

SERVICING MANUAL

Memory Craft Compulock II

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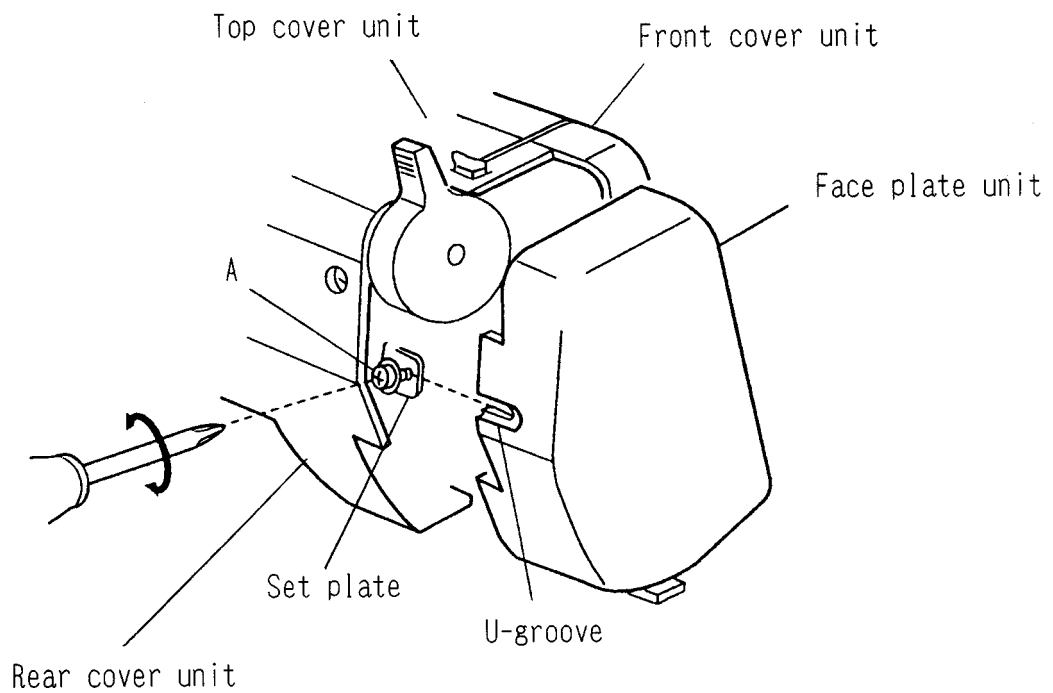
TO REMOVE AND ATTACH THE FACE PLATE UNIT

To remove:

1. Loosen the screw A, and remove the face plate unit.

To attach:

2. Fit the U-groove of face plate between the screw A and set plate, put the rib of face plate into the front cover unit, the rear cover unit and the top cover unit and tighten the screw A.



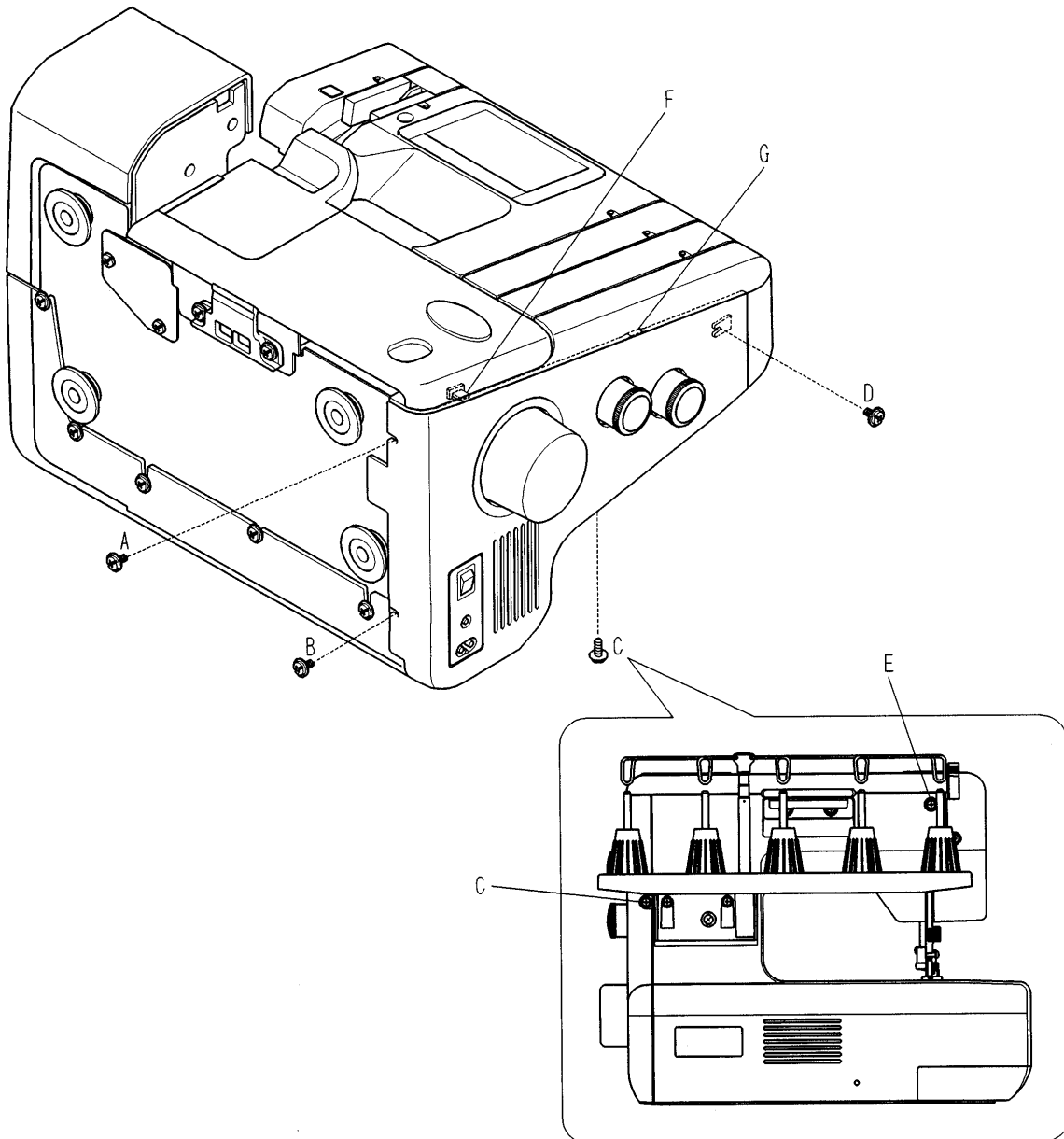
TO REMOVE AND ATTACH THE BELT COVER AND THE TOP COVER UNIT

To remove:

1. Remove the screws A, B and C.
2. Remove the belt cover.
3. Loosen the screws D and E.
4. Remove the top cover unit.

To attach:

5. Attach the top cover unit.
(The projection on the front side of the top cover should match with the front cover unit.)
6. Tighten the screws D and E.
7. Attach the belt cover.
(Projections F and G on the belt cover should match with the front cover unit, as shown.)
8. Tighten the screws A, B and C.



TO REMOVE AND ATTACH THE FRONT COVER UNIT

To remove:

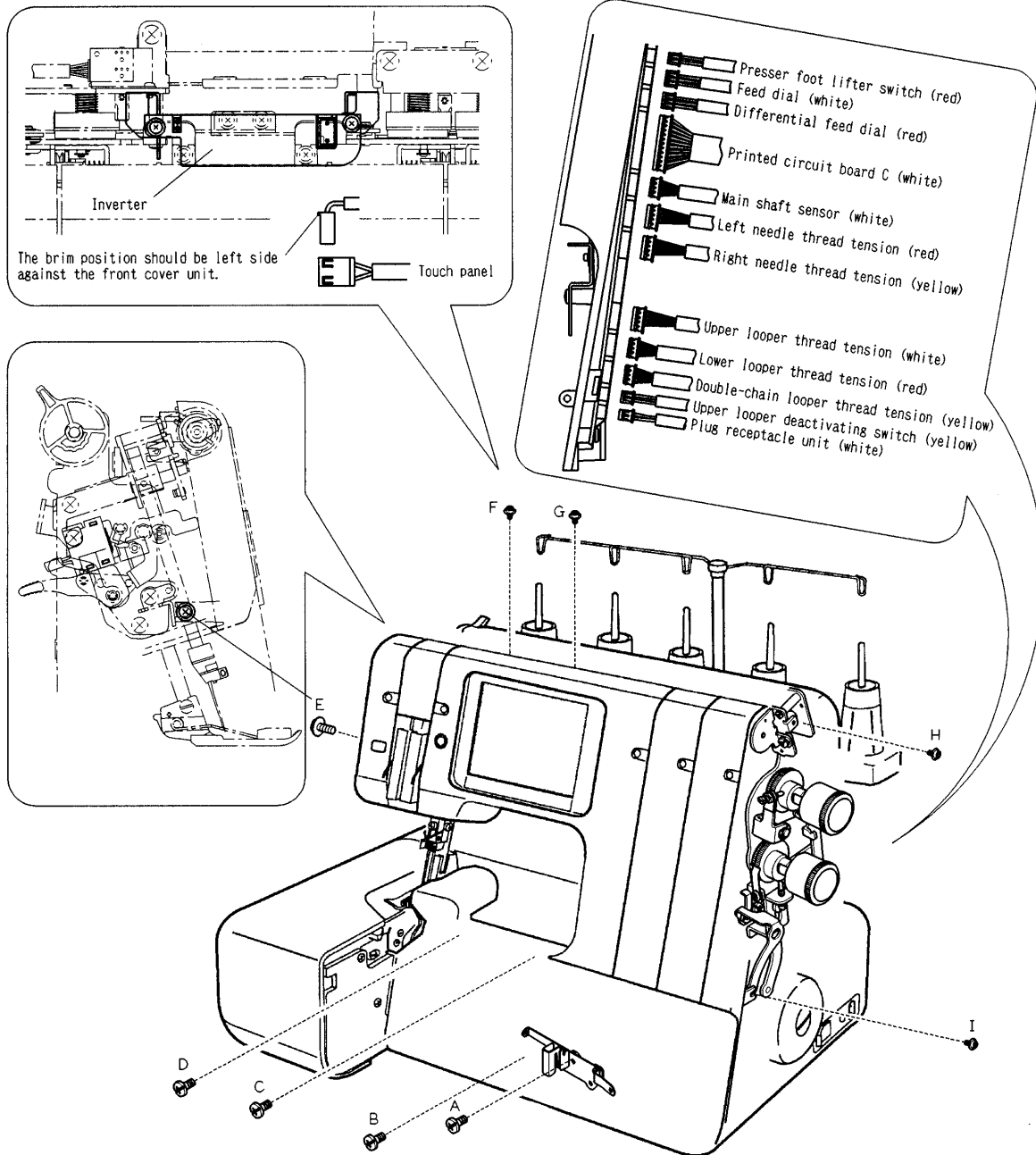
1. Remove the looper cover unit, face plate unit, needle plate, top cover unit and belt cover.
2. Remove the screw A and pull out the double-chain looper thread take-up lever.
(See page for how to adjust the double-chain looper thread take-up lever position.)
3. Remove screws B, C and D.
4. Loosen the screws E, F, G, H and I.
5. Unplug all the cables.
6. Turn the handwheel toward you until the upper looper reaches its most lowest position and remove the front cover unit.

To replace:

7. To replace, follow the above procedure in reverse.

Note:

- When you attach the front cover unit, make sure that it does not touch the separator of the thread tension unit.



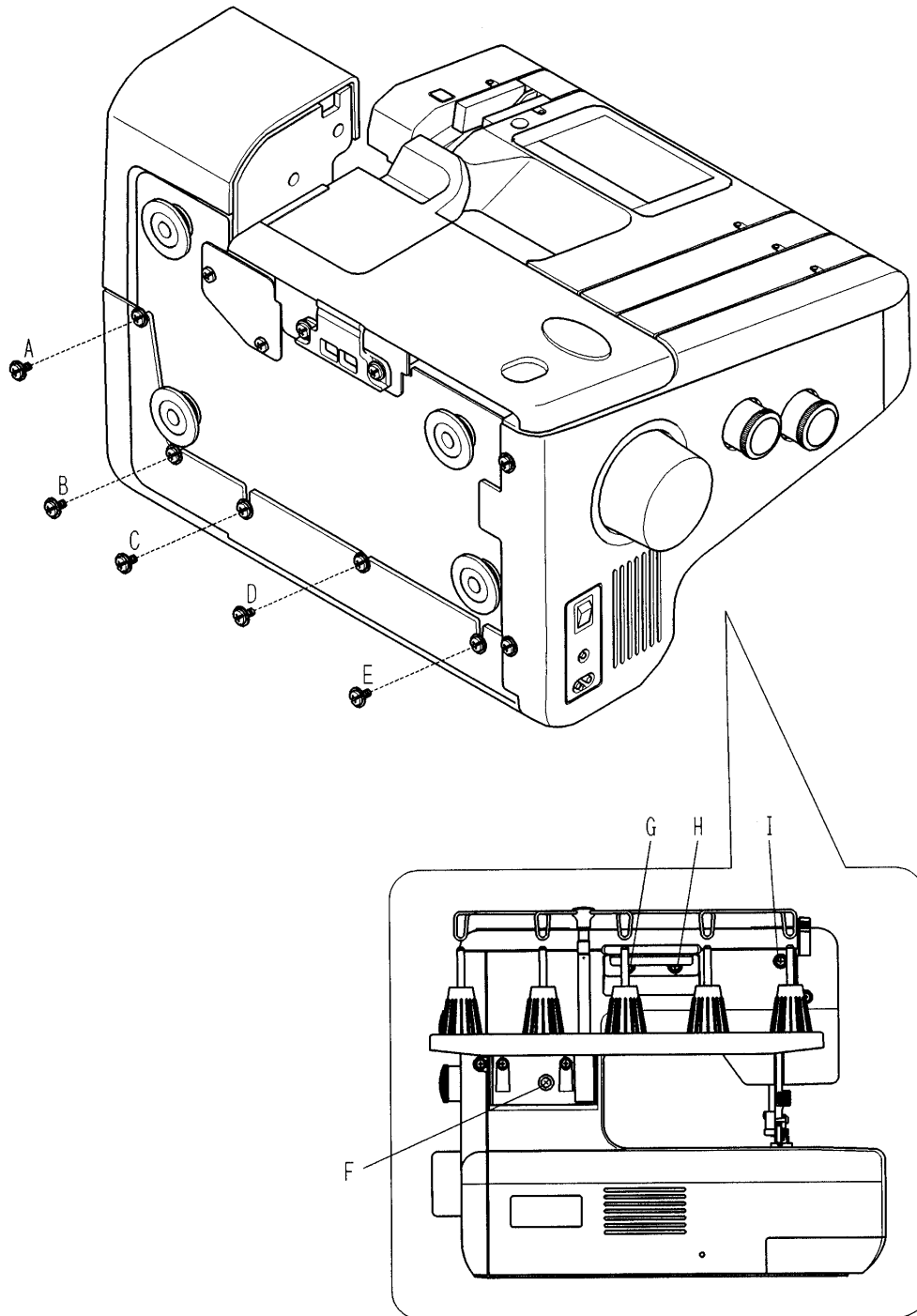
TO REMOVE AND ATTACH THE REAR COVER UNIT

To remove:

1. Remove the belt cover.
2. Loosen the screws A, B, C, D and E.
3. Remove the screws F, G, H and I.
4. Remove the rear cover unit.

To attach:

5. Attach the rear cover unit.
6. Tighten the screws A, B, C, D, E, F, G, H and I.
7. Attach the belt cover.



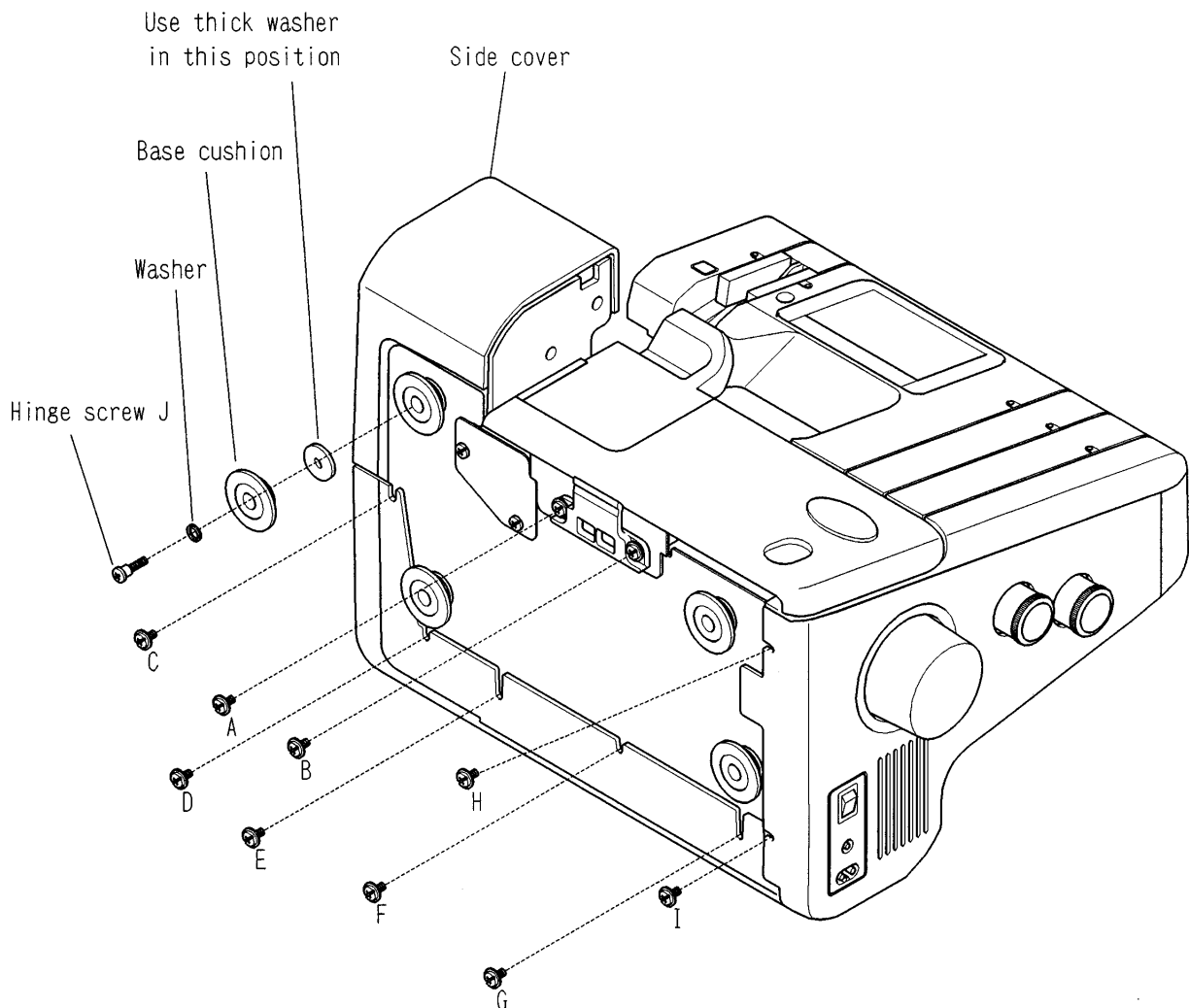
TO REMOVE AND ATTACH THE MACHINE BASE
AND LOOPER COVER UNIT

To remove:

1. Remove the screws A and B.
2. Remove the looper cover unit.
3. Remove the screws C, D, E, F, G, H, I and four hinge screws J and remove the base cushions.
4. Open the side cover, and remove the machine base.

