

SEWMAQ®

SW-664



INSTRUCTION MANUAL

INTRODUCTION

Thank you very much for purchasing
Series machine.

This instruction manual describes daily routine
maintenance and safety precautions to keep
the machine in the best possible conditions.

Please study this manual very carefully before
operating the machine.



CAUTION

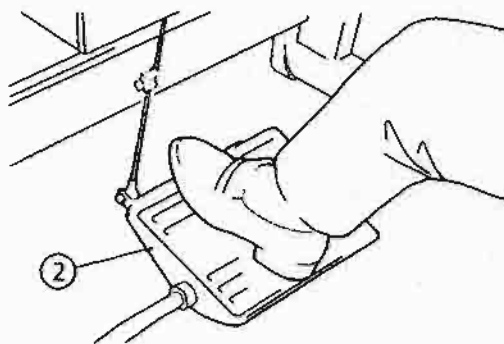
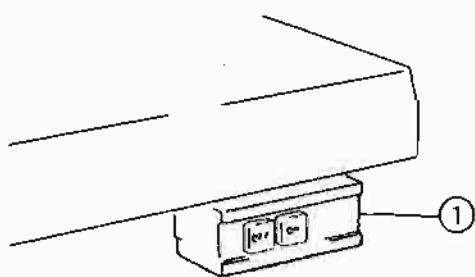
OBSERVE THESE SAFETY PRECAUTIONS

Though Sunshine takes the utmost care to produce safe sewing machines and devices, operators should follow these basic safety rules.

- To prevent accidents, do not remove safety devices or parts while operating the machine.
- Do not leave tools or other unnecessary objects on the machine table while operating the machine.
- Before maintenance, adjusting, cleaning, threading or replacing the needle, and to prevent accidents, be sure the power is turned off. Check that the machine will not operate when the pedal is pressed.

Note

In case a crutch type motor is used, it will keep on rotation by inertia after turning off power supply ①. If the machine pedal ② is stepped on inadvertently, it is dangerous because the machine will move unexpectedly. Keep on stepping on the pedal ② until the machine comes to a stop after turning off power supply.



- Turn the power off before leaving the machine table.
- In the event of a power failure, be sure to turn the machine off.
- Check that the machine is securely grounded.

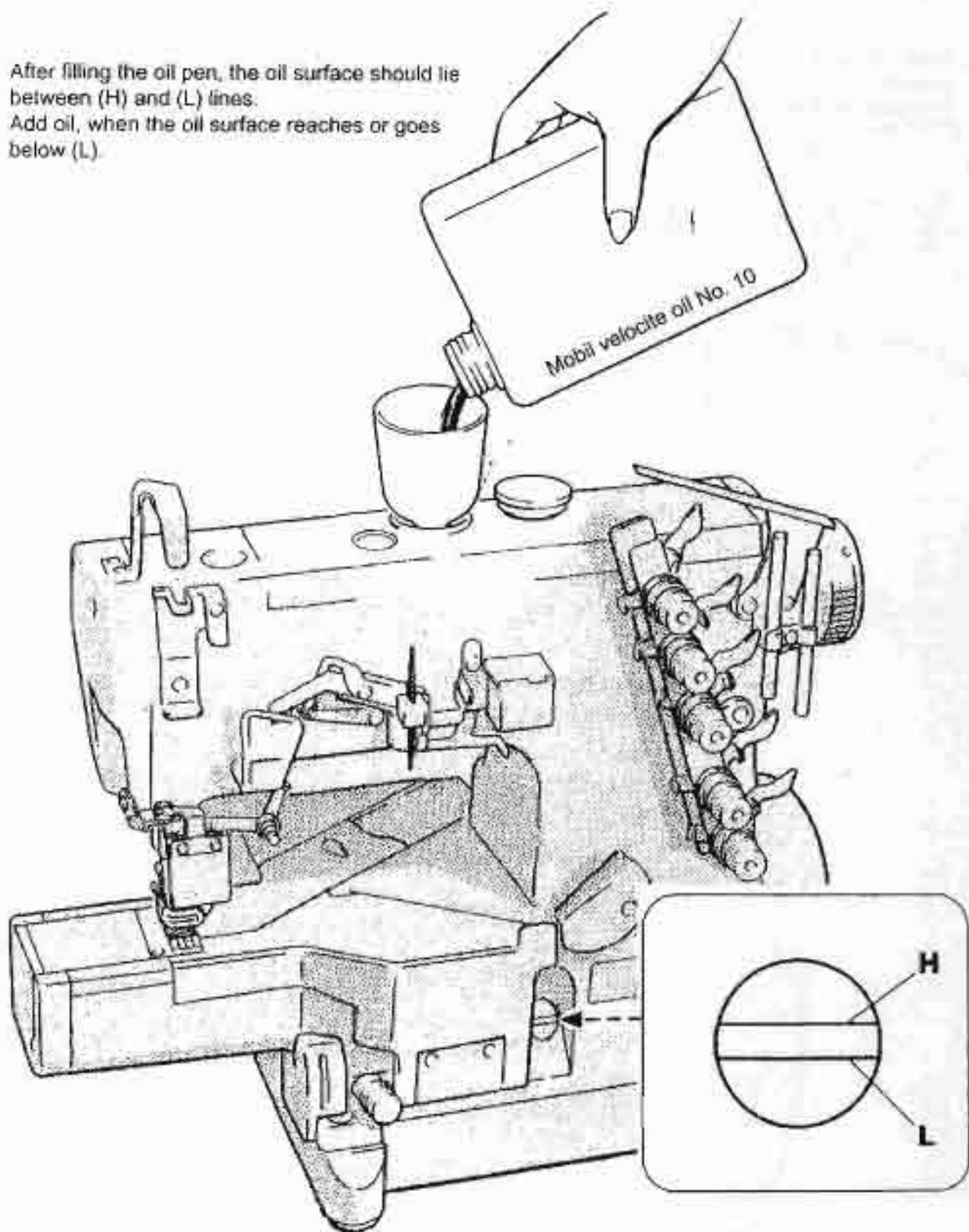
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BEFORE
OPERATING

