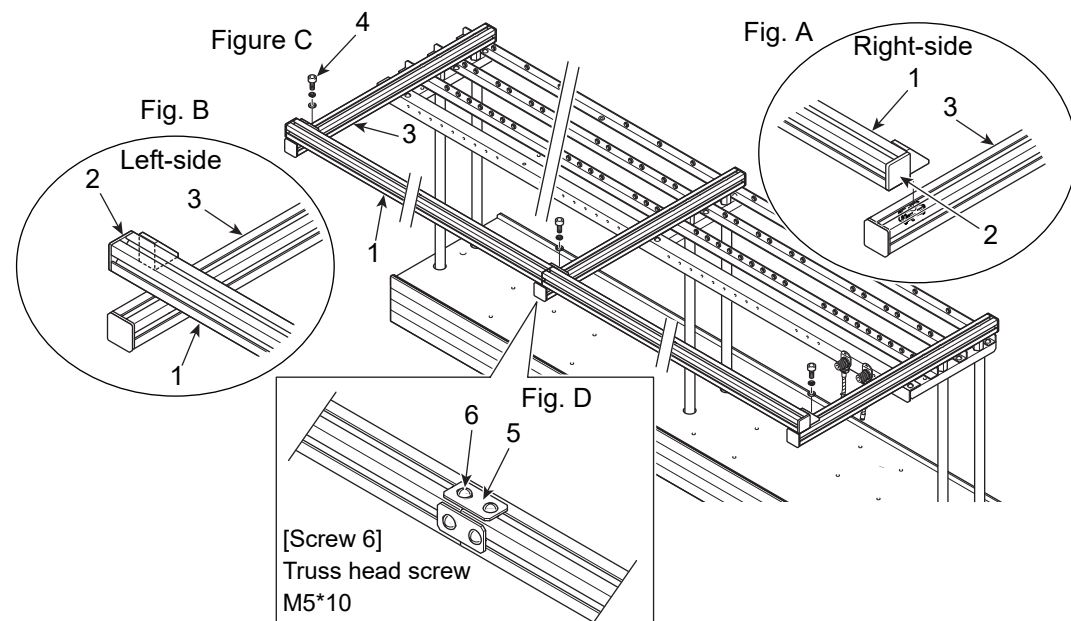
[Small-sized machines and L-spec. machines]

This product is shipped with the reel frame and aluminum frame connected as shown in the figure for the step **4**. Install them to the No.1 stud 3.

- 4** [Multi-head machine only]

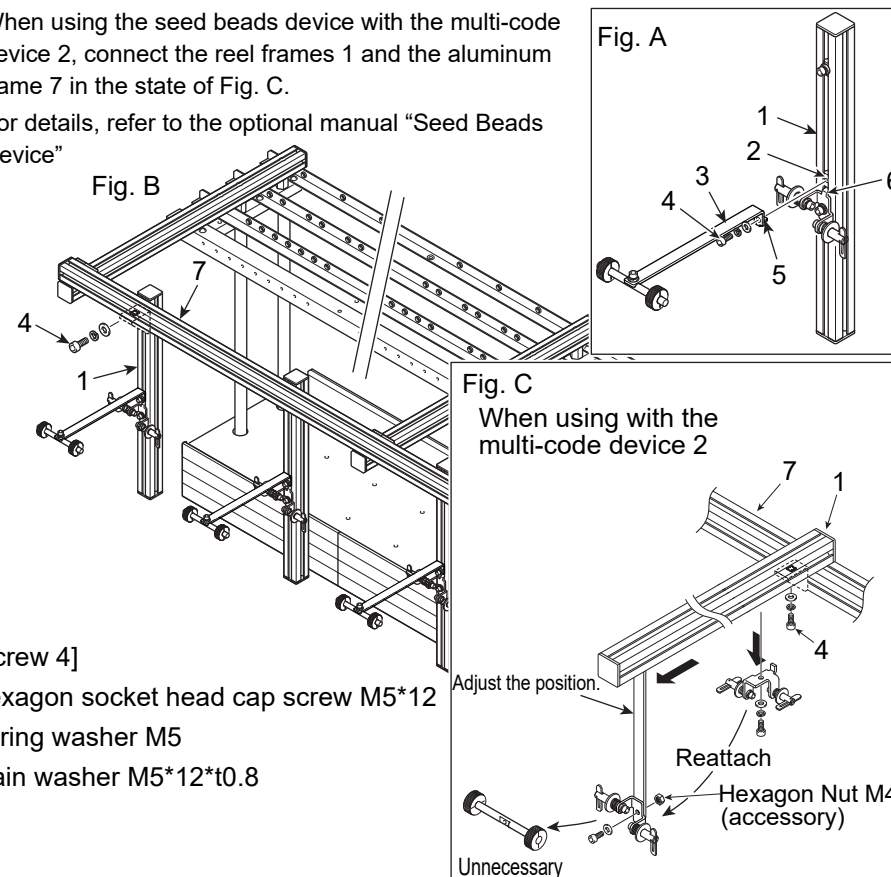
- [Fig. A], [Fig. B] Place the aluminum frame 1 on the reel frames 3 with the end caps 2 attached to the tip of the aluminum frame 1 directed toward the both end (left and right side).
- [Fig. C] Connect the aluminum frame 1 and the reel frames 3, using the screws 4.
- [Fig. D] If the machine has two or more aluminum frames 1, connect the frames using the two connectionstays 5 and four screws 6.