To attach:

5. Attach the machine base, base cushions, washers, and tighten the hinge screws J.
6. Attach the looper cover unit, and tighten the screws A, B, C, D, E, F, G, H and I.



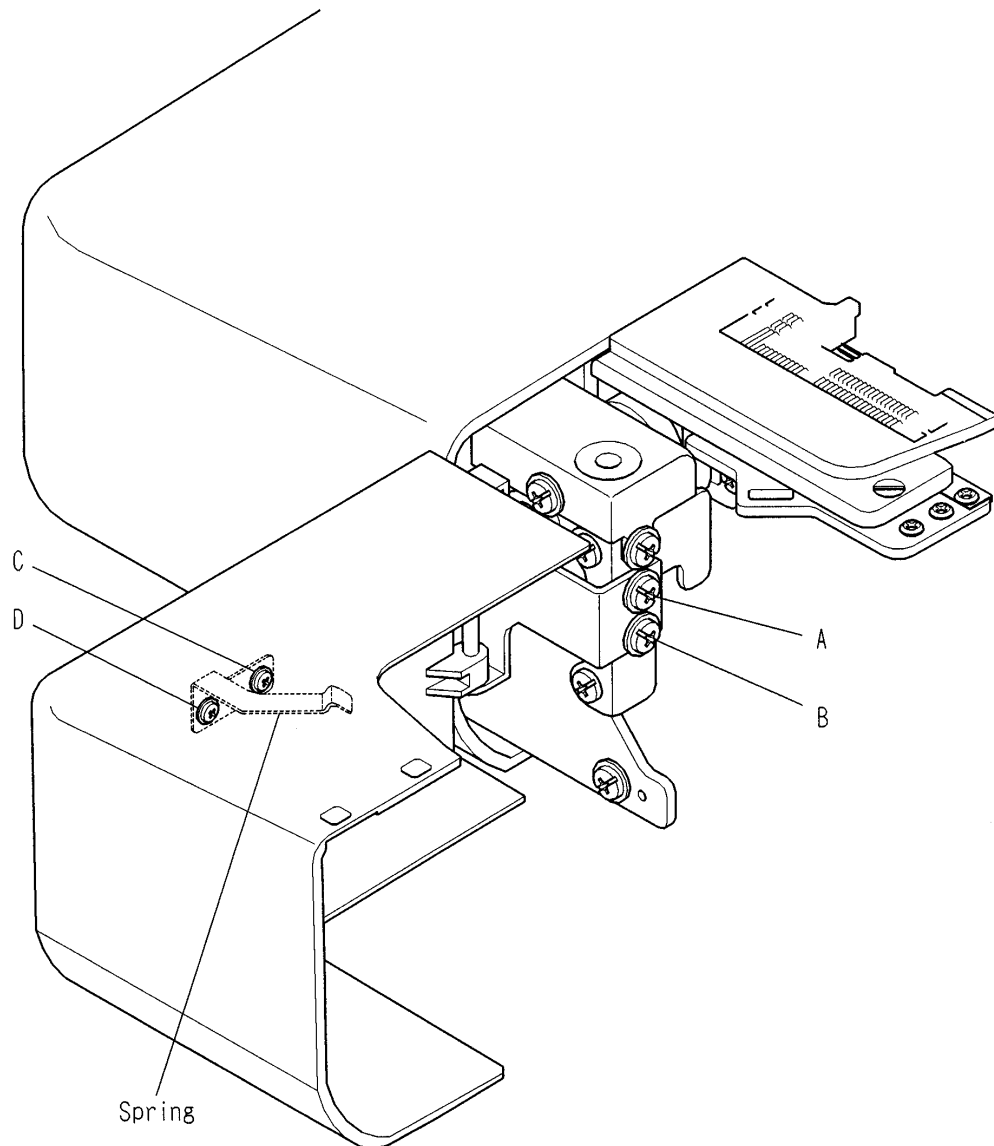
TO REMOVE AND ATTACH THE SIDE COVER UNIT

To remove:

1. Remove the screws A and B.
2. Remove the side cover unit.

To attach:

3. Attach the side cover unit.
 4. Tighten the screws A and B.
- (After attaching the side cover unit, if you have any problem closing it, loosen screws C and D and adjust the spring position.)



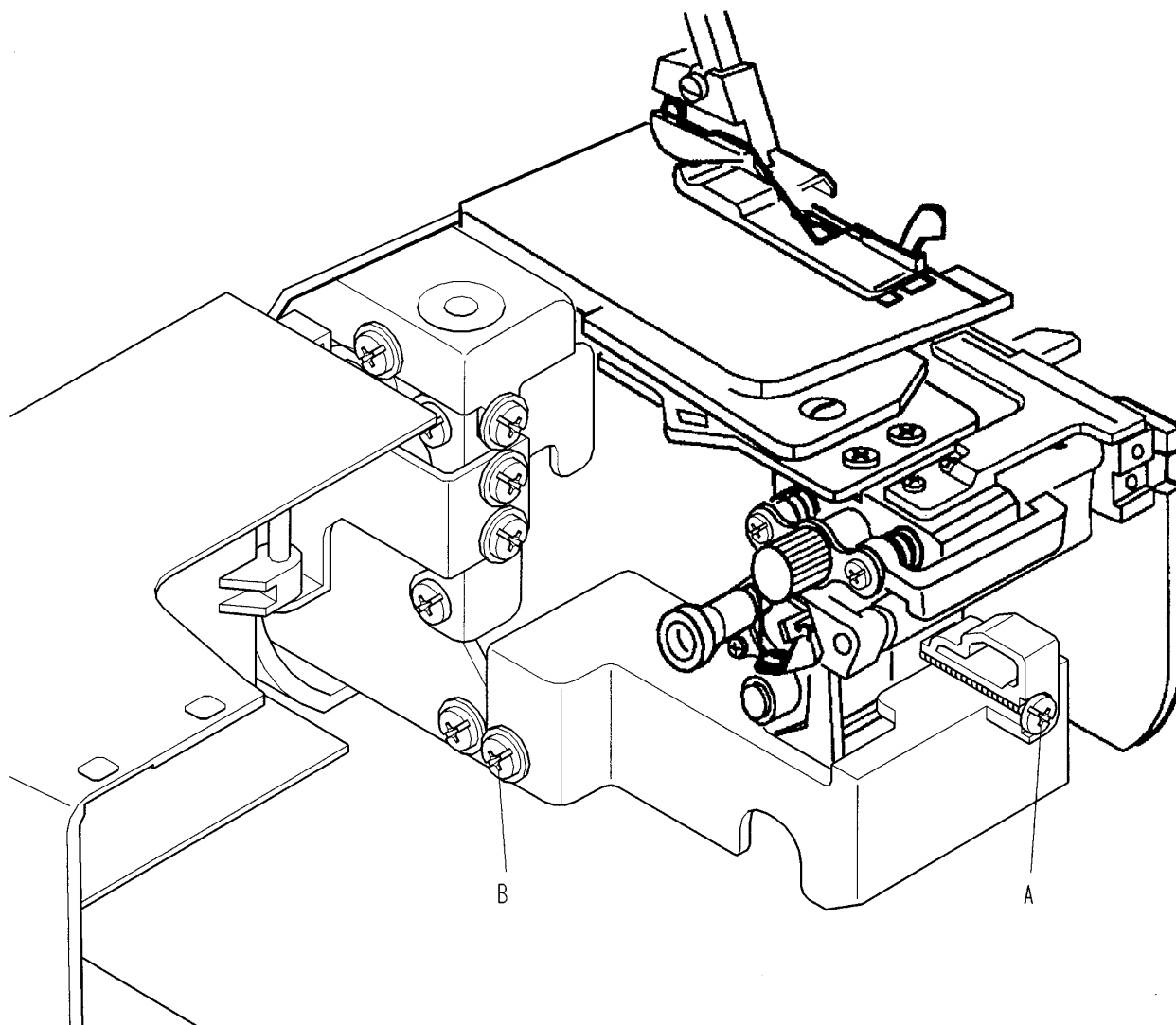
TO REMOVE AND ATTACH THE INNER COVER

To remove:

1. Remove the screws A and B.
2. Remove the inner cover.

To attach:

3. Attach the inner cover.
4. Tighten the screws A and B.



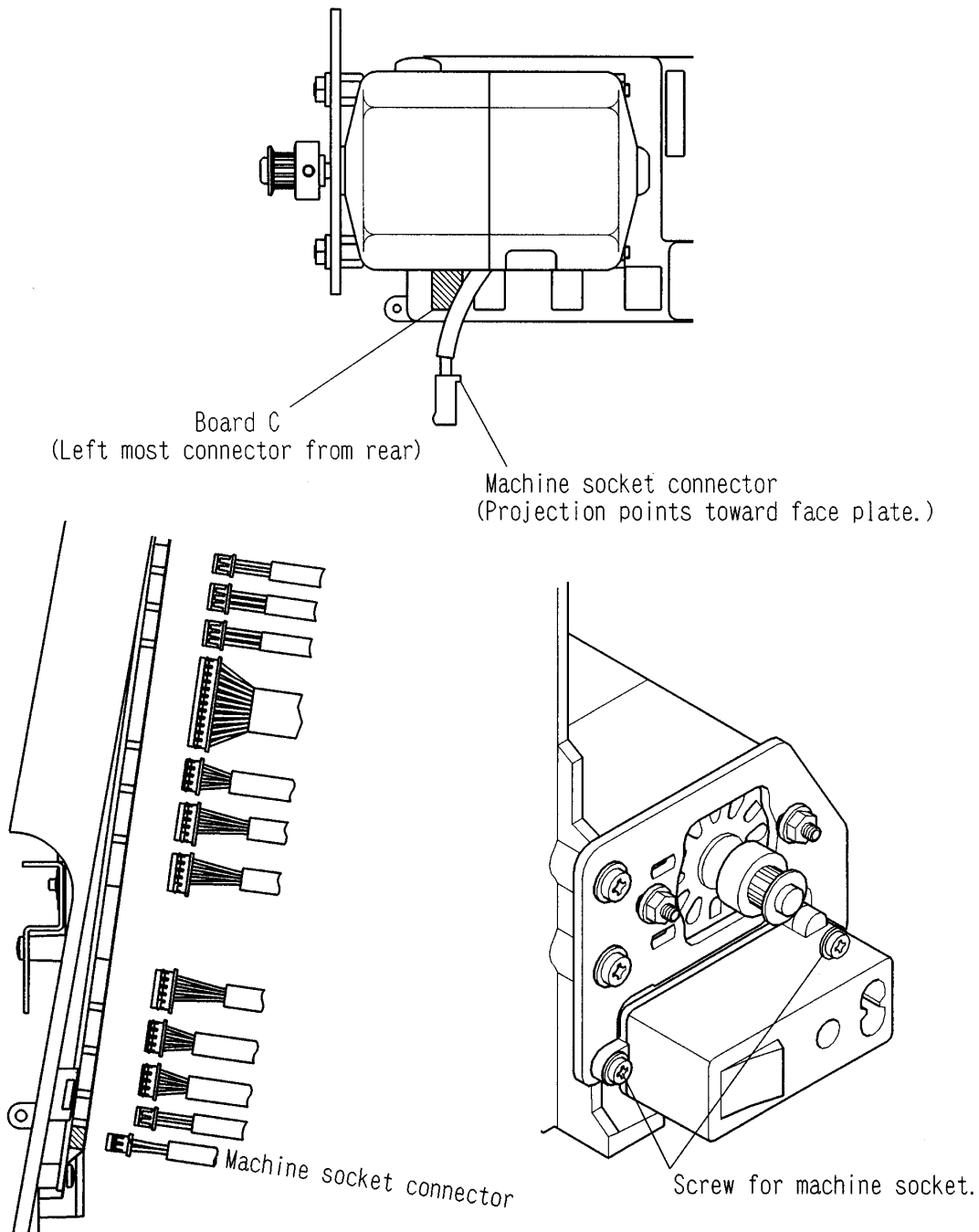
TO REMOVE AND ATTACH THE MACHINE SOCKET

To remove:

1. Remove the belt cover, top cover unit and rear cover unit.
2. Unplug the connectors going to boards C and A.
3. Remove the two screws from the machine socket and pull out the machine socket.

To attach:

4. Connect the cables from the machine socket to boards A and C.
5. Secure the machine socket to the motor mounting plate with the two screws.
6. Attach the rear cover unit, top cover unit and belt cover.



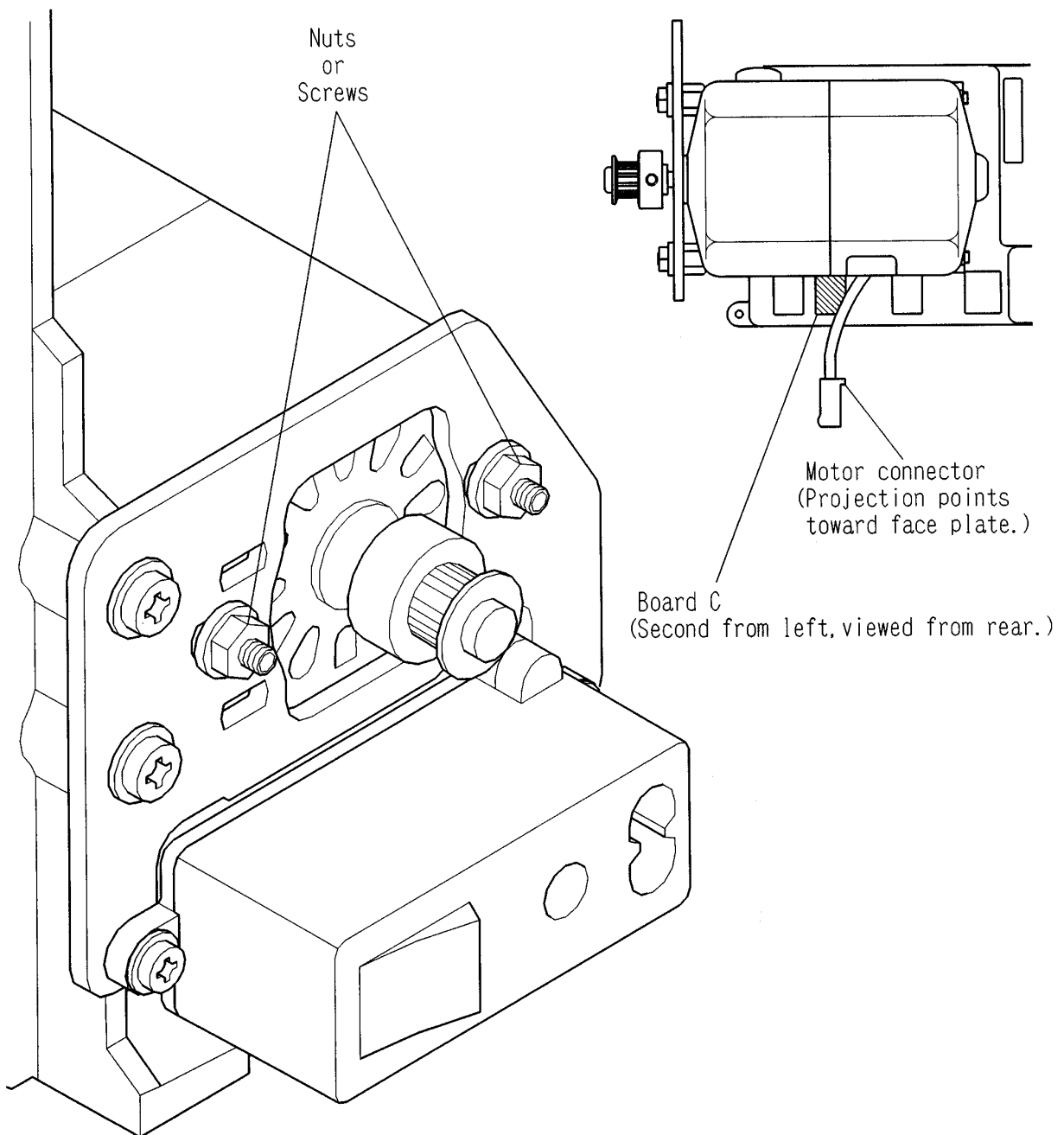
TO REMOVE AND ATTACH THE MOTOR

To remove:

1. Remove the belt cover, top cover unit and rear cover unit.
2. Remove the belt.
3. Unplug the motor cable from board C.
4. Remove the 2 nuts, then the motor unit.
(The 230V motor is attached to the mounting plate by 2 screws(not with nuts).

To attach:

5. Plug the motor cable into board C.
6. Attach the motor to the motor mounting plate loosely with the two nuts.
7. Place the motor belt on the motor pulley and handwheel.
8. Move the motor to adjust the belt tension and tighten the 2 nuts.
9. Attach the rear cover unit, top cover unit and belt cover.