Lubrication

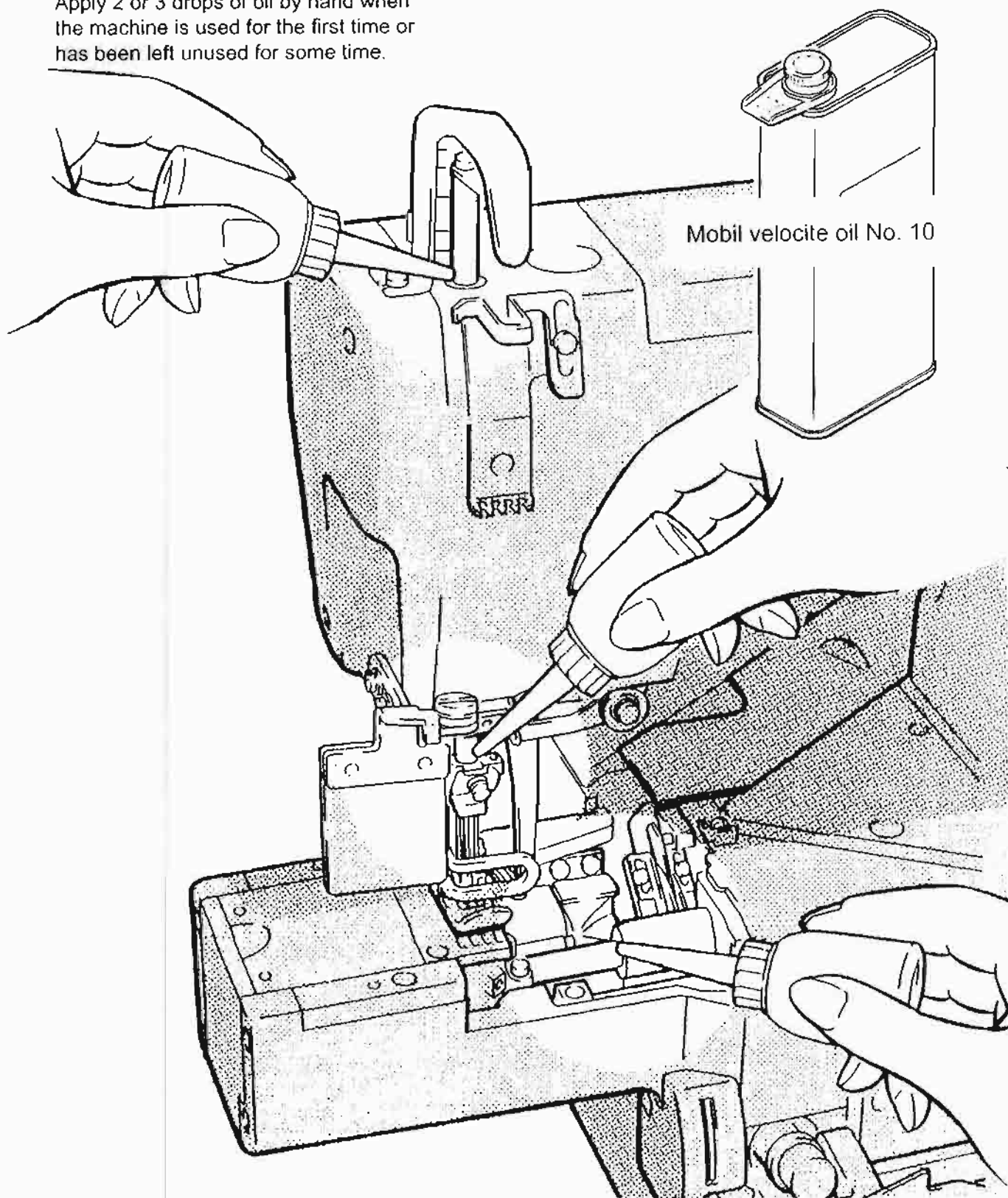
After filling the oil pen, the oil surface should lie between (H) and (L) lines.
Add oil, when the oil surface reaches or goes below (L).



BEFORE
OPERATING

Manual lubrication

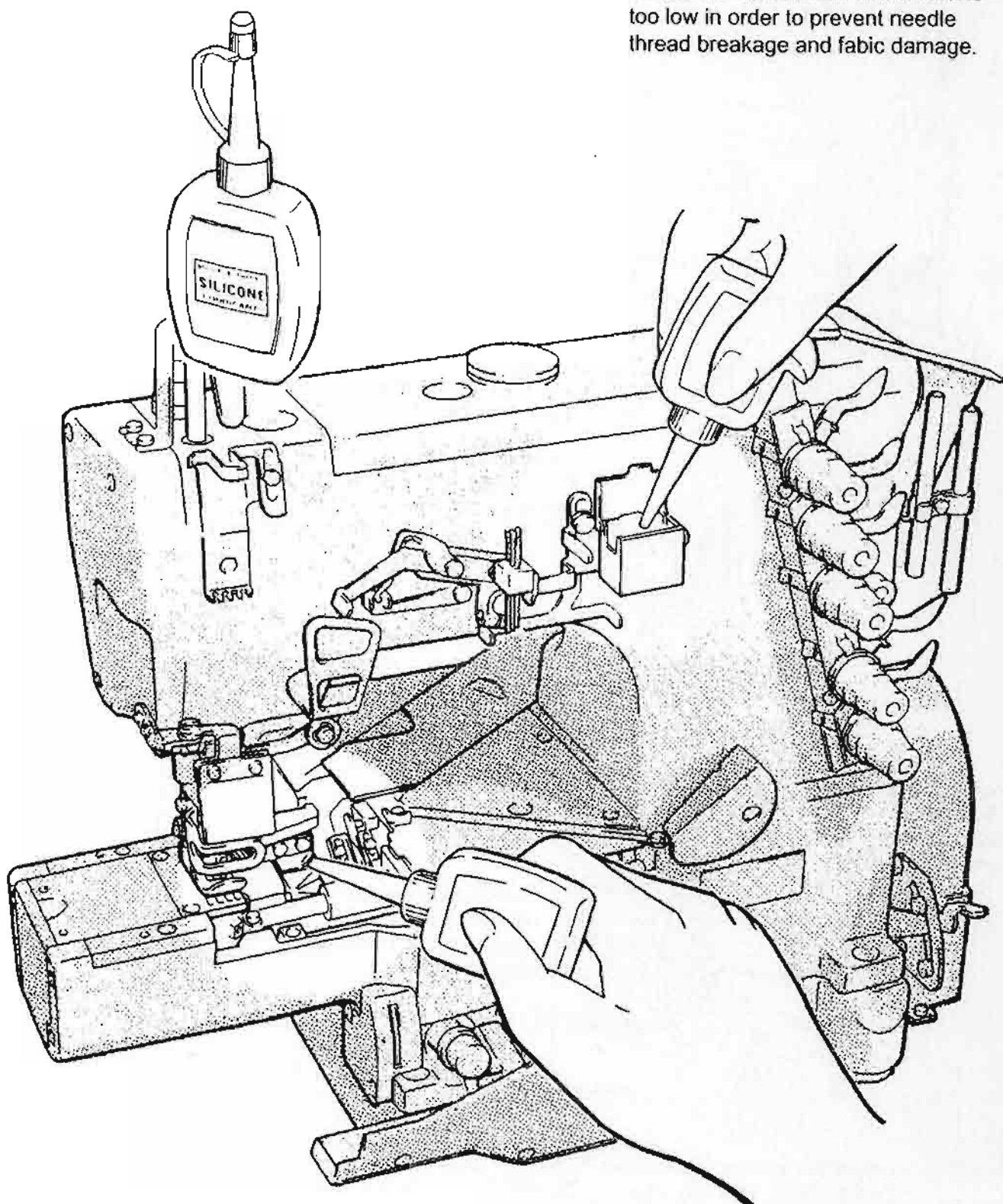
Apply 2 or 3 drops of oil by hand when the machine is used for the first time or has been left unused for some time.