[Screw 4]
Hexagon socket head cap screw M5*12
Spring washer M5
Plain washer M5*12*t0.8



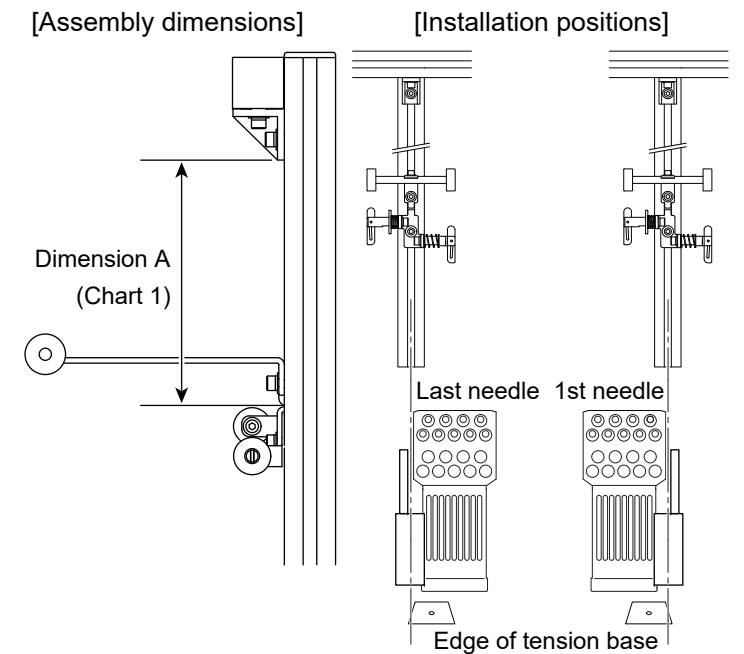
- 5**
- [Fig. A] Using the screw 4, install the guide bracket 3 on the nut stopper 2 attached to the reel frame 1. Attach the tip 5 onto the reel bracket 6.
 - [Fig. B], [Fig. C] Connect the reel frames 1 and the aluminum frame 7, using the screws 4.

When using the seed beads device with the multi-code device 2, connect the reel frames 1 and the aluminum frame 7 in the state of Fig. C.
For details, refer to the optional manual "Seed Beads Device"



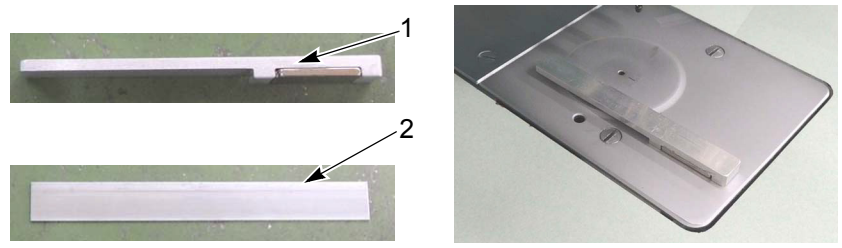
[Screw 4]
Hexagon socket head cap screw M5*12
Spring washer M5
Plain washer M5*12*t0.8

The assembly dimensions and installation positions at shipment from the factory are as shown below.

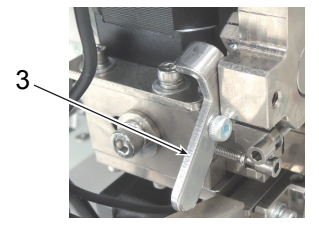


Square pipe	Chart 1	
	Dimension B	Dimension A
Dimension B	200 or 300 mm	150 mm
	250 or 400 mm	250 mm

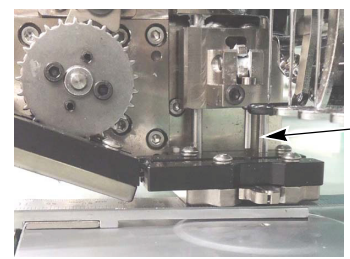
6 1. Place the height gauge 1 and then the 0.5 mm thickness spacer 2 on the needle plate.