TO CHANGE THE LCD UNIT

To remove:

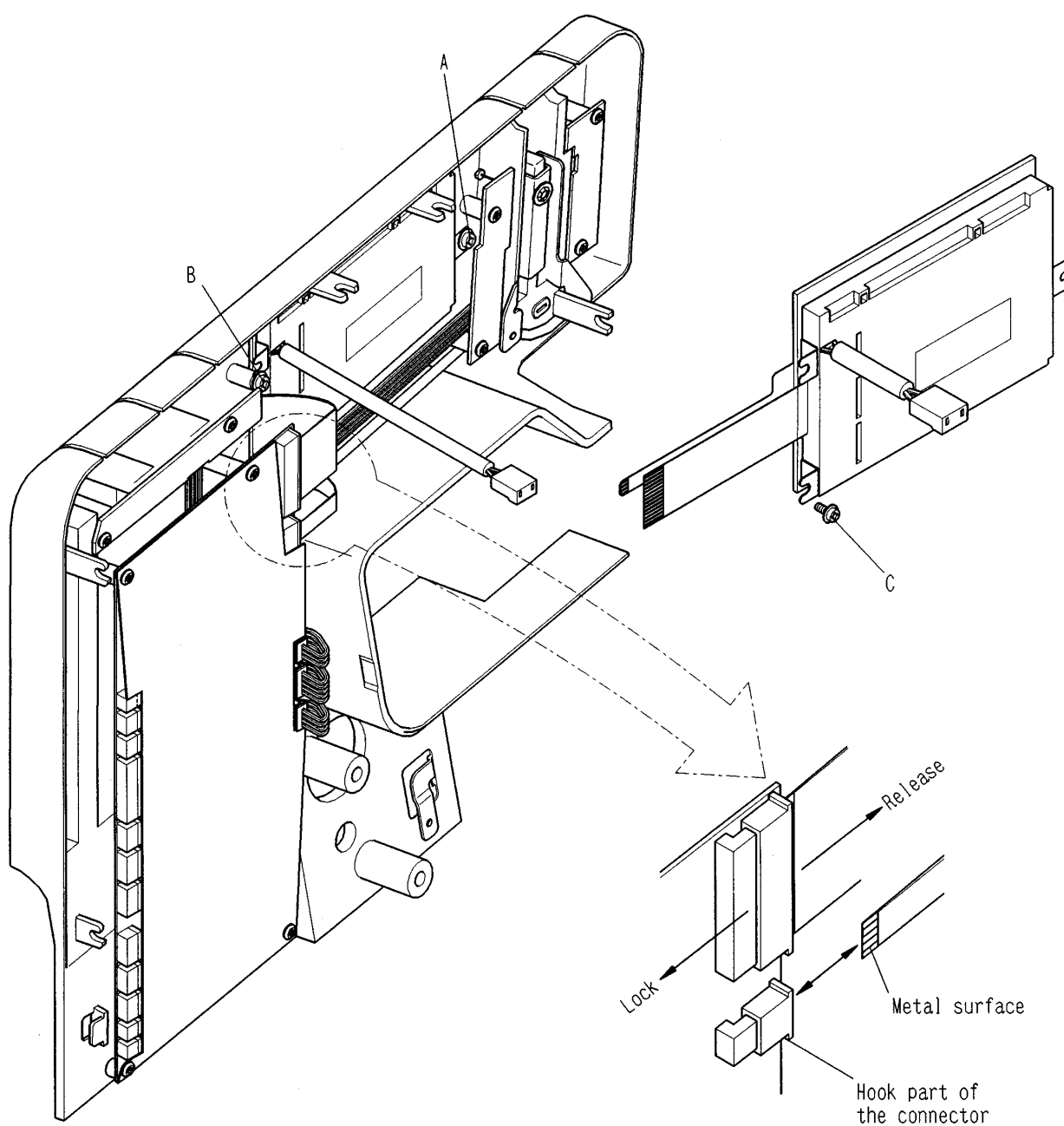
1. Remove the looper cover unit, face plate unit, belt cover, top cover unit and front cover unit.
2. Remove the screws A, B and C.
3. Pull out the ribbon cables and touch panel.
(Slide the sleeve on the connector to the right to release the ribbon cable.)

To replace:

4. To attach the touch panel unit, follow the above procedure in reverse.

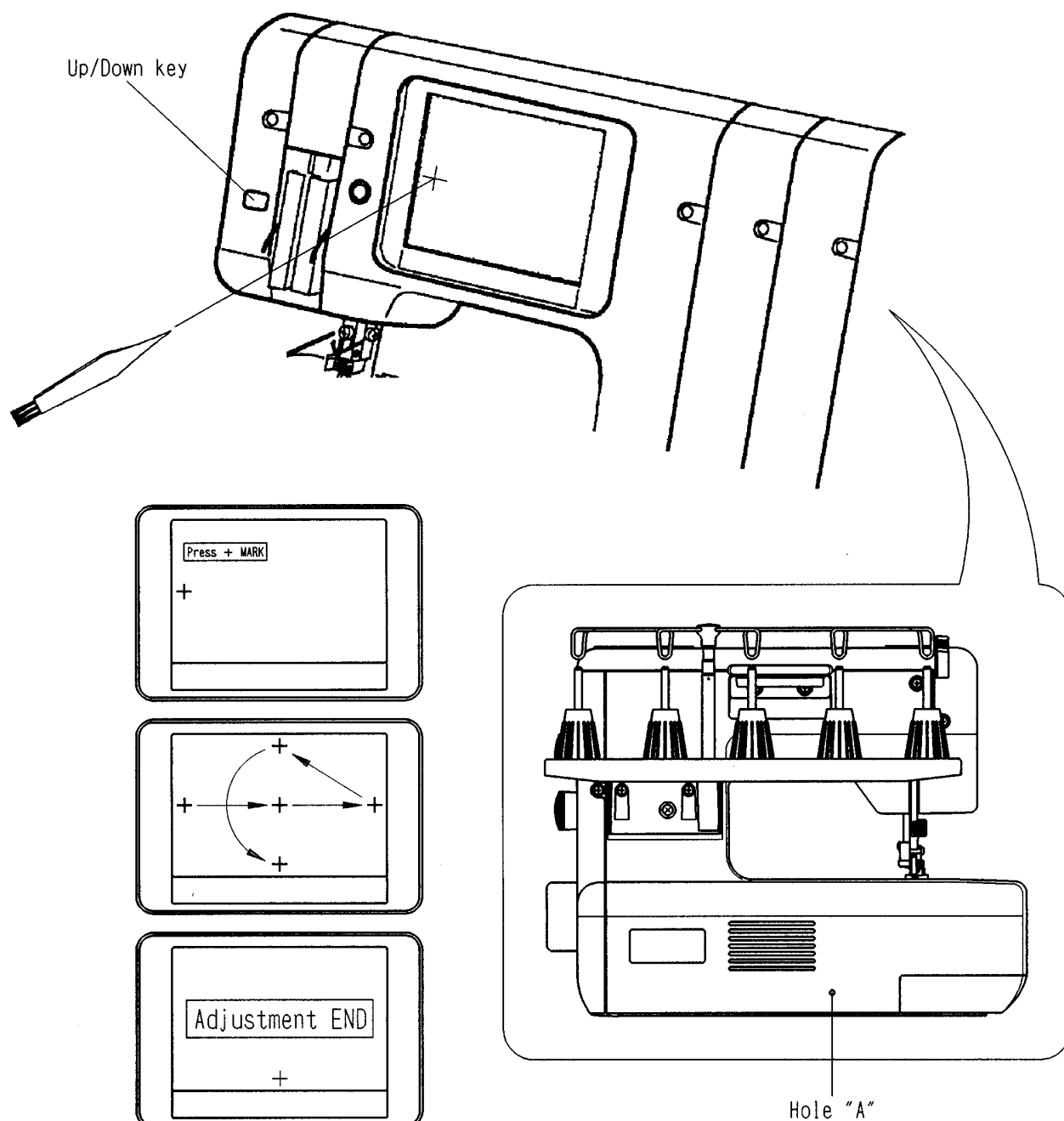
(Note)

- Keep the metal side toward you when inserting the ribbon cables into the connectors on board A. Also, do not touch the metal surface with your fingers.
- Confirm the direction of the connectors and cables when inserting them into board A.
- When you attach the front cover unit, make sure that it does not touch the separator of the thread tension unit.
- If you replace the touch panel unit, you must recalibrate it.



TOUCH PANEL CALIBRATION

1. Insert at hexagonal screwdriver in hole A through the rear cover as shown, and turn on the power switch while pushing the hidden switch lightly.
 2. After you turn on the power switch, quickly pull out the hexagonal screwdriver then press the Up/Down key while the screen shows the first version screen. (The touch panel displays "Press + Mark" and a "+" mark.)
 3. Lightly press the center of the "+" mark with the end of the lint brush.
 4. After you have pressed the "+" mark 5 times, the touch panel says "Adjustment END".
 5. Turn off the power switch.
 6. Turn on the power switch again and check the touch panel menu screen.
- Note:
- After the adjustment, make sure the desired stitch is selected.



TO CHANGE BOARDS D1, D2 AND D3.

To remove:

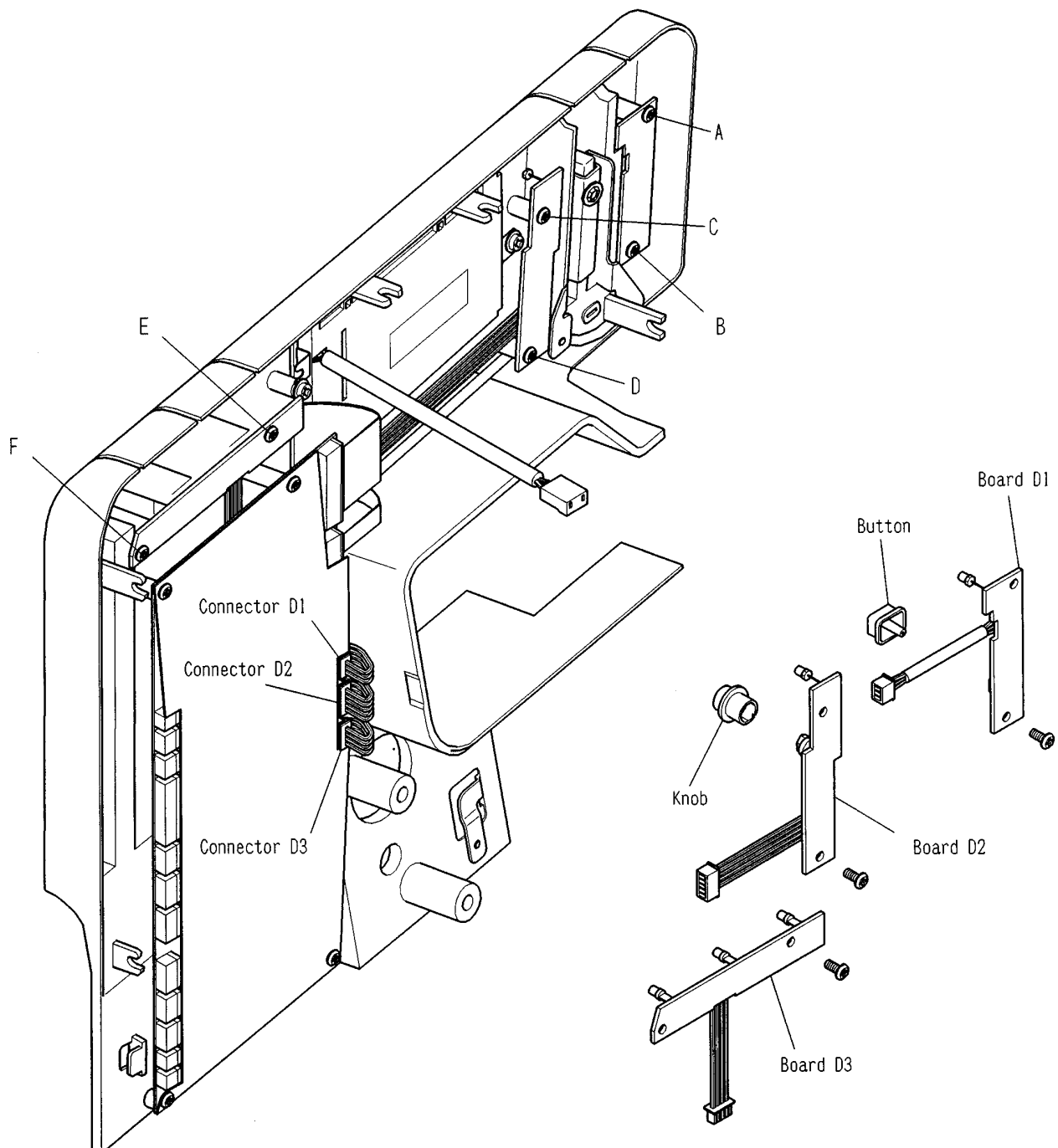
1. Remove the looper cover unit, face plate unit, belt cover, top cover unit and front cover unit.
2. Remove the screws A, B, C, D, E and F.
3. Remove the connectors and then remove boards D1, D2 and D3.
(In order to remove board D3, you must remove board A.)

To replace:

4. To replace boards D1, D2 and D3, follow the above procedure in reverse.

Note:

- When you attach the knob to board D2, match the "+" mark on the volume of board D2 with the "+" mark on the knob.
- When you attach the front cover unit, make sure that it does not touch the separator of the thread tension unit.



TO CHANGE BOARD C AND FUSE

To remove:

1. Remove the belt cover, top cover unit, face plate unit, rear cover unit, machine base and front cover unit.
(To replace the fuse only, you remove the belt cover, rear cover unit, machine base.)
2. Remove the screws A and B from board C case and remove the board C case.
3. Remove screws C, D and E from board C case and dismantle the board C case.
4. Unplug all connectors and remove the screws F, G, H, I and remove the board C.

Note:

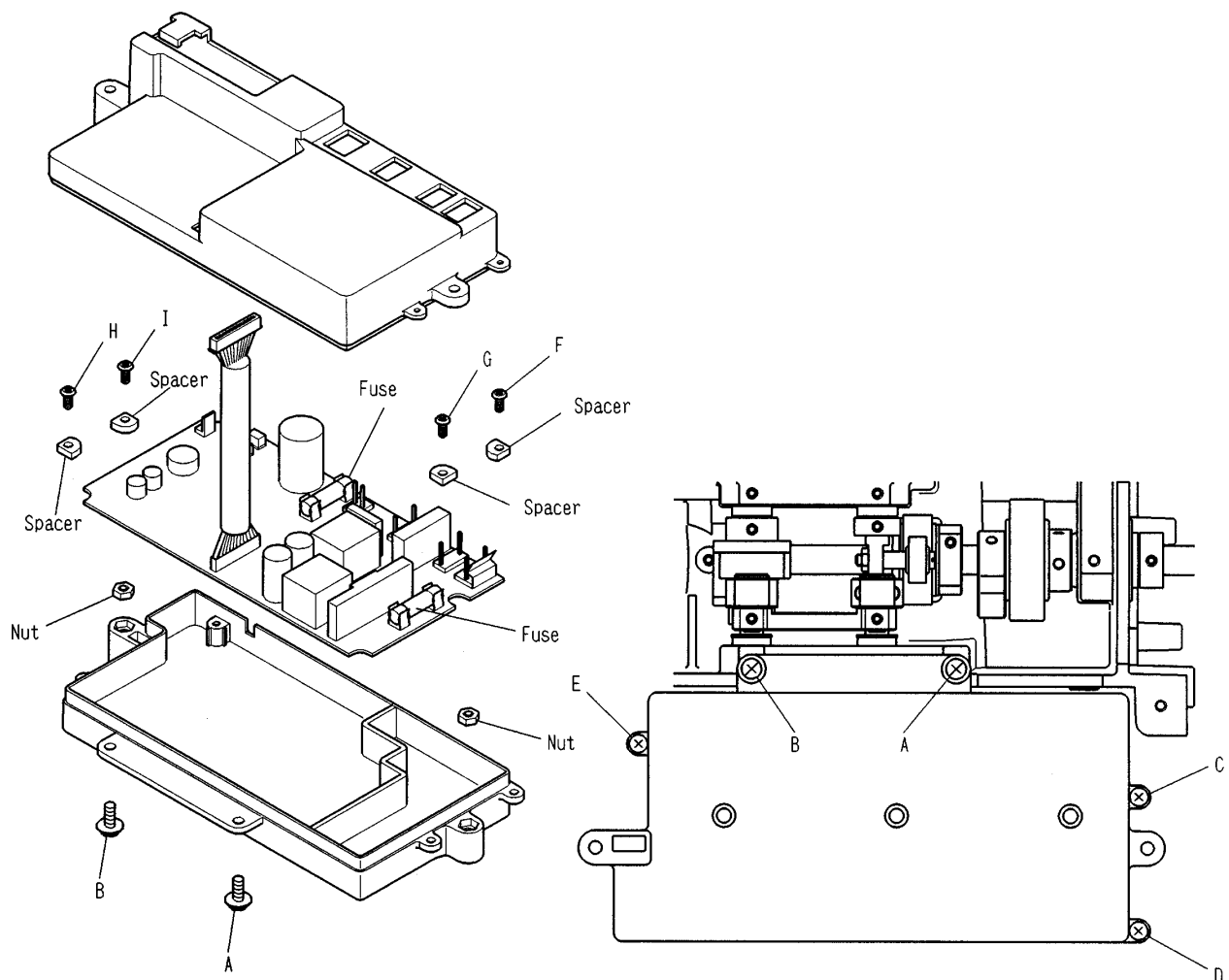
- When replacing a fuse, make note of its position and type.
- When you pulling the connectors, make note of their type and direction.

To attach:

5. To attach board C and fuse, follow the above procedure in reverse.

Note:

- Confirm the direction and type of connectors when you attach them.
- When you replace board C, do not forget the spacers and nuts.