BEFORE
OPERATING

HR
Filling thr HR device with silicon oil

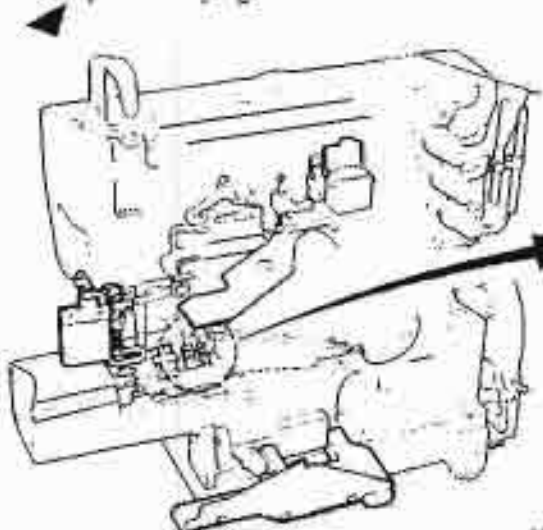
Fill the HR device with oil before it is too low in order to prevent needle thread breakage and fabric damage.



**BEFORE
OPERATING**

Threading

① Open the eye guard and three covers.



② Press down



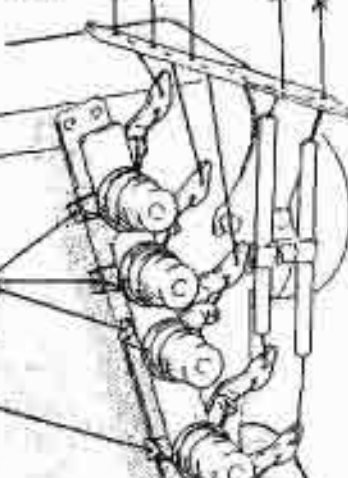
The looper thread take-up lifts up.

④ Replace the looper thread take-up after threading.



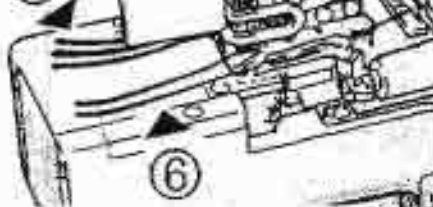
Knot the preset thread and the thread being used together to thread the machine.

③



Needle thread
Trim the knots off neatly before passing through the eye of the needle to rethread.

⑤



Be sure to thread the machine correctly by referring to the threading diagram. (see P.5)

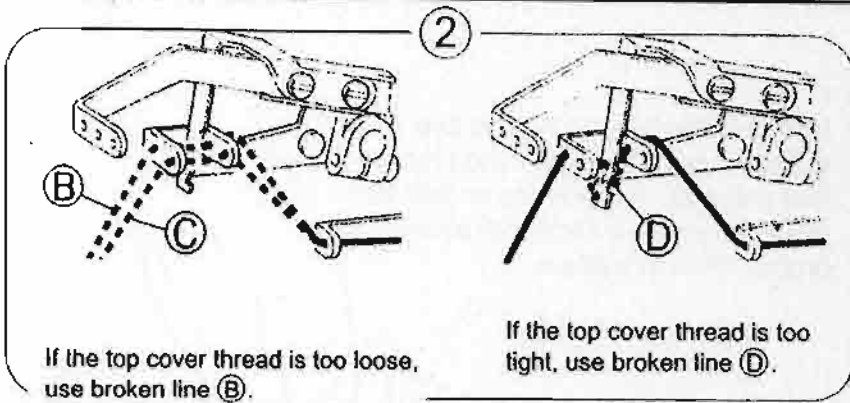
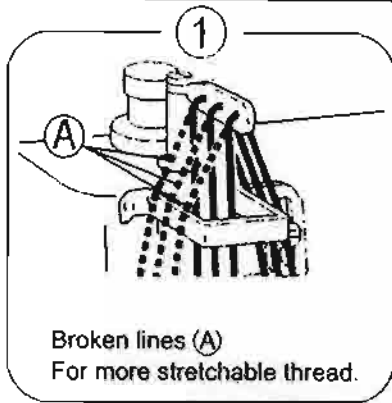
⑥

Looper thread, Top cover thread
Trim the knots off neatly after passing through the eye of the looper.

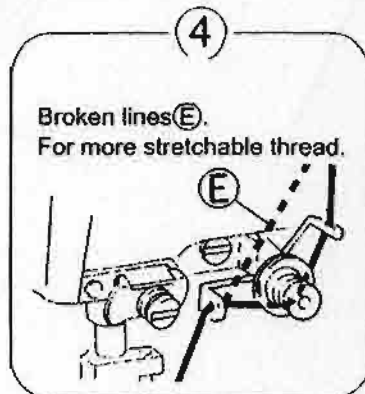
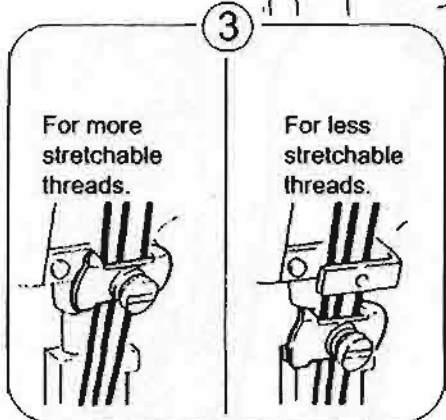
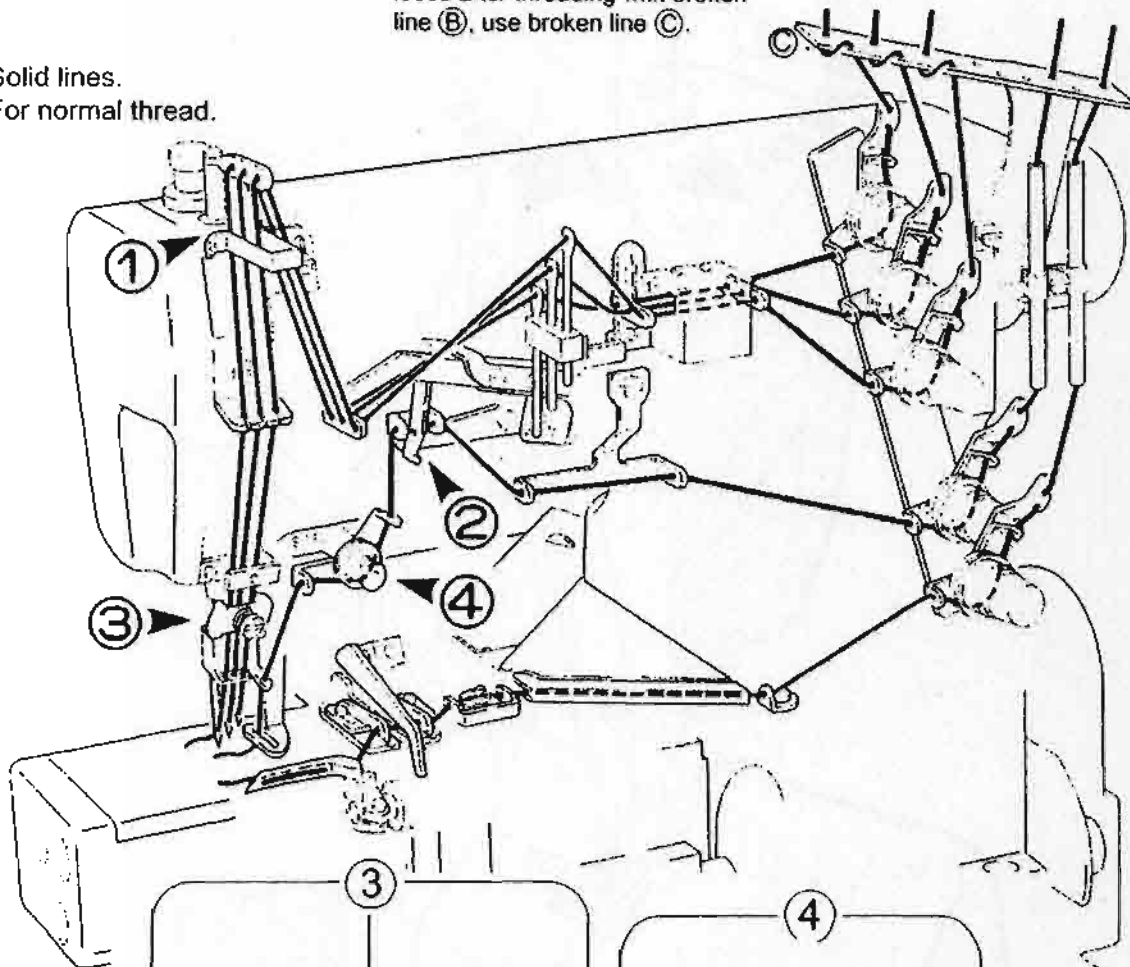


