Operation manual
for high speed direct drive
automatic lockstitch machine
with built-in energy saving motor

Tronic ONE

Tronic 6

Tronic 7

Tronic 7 NF

texi

CONTENTS

SAFETY PRECAUTION

This instruction manual contains important guidelines regarding correct, safe and economical method of use of the machine. Following recommendations contained in this manual will decrease work down-time, increase machine reliability and durability, and will make work safer.

This instruction manual must always be available at the workplace. The machine can be serviced only by an employee trained in Industrial Safety, after reading this instruction manual.

The supplier is not responsible for damages caused by improper use or by usage of this product for functions other than those it has been designed for.

To minimize the risk of fire, electric shock, or injury, observe the following precautions:

- Keep the workplace clean.
- Pay attention to the machine's work environment; do not subject it to atmospheric conditions.
- Do not install the machine in rooms that are dusty, where aerosols are sprayed, or to which oxygen is supplied.
- Keep the workplace well lit.
- Be careful of danger of electric shock.
- Pay attention to clothing. Let-down hair or loose clothing can be caught by the machine's mobile elements.
- Take care not to damage the power supply cable.
- When the machine is not in use, disconnect it from the power grid.
- Take care not to turn-on the machine accidentally.
- In case of even the slightest damage, always check if the damaged part requires replacement.
- Never install on the machine attachments and accessories other than those recommended by the manufacturer and supplier.
- Do not perform machine modifications independently.
- Do not leave near the machine unattended bystanders or children.

Electric installation

Check if the supply voltage in the electric socket corresponds to the data on the machine's rating plate 1-phase voltage 230V 50Hz.

Check the correctness of electric connections in the plug and electric socket, **observing electric shock safety countermeasures.**

Do not use extension power cords.

Apply the valid electrical and Industrial Safety norms.

ATTENTION – **all work related to the electrical installation must be carried out by a qualified electrician.**

Before starting work

Using machine without any of the safeguarding parts (finger guard, eye guard, etc.) is dangerous to an operator.

During work, only the items necessary for sewing should be found on the machine's work table.

Before connecting the machine to the power grid, always release the pedal and the start button.

Do not use blunt or bent needles.

Do not touch any of the machine's mobile elements, such as the needle, needle bar, thread tensioner or take-up, or hook, during its operation.

Turn machine off before: replacing needle, threading, installing attachments, changing the bobbin or bobbin case.

If you notice any abnormalities in the machine's function, turn it off immediately and inform a mechanic or your superior. After finishing work, turn the machine off and remove the plug from the electric socket. In case of power grid failure, disconnect the machine from the power grid.

This machine is not a toy!

We hope that you will use this machine with pleasure for a long time.

USER'S MANUAL

The lockstitch machine TEXI, model Tronic ONE, Tronic 6, Tronic 7, Tronic 7 NF are high speed sewing machines, designed for sewing knitted materials or other textiles.

Attention!
The machine is not to be used for other materials than those for which it has been designed.
Non-observance of this rule places the user at risk and can cause irreversible damage to the machine.

Before use, the user should become acquainted with this instruction manual, general safety precautions and maintenance instructions.

1. Before starting work

1. After turning-on the machine and during its operation, do not touch the needle or put fingers into the thread take-up guard.
2. During sewing, do not put fingers into the needle guard.
3. Turn power off before tilting the machine head or uninstalling parts.
4. Turn machine off before leaving it unattended.
5. Do not allow hair, loose clothing, fingers or any objects to be in the vicinity of the pulley during machine run.
6. Do not clean the machine with paint thinner.

Technical specifications

Model	Tronic ONE
Application	Light medium materials
Power supply	AC 220 - 240V, 550W
Frequency	50 -60 HZ
Noise level	81 dB(A)
Sewing speed (max)	5000 stitches/min
Maximum stitch length	5 mm
Presser foot raising height	6 mm (standard), 13 mm (max)
Needle	135x5 with tips, appropriate to the type of sewn material
Lubricating oil	Oil for lockstitch machine (recommended: SPIRIT 2)
Net weight	39 kg
Packaging dimensions	685 x 247 x 570 mm

Technical specifications

Model	Tronic 6
Application	Light medium materials
Power supply	AC 220 - 240V, 550W
Frequency	50 -60 HZ
Noise level	81 dB(A)
Sewing speed (max)	5000 stitches/min
Maximum stitch length	5 mm
Presser foot raising height	6 mm (standard), 15 mm (max)
Needle	135x5 with tips, appropriate to the type of sewn material
Lubricating oil	Oil for lockstitch machine (recommended: SPIRIT 2)
Net weight	40 kg
Packaging dimensions	685 x 257 x 595 mm

Model	Tronic 7
Application	Light medium materials
Power supply	AC 220 - 240V, 550W
Frequency	50 -60 HZ
Noise level	81 dB(A)
Sewing speed (max)	5000 stitches/min
Maximum stitch length	5 mm
Presser foot raising height	9 mm (standard), 13 mm (max)
Needle	135x5 with tips, appropriate to the type of sewn material
Lubricating oil	Oil for lockstitch machine (recommended: SPIRIT 2)
Net weight	45 kg
Packaging dimensions	755 x 307 x 656 mm

Model	Tronic 7 NF
Application	Light medium materials
Power supply	AC 220 - 240V, 550W
Frequency	50 -60 HZ
Noise level	81 dB(A)
Sewing speed (max)	4000 stitches/min
Maximum stitch length	4 mm
Presser foot raising height	9 mm (standard), 13 mm (max)
Needle	135x5 with tips, appropriate to the type of sewn material
Lubricating oil	Oil for lockstitch machine (recommended: SPIRIT 2)
Net weight	45 kg
Packaging dimensions	755 x 307 x 656 mm

2. Installation of the oil reservoir

Tronic ONE, Tronic 7, Tronic 7 NF:

1. Fasten the two-armed washer (1) on side A of the oil reservoir (2), in the direction of the operator. Fasten the two-armed washer (3) on side B of the oil reservoir (2), in the direction of the hinges and fasten the reservoir (Fig. 1, Fig. 2).
2. The oil reservoir should rest upon four corners of the cut-out in the machine table-top.
3. Insert hinge (4) and (5) into the opening in the machine head, place machine head on table top with hinge into the recess and fasten it on the washers in the four corners of the reservoir (Fig. 3, Fig. 4).

Attention: In the packaging, the four rubber washers placed in the corners of the oil reservoir, only serve transportation purposes.

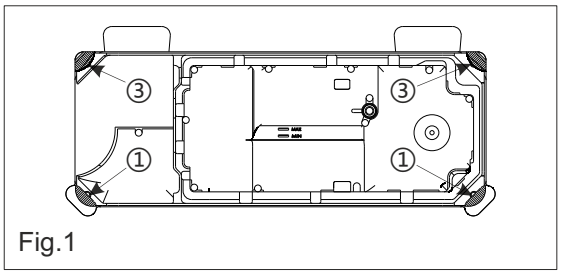


Fig.1

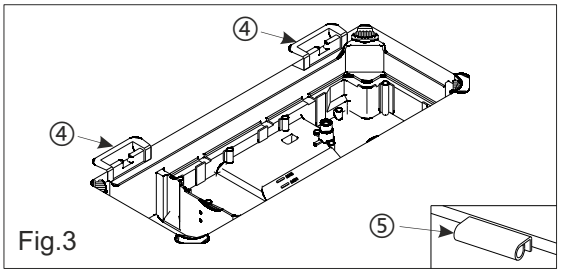


Fig.3

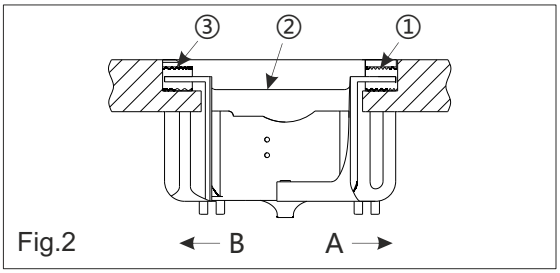


Fig.2

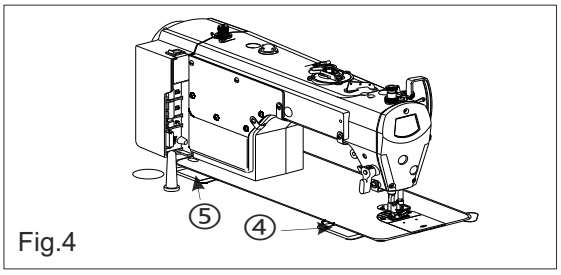


Fig.4

Tronic 6:

1. Fix oil reservoir (2) under the table top (1). Fixed it with 6 screws (3).
2. Fasten washer (4) and (5) in four corner of table top
3. Insert hinge (6) and (7) into the opening in the machine head, place machine head on table top with hinge into the recess and fasten it on the washers in the four corners of the reservoir (Fig. 6, Fig. 7).
4. Insert oil pipe from oil tank on machine head (9) into oil reservoir (10) then fix it with oil pipe clamp (11) (Fig. 8)

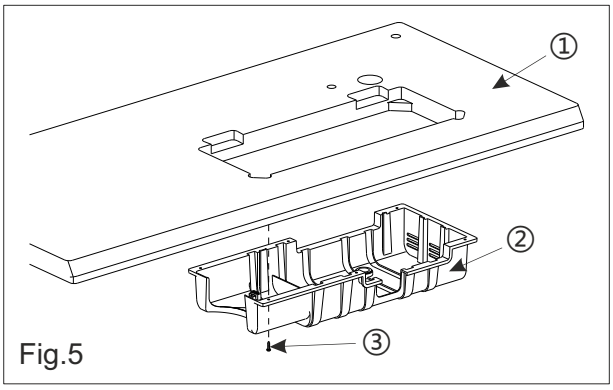


Fig.5

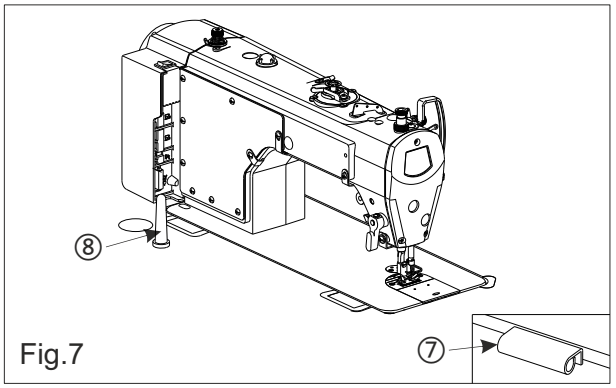


Fig.7

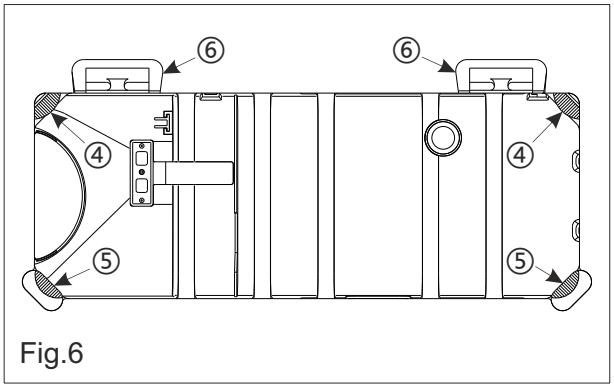


Fig.6

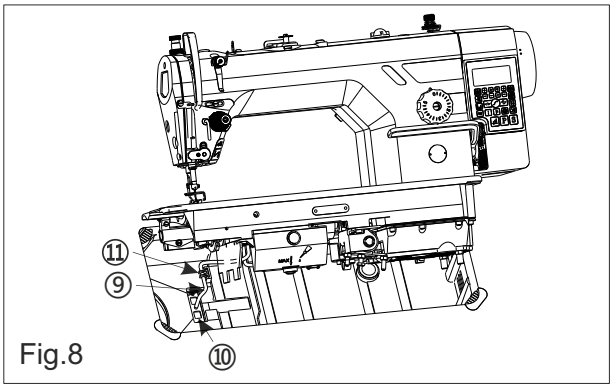


Fig.8

3. Lubrication

Tronic ONE

1. Fill the oil reservoir (1) with high-speed machine oil, up to the level of upper marker A.
2. When the oil level falls to the level of lower marker B, refill the reservoir.
3. During machine operation, oil spatter will be visible in the eye-hole (2).
4. Remember that the amount of oil spatter is not related to the amount of oil in the oil reservoir.