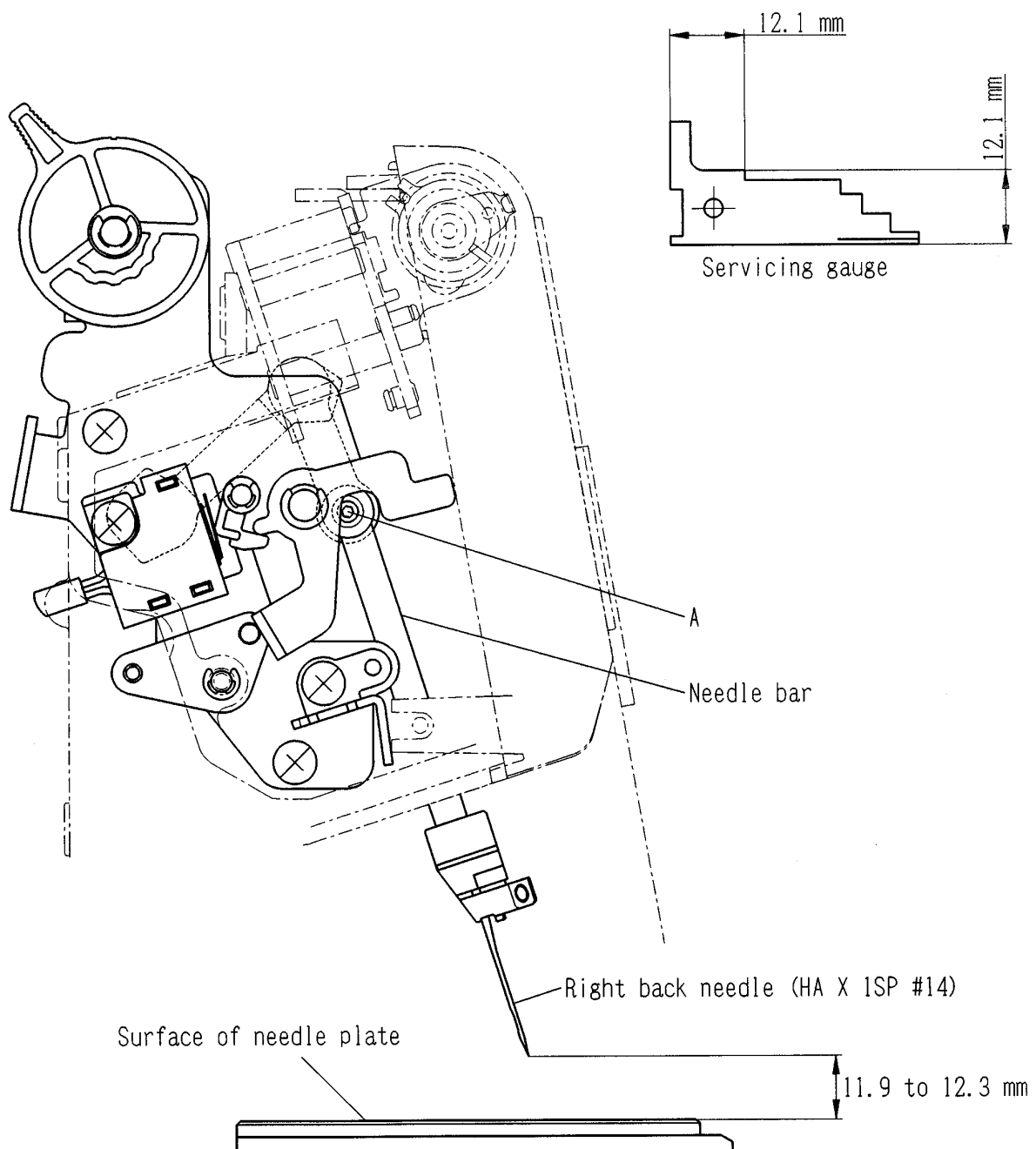
TO ADJUST THE NEEDLE BAR HEIGHT

Correct setting:

The distance between the tip of needle (HA X ISP #14) on the right back and the surface of needle plate should be 11.9 to 12.3 mm when the needle bar is at the highest position.

To adjust:

1. Remove the face plate unit.
2. Turn the handwheel toward you with your hand, and set the needle bar at the highest position.
3. Loosen set screw A to adjust the height, and tighten set screw A after the adjustment is done. (Make sure the needle bar angle is correct.)
4. Turn the handwheel toward you one cycle, and recheck the needle bar height. (Check the clearance between the needle, lower looper and double chain looper.)
5. Attach the face plate unit.



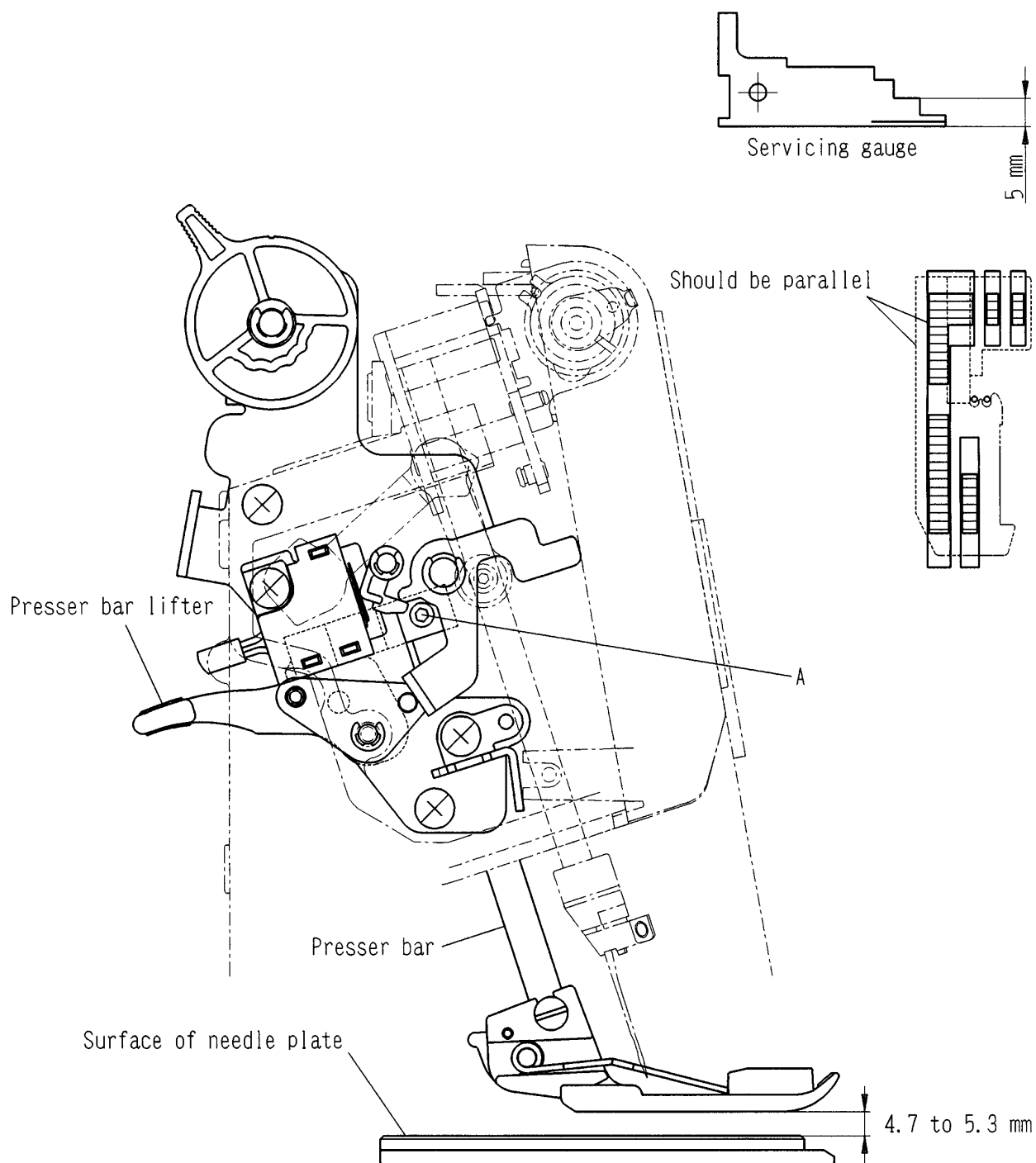
TO ADJUST THE PRESSER BAR HEIGHT

Correct setting:

The distance between the surface of needle plate and bottom of presser foot should be 4.7 to 5.3 mm (47/256 to 53/256 ") when the presser bar lifter is raised.

To adjust:

1. Remove the face plate unit.
2. Raise the presser bar lifter, and loosen the set screw A.
3. Then adjust the presser bar height. The side of presser foot should be parallel with the hole of needle plate.
4. Tighten the set screw A.
5. Attach the face plate unit.



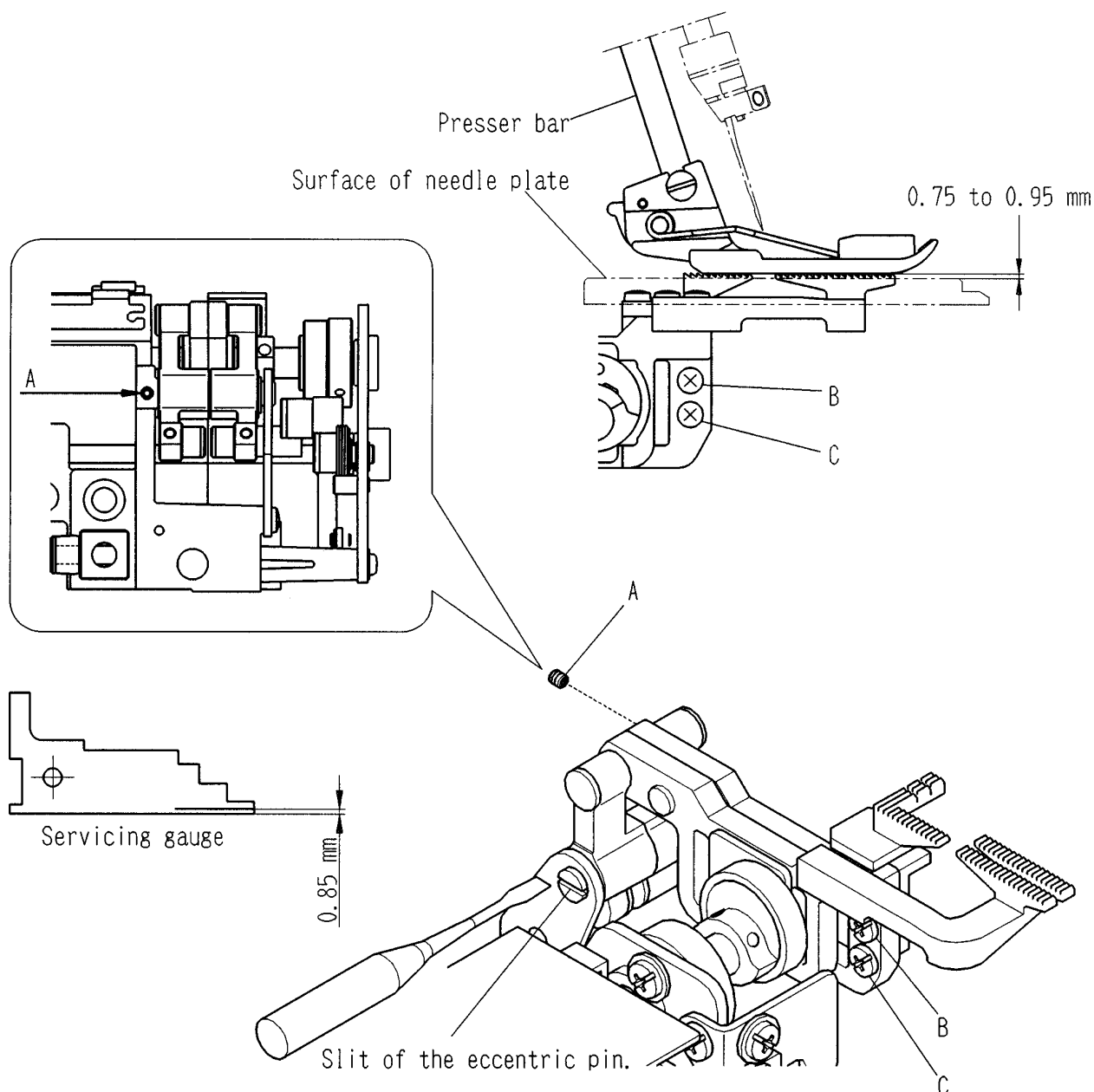
TO ADJUST THE FEED DOG HEIGHT

Correct setting:

When the presser foot is lowered and the feed dogs are at their highest position, the distance between the surface of needle plate and bottom of presser foot should be 0.75 to 0.95 mm.

To adjust:

1. Remove the rear cover unit and open the side cover.
2. Set the stitch length dial at "3 " and the differential feed dial at "1.0 ".
3. Lower the presser foot and raise the feed dogs to their highest position by turning the handwheel.
4. Loosen the screws A, B and C.
5. Insert the screwdriver in the end of the eccentric pin.
Adjust the sub feed dog by turning the pin then tighten the set screw A.
(The standard setting of the feed dog height is when the slit on the eccentric pin horizontal and eccentric position feed dog base is at the rear side.)
6. Push the main feed dog upward and adjust the distance between the surface of needle plate and bottom of presser foot, then tighten the set screws B and C.
7. Check the clearance between the feed dog and the slot of the needle plate when the stitch length is set at 5 and differential feed is set at maximum.
(If the direction of the eccentric adjustment is incorrect, the needle plate and feed dog may hit or rub each other.)



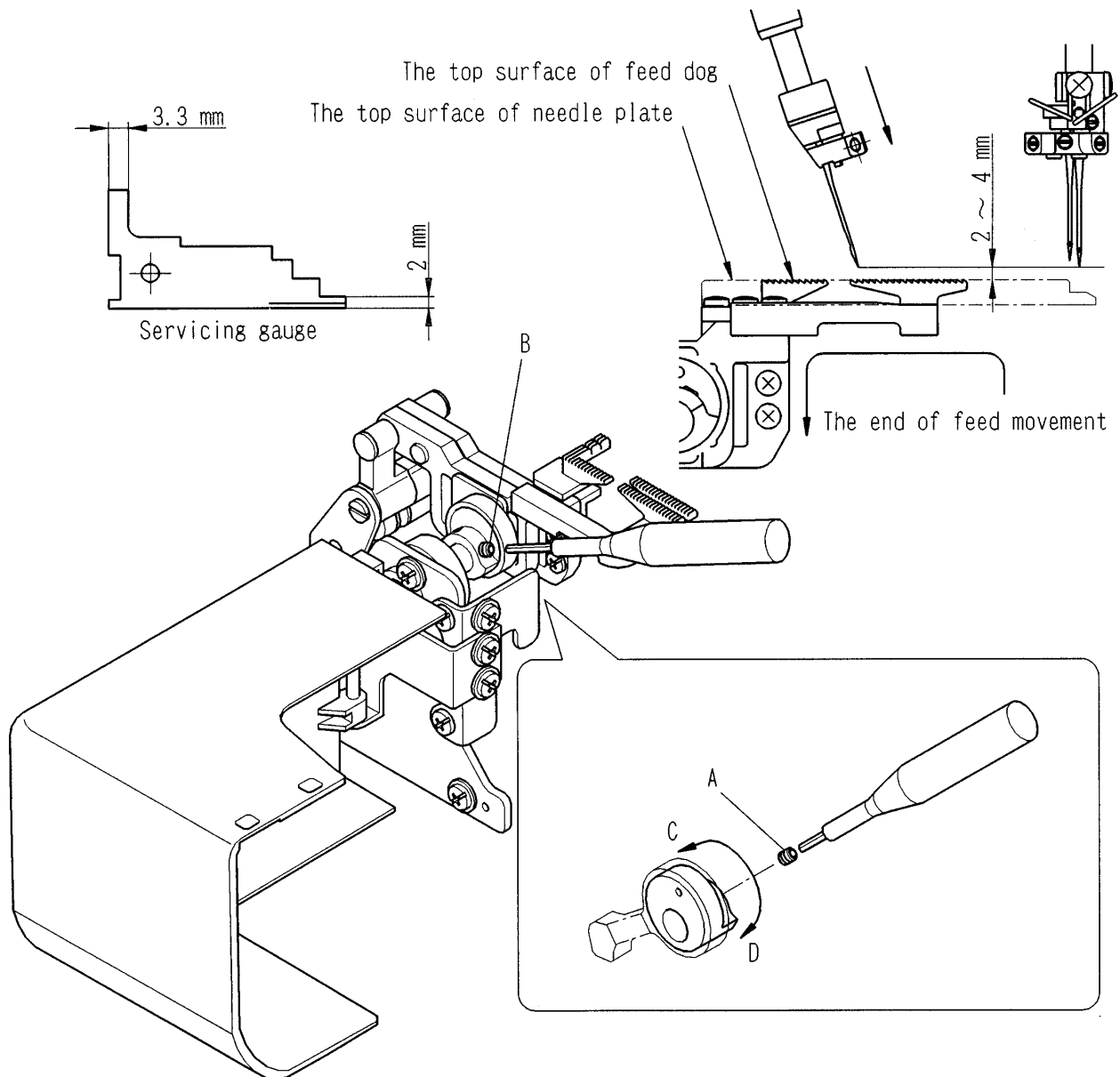
TO ADJUST THE TIMING OF THE NEEDLE AND THE FEED DOG

Correct setting:

When the tip of right back needle (HA X 1SP #14) is at 2~4 mm above the needle plate in its downward motion, and lowered presser foot, the top of the feed dog teeth should be level to the top surface of needle plate at their rearmost position. Before adjustment, check if needle bar height and feed dog height are correct.

To adjust:

1. Set the stitch length dial at "3" and differential feed dial at "1.0".
2. Raise the presser foot and move the tip of right back needle at 2 ~ 4 mm above the needle plate in its downward motion by turning the handwheel.
3. Lower the presser foot, and loosen two set screws A for main feed cam, two set screws B for sub feed cam, and adjust the position of the sub feed cam and tighten two set screws B.
 - # Turn the feed cam to the direction C if the feed dog is lower than the surface of the needle plate.
 - # Turn the feed cam to the direction D if the feed dog is higher than the surface of the needle plate.
4. Set the main feed cam and tighten two set screws A.