**BEFORE
OPERATING**

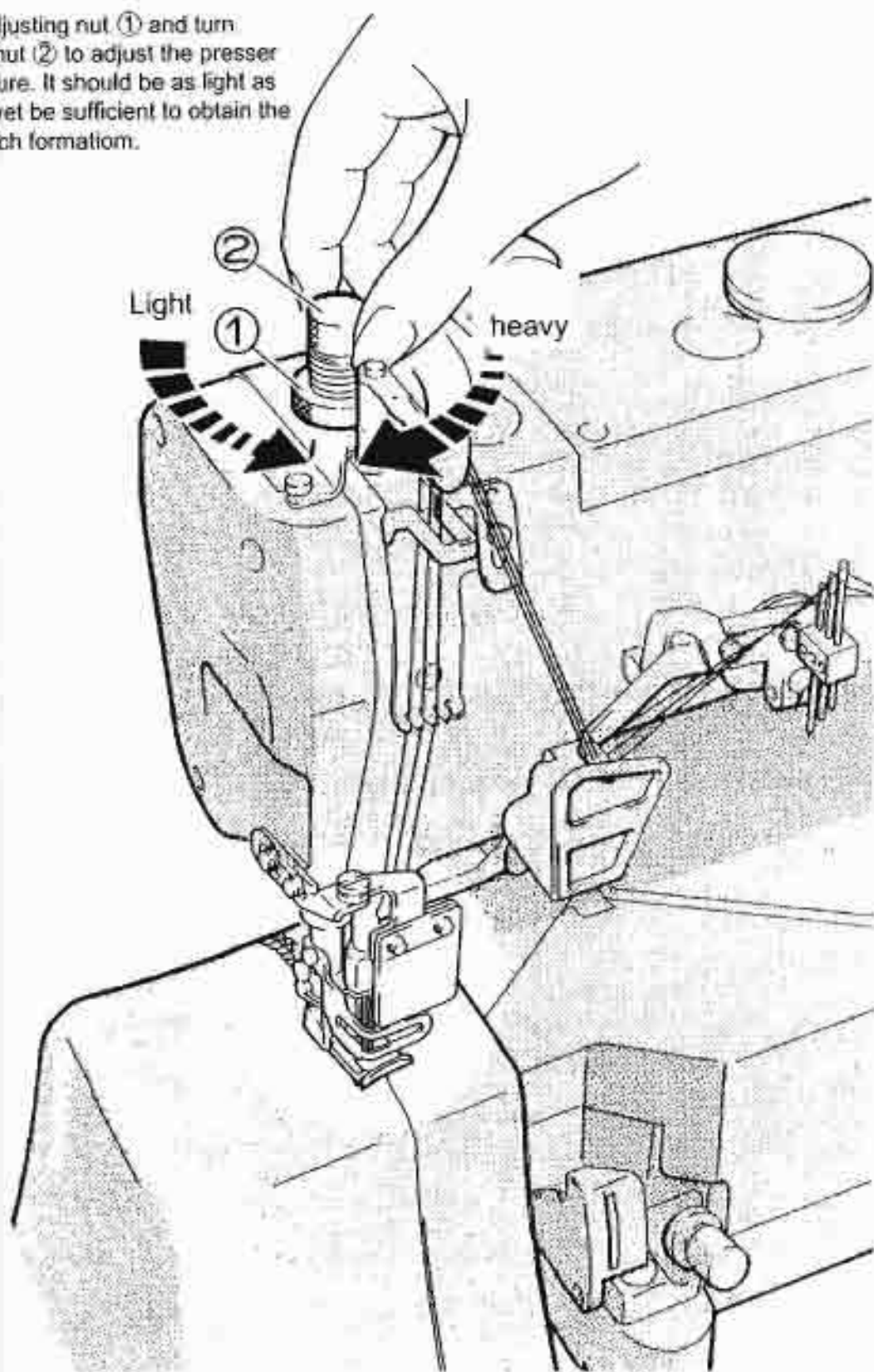
Threading diagram



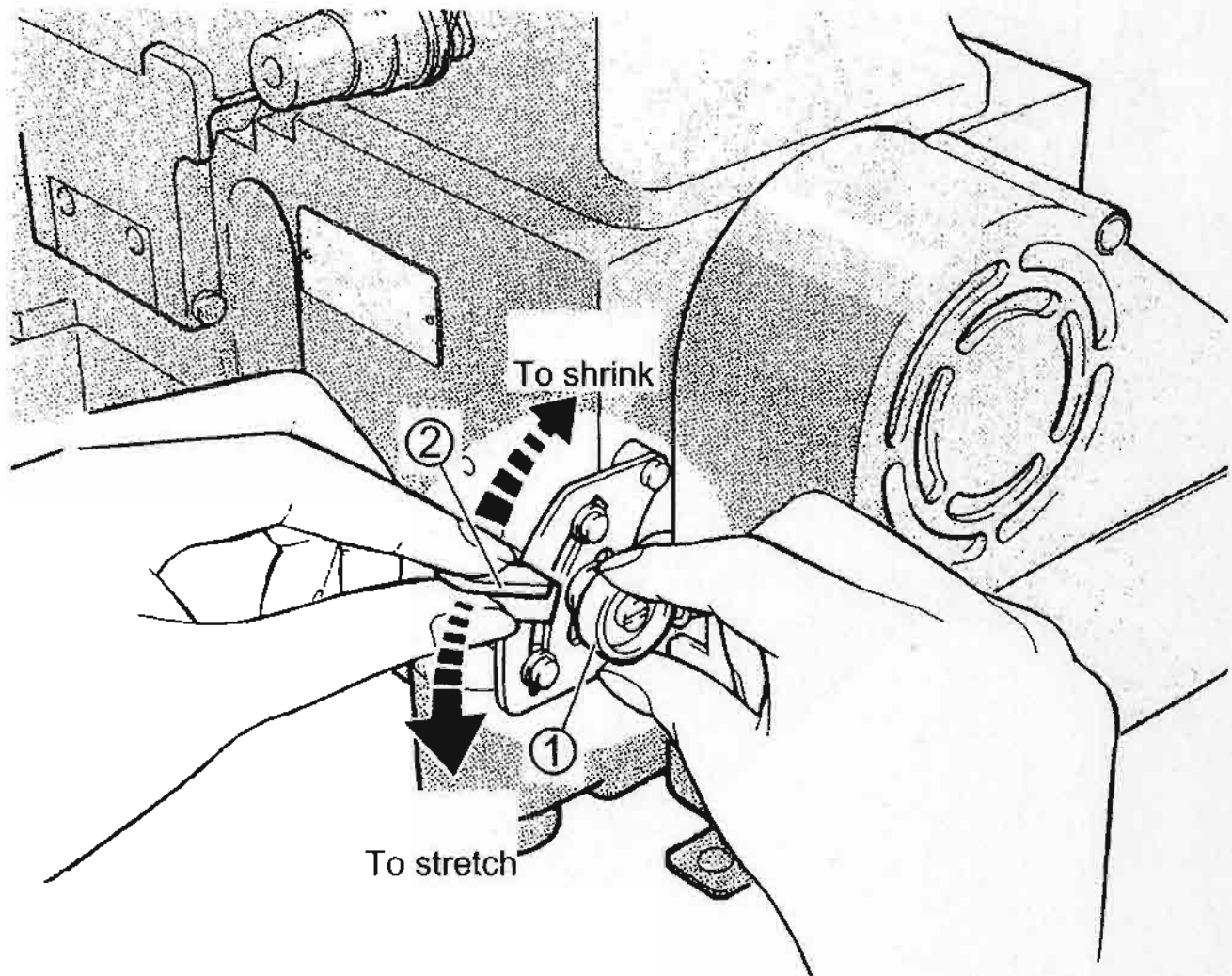
Solid lines.
For normal thread.



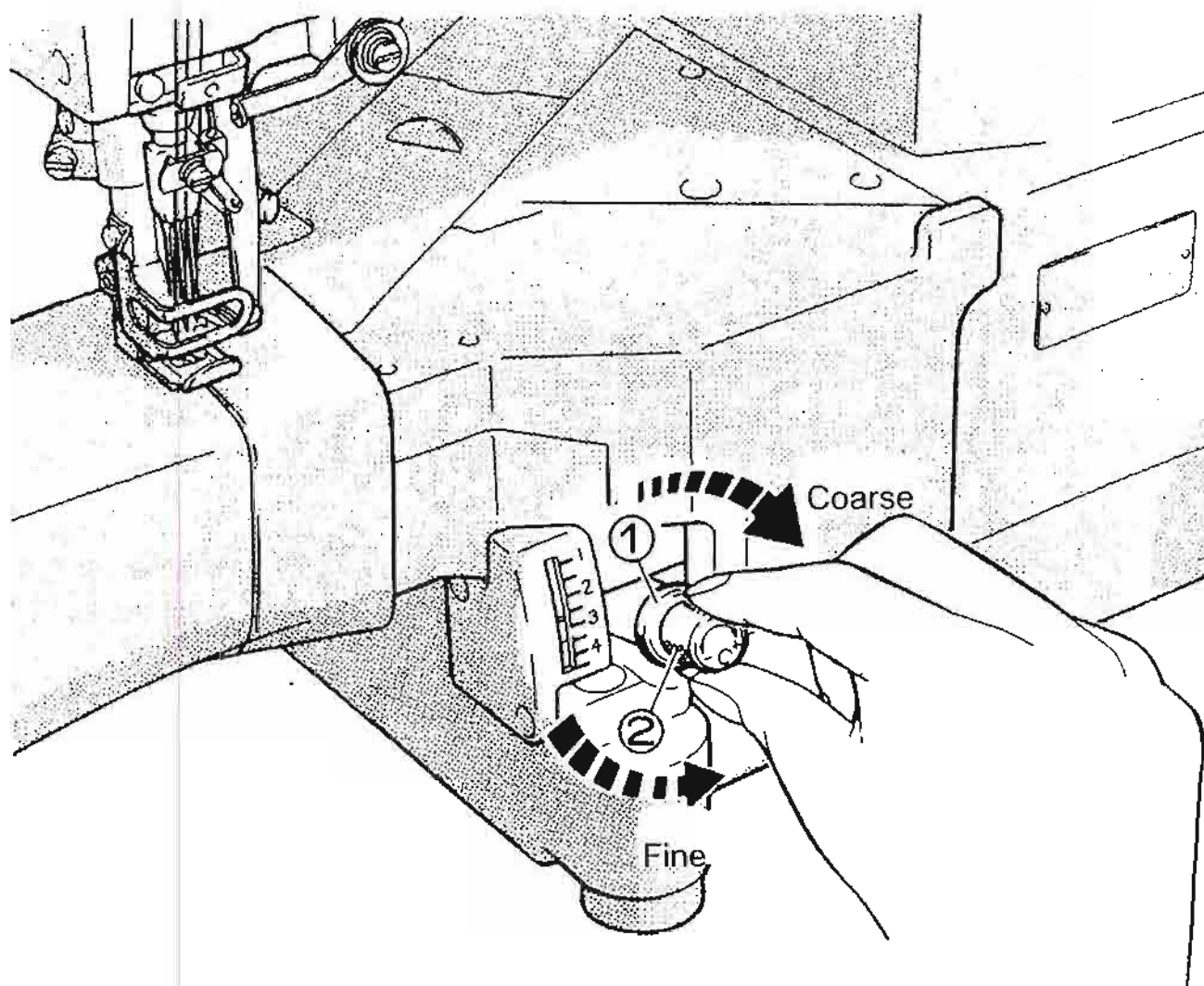
Loosen adjusting nut ① and turn adjusting nut ② to adjust the presser foot pressure. It should be as light as possible, yet be sufficient to obtain the proper stitch formation.



Loosen nut ① and move the lever up ② and down to obtain the correct differential feed ratio, then tighten nut ①.