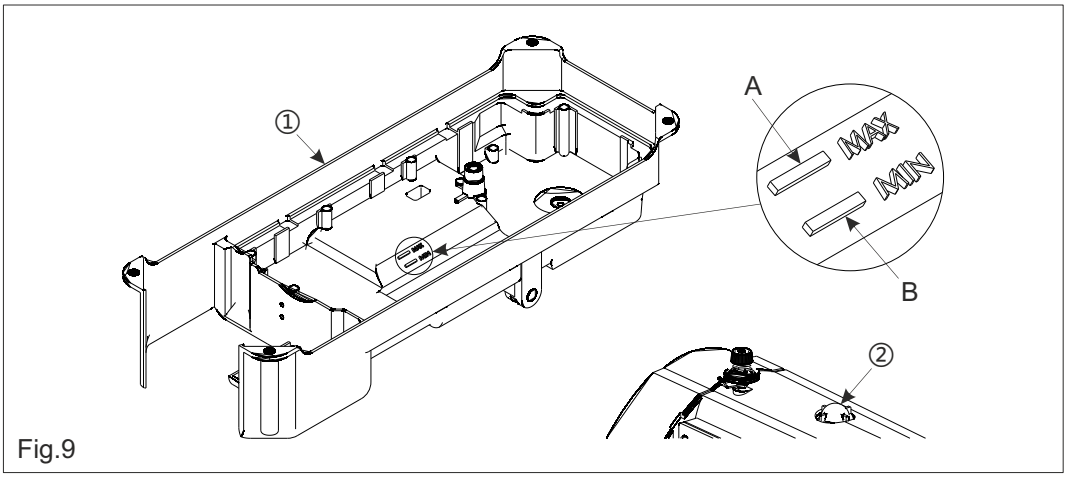


Fig.9

Tronic 6:

1. Lubrication through gearbox

   When oil level is lower than level (2) on oil window (3), refill the oil through gearbox as per below instruction:
   - Remove the ruber plug (1) and fill oil using oil lubricator.
   - Fill oil up to the level of upper marker (3)

   Remarks: Do not fill too much oil as it will flow into machine head when it is tilt.

2. Lubrication through oil tank

   Tilt machine head, remove rubber plug (4) and fill the oil tank using high-speed machine oil up to MAX line.

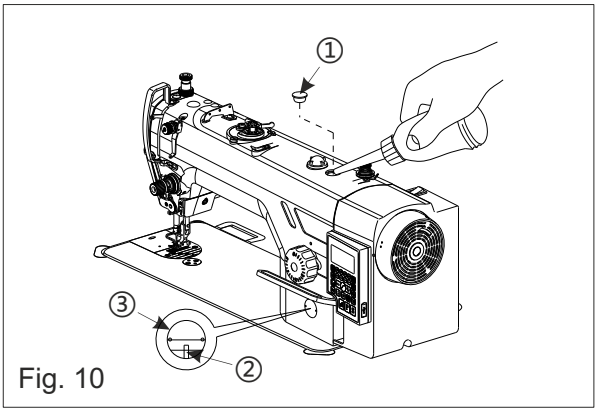


Fig. 10

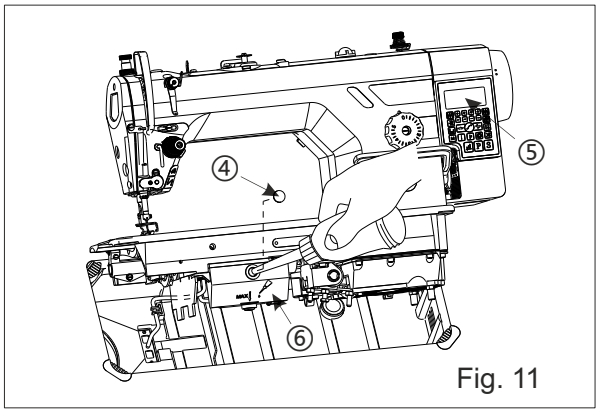


Fig. 11

Tronic 7 and Tronic 7 NF:

Tilt machine head, remove rubber plug (1) and fill the oil tank using high-speed machine oil up to MAX line (2).

Caution: Do not remove rubber plug (3)

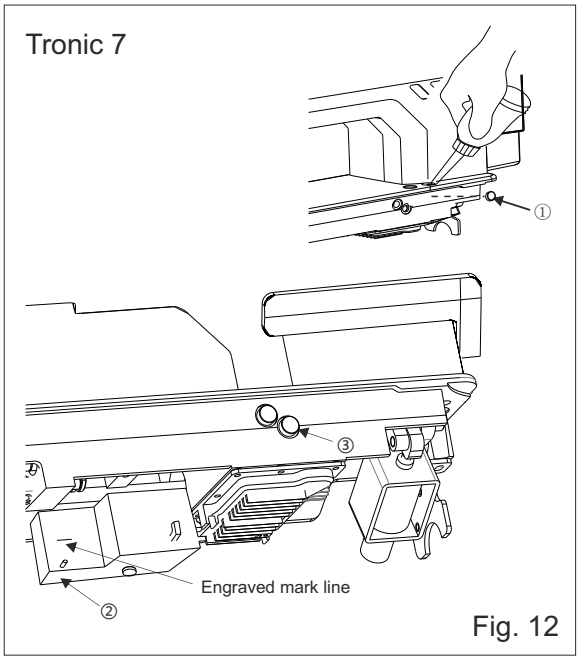


Fig. 12

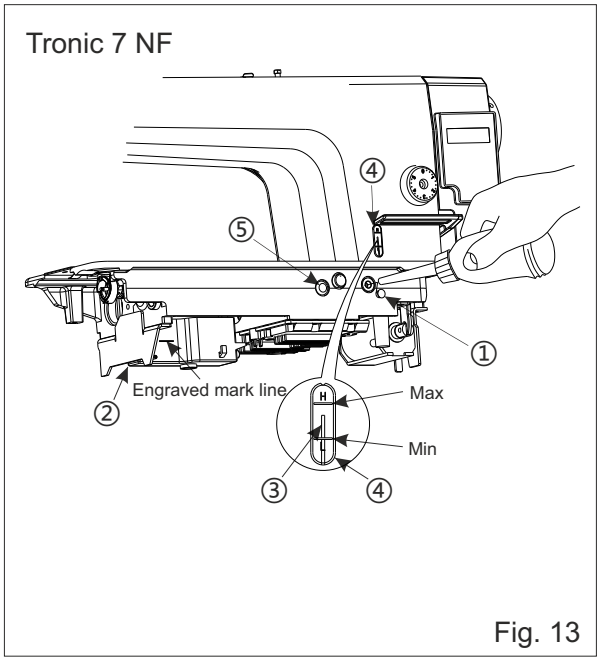


Fig. 13

4. Machine oil level

1. Information about lubrication
   1) During first machine start-up, or after long idle time, it should be started in idle mode (2000 to 2500 rpm for about 10 minutes)
   2) During machine operation, insert a paper oil level indicator under the hook in order to check if the amount of oil dosed to it is correct. Oil level control should be carried out over the course of 5 seconds.
   3) Before starting work, always check if the oil level in the oil reservoir is at the correct level.
2. Regulation of the oil dosage to the hook

   Regulate screw (1) to the right (A) to increase oil amount, turn to left (B) to decrease oil amount.

Tronic ONE:

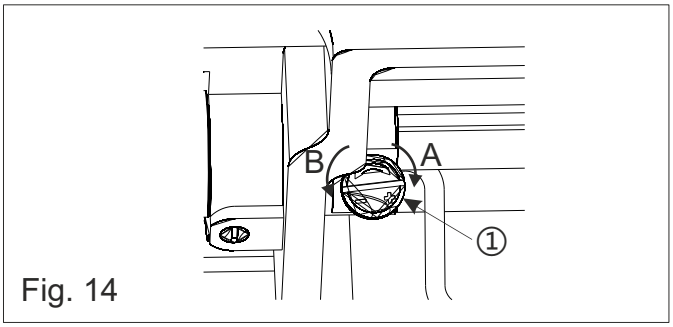


Fig. 14

Tronic 6:

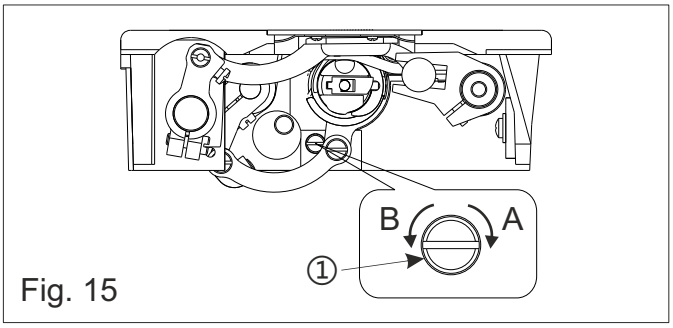


Fig. 15

Tronic 7 and Tronic 7 NF:

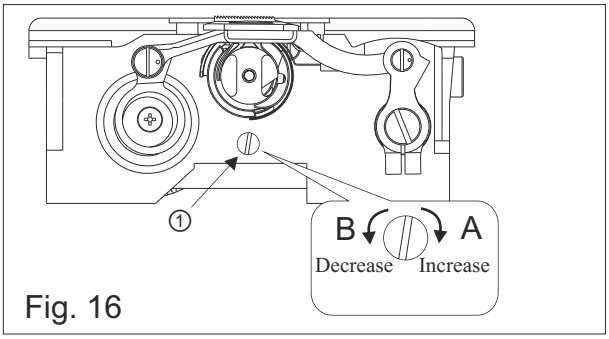


Fig. 16

5. Correct oil dosage to the hook

Tronic ONE, Tronic 6, Tronic 7, Tronic 7 NF:

1. Checking oil dosage, shown below, should be carried out before start of sewing. Take care not to excessively increase/decrease amount of oil in the hook. If there is too little oil, the hook will be subject to excessive heating or seizing up. If there is too much oil, the sewn product can be stained by oil.
2. The amount of oil in the hook must be adjusted in such a way, that it does not change during three checks (on three separate pieces of paper).