TO ADJUST THE STITCH LENGTH

Correct setting:

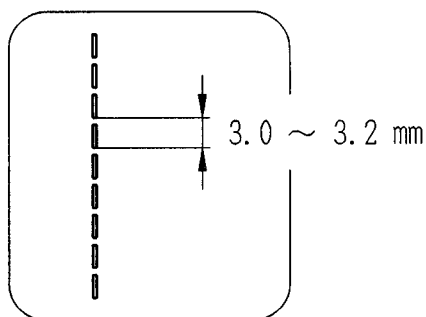
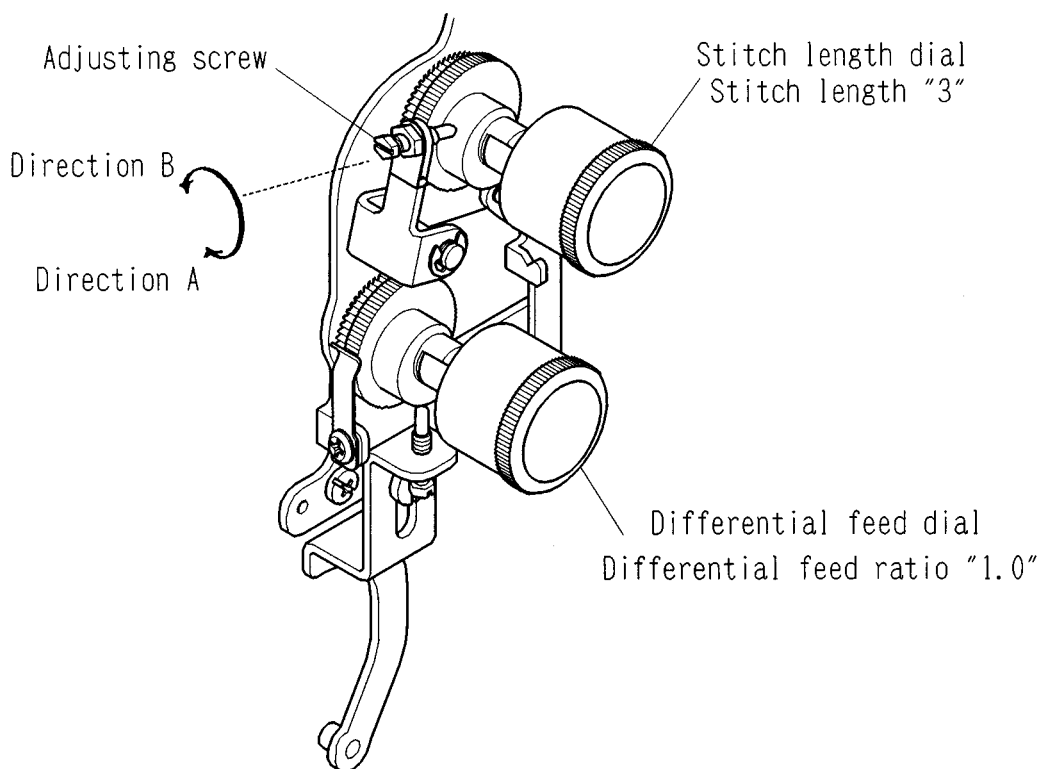
The actual stitch length should be 3.0 ~ 3.2 mm when the stitch dial is set at "3".

To adjust:

1. Set the stitch length dial at "3" and the differential feed dial at "1.0".
2. Remove the belt cover.
3. If the actual stitch length is larger than 3.2 mm, turn the adjusting screw in the direction A.
If the actual stitch length is smaller than 3.0 mm, turn the adjusting screw in the direction B.
4. Attach the belt cover.

(Note)

- In order to access the stitch length adjusting screw, you have to remove the front cover unit.
- To avoid removing the front cover unit, just remove the belt cover and use a 5 mm wrench to adjust the stitch length screw.



TO ADJUST THE LOWER LOOPER TIMING

Correct setting:

The lower looper timing with left side of the left needle (HA X 1SP #14) is 1.6 ± 0.15 mm.

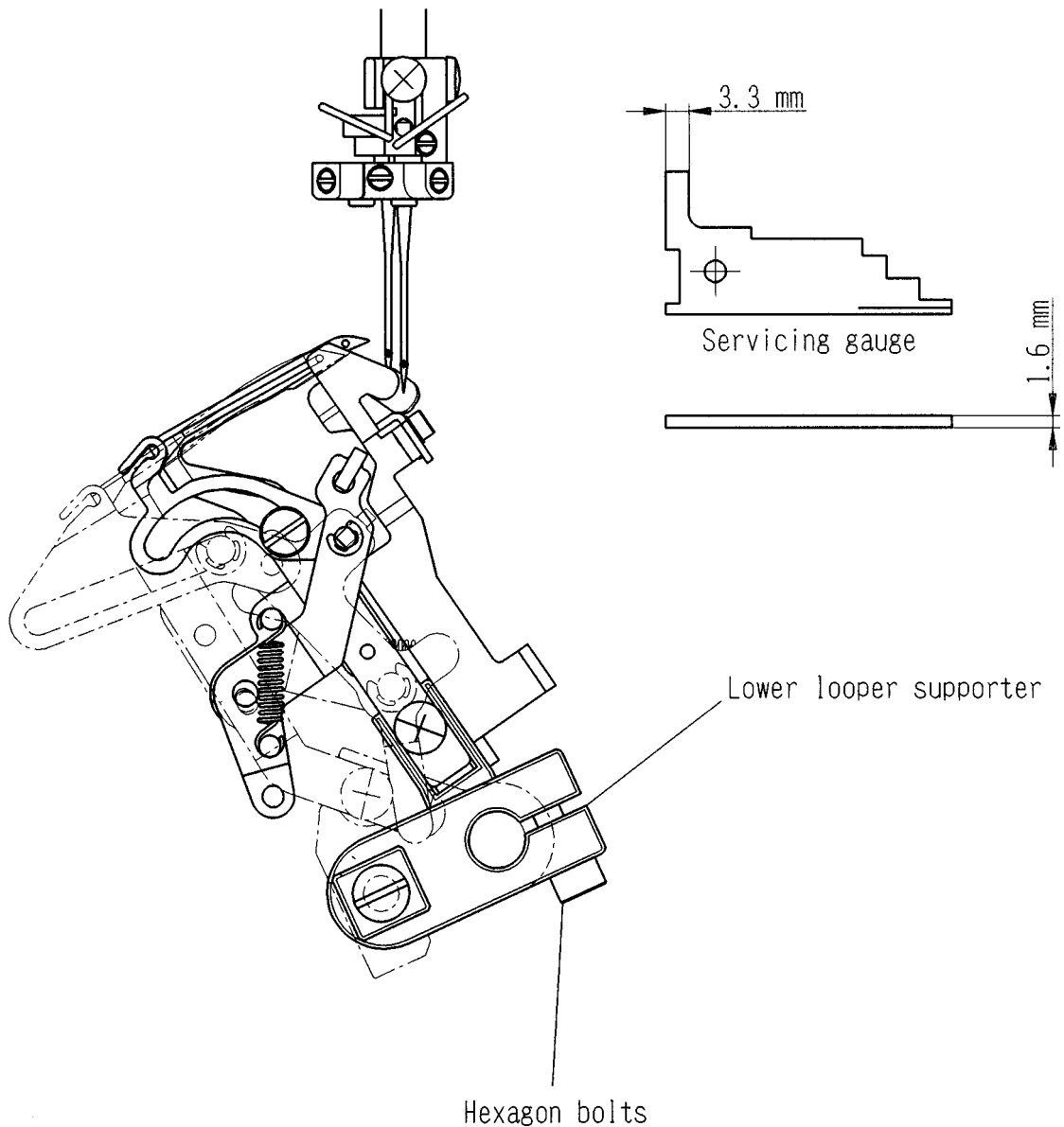
The lower looper timing with left side of the right needle (HA X 1SP #14) is 3.3 ± 0.2 mm.

To adjust:

The lower looper timing is adjusted by the lower looper supporter.

However, if the double chain looper adjustment is satisfactory and there is no problem with overlock sewing, you don't need to adjust the lower looper timing.

(If the lower looper supporter and cam are changed, the position of the double chain looper will also be changed. Therefore, try not to change the initial position of the lower looper.)



TO ADJUST THE CLEARANCE BETWEEN THE NEEDLES AND THE LOWER LOOPER / NEEDLE GUARDS

Correct setting:

When using a #11 needle, when the tip of the lower looper comes from the left just behind the needle on the left or right, the clearance between both needles and the lower looper should be 0 to 0.05 mm. (At this time, the front needle guard pushes the left needle slightly.) For #14 needles on the left and right, the clearance should be 0 to 0.05 mm when the needles are pushed slightly by the front needle guard.

In this condition, the clearance between both needles and the rear needle guard should be 0 to 0.2 mm.

To adjust:

1. Remove the presser foot, needle plate and needles, insert a #11 needle on the right.
2. Turn the handwheel toward you to bring the tip of the lower looper just behind the needle from the left.
3. Loosen hexagon socket screw A, move front needle guard toward you to get clearance between the front needle guard and the needle.
4. In this condition, the clearance between the right needle and lower looper should be 0 to 0.05 mm. If not, loosen hexagon bolts B just enough to move the lower looper supporter. Move it backward or forward to get the proper clearance between lower looper and needle. Tighten hexagon bolts B firmly.

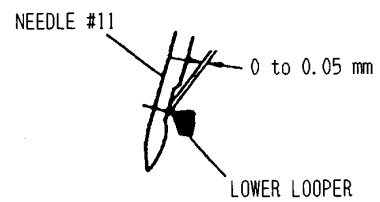
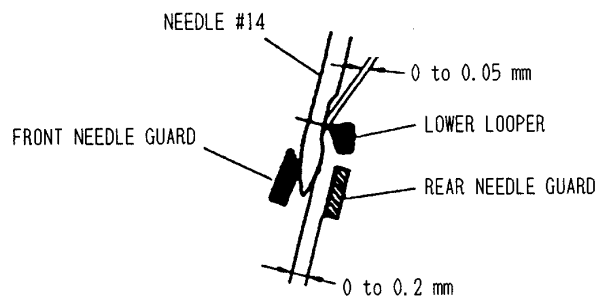
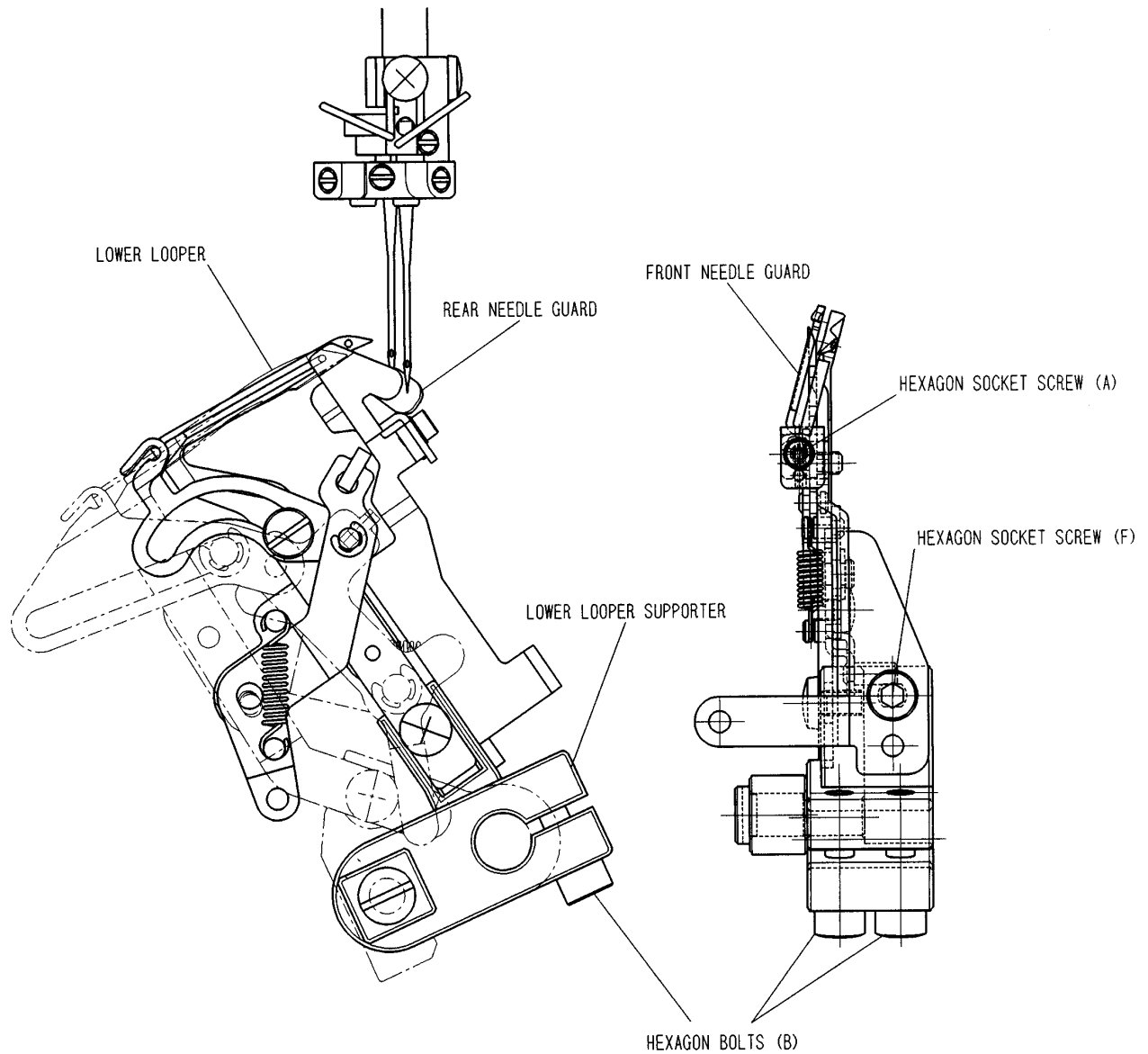
To adjust the position of the front needle guard.

5. Insert #14 needles on the left and right.
6. Push the front needle guard slightly to adjust the clearance between the #14 needles and the lower looper to 0 to 0.05 mm. Tighten hexagon socket screw A.
(Note)

- Check the clearance between both needles and the rear needle guard.
If it is not correct, adjust it by loosening the hexagon socket screw F.
7. Check the lower looper timing.
 8. Check the clearance between the loopers.
 9. Attach the needle plate and presser foot.

Illustrations are shown on the following page.

TO ADJUST THE CLEARANCE BETWEEN THE NEEDLES
AND THE LOWER/NEEDLE GUARDS



TO ADJUST THE POSITION OF THE UPPER LOOPER

Correct Setting:

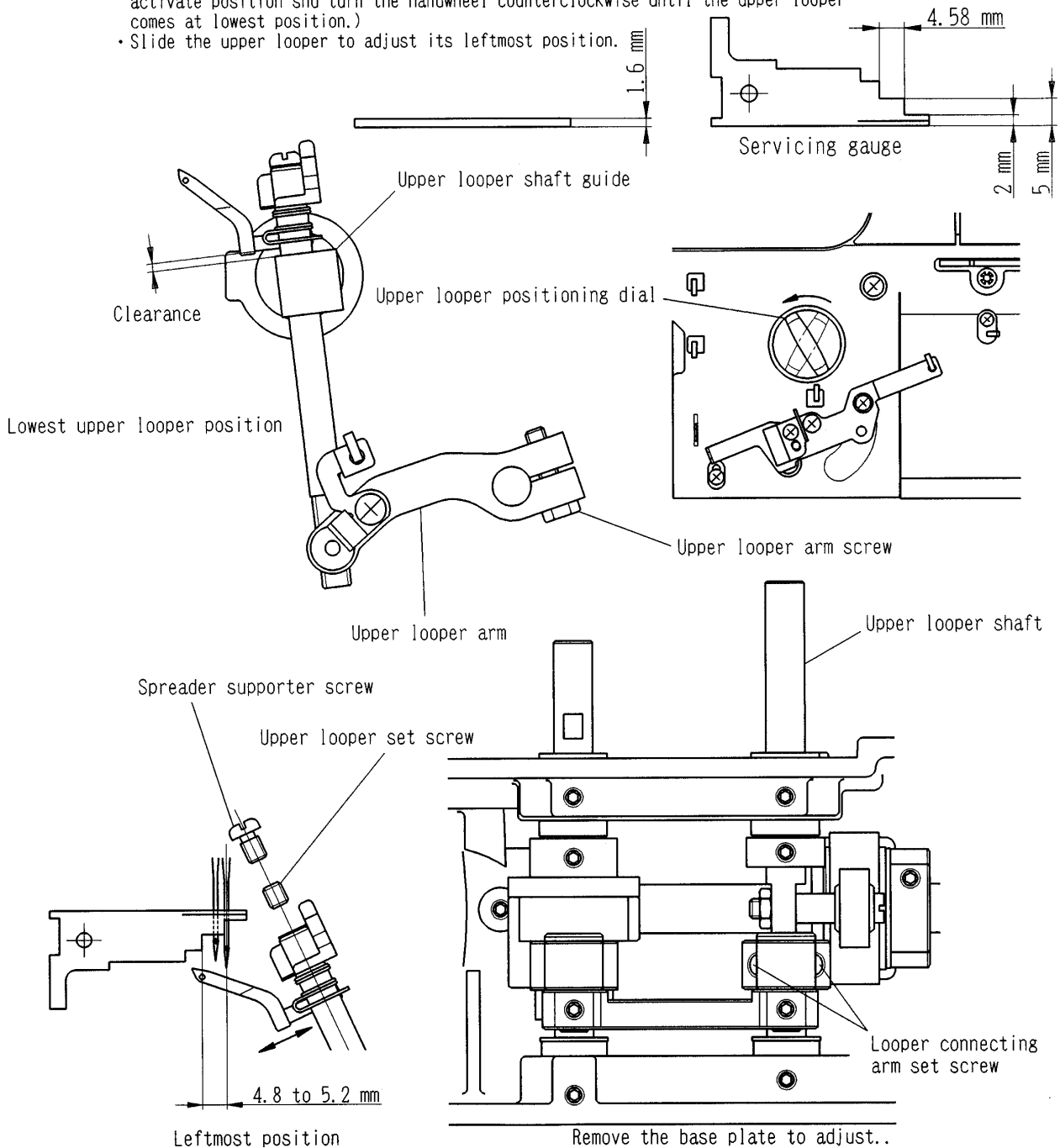
- When the upper looper is in its lowest position, the clearance between the upper looper shaft guide and the upper looper should be 1.6 ± 0.1 mm, as shown.
- When the upper looper is in its leftmost position, the clearance between the upper looper thread hole and the center of the right needle should be 5.0 ± 0.2 mm.
- When the upper looper is in its deactivated position, the clearance between the upper looper shaft guide and upper looper should be 2.0 mm.