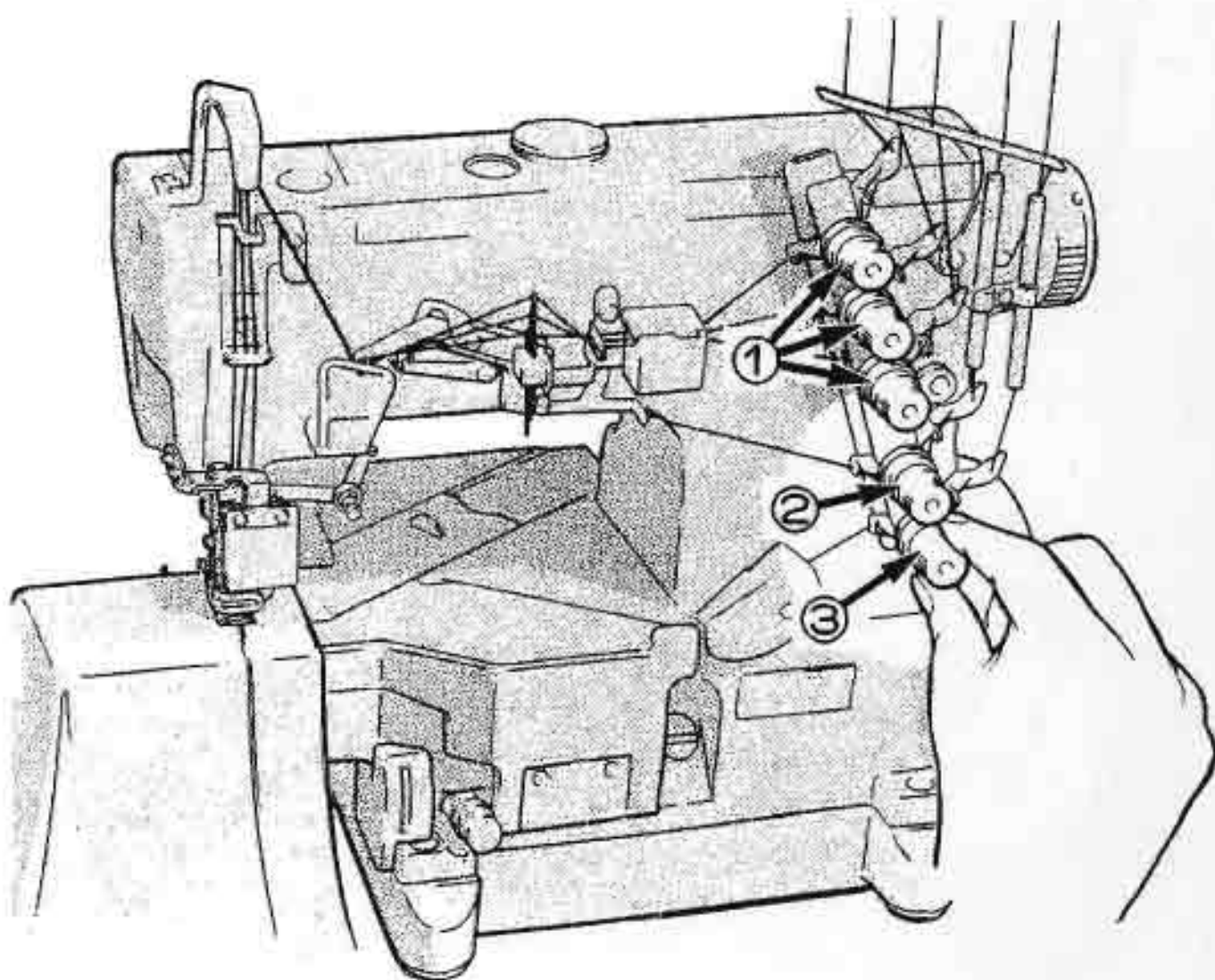
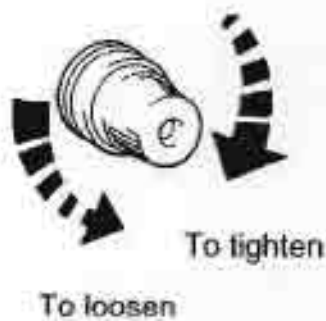


Loosen adjusting nut ① and turn adjusting screw ② to adjust the stitch length.



Note: Stitch length adjustment must only be made after the differential feed ratio has been changed.

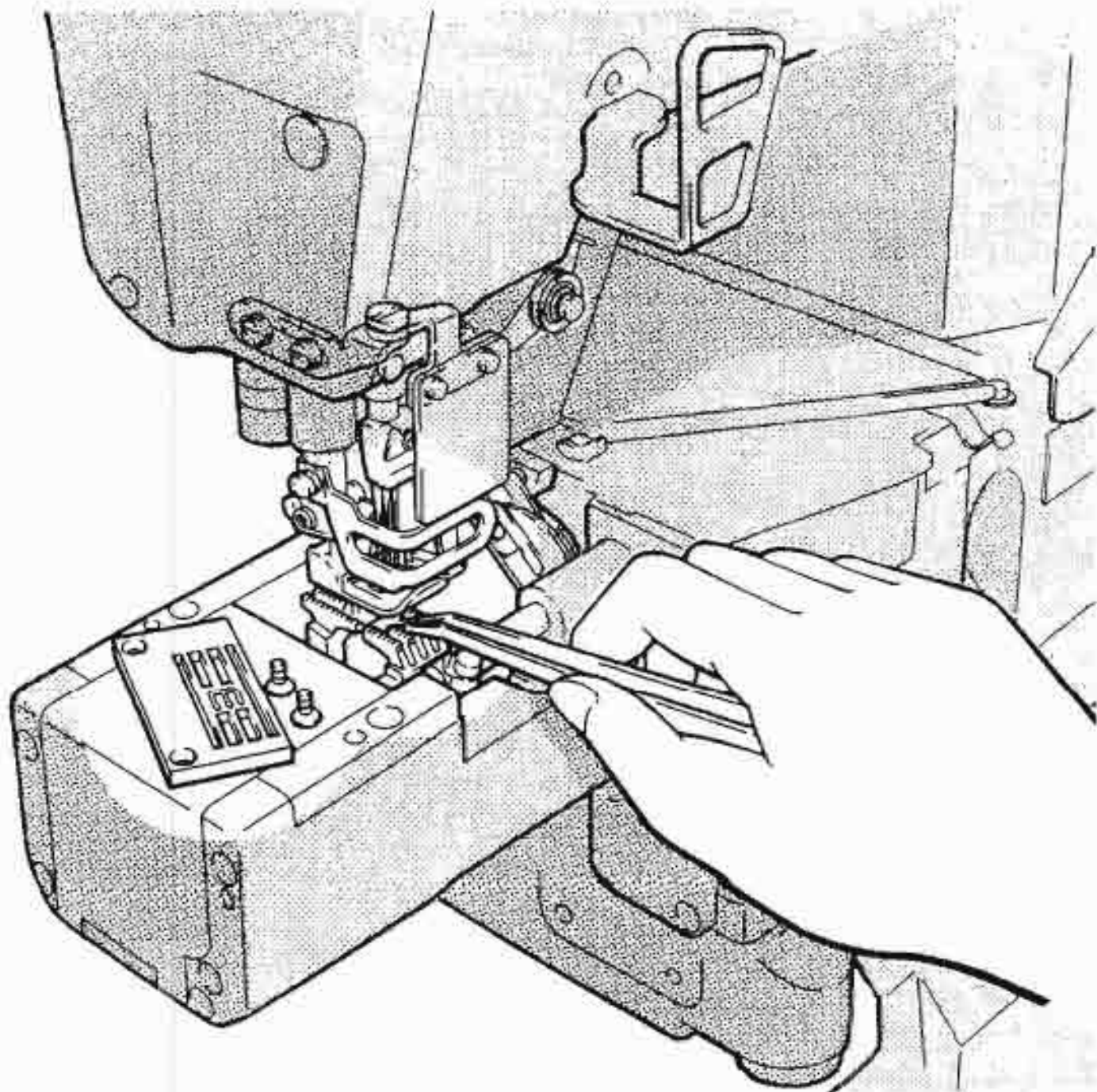
Make tension adjustments with needle thread knob①, top cover thread knob②and lower looper knob③