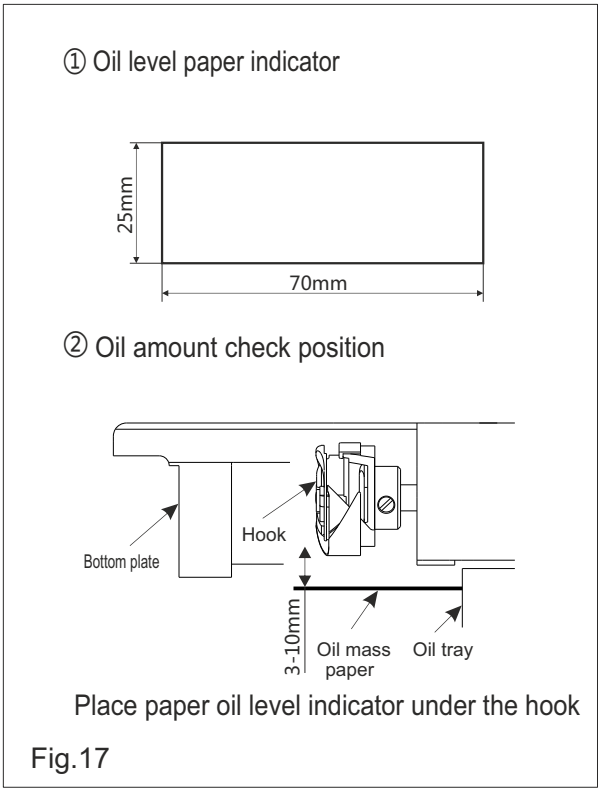


Fig.17

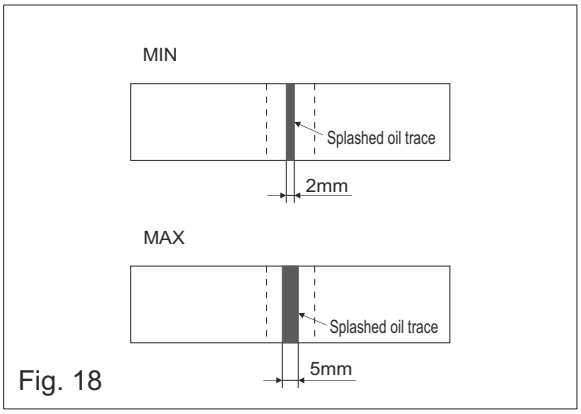


Fig. 18

6. Fastening the needle

Tronic ONE, Tronic 6, Tronic 7, Tronic 7 NF:

ATTENTION: Turn machine off before carrying out the below operations.

Select the needle appropriate to the sewn material.

1. Turn pulley until the needle bar reaches its highest point.
2. Loosen screw (2) and hold the needle with part A directed in direction B.
3. Insert needle into the needle holder, in the direction of the arrow.
4. Check if the needle's long groove C is directed in direction D.
5. Tighten screw securely (2).

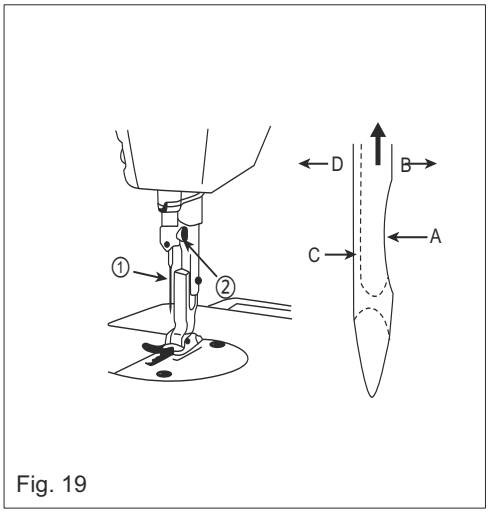


Fig. 19

7. Inserting bobbin into bobbin case

Tronic ONE, Tronic 6, Tronic 7, Tronic 7 NF:

1. Insert the bobbin into the bobbin case so that the thread winds to the left.
2. Lead the thread through the gap and pull it in direction C. This way, the thread will pass under the flat bobbin case spring B.
3. Check that the bobbin rotates in the direction of the arrow, after it is pulled.

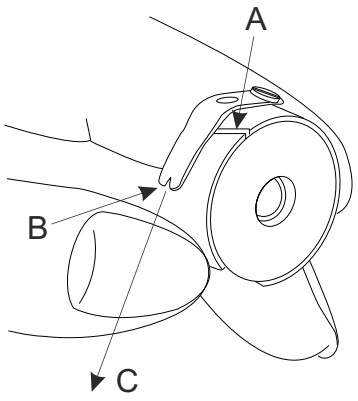


Fig. 20

Installing bobbin case

- Set the needle to up position (above needle plate).
- Hold bobbin and bobbin case (1), and insert it to the hook.

Fig. 21

8. Winding the bobbin

Set the bobbin on to the bobbin winder and wind the thread onto it as shown on the figure

Losen screw (5) to move lever (3) to adjust how much thread will be on the bobbin.

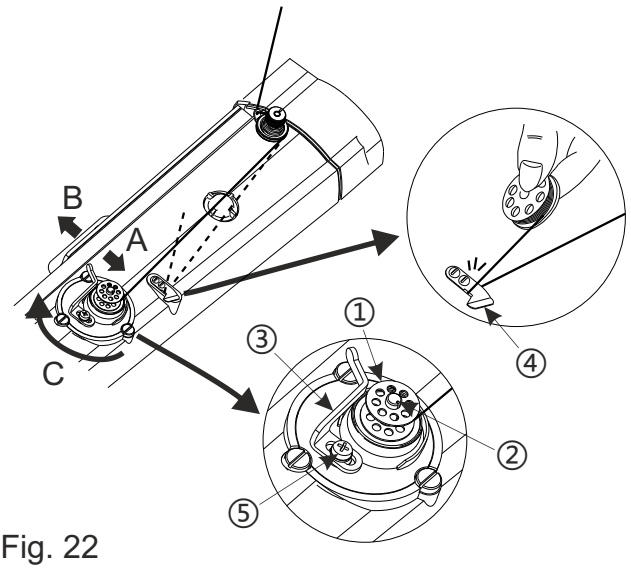


Fig. 22

9. Threading the machine

Before threading, set the needle bar in its highest point. Hold the end of the thread and thread the machine in the following manner:

Tronic ONE, Tronic 7 NF:

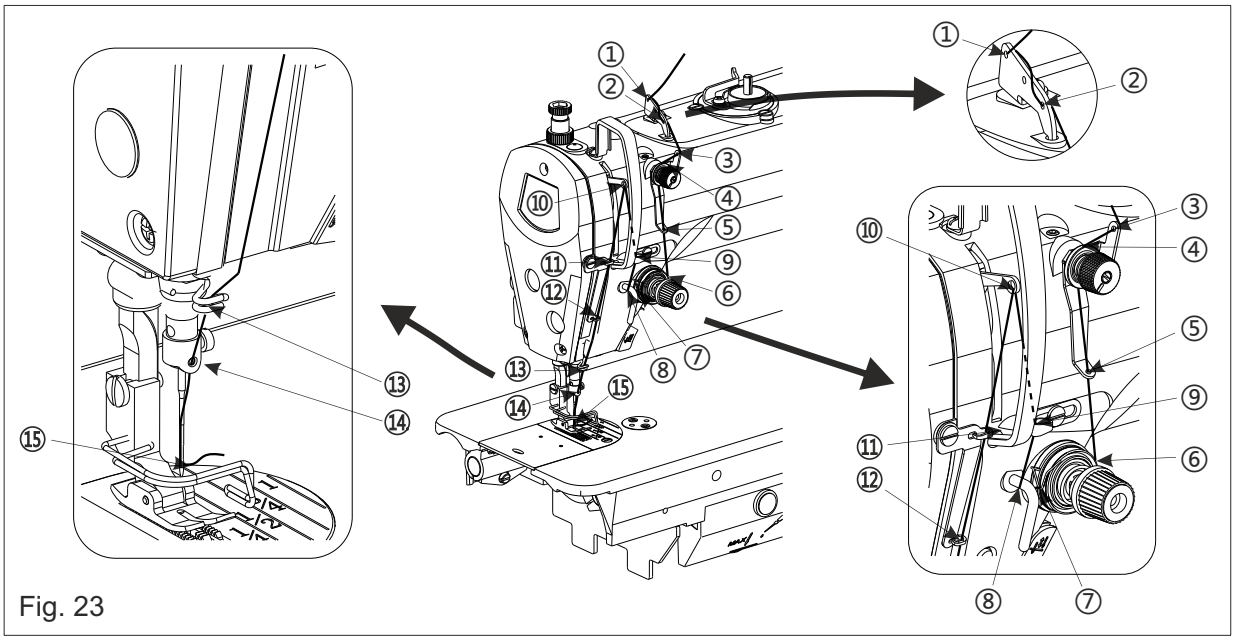


Fig. 23

Tronic 6, Tronic 7:

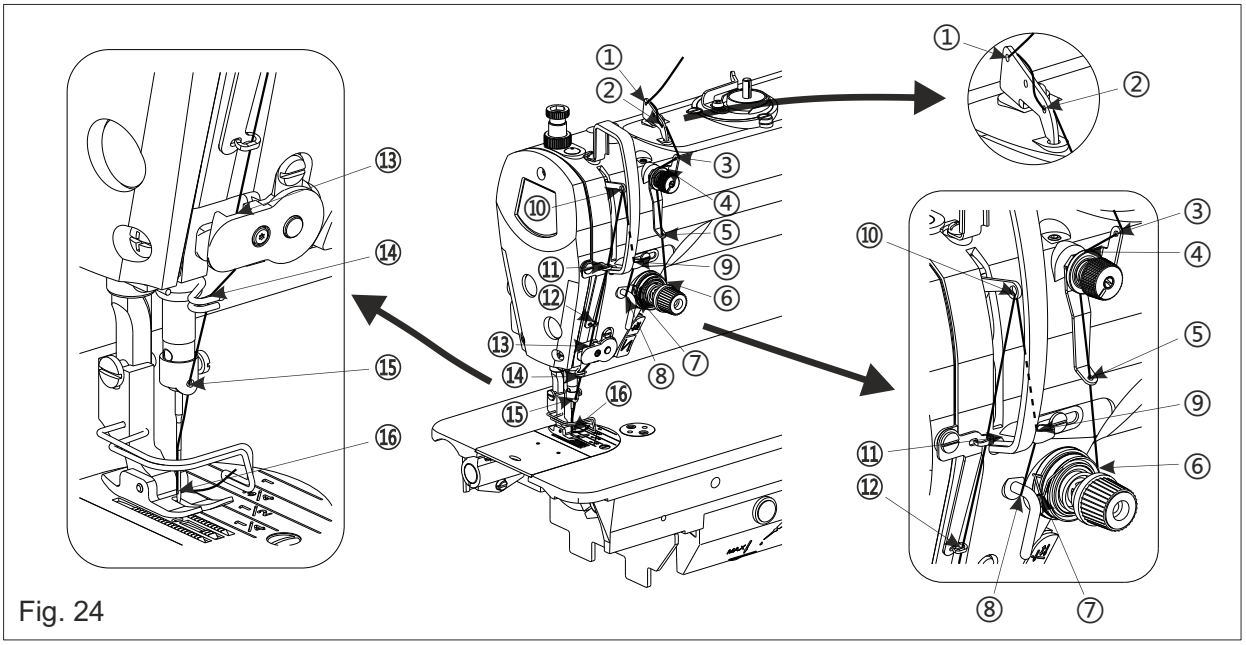


Fig. 24

10. Stitch length regulation

Tronic ONE, Tronic 7 NF:

1. Turn the stitch length regulation dial (1) in the direction of the arrow and set the desired value at indicator A on the machine arm.
2. The wheel has millimeter gradation.
3. In order to decrease stitch length, turn the dial (1) while pressing the reverse sewing lever (B) in the direction of the arrow.