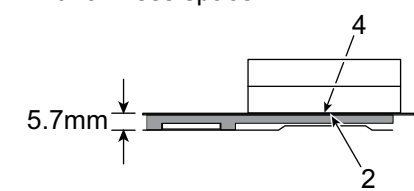
2. Lower the stopper lever 3.



3. Connect the machine to the air compressor (air pressure: 0.55 MPa). Lower the device 4 by using the operation panel and check its height.



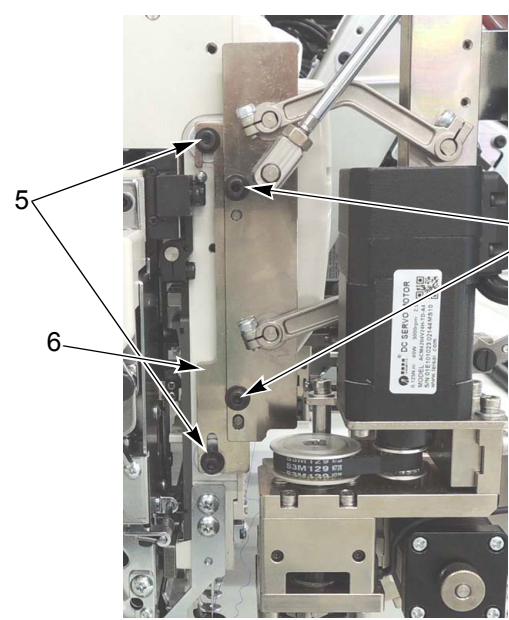
The bottom surface of the device 4 must be in light contact with the 0.5 mm thick-ness spacer 2.



[Bad example]

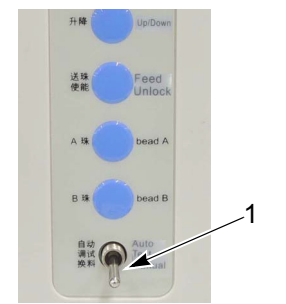


4. When adjustment is necessary, loosen the screws 5, then change the height of the attaching base 6, and finally tighten the screws 5.

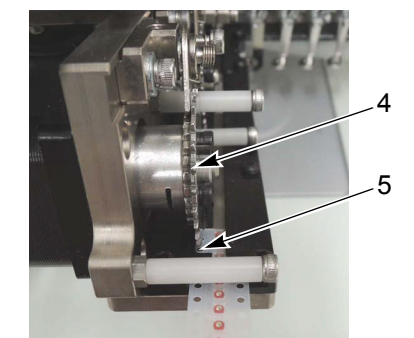
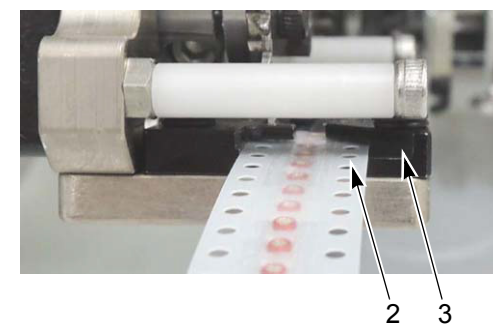


To remove the device for the purpose of maintenance, etc., remove the screws 7.

7 1. Set the mode selector switch 1 on the switch box to the "Bottom (Manual mode)" position.

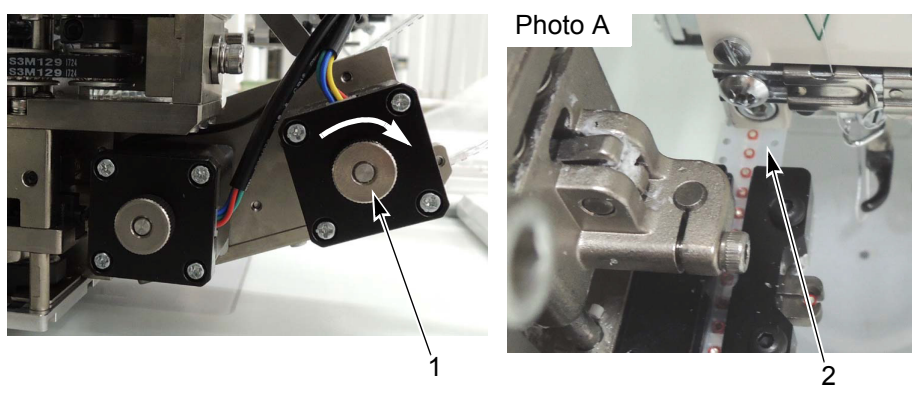


2. Install the beads reel, insert the tip 2 of the left side beads tape into the lower guide 3 if the seed beads device is installed on the left-hand side, and align the feed sprocket 4 to the beads tape hole 5.