**MAINTENANCE
DURING USE**

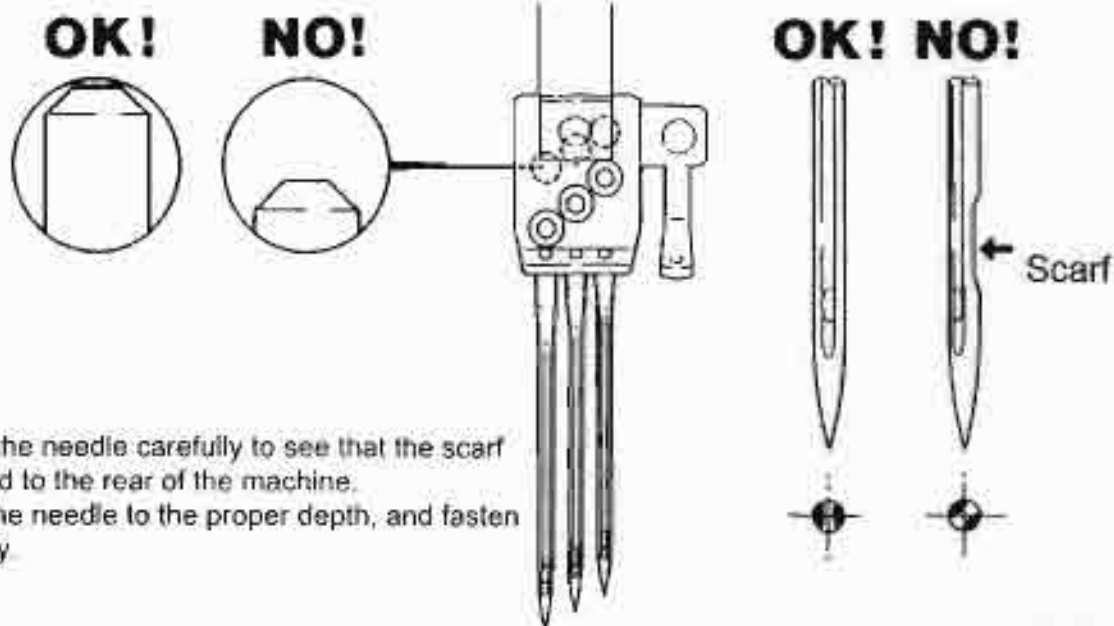
Cleaning the machine

Mainly the slots of the needle plate and the feed rows should be cleaned.