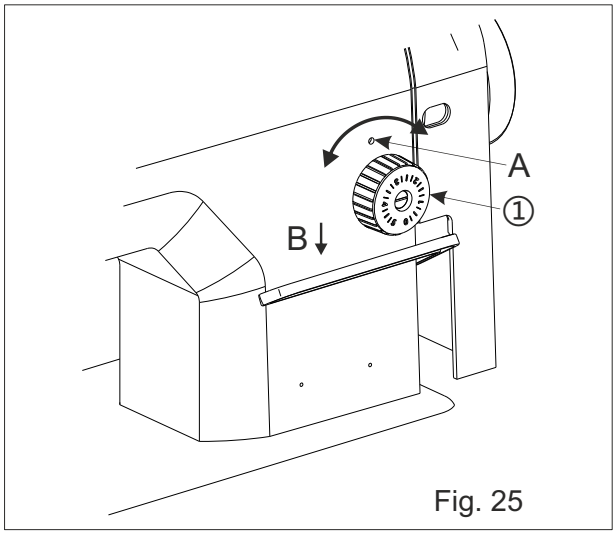


Fig. 25

Tronic 6, Tronic 7:

1. Push and turn the stitch length regulation dial (1) in the direction of the arrow and set the desired value at indicator A on the machine arm.
2. The wheel has millimeter gradation.
3. In order to decrease stitch length, turn the dial (1) while pressing the reverse sewing lever (B) in the direction of the arrow.

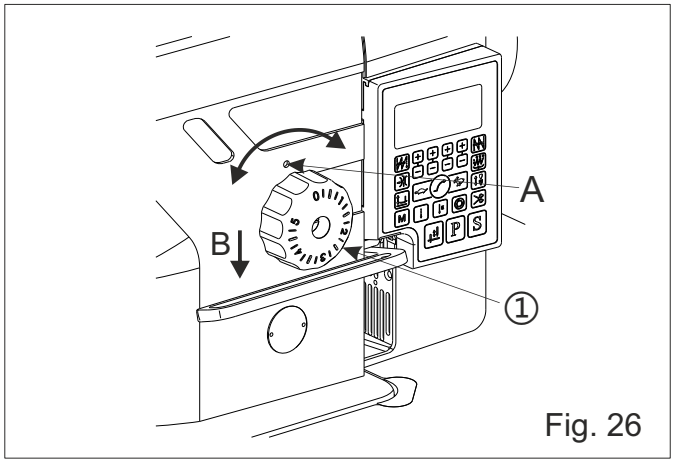


Fig. 26

11. Installing the thread stand

Tronic ONE, Tronic 6, Tronic 7, Tronic 7 NF:

1. Assemble the thread stand and insert it into the opening in the machine table top.
2. Fasten the fixing nut (1) in order to secure the stand.

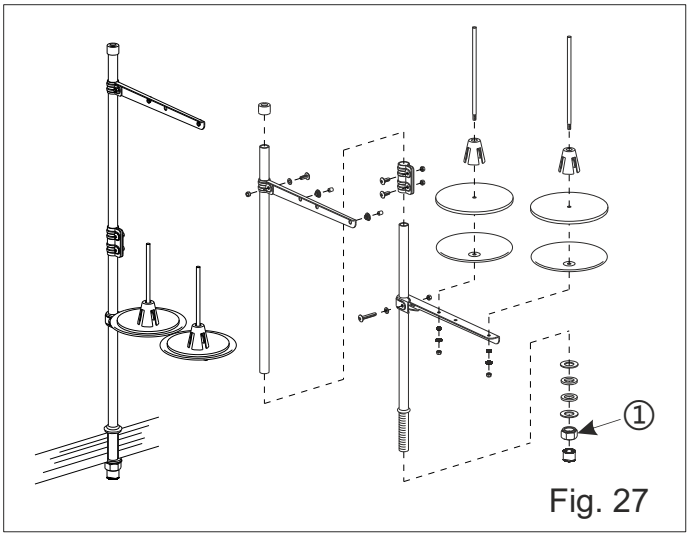


Fig. 27

12. Setting presser foot lifting height using the knee lifter

1. Standard presser foot raising height is equal to 6 mm.
2. It can be increased to 13 mm by means of the regulation screw (1).
   On Tronic 6, unscrew the nut (2), and adjust (rotate) screw (3) to adjust the presser foot height.
3. After setting the foot raising height to over 10 mm, check if the lower end of needle bar (4) does not come into contact with presser foot (5) at its lowest point.

Tronic ONE, Tronic 7, Tronic 7 NF:

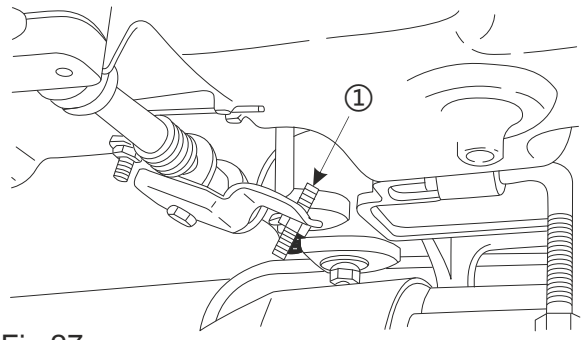


Fig.27

Tronic 6:

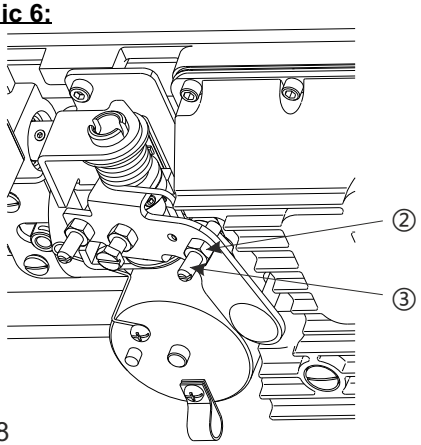


Fig.28

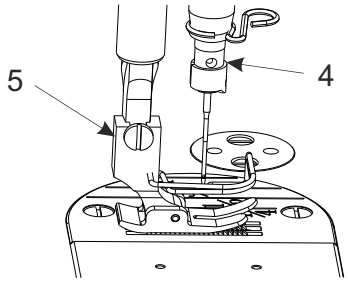


Fig.29

13. Operating the pedal

Tronic ONE:

The pedal works in four stages:

1. After the pedal's front part is pressed lightly, low sewing speed is obtained (position B).
2. When the pedal is pressed more forcefully to the front, speed will increase, reaching a maximum at the lowest point (position A).
3. When the pedal is in its neutral position, the needle stops (in the upper or lower position, position C).
4. If the needle stops in the lower position, the pedal should be pressed in the reverse direction and the needle will be raised (if it is stopped in the upper position, nothing will happen, position D).

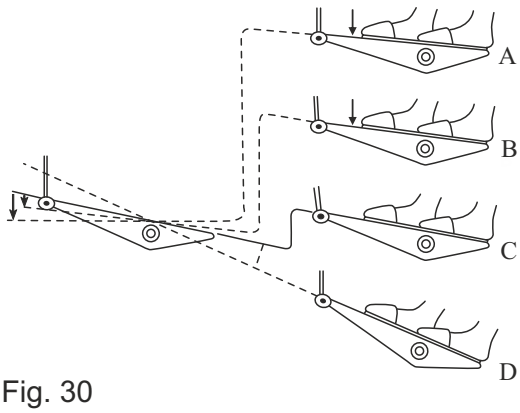


Fig. 30

Tronic 6, Tronic 7, Tronic 7 NF:

These models are equipped with auto foot lifter and auto trimming.
- Press the pedal backward lightly (half of D), to lift presser foot up.
- The machine trims thread when pedal fully pressed (D).

14. Thread tension regulator

Tronic ONE:

1. Adjusting thread tension:
   1) After turning the pressure regulator knob to the right (direction A) pressure will increase.
   2) After turning the knob to the left (direction B) pressure will decrease.

2. Bobbin thread tension adjusting:
   1) After turning the bobbin spring screw (2) to the right (direction C) tension will increase.
   2) After turning the screw to the left (direction D) the tension will decrease.

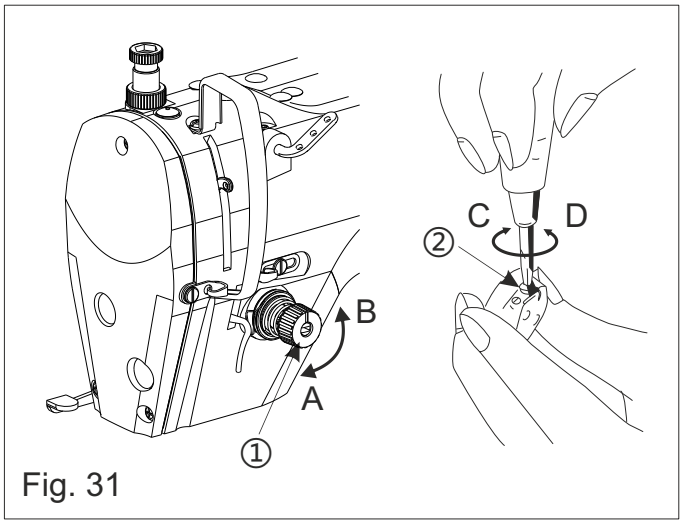


Fig. 31

Tronic 6, Tronic 7, and Tronic 7 NF:

1. Adjusting thread tension:
   1) Turning the pressure regulator knob (2) to the right (direction C) will increase pressure.
   2) Turning the knob (2) to the left (direction D) pressure will decrease.

2. Bobbin thread tension adjustment:
   1) After turning the bobbin spring screw (3) to the right (direction E) tension will increase.
   2) After turning the screw (3) to the left (direction F) the tension will decrease.

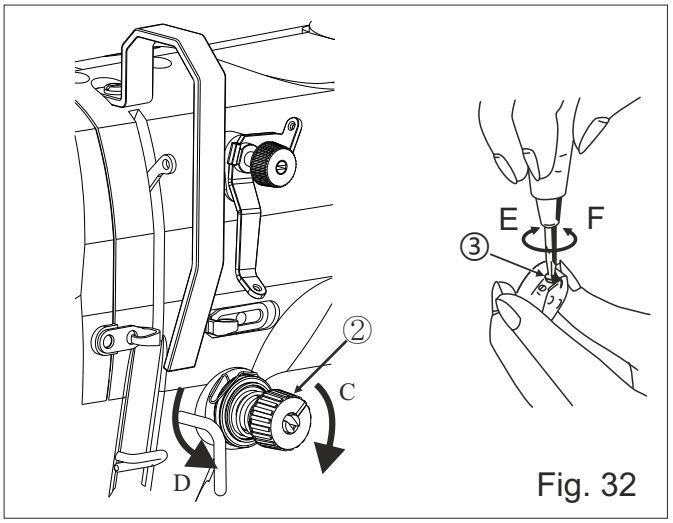


Fig. 32

15. Compensating spring regulation

Tronic ONE, Tronic 6, Tronic 7, Tronic 7 NF:

1. Changing compensating spring stroke (1):
   1) Loose screw (2).
   2) After turning the tension regulation screw (3) to the right (direction A) spring stroke will increase.
   3) After turning the screw to the left (direction B) the stroke will decrease.

2. Changing compensating spring tension (1):
   1) Loosen screw (2) and remove the tensioner from the machine head.
   2) Loose screw (4).
   3) After turning tensioner pin (3) to the right (direction A) thread tension will increase.
   4) After turning the pin to the left (direction B) tension will decrease.