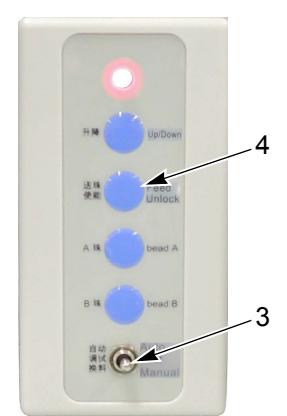


If the seed beads device is installed on the right-hand side, insert the tip of the right side beads tape into the lower guide.

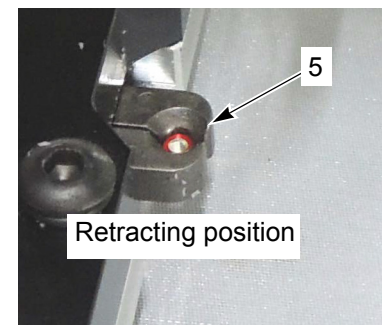
8 1. Feed the tip 2 of the beads tape to the position shown in Photo A while turning the knob 1 of the feed motor (for the left side beads tape) clockwise (toward yourself).



2. Set the mode selector switch 3 on the switch box to the "Middle (Test mode)" position. Press the holder feed switch 4. The beads holder moves to the stitching position.



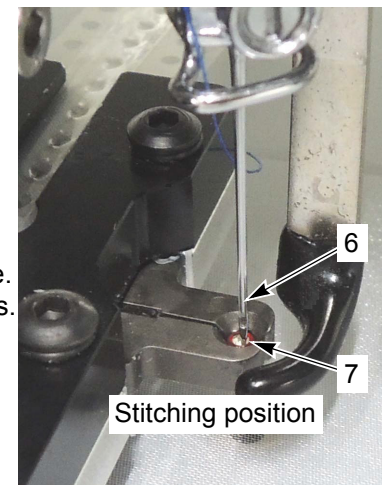
3. Press the holder feed switch 4 again. This moves back the beads holder 5 and, after the perforator perforates the beads, the beads holder returns to the retracting position.



4. Press the holder feed switch 4 again. The beads holder 5 moves to the stitching position.

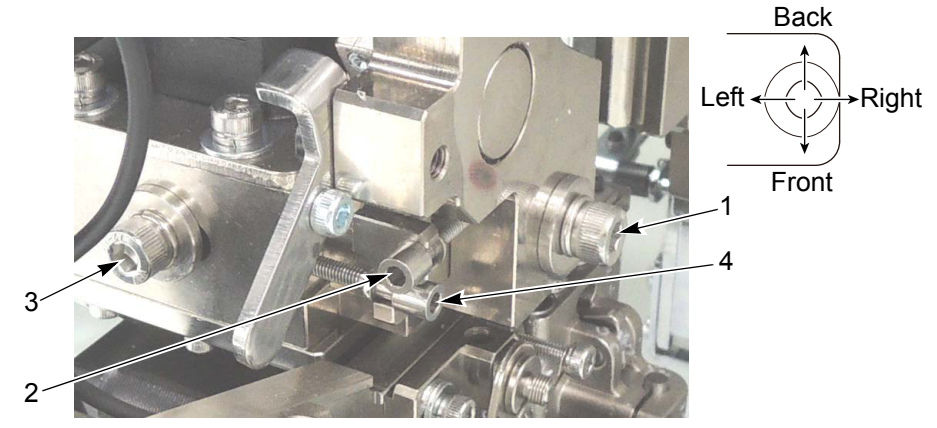
5. Lower the needle bar to check that the needle 6 is located at the center of the hole of the bead 7.

CAUTION
Do not move up/down the device in this state. Doing so may break the needle or other parts.



6. If the beads holder is not aligned with the center, adjust its position.
• Adjustment in the back-and-forth direction: Loosen the screw 1 and use the screw 2 for the adjustment.
• Adjustment in the right-and-left direction: Loosen the screw 3 and use the screw 4 for the adjustment.

After adjustment, tighten the screws 1 and 3.
Do not loosen the screws 1 and 3 at the same time to adjust the position.



7. Raise the needle bar.

8. Set the mode selector switch on the switch box to the "Top (Auto mode)" position. The beads holder returns to the retracting position and the lamp lights up in green.