**MAINTENANCE
DURING USE**

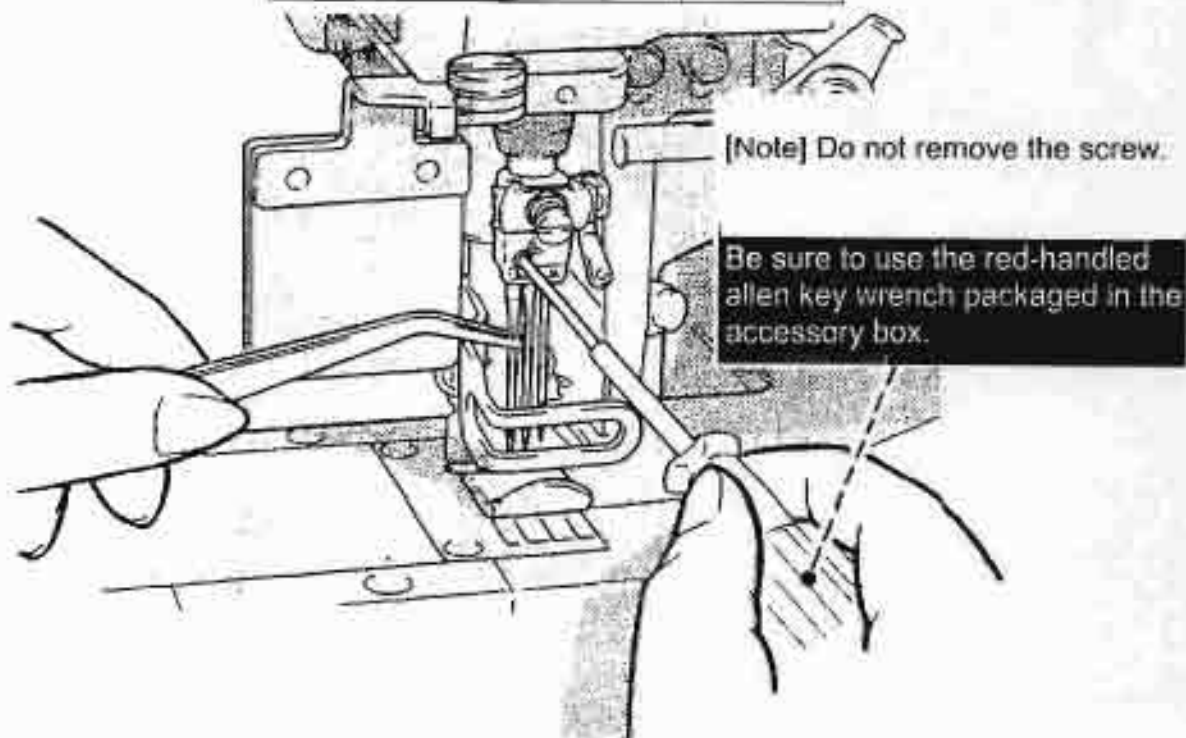
Replacing the needle

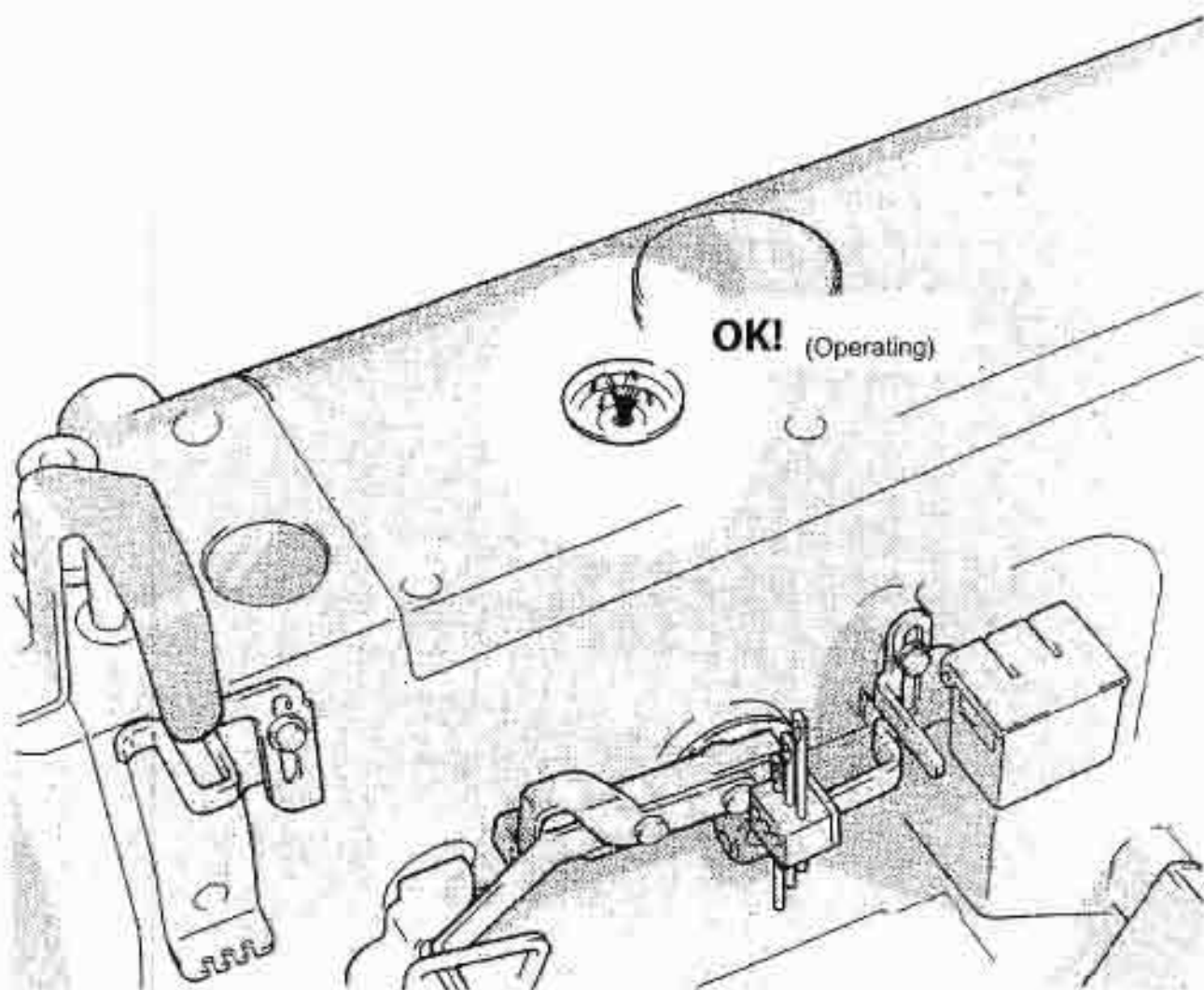


Check the needle carefully to see that the scarf is turned to the rear of the machine. Insert the needle to the proper depth, and fasten securely.

Standard needle

	NEEDLE SIZE	
	2 2-needle	3 3-needle
UY128GAS	# 9	# 10

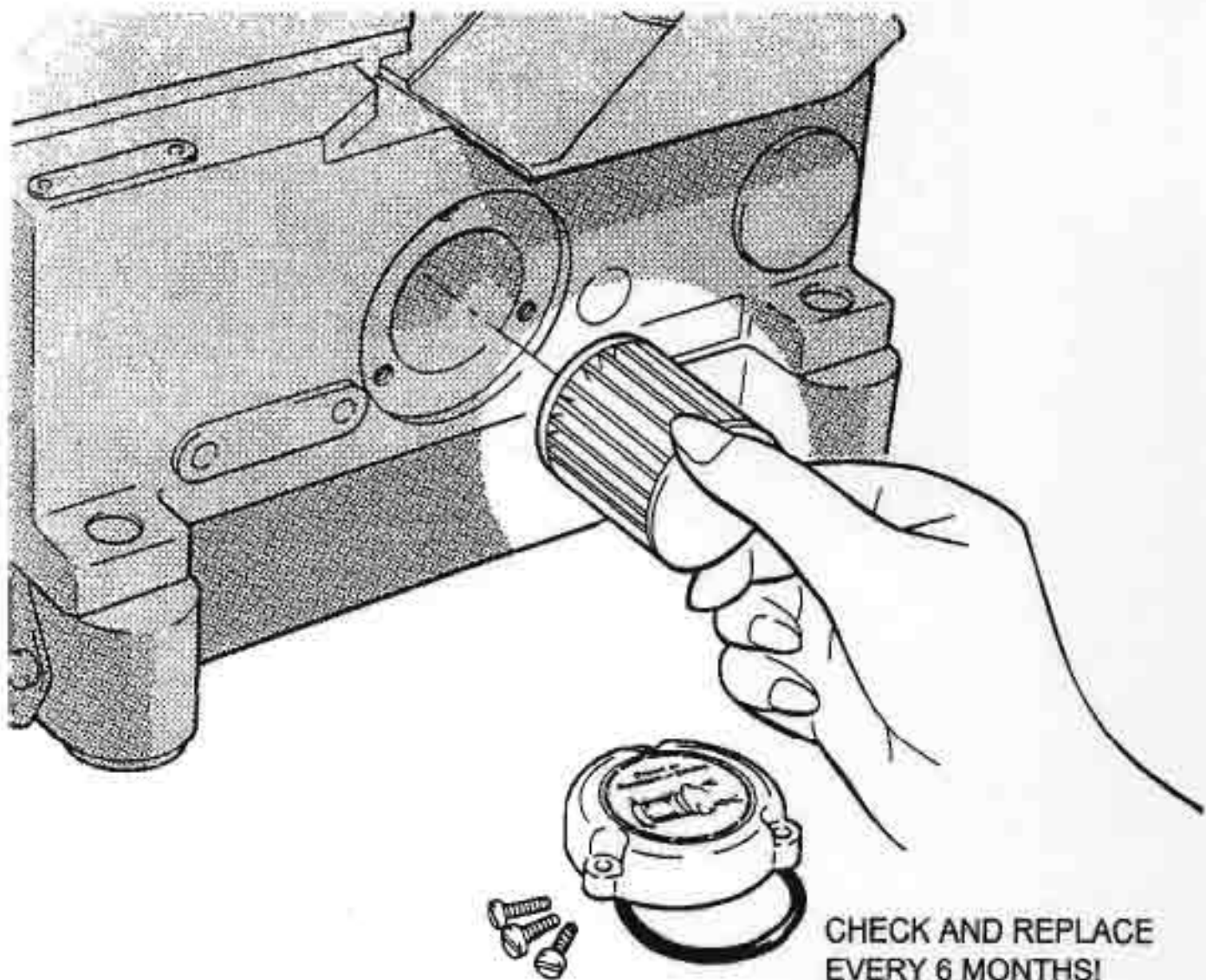




**MAINTENANCE
DURING USE**

Cleaning and replacing the oil filter

Check and replace the oil filter every six months.



Replace the oil one month after the first use and every six months thereafter.
(See P.1)