To adjust:

- Turn the upper looper positioning dial to deactivate it.
If the clearance between the upper looper shaft guide and the upper looper is not 2.0 mm, adjust the upper looper arm position by loosening the screw until it is 2.0 mm.
- To adjust the upper looper lowest position, loosen the hexagon bolt on the upper looper connecting rod, as shown. Change the angle of the upper looper connecting rod to adjust the lowest position of the upper looper.
Then, tighten the hexagon bolt firmly.

(To adjust the upper looper position, set the upper looper positioning dial at the activate position and turn the handwheel counterclockwise until the upper looper comes at lowest position.)

- Slide the upper looper to adjust its leftmost position.



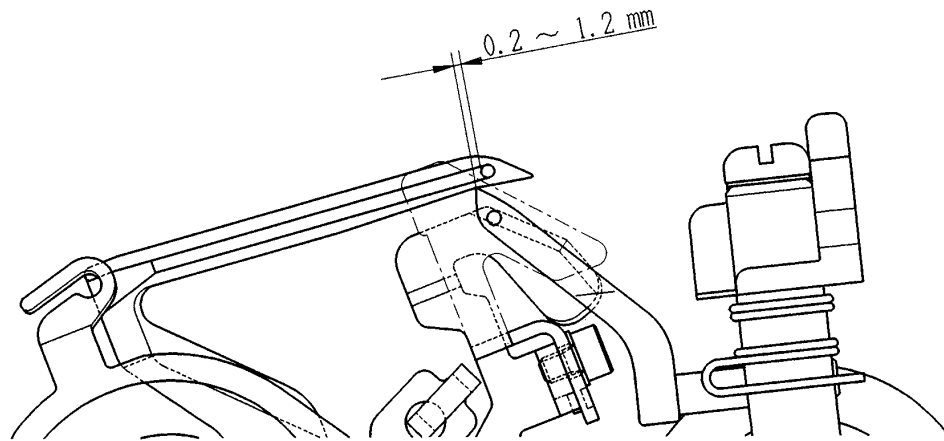
TO ADJUST THE TIMING OF THE UPPER & LOWER LOOPERS

Correct setting:

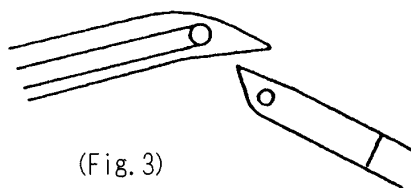
When lower looper moves to the right, the lower looper meets the upper looper within 0.2 ~ 1.2 mm from the left edge of lower looper eye at a right angle as shown in Fig.1.

To adjust:

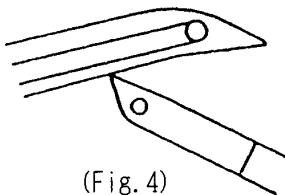
1. Before proceeding with this adjustment, check the lower looper timing and the position of upper looper.
2. Remove the machine base.
3. Loosen the two set screws C, and adjust the timing by turning the upper looper drive cam in the direction of:
A: If the timing of upper looper is advanced as shown in Fig.3.
B: If the timing of upper looper is delayed as shown in Fig.4.
The allowance is 0.2 ~ 1.2 mm from the left edge of lower looper eye as shown in Fig.1.
4. Tighten the two set screws C.
5. Check the clearance between the loopers.
6. Attach the machine base.



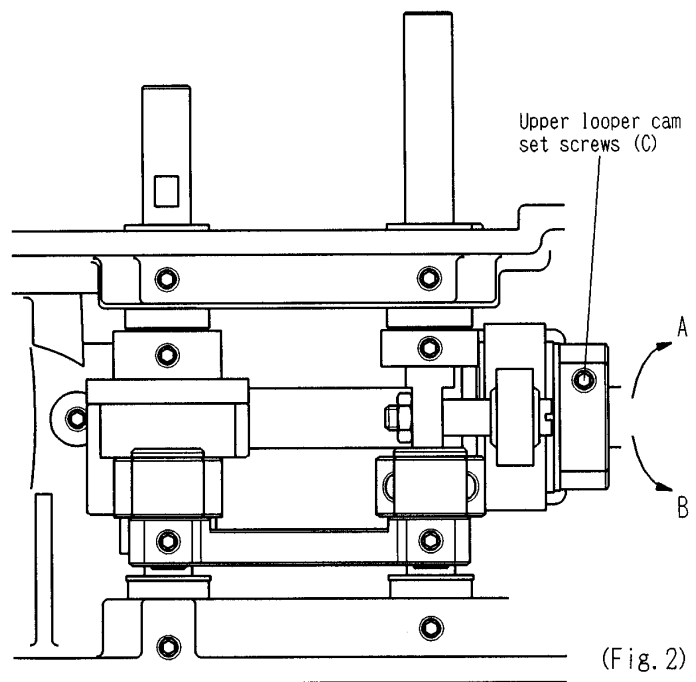
(Fig. 1)



(Fig. 3)



(Fig. 4)



(Fig. 2)

TO ADJUST THE CLEARANCE BETWEEN THE LOOPERS

Correct setting:

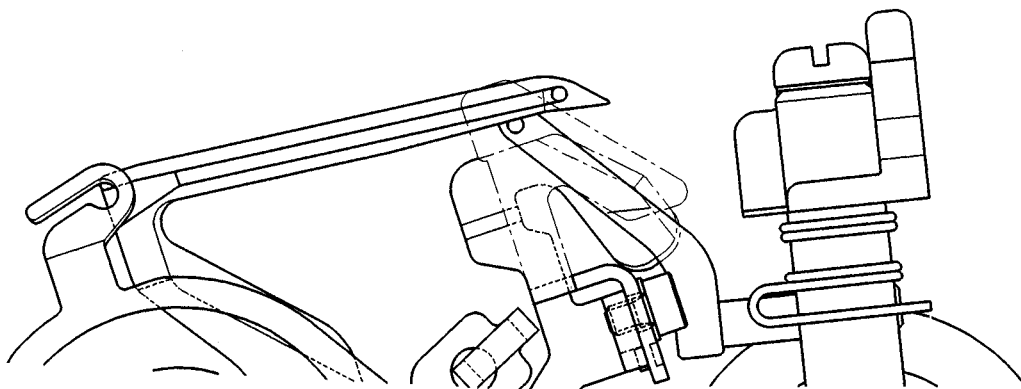
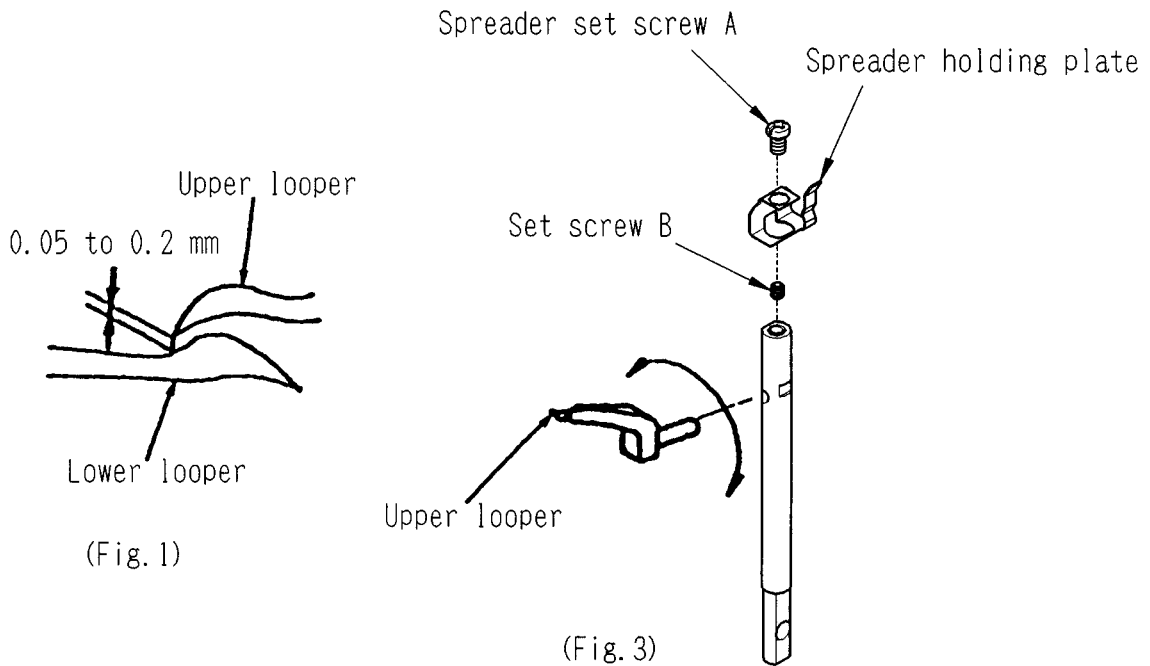
When the loopers meet as shown in Fig.2, the clearance should be 0.05 to 0.2 mm as shown in Fig.1.

To adjust:

1. Remove the spreader set screw A and the spreader holding plate.
2. Turn the handwheel toward you with your hand to bring the loopers as shown in Fig.2.
3. Loosen the set screw B, and adjust the clearance between the loopers by moving the upper looper to the back or front as shown in Fig.3.
4. Tighten the set screw B firmly.
5. Check the clearance between the upper looper and needle.
6. Set the spreader holding plate and tighten the spreader set screw A.

(Note)

- When you attach the spreader on the upper looper shaft, make sure the upper looper should not touch the lower looper.



(Fig. 2)

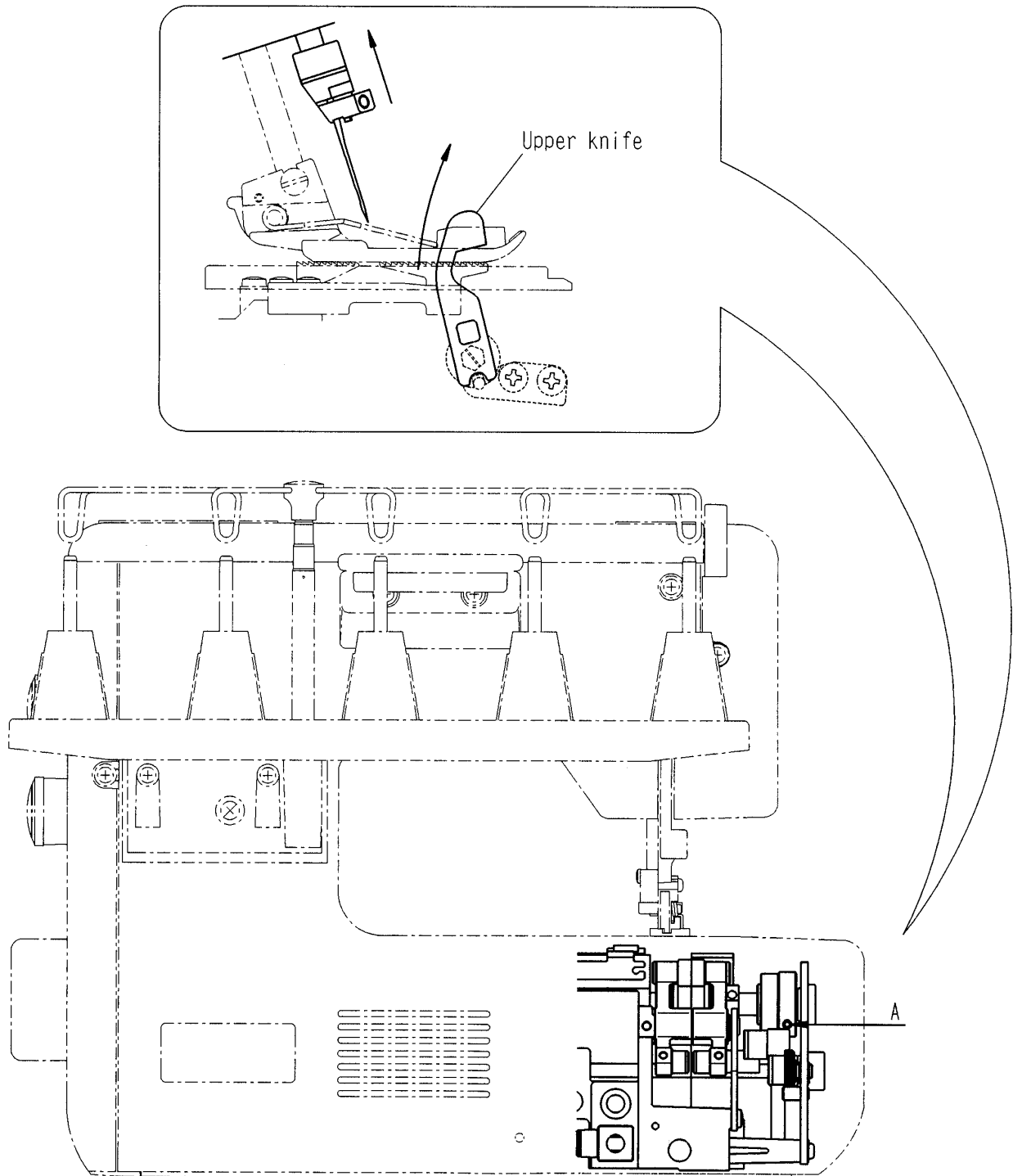
TO ADJUST THE TIMING OF THE NEEDLE AND THE UPPER KNIFE

Correct setting:

Both the needle and the upper knife should reach their highest position at the same time.

To adjust:

1. Remove the belt cover, top cover unit and rear cover unit.
2. Loosen the 2 screws A on the upper knife cam from rear side and adjust the timing.
3. After the adjusting the timing, tighten the 2 screws A.
(Make sure the side of the upper knife rod only just touches the flange of the upper knife cam.)
4. Attach the rear cover unit, top cover unit and belt cover.



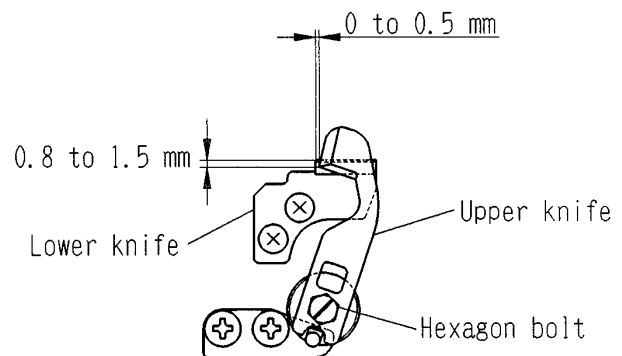
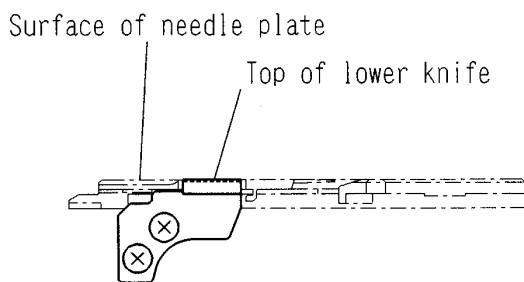
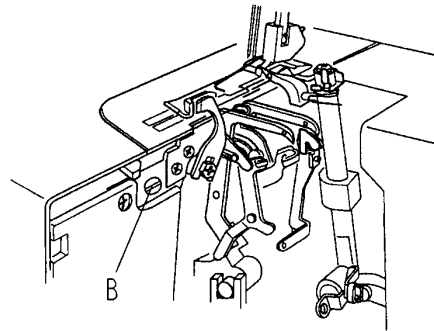
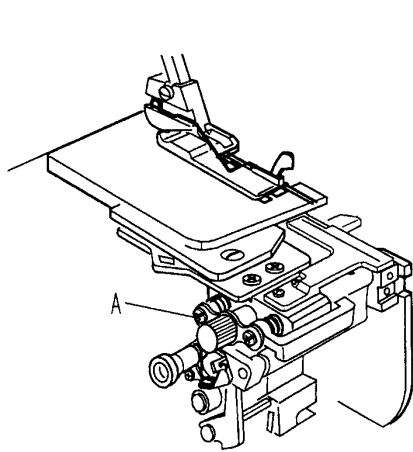
TO ADJUST THE POSITION OF THE KNIVES

Correct setting:

The tip of the lower knife should be levelled with the surface of needle plate. When the upper knife is at the lowest position, the front lower corner of upper knife should be 0.8 to 1.5 mm below the edge of lower knife.

To adjust:

1. Before proceeding with this adjustment, check the upper knife timing.
2. Loosen screw A then turn the slit of the eccentric pin B with a screwdriver until the lower knife blade is just even with the surface of the needle plate. (The lower knife blade should be slightly lower than the needle plate surface so that the fabric can slide smoothly.)
3. Turn the handwheel to bring upper knife to the lowest position.
4. Loosen the hexagon bolt, and adjust the position of upper knife.
5. Tighten the hexagon bolt.



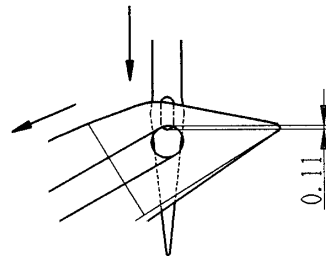
TO ADJUST OF THE DOUBLE CHAIN LOOPER TIMING

Correct setting:

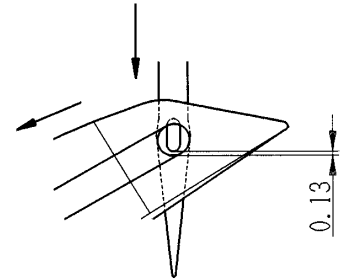
- The double chain looper timing with left needle (HA X ISP #14) should be adjusted 1.6 ± 0.1 mm.
- The double chain looper timing with the right needle (HA X ISP #14) is shown below.
- The following drawing shows how to set the double chain looper timing.
When the double chain looper returns from the rightmost position to the left side, the center of the threading eye of the double chain looper and the center of needle meets, as illustrated.