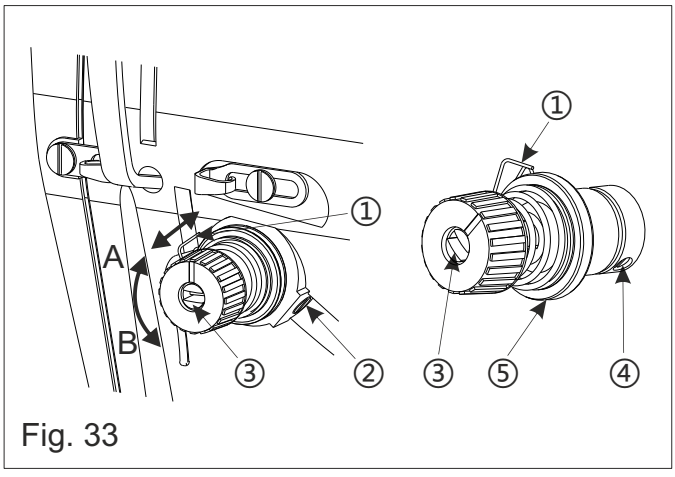


Fig. 33

16. Manual foot lifter

Tronic ONE, Tronic 6, Tronic 7, Tronic 7 NF:

1. In order to rise the foot, the manual lifter (1) should be shifted in direction (A).
2. The foot will rise about 5.2 mm up and stop.
3. The presser foot will return to its original position after shifting the lifter in direction (B).
4. Using the knee lifter, the foot can be raised by 10mm (standard), or at a maximum of about 13mm.

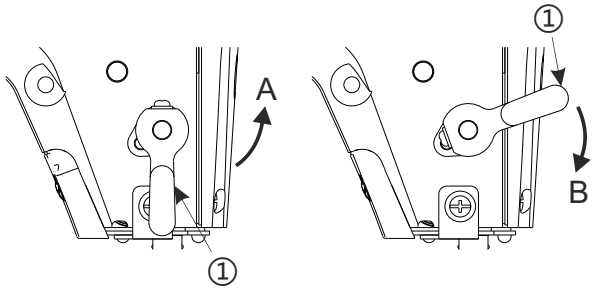


Fig. 34

17. Presser foot regulation

Tronic ONE, Tronic 6, Tronic 7, Tronic 7 NF:

1. Loose nut (2). After turning the pressure regulator to the right (direction A) pressure will increased.
2. After turning the regulator to the left (direction B) pressure will decrease.
3. After regulation, tighten nut (2).
4. For the majority of woven fabrics, the standard height of the pressure spring regulator is equal to 29 to 33 mm.

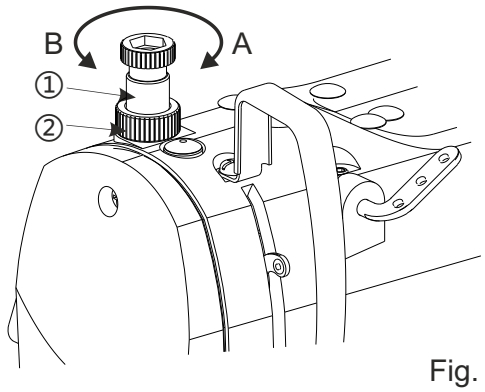
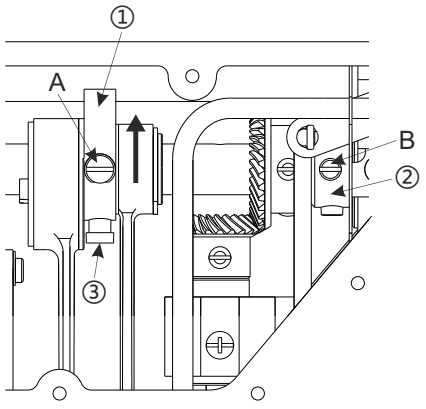


Fig. 35

18. Feed timing

Tronic ONE:

1. Loosen screws (2) and (3) of the eccentric cam (1), place it correctly on the main shaft and tighten screws.
2. In order to accelerate synchronization and ensure even material feeding. The cam should be shifted in the direction of the arrow.
3. In order to delay synchronization and thicken stitching, the cam should be shifted in the direction opposite to the arrow.
4. If the cam is moved too far, the needle may break.



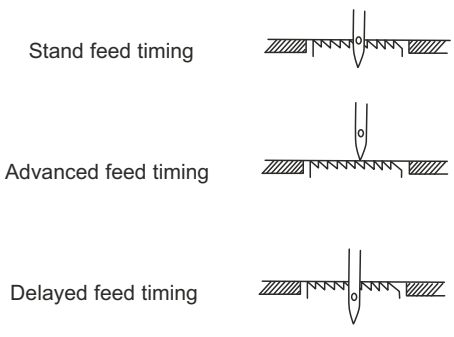


Fig. 36

Tronic 6:

1. Remove rubber plug (1).
2. Losen screws (3) from eccentric cam (2) and shift the cam acording to direction of the arrows.
   Direction A: to accelerate synchronization of feeding - Direction B: to delay synchronization of feeding.
3. After adjustment, tighten the screws and install the rubber plug.

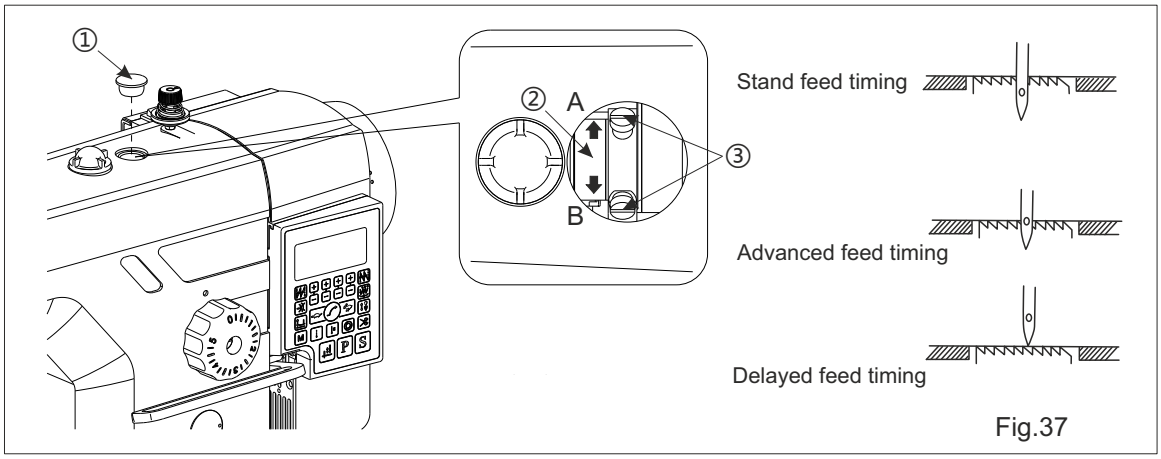


Fig.37

Tronic 7, Tronic 7 NF:

1. Tilt machine head.
2. Losen screws (2) from eccentric cam (1) and shift the cam acording to direction of the arrows.
   Direction A: to accelerate synchronization of feeding - Direction B: to delay synchronization of feeding.
3. After adjustment, tighten the screws.

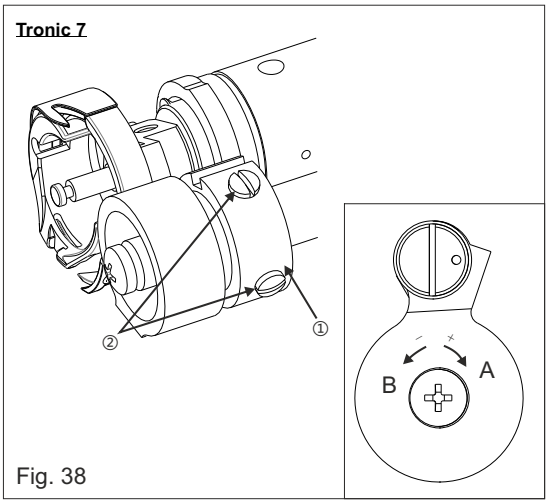


Fig. 38

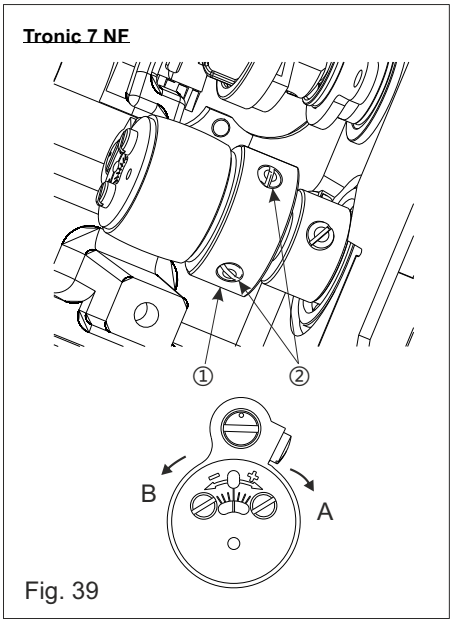


Fig. 39

19. Feed dog height

The feed dog factory setting enables its sliding out over the surface of the needle plate.

Tronic ONE, Tronic 7 and Tronic 7 NF:
- Light - medium materials: 0.75 - 0.85 mm
- medium - heavy materials: 1.15 - 1.25 mm

Tronic 6:
- Light - medium materials: 0.8 - 1.00 mm
- medium - heavy materials: 1.10 - 1.30 mm

Tronic ONE, Tronic 6:

In order to adjust feed dog height:
1. Losen screw (2) of the crank (1)
2. Rotate/slide the feed lifting crank up or down accordingly.
3. Tighten screw securely.

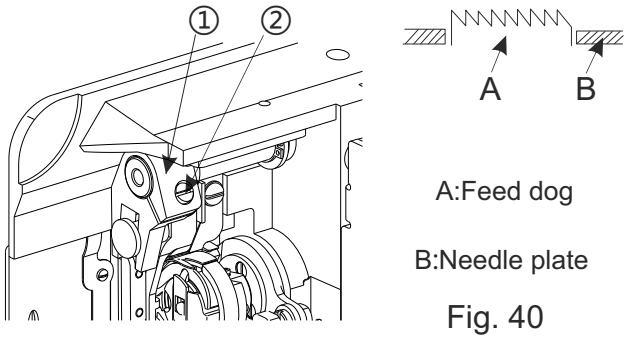


Fig. 40

Tronic 7 and Tronic 7 NF:

1. Losen screws (2) and (4)
2. Adjust height of feed dog by turning both shafts (1) and (3) using screwdriver.
3. Tighten screws securely.

Tronic 7:

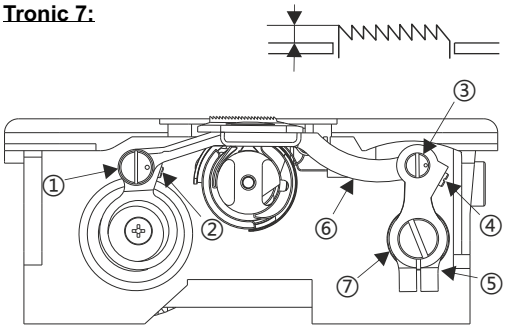


Fig. 41

Tronic 7 NF:

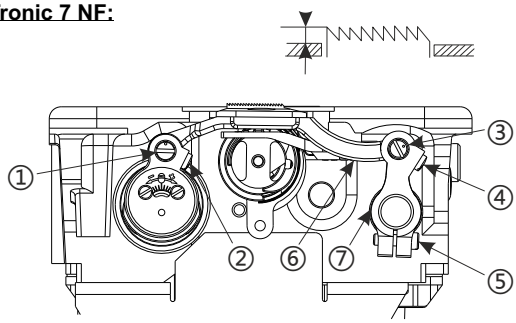


Fig. 42

20. Feed dog tilting

To tilt the feed dog loosen screw (1) and turn screw (3) to A (lower front) and B (raised front) direction.

Attention:

After this regulation feed dog height is changed, and should be re-checked.

