5-5. Threading the machine head

**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.

1. Turn the handwheel by hand to raise the needle to the highest point.
2. Pass the thread in the order of the numbers as illustrated.
3. Pull out the thread about 10 cm from the needle after passing it through the needle.

5-6. Adjusting the stitch length

1. Turn the stitch length dial 1 in the direction of the arrow so that the number corresponding to the desired stitch length meets the marker dot 2 engraved on the machine arm.
2. Numbers on the stitch length dial are calibrated in "mm".
3. To perform reverse feed stitching, press down the feed lever 3. The sewing machine performs reverse feed stitching as long as you keep the feed lever held pressed. The feed lever will return to its home position and the sewing machine will run in the normal stitching direction when you release the feed lever.

5-7. Adjusting the condensation stitching

Stitch length can be reduced at the start or end of sewing. This feature is used for fastening stitch.

1. Turn condensation stitching adjusting dial 1 in the direction of the arrow mark, and adjust the desired number to engraved dot 2 on the machine arm.
2. The number of the graduation is shown in the unit of mm.
3. Turn condensation stitching adjusting dial 1 in the direction of "+" to reduce the reverse feed stitch length (i.e., the feeding direction gradually changes to the normal one.). "+1" means "normal feed stitch length is 2 mm" and "-4" reverse feed stitch length is 4 mm."
4. The condensation stitching can be adjusted under the normal stitching mode (when the one-touch type reverse feed switch is actuated, the feed will not move in the reverse direction but the normal feed stitch length will be reduced.).

Note that the graduations on the dial are mere reference. So, adjust the condensation stitching while actually attaching the fabric. 

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