To adjust:

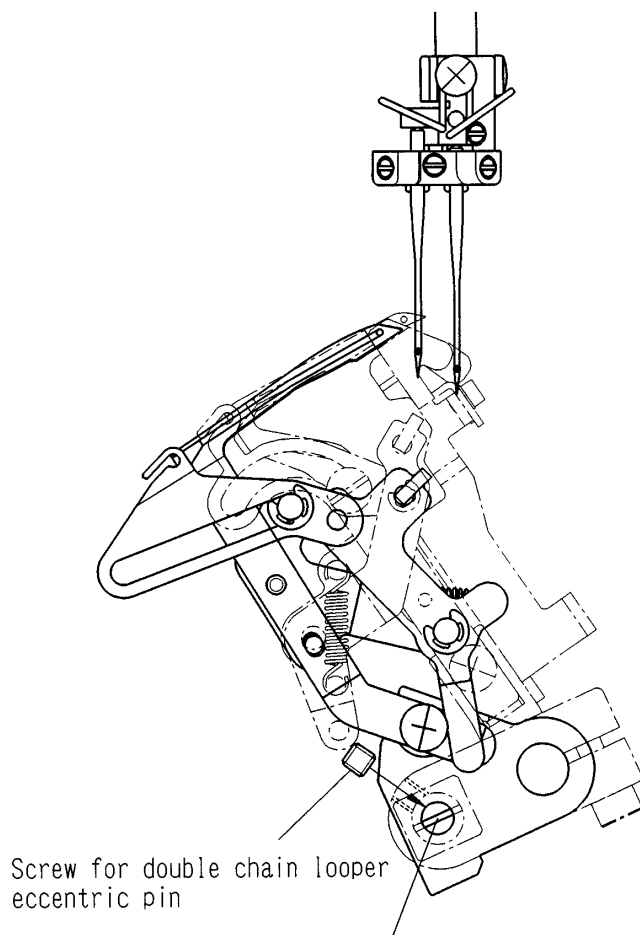
- To adjust the double chain looper timing, turn the double chain looper eccentric pin, as illustrated.



A direction

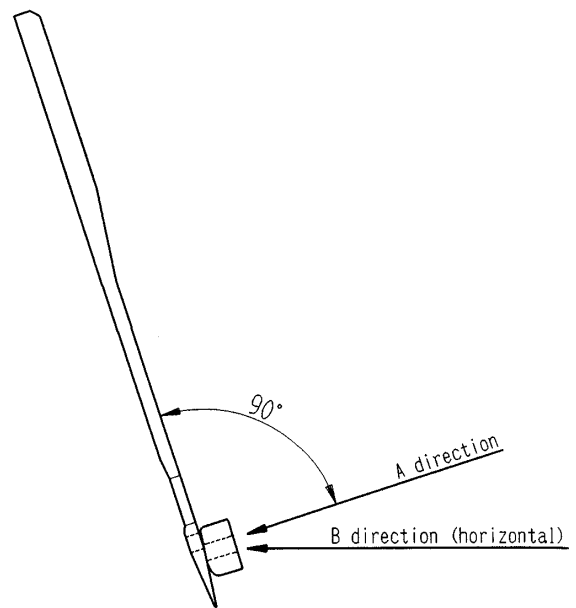


B direction



Screw for double chain looper eccentric pin

Double chain looper eccentric pin
(Loosen set screw and turn the eccentric pin)



Servicing gauge

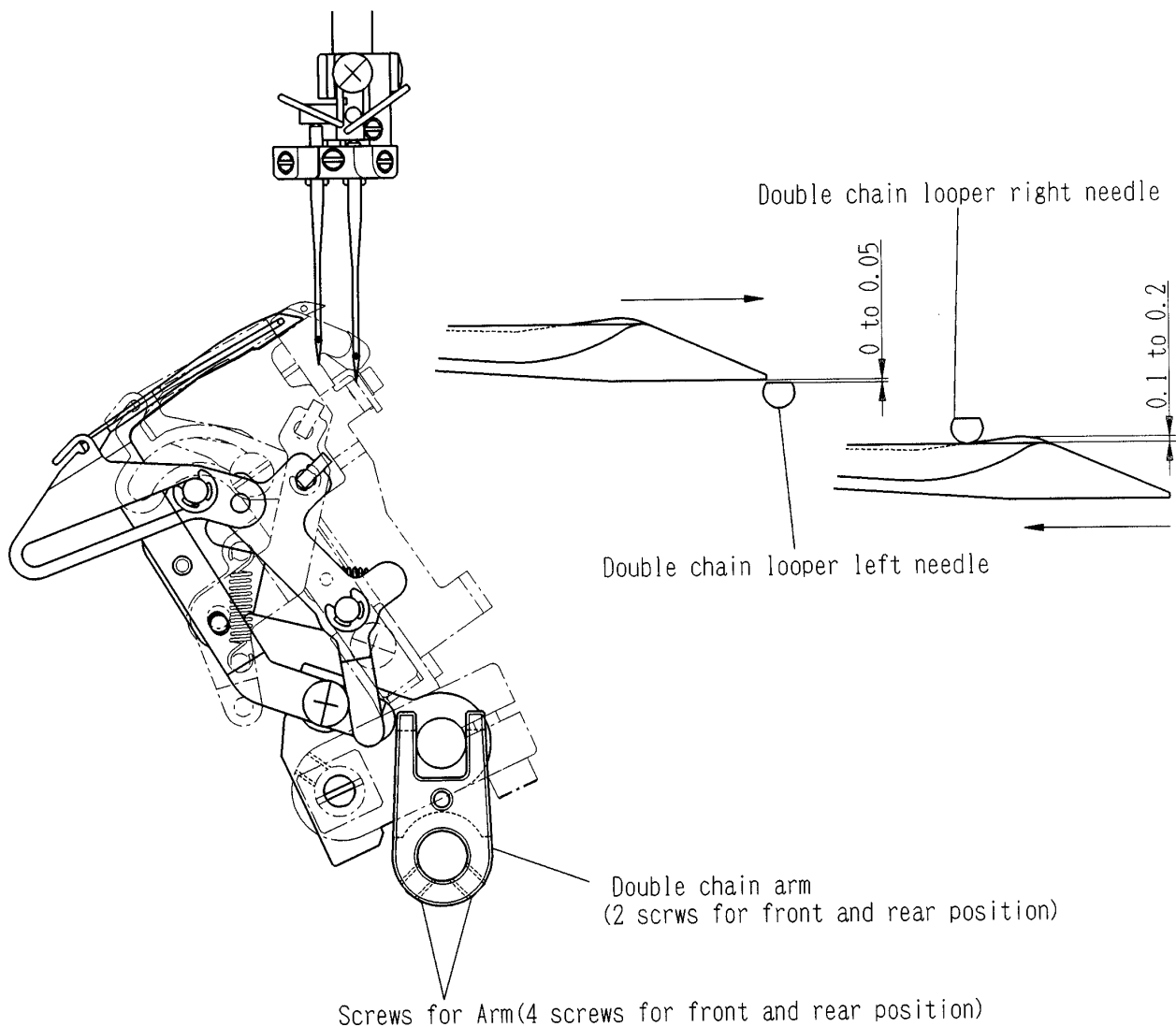
TO ADJUST THE CLEARANCE BETWEEN THE NEEDLE AND THE DOUBLE CHAIN LOOPER

Correct setting:

- The clearance between the left needle (HA X ISP #14) and the tip of the double chain looper should be 0 to 0.05 mm.
- The clearance between the right needle (HA X ISP #14) and the rear side of the convex on the double chain looper should be minus 0.1 to 0.2 mm as shown below.

To adjust:

- Adjust the clearance between the double chain looper and needle by moving it back and forth.
- Loosen the 2 screws on the front and rear of the double chain arm and move them slightly back and forth to adjust the timing.
- When you tighten the screws, turn the handwheel toward you to check that the double chain looper moves smoothly without play.
- Tighten the screws firmly.



TO ADJUST THE CLEARANCE BETWEEN NEEDLES AND FIXED NEEDLE GUARD

Correct setting:

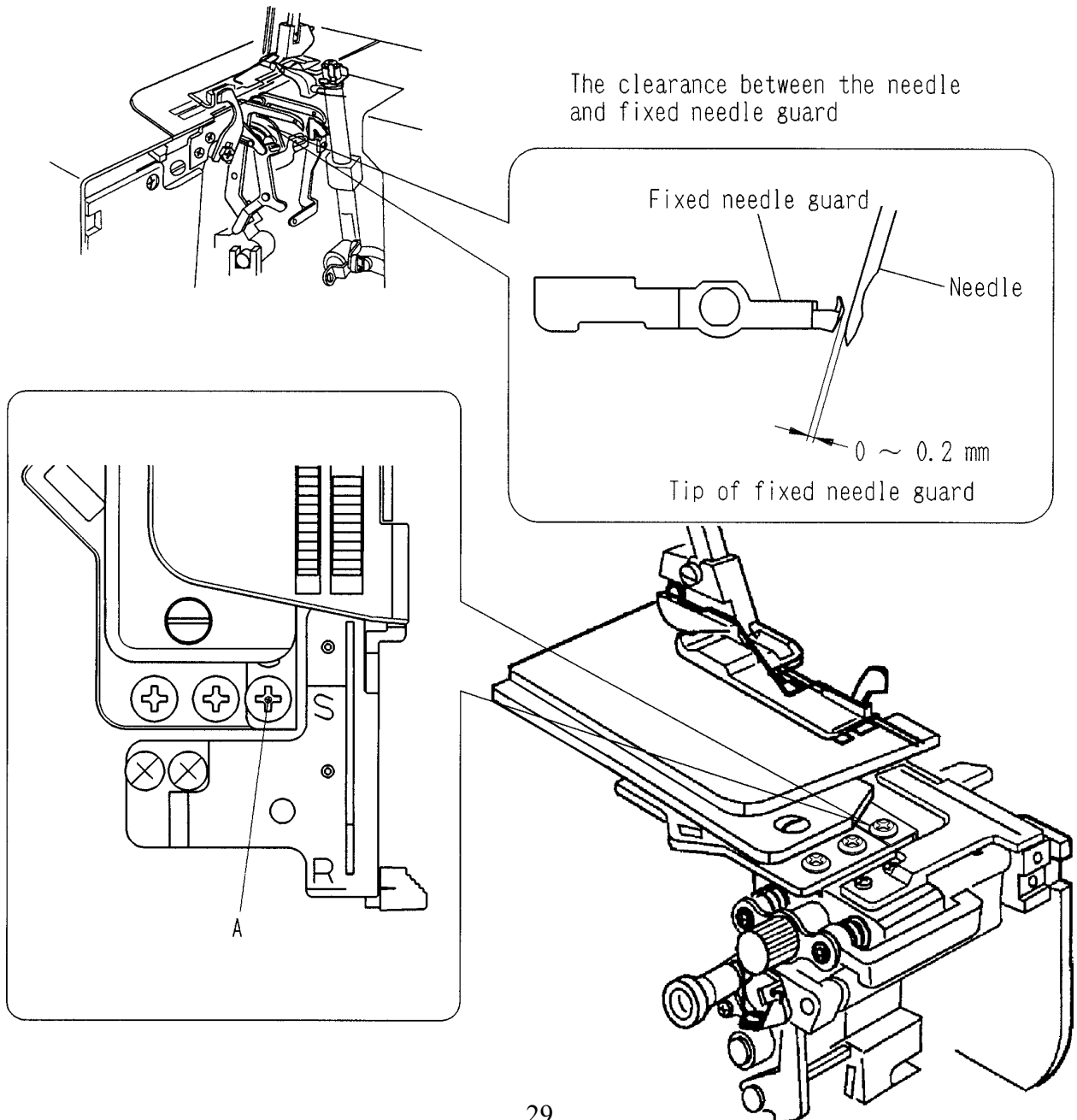
The clearance between front right or left needle (HA X ISP #14) and the fixed needle guard should be 0 to 0.2 mm.

To adjust:

1. Remove the presser foot and the needle plate and lower the needle to its lowest position.
2. Loosen the set screw A and adjust the position of the fixed needle guard.
3. Tighten the set screw A.
4. Attach the needle plate and the presser foot.

(Note)

- If the clearance is greater than it should be between rear side of the needle and the tip of the double chain looper, push the fixed needle guard slightly to the back. However, if you push the fixed needle guard too much, it will be hard to thread the double chain looper.



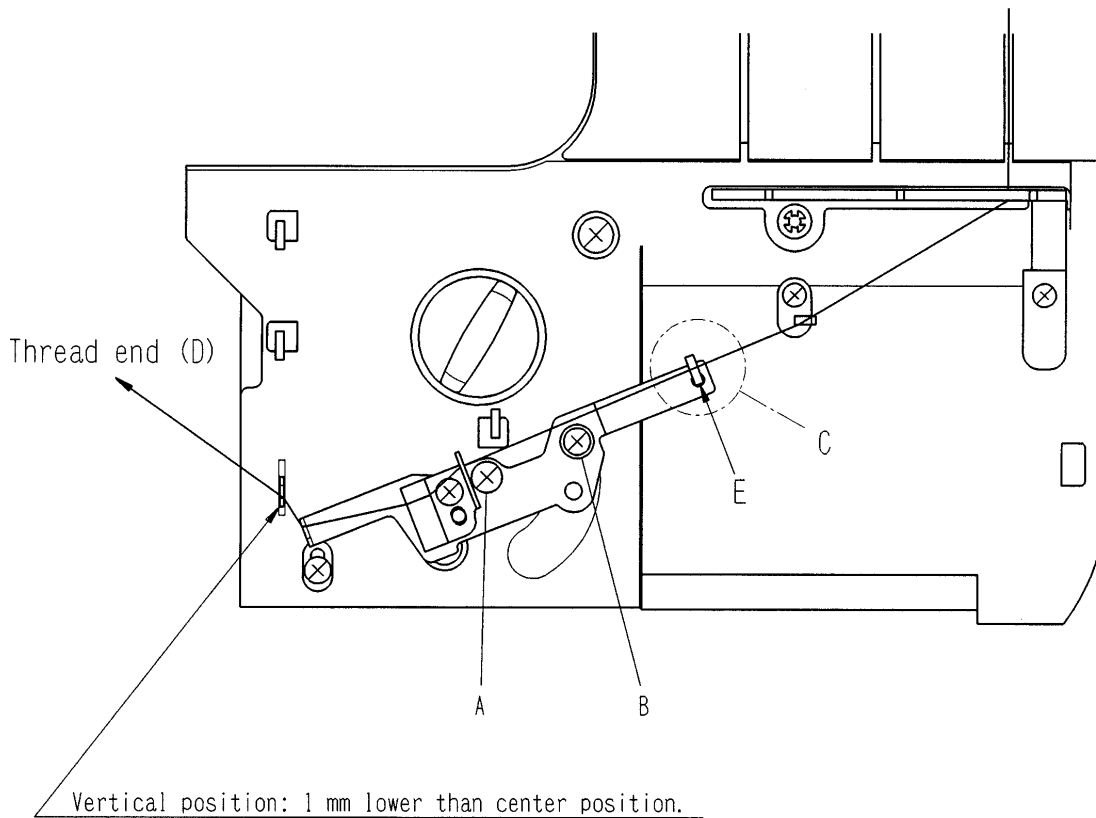
TO ADJUST THE POSITION OF THE DOUBLE CHAIN THREAD TAKE-UP LEVER

To remove:

1. Open the looper cover.
2. Loosen screw A and remove the double chain thread take-up lever.

To attach:

3. Attach the double chain thread take-up lever and tighten screw A temporarily.
4. Turn the handwheel toward you to raise the double chain thread take-up lever to its highest position.
5. Thread the cover stitch thread guide and loosen screws A and B.
6. Pull the end of the thread (D), so that the thread passes through the center of thread guide E, and tighten screws A, and B.



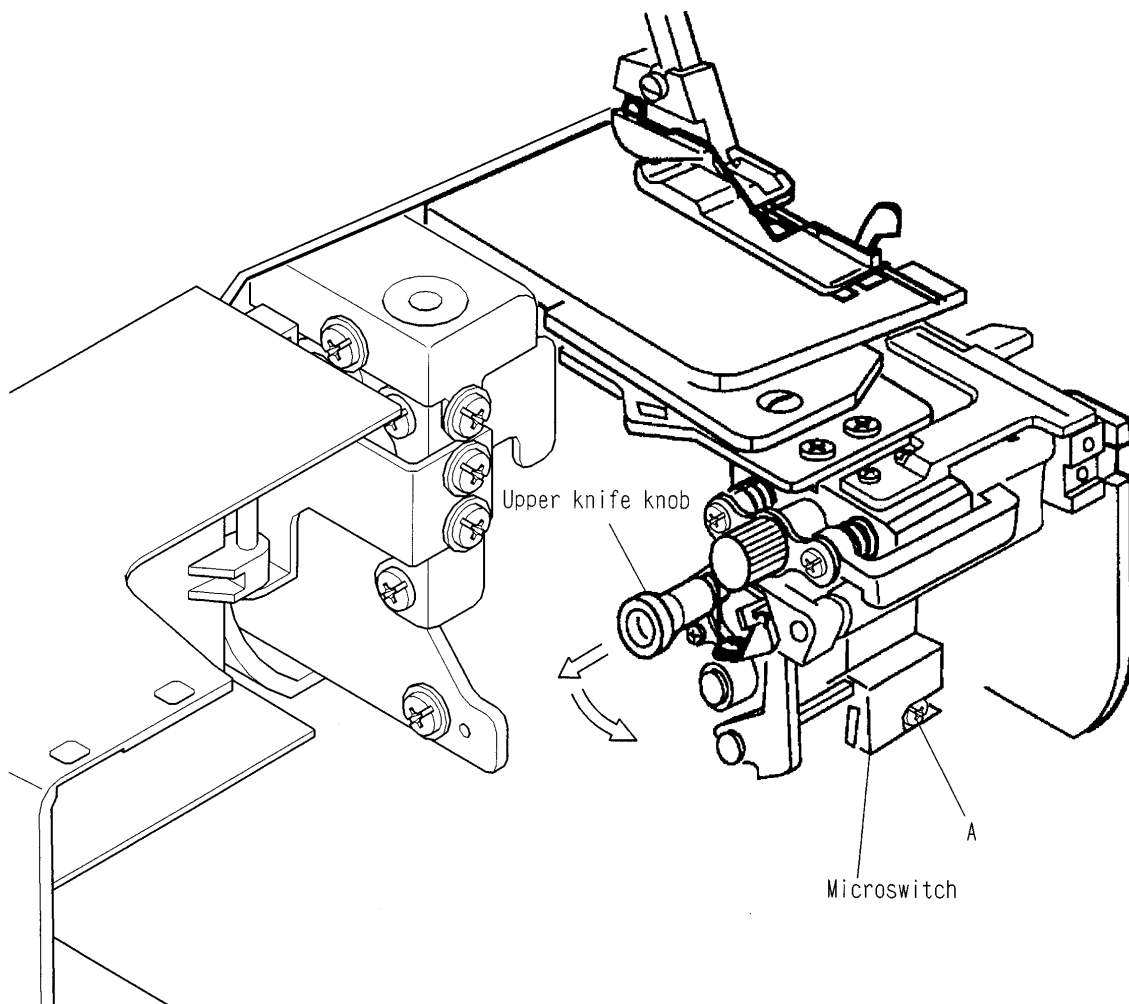
TO ADJUST THE SENSOR OF UPPER KNIFE

To remove:

1. Remove the inner cover.

To adjust:

2. Pull the upper knife knob to the left and slide it down.
3. Loosen screw A.
4. Slide the microswitch from right to left until it clicks and tighten the screw A firmly.
(Make sure you don't push the microswitch too hard.)