Tronic ONE and Tronic 6:

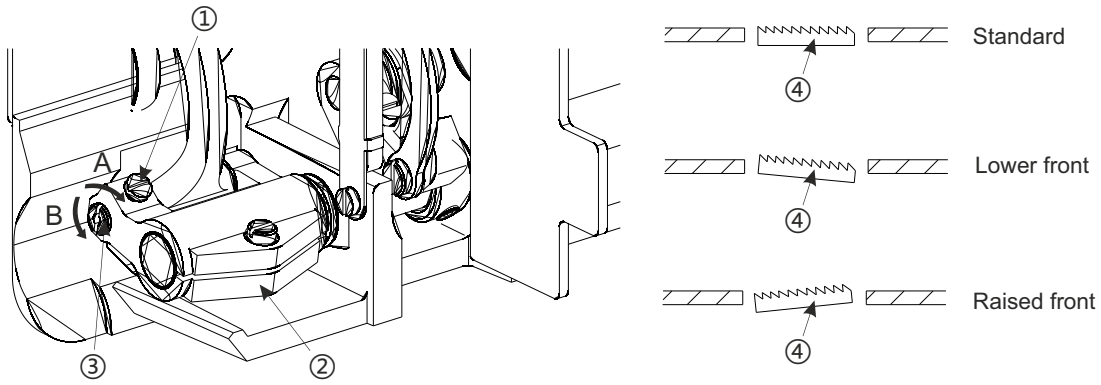


Fig. 43

Tronic 7 and Tronic 7 NF:

After tilting the feed dog, regulating screws (1) and (2) will adjust the height of feed dog

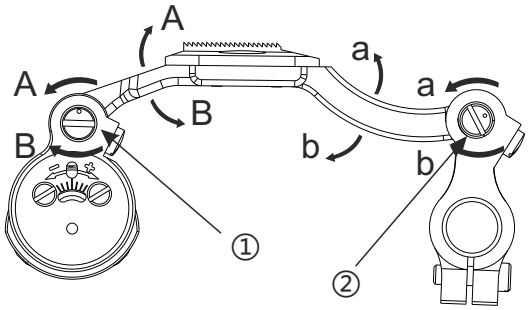


Fig. 44

21. Needle bar and hook regulation

Tronic ONE:

1. Turn pulley until the needle bar is located in its lowest point and loosen screw (1).
2. Align marker line A on the needle bar with the lower end of the needle bar sleeve (3) and tighten screw (1).
3. Loosen the three hook screws, turn pulley and level lower marker line B on the needle bar (2) with the lower end of the needle bar sleeve.
4. After carrying out the above adjustment, level the hook tip (5) with the center of the needle. Set interval from 0.04 to 0.1 mm between the needle and the hook and tighten hook screws securely.

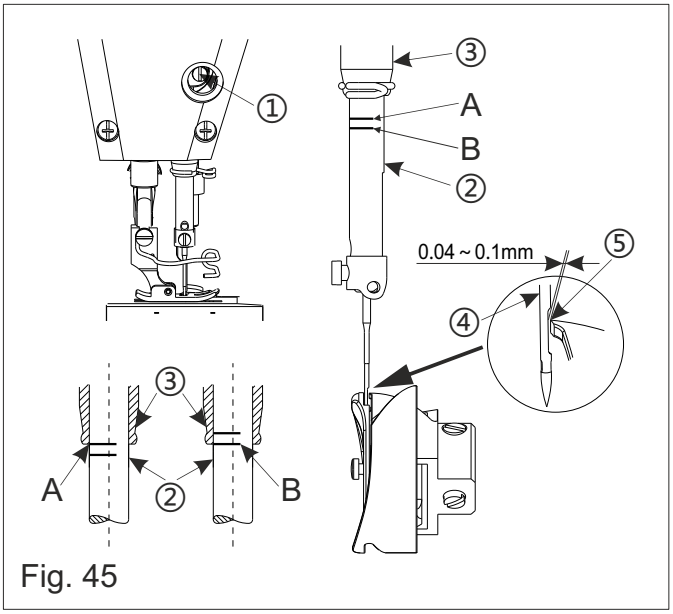


Fig. 45

Tronic 6:

Needle bar regulation:
1. Turn pulley until the needle bar (1) is located in its lowest point and losen screw.
2. Remove rubber cap (2).
3. Unscrew (3) and adjust the height of needle bar (1) up and down to the same level as B line.

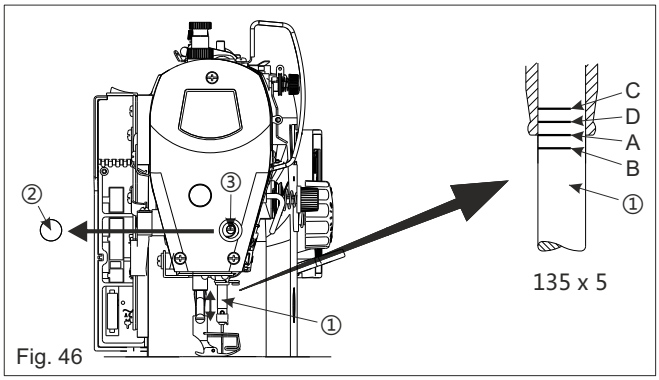


Fig. 46

Hook regulation:
1. Unscrew (1) and turn pulley to lift needle bar to its lowest position (line B).
2. Move hook to match hook point (3) with center of needle (4) with 0 - 0.05 mm distance.
3. Tighten screws (1)

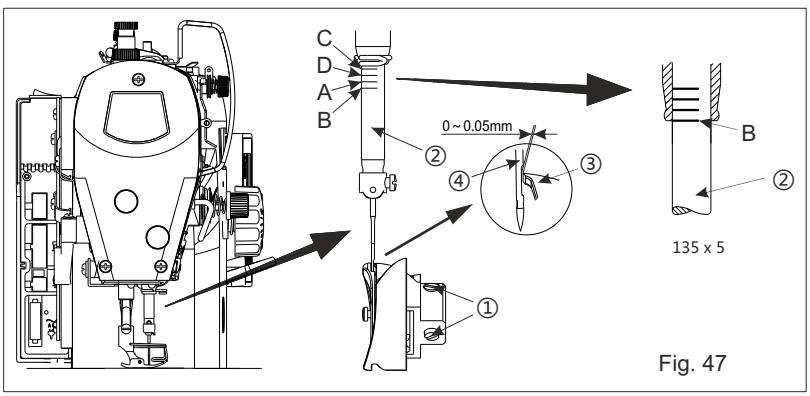


Fig. 47

Tronic 7 and Tronic 7 NF:

1. Turn pulley until the needle bar is located in its lowest point and loosen screw (1).
2. Align marker line A on the needle bar with the lower end of the needle bar sleeve (3) and tighten screw (1).
3. Loosen the three hook screws, turn pulley and level lower marker line B on the needle bar (2) with the lower end of the needle bar sleeve.
4. After carrying out the above adjustment, level the hook tip (5) with the center of the needle. Set interval from 0.04 to 0.1 mm between the needle and the hook and tighten hook screws securely.

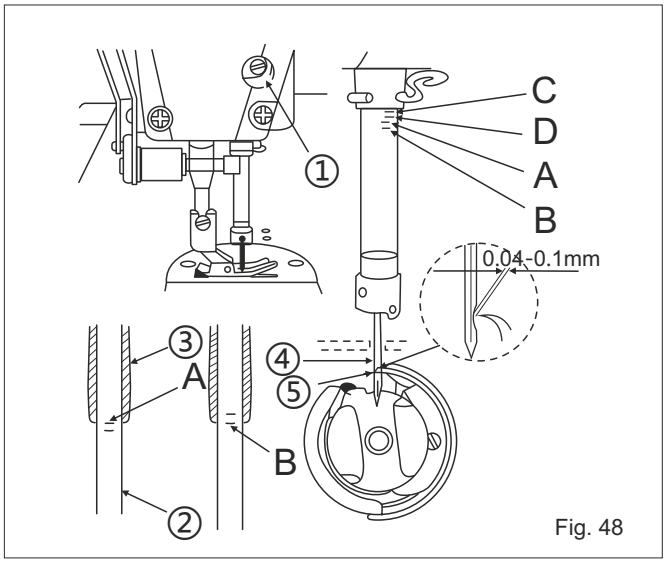


Fig. 48

22. Foot bar height regulation

Tronic ONE, Tronic 6, Tronic 7, Tronic 7 NF:

1. Loosen screw (1). Set the height and angle of the presser foot.
2. After setting, tighten screw (1).

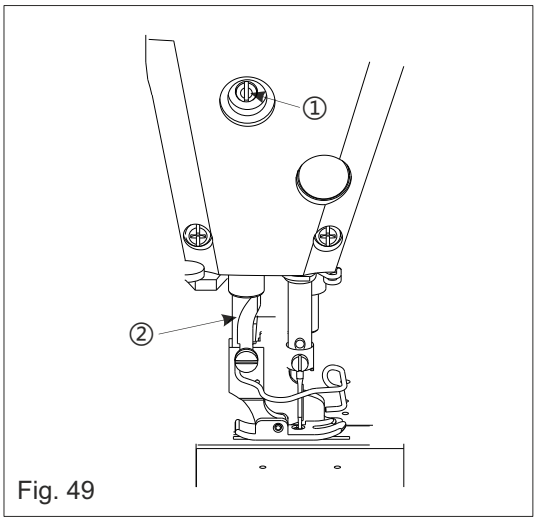


Fig. 49

To adjust the angle of presser foot can be done:
1. Losen nut (2) and screw (1) to free the presser of presser foot.
2. Open rubber plug (3)
3. Losen screw (4) and move rod (5) up and down to adjust the height and angle of presser foot (standard height is 5.5 mm).
4. Tighten all screws securely after adjustment.

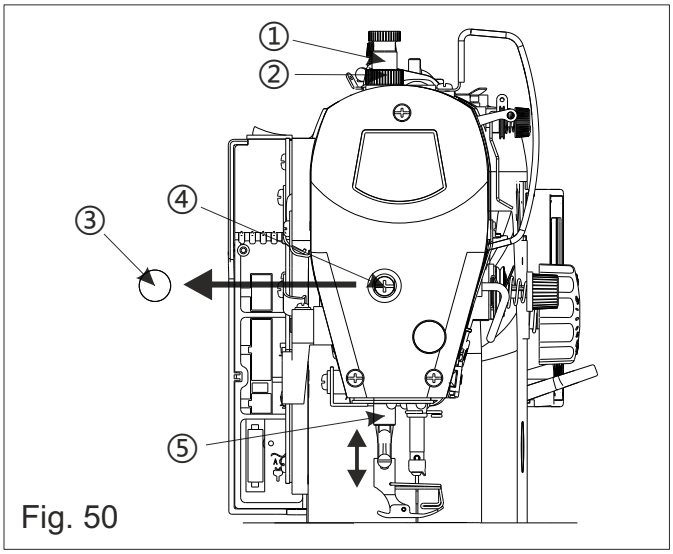


Fig. 50

23. Thread guide regulation

Tronic ONE, Tronic 6, Tronic 7, Tronic 7 NF:

1. During sewing light materials, the thread guide (1) should be moved to the right (direction B) in order to increase the length of thread pulled by the thread take-up.
2. During sewing of thick materials, the thread guide (1) should be moved to the left (direction A) in order to decrease the length of thread pulled by the thread take-up.
3. Normally, the thread guide (1) is set so that the marker line (C) is leveled with the line on the screw.

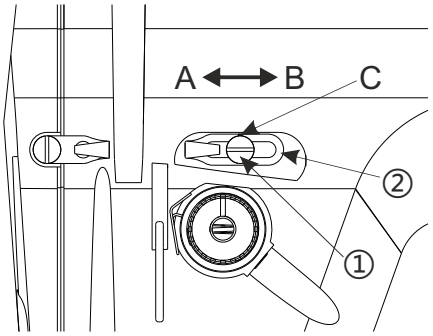


Fig. 51

24. Changing pedal pressing force

Tronic ONE, Tronic 6, Tronic 7, Tronic 7 NF:

1. Changing pedal pressing force:
   1) Remove spring (1).
   2) Place the spring in the left groove in order to decrease pressure.
   3) Place the spring in the right groove in order to increase pressure.
2. Setting pedal return force:
   After tightening screw (2) pedal return force will increase; after loosening, it will decrease.

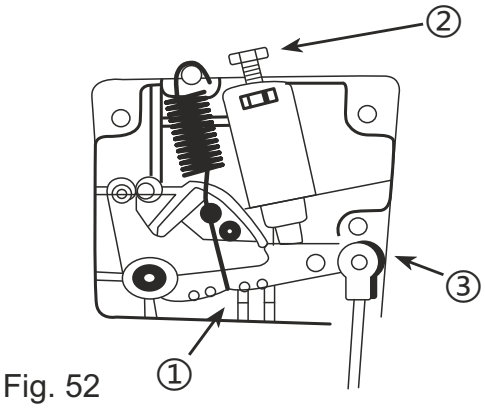


Fig. 52

25. Pedal regulation

Tronic ONE, Tronic 6, Tronic 7, Tronic 7 NF:

1. Tension rod regulation:
   Shift pedal to the right or left according to the arrows so that the motor control lever and tension rod are aligned.
2. Pedal angle regulation:
   1) Pedal angle can be set at will by changing the tension rod length.
   2) Loosen regulation screw and set tension rod length.

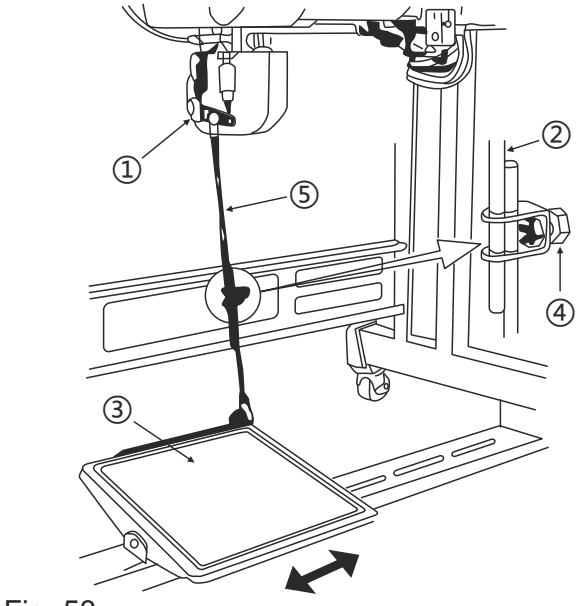


Fig. 53

26. Reverse stitching button

Tronic 6 and Tronic 7:

1. Reverse stitch button:
When button (1) is pressed, the machine performs reverse stitch. It will remain working as long as this button being pressed.

2. Reinforce sewing stitch
Press button (2) to have additional stitch (forward).

3. Switch on the light by pressing button (3)

REMARKS:
For Tronic 1 - available reinforce sewing stitch button and button for light.

For Tronic 7 NF - available reverse stitch button and button for light adjustment.

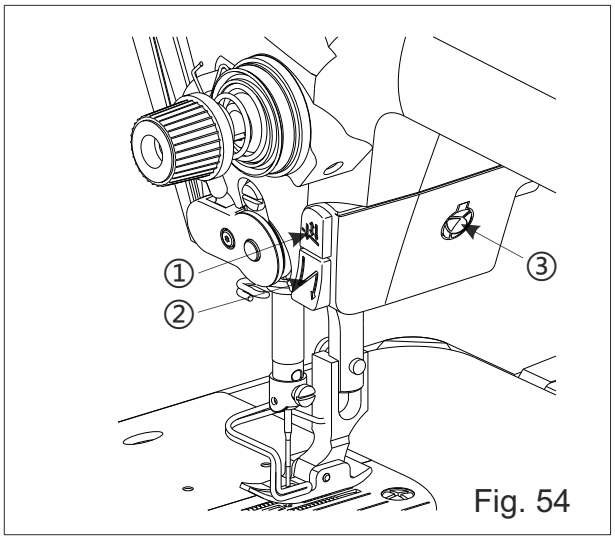


Fig. 54

27. Needle stop position adjustment

Tronic 7 and Tronic 7 NF:

1. Needle position after trimming:
- The needle position adjustment is available on Parameter 75.
- On Tronic 7: the needle position can be checked through the dots on hand-wheel by aligning marker dot A on the pulley cover with white dot B on the hand wheel.

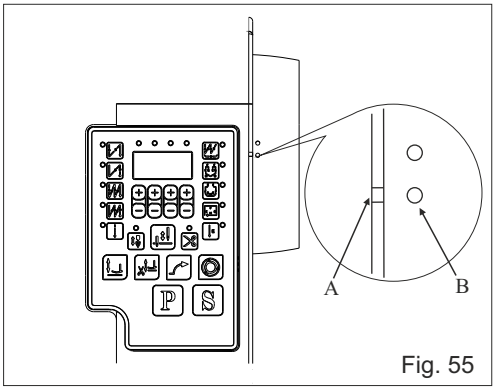


Fig. 55

2. Lower needle stop position
The lower needle stop position when pedal is on neutral position can be adjusted through Parameter 69.

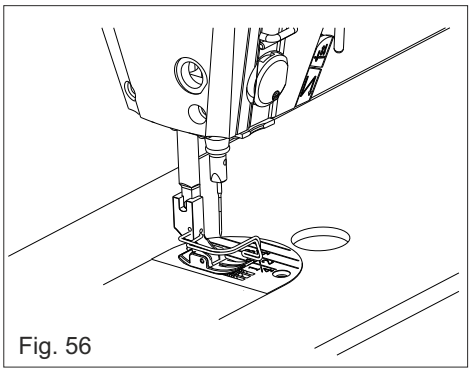


Fig. 56

28. Adjustment of the upper thread length after trimming

Tronic 6, Tronic 7, Tronic 7 NF

During thread trimming, the clamp (1) is responsible to the tension and length of the thread after trimming.
When the tension added, the thread trimming will be shorter and vice versa.
To adjust this tension, turn the clamp (1) into direction A (decrease tention) and direction B (increase tension).

The standard length of upper thread after trimming is between 25-30 mm.

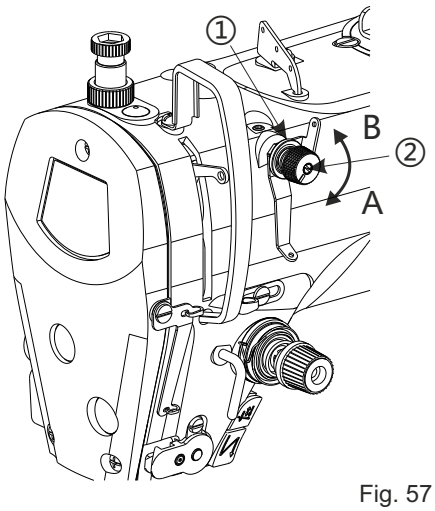


Fig. 57

29. Replacing knives

1. Counter knife
- Tilt the machine head, unscrew (1) and remove positioning hook (2).
- Unscrew (3) and remove fixed knife (4)

Tronic 6:

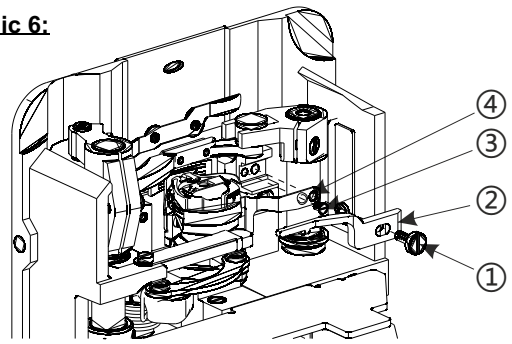


Fig. 58

Tronic 7, Tronic 7 NF:

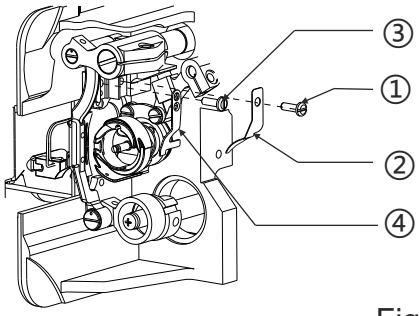


Fig. 59

If the fixed knife is dull, sharpen it using grinding stone as shown on fig. 59 no. 4 and 5.

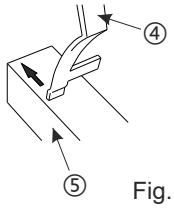


Fig. 60

2. Moving knife
- Remove the needle, lift presser foot, and set the needle bar at the highest position,
- Unscrews (1) and remove needle plate (2)
- Tilt machine head
- Push thread-trimming driving crank lever (3) in the drection of arrow until screw (4) is exposed.
- Unscrews (4) and remove moving knife (5).

Tronic 6:

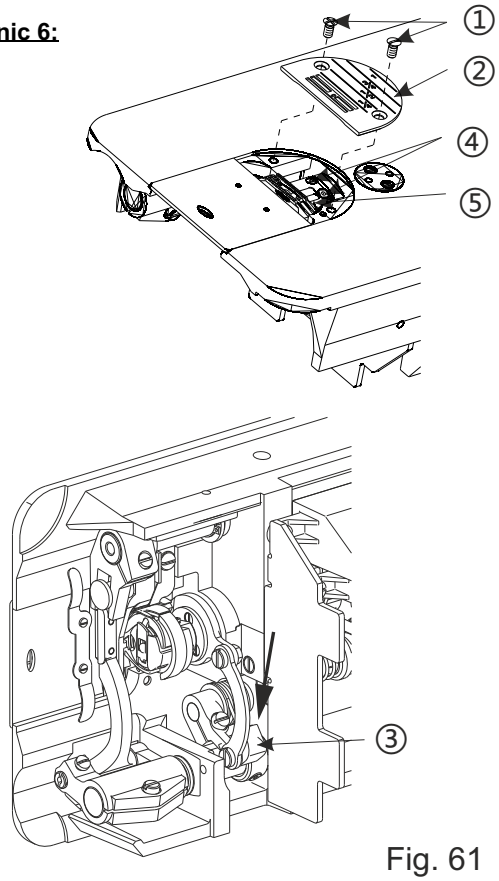


Fig. 61

Tronic 7, Tronic 7 NF:

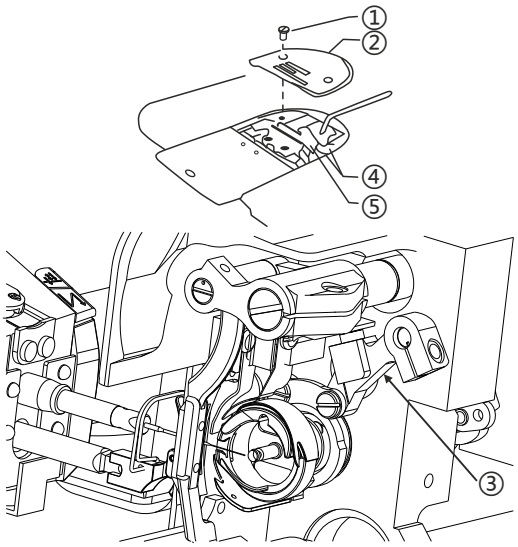


Fig. 62

30. Adjustment of thread trimmer device

Thread cutter cam position regulation

Turn the machine's pulley. The needle bar will rise to 5 mm from the lowest point, and the thread cutting cam will be pressed in and will push the roller ball, causing contact with the groove of the thread cutting cam (1). Then use fixing screw (2) for temporary fastening. Put on the thread cutting cam (4) while loosening screw (2) in order to set the cam (1). The distance between the cam and the thread cutting drive shaft should be equal to 0.5 mm. Fasten the fixing screw (2).