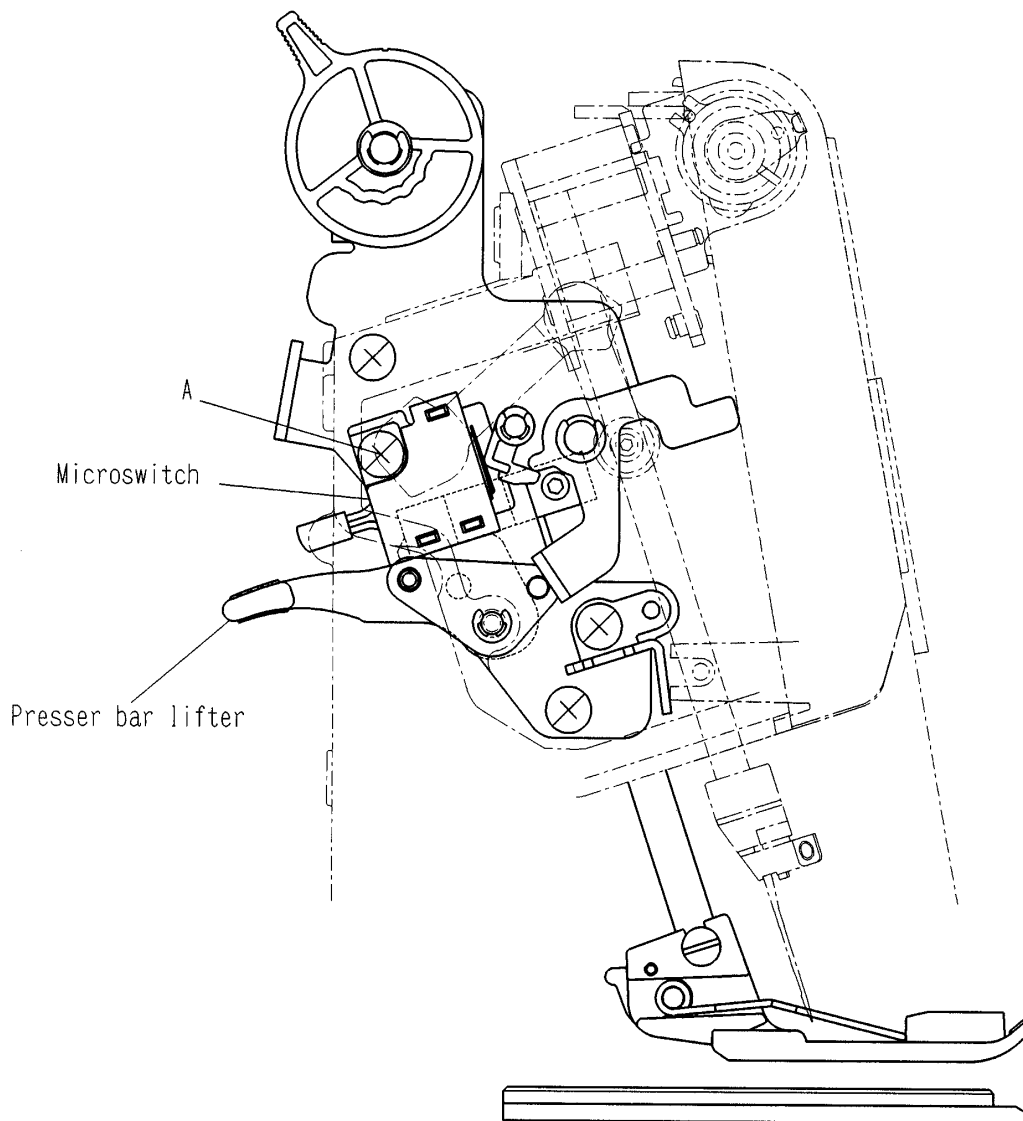
TO ADJUST THE SENSOR OF PRESSER FOOT

To remove:

1. Remove the face plate unit.

To adjust:

2. Raise the presser foot lifter.
3. Loosen screw A.
4. Slide the microswitch from lower left to upper right until it clicks and tighten screw A firmly.
(Make sure you don't push the microswitch too hard.)



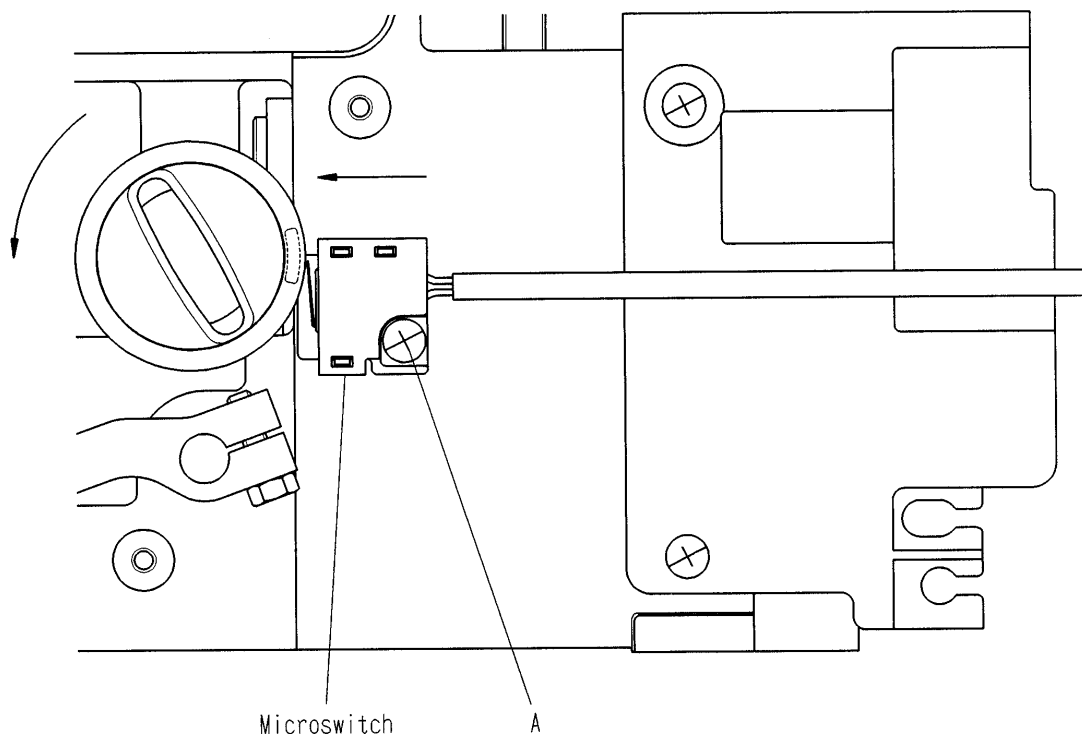
TO ADJUST THE SENSOR OF UPPER LOOPER

To remove:

1. Remove the face plate unit, belt cover, top cover unit and front cover unit.

To adjust:

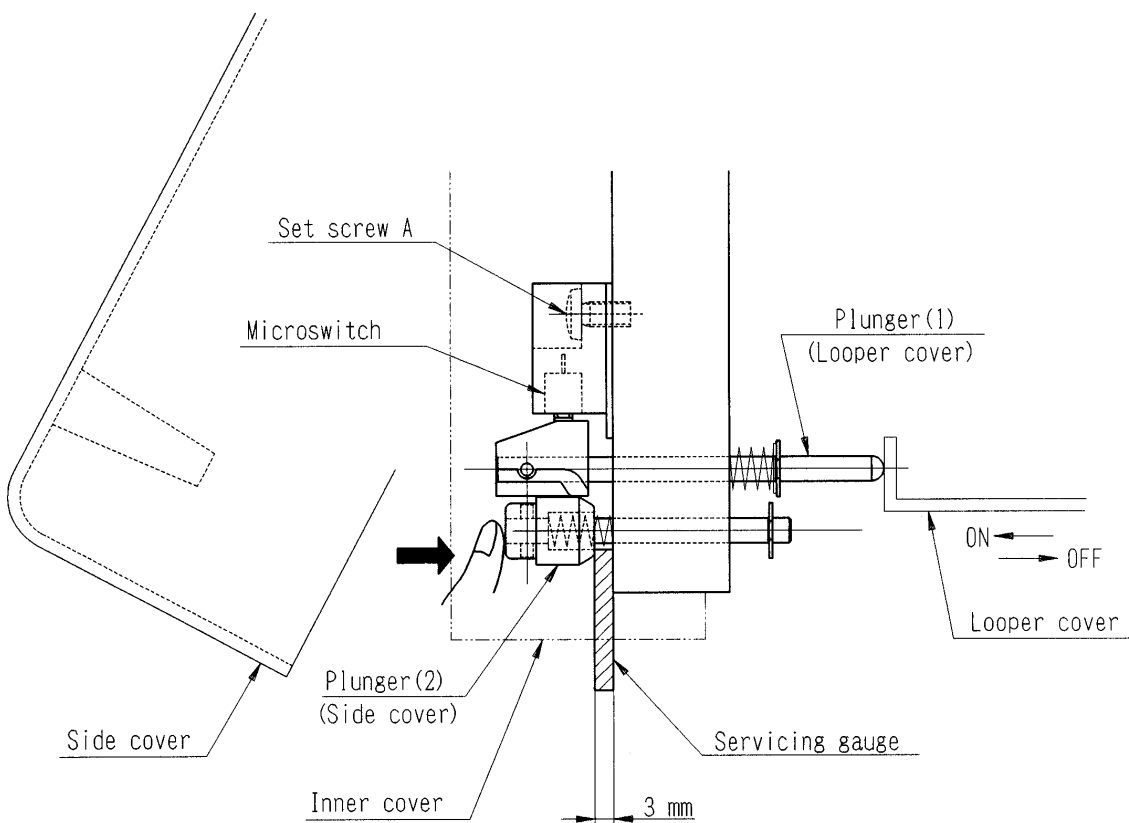
2. Turn the upper looper positioning dial to the left to deactivate it.
3. Loosen screw A.
4. Slide the microswitch from right to left until it clicks and tighten the screw A firmly.
(Make sure you don't push the microswitch too hard.)



TO ADJUST THE SENSOR OF SIDE COVER AND LOOPER COVER

To adjust:

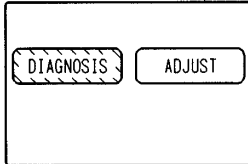
1. Remove the inner cover
2. Turn the cutting width adjusting dial clockwise.
The lower knife will move to most right position.
3. Insert 3mm service gauge between casting and plunger(2) as illustrated.
4. Depress plunger(2) against gauge.
Check proper operation of side cover / looper cover microswitch position.
5. If incorrect, loosen set screw A to adjust microswitch position.
Caution: Microswitch is sensitive and avoid excessive movement.
6. After the adjustment is finished, attach the inner cover.
7. Turn the cutting width adjusting dial to move the cutting blades to the standard setting position.



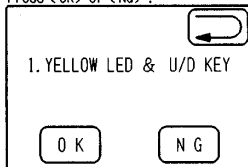
SELF CHECK (DIAGNOSIS)

1. Press and hold the Up/Down key and turn on the power switch.
2. As soon as the power comes on, release the Up/Down key.
3. Press the (DIAGNOSIS) key on the touch panel.

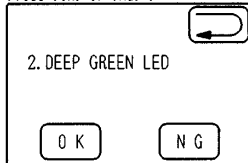
- Press the (DIAGNOSIS) key.



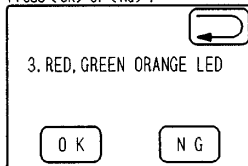
- Confirm that the yellow LED is blinking and that a buzzer is heard by pressing the Up/Down key. Press (OK) or (NG).



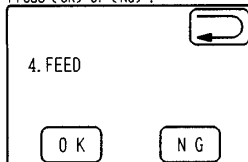
- Confirm that the deep green LED is blinking. Press (OK) or (NG).



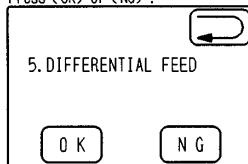
- Confirm that the red, green and orange LEDs are blinking. Press (OK) or (NG).



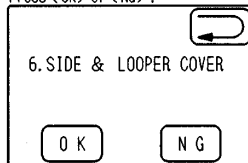
- Rotate the feed dial and confirm that the buzzer sounds at the Max. and Min. positions. Press (OK) or (NG).



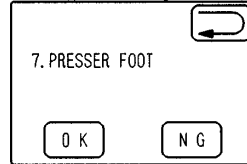
- Turn the differential feed dial confirm that the buzzer sounds at the Max. and Min. position. Press (OK) or (NG).



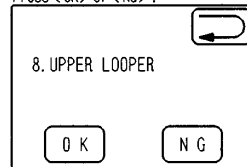
- With the side cover closed, open and close the looper cover. The buzzer should sound. Then, with the looper cover closed, open and close the side cover to hear the buzzer. Press (OK) or (NG).



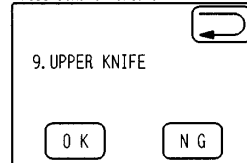
- Move the presser foot lever up and down. If you hear a buzzer sound, press (OK). Otherwise, press (NG) (negative or "no good").



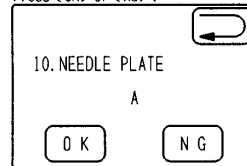
- Turn the upper looper release dial left and right and confirm that a buzzer sound is emitted. Press (OK) or (NG).



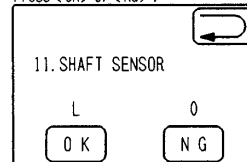
- Move the upper knife adjusting knob to engage and disengage it. Confirm the buzzer sound. Press (OK) or (NG).



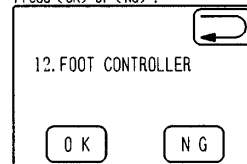
- Change the needle plate and check the sign on the screen. Press (OK) or (NG).



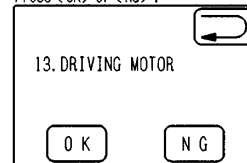
- Turn the handwheel and check the sign on the screen. Press (OK) or (NG).



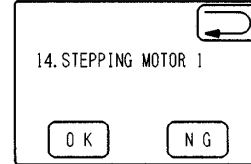
- Move the foot controller up and down. If you hear a buzzer sound. Press (OK) or (NG).



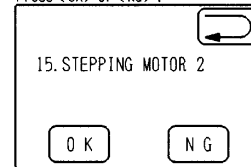
- Move the foot controller down and confirm that the driving motor turns. Press (OK) or (NG).



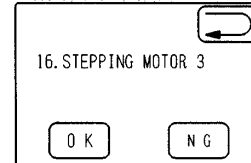
- Press the Up/Down key and confirm that the left needle stepping motor resets. Depending on the results. Press (OK) or (NG).



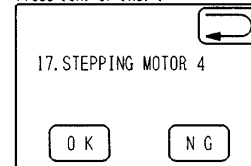
- Press the Up/Down key and confirm that the right needle stepping motor resets. Press (OK) or (NG).



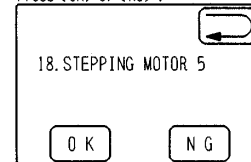
- Press the Up/Down key and confirm that the upper looper stepping motor resets. Press (OK) or (NG).



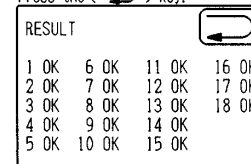
- Press the Up/Down key and confirm that the lower looper stepping motor resets. Press (OK) or (NG).



- Press the Up/Down key and confirm that the double-chain looper stepping motor resets. Press (OK) or (NG).



- Check the results of the diagnosis. Press the () key.



TO CHANGE "AUTO-DATA" AFTER SHIPMENT

For the particular area, if you have to change the Auto-Data (recommended thread tension, stitch length and differential feed setting) on the Compulock, you can change it, as follows:

(Note)

When you change the setting data on the Auto-Data, the recommended thread type will not be shown on the display screen.

Generally, we recommend memorizing the consumer's desired setting data in the memory function.

Also, when you press [C] key, all of setting data (Auto-Data) will be returned to the original factory setting.

Steps:

1. Turn on the power switch while pressing the Up/Down key.
2. Release the Up/Down key immediately after the power switch is turned on.
3. Press [ADJUST] key.
4. For example:
Press [OVERLOCK 4] key for the desired setting.
5. Threads the trial thread on the thread guides of OVERLOCK 4 and sew.
For test sewing, use the polyester span thread #60.
For test sewing, use two layers of broad cloth.
6. If the thread tension is too tight, press "-" key.
If the thread tension is too loose, press "+" key.
7. If you would like to change the stitch length and differential feed ratio, adjust them by the dials.
- Leave as it is, if you don't need to change the machine setting.
8. When you finished the adjustment of the setting, press [→ MEM] key.