Counter knife and moving knife position regulation

When the thread cutting drive shaft head (3) cross the cam, a 0.2 – 0.5 mm meshing between the front plane of the counter knife (8) and the edge of the moving knife (7) occurs. If cutting does not take place, shift the knife lever (6) so that the thread cutting drive shaft crosses the cam (1) so that the front plane of the counter knife (8) and the edge of the moving knife (7) meshes, and then fasten screw (5).

Tronic 6:

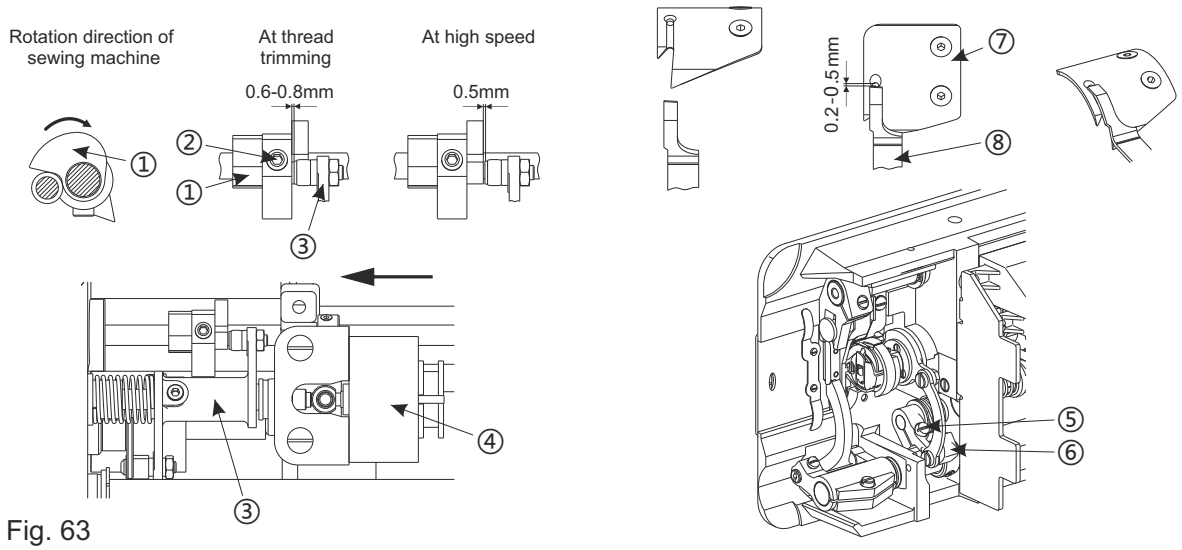


Fig. 63

Tronic 7, Tronic 7 NF:

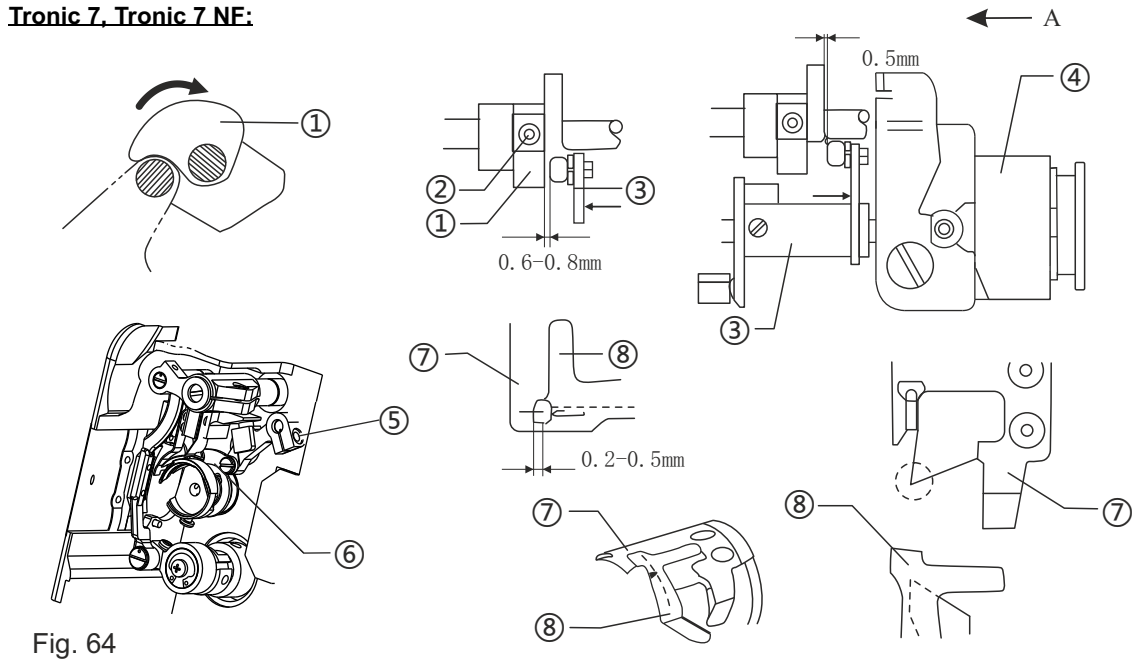


Fig. 64

31. Maintenance

- Unscrew (1) and remove needle plate (2). Remove dust on feed dog and thread trimmer unit with soft brush or cloth.

- Tilt machine head and remove bobbin case. Wipe o ffany dust from rotary hook with soft cloth.

- Remove bobbin from bobbin case and clean bobbin case using soft cloth.

Re-install all parts after cleaning.

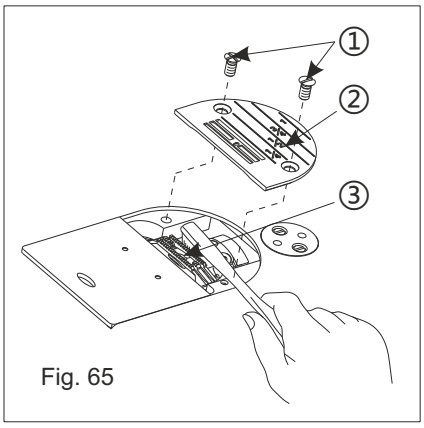


Fig. 65

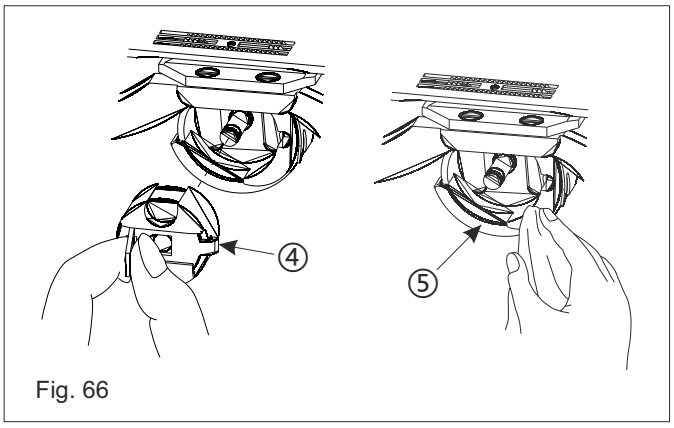


Fig. 66

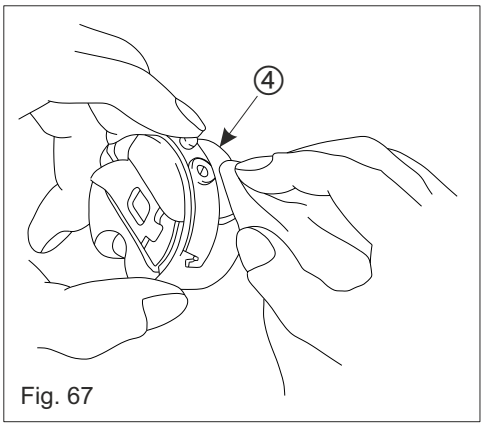


Fig. 67

32. Carrying and placing sewing machine

Carry the sewing machine with two persons as shown in the figure.
Caution: Do not hold the hand-wheel.

Caution when placing the sewing machine
Put machine head on plain area, clear from tools (ex/: screwdriver etc) on the place where the machine head will be put.

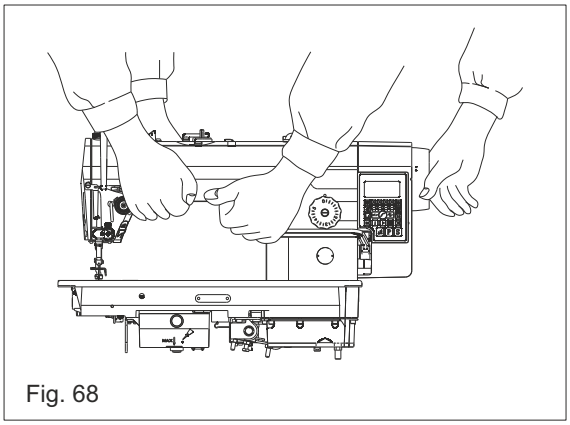


Fig. 68

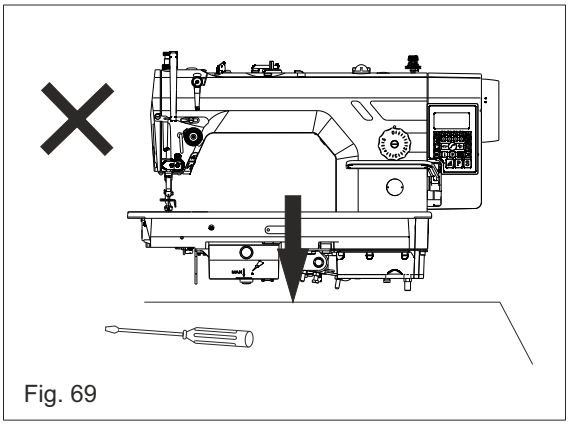


Fig. 69

33. Ask your supplier about:

	Machine needle with tip adjusted to sewed material: R - round, standard tip for most fabrics SPI - very slim, acute tip, for a precise piercing of densely woven materials SES - light ball point, especially suitable for jersey, tricot, elastic woven materials SUK - medium ball point, best corsetry, jeans, coarse knitted fabrics, and also elastic materials
	SPIRIT 2 Non-toxic, non-staining, odourless, colourless oil, neutral for plastics. Perfect for lubricating sewing machines (lockstitch, overlock, interlock, etc), needles, knitting cams and other precise mechanism in the textile industry.
	SPIRIT 37 Silicon fluid modified especially for textile industry. Used for preparation of sewing thread and yarn, lubrication of knitting machines needles. Colourless and odourless. Applied with brush, sprinkle or through immersion.
	TWE6 Tweezers

CE DECLARATION OF CONFORMITY

Distributor:

Strima Sp. z o.o.

Swadzim, st. Poznańska 54

62-080 Tarnowo Podgórne, Polska

We declare, that the following product:

Lockstitch machine

Texi Tronic ONE	(ZJ9513G/02)
Texi Tronic 6	(ZJ9000DA-D4)
Texi Tronic 7	(ZJ9813AR-D4J/01)
Texi Tronic 7 NF	(ZJ9903AR-D3B/01)

which this declaration relates, complies with the following directives:

Machinery directive 2006/42/EC

Low voltage directive 2014/35/EU

Harmonized norm used: EN 60204-31:2013

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Dealer: