

Technical Information

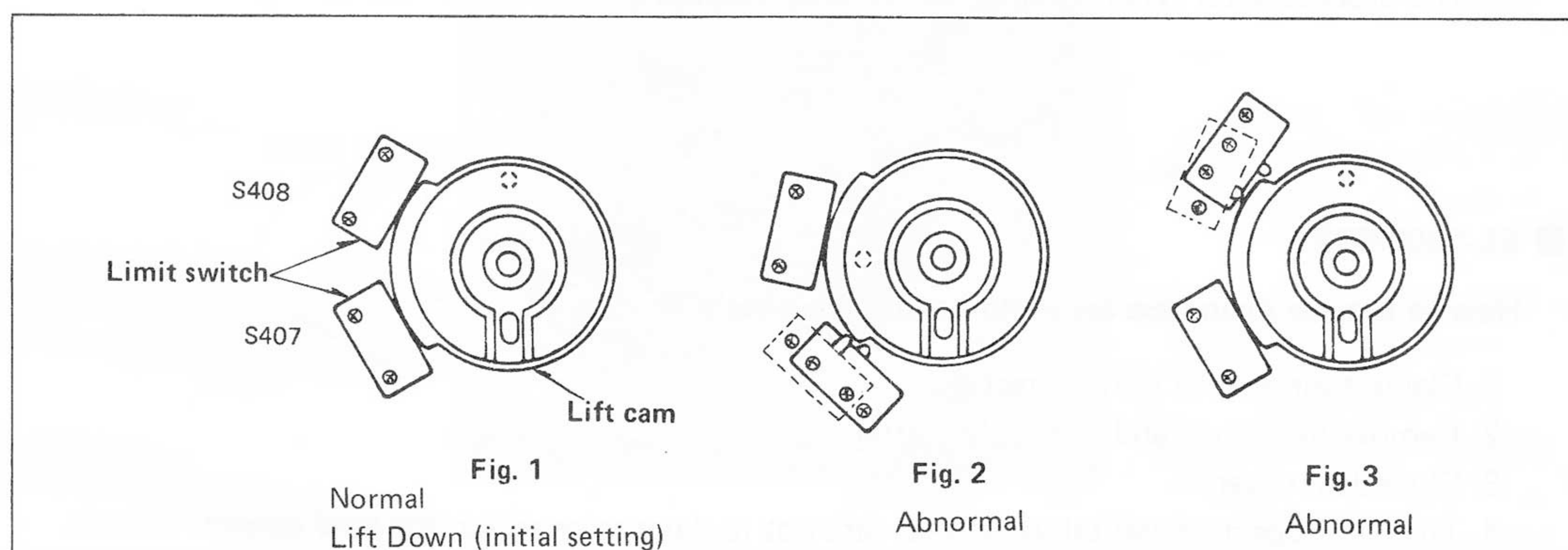
**FILE THIS BULLETIN WITH
YOUR SERVICE MANUAL.**

Direct Drive Automatic Turntable System

SL-1600MK2

SL-1700MK2

If the following symptoms occur in the above-mentioned models, fixing of limit switch is wrong. Therefore, take proper measures according to the procedure given below.



1. SL-1600MKZ

Symptom (A): With power switch ON, arm motor repeats forwarding and reversing.
(S408 turns ON and OFF while clicking as lift cam forwards and reverses.)

Cause: S407 is deflected as shown in Fig. 2, causing excessive gap between switch and cam.
(S408 is normal.)

Symptom (B): With power switch ON and cueing UP, arm motor does not stop.
For the rest, cueing and auto-start do not operate.

Cause: S408 is deflected as shown in Fig. 3, causing excessive gap between switch and cam.
(S407 is normal or both S407 and S408 are deflected.)

Technics

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2. SL-1700MKZ

Symptom (A): With power switch ON, arm motor does not stop, but cueing, auto return, and cut are in normal conditions.

Cause: S407 is deflected as shown in Fig. 2, causing excessive gap between switch and cam.

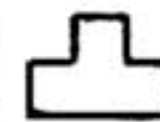
(S408 is normal.)

Symptom (B): Cueing (UP) and auto return do not operate but cut operation is normal.

Cause: S408 is deflected as shown in Fig. 3, causing excessive gap between switch and cam.

(S407 is normal or both S407 and S408 are deflected.)

Remedy

Adjust the switch position so that the limit switch (S408/S407) turns ON at the projection () of the lift cam with lift DOWN (initial setting).

Procedure

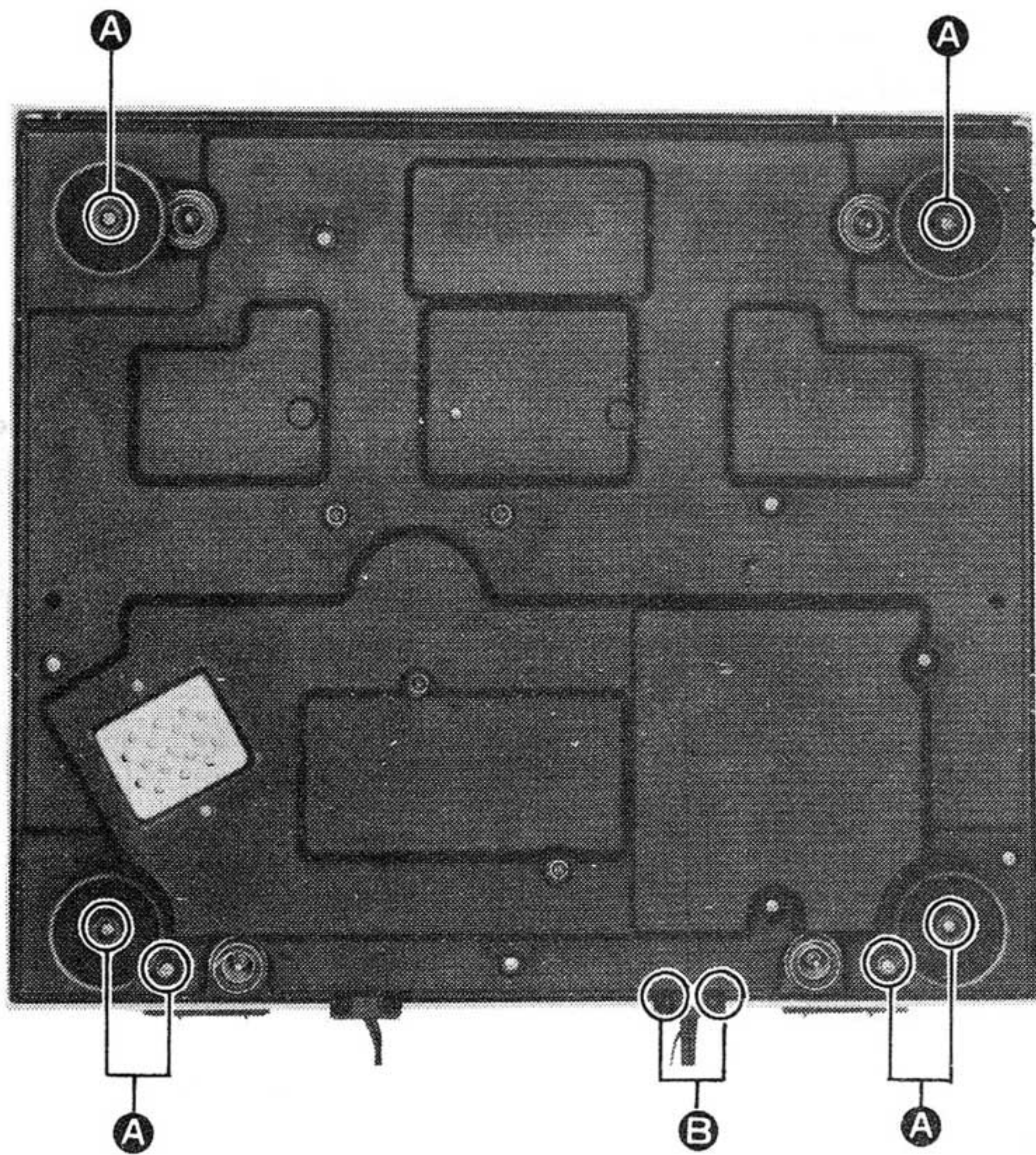
The procedure for repair of limit switch is as follows:

■ SL-1600MK2

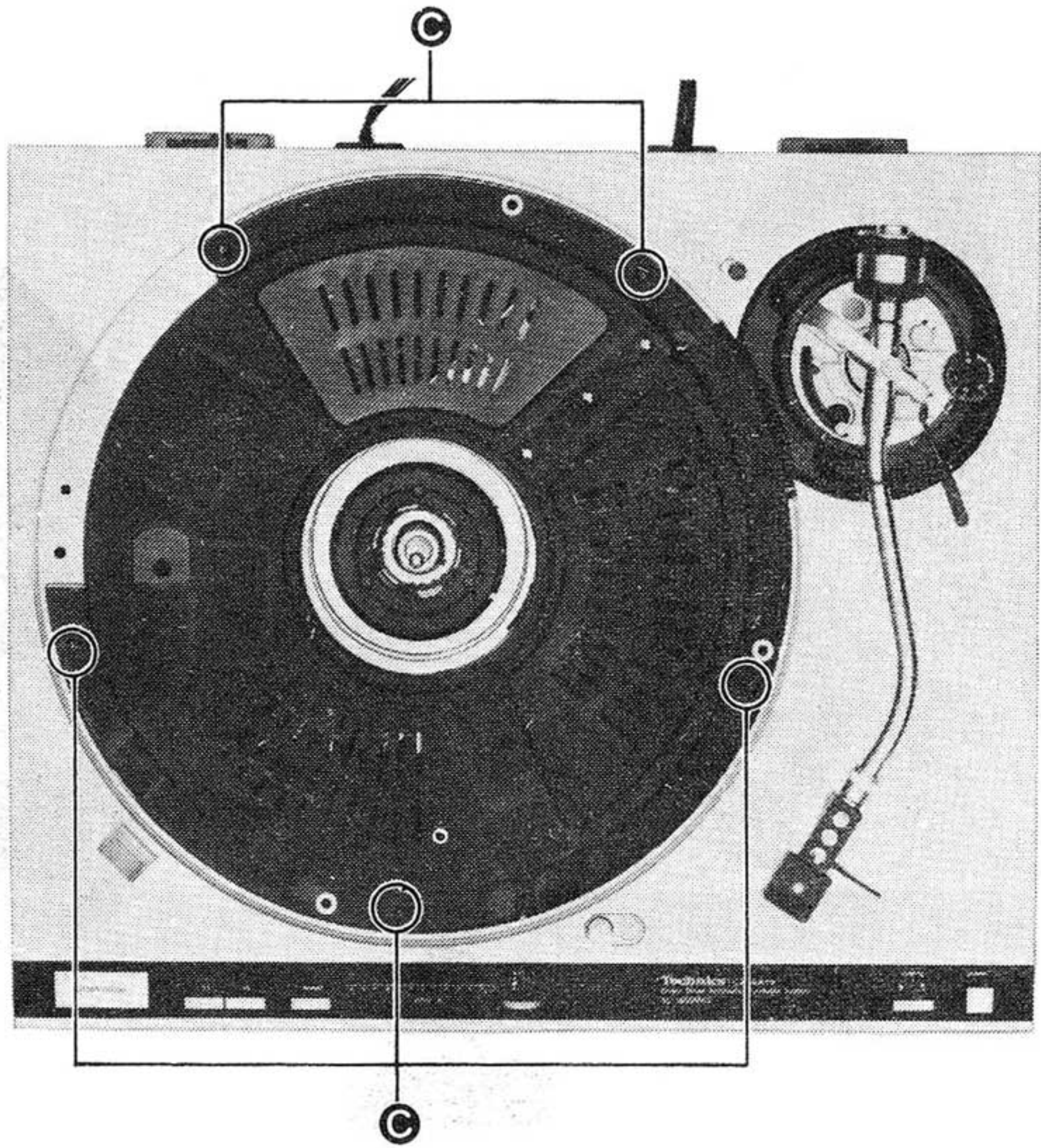
How to remove main base ass'y and bottom base ass'y

1. Clamp tone arm to the arm rest.
2. Remove head shell and turntable platter.
3. Close dust cover.
4. Turn unit upside down taking special care not to damage or scratch the dust cover.
5. Remove 6 screws **A** of the audio insulator and 2 screws **B** of the phono cord clamber as shown in Photo 1.
6. Holding the player firmly with both hands, to prevent separation of upper section (bottom base ass'y) from lower section. (main base ass'y), turn it carefully upwards.
7. Remove dust cover.
8. Remove 5 screws **C** of the panel cover as shown in Photo 2.
9. Remove 4 connectors **D** and 2 read wires **E** from power transformer as shown in Photo 3.
10. To move the main base ass'y from the bottom base ass'y, turn cueing lever upward and move tone arm towards center of spindle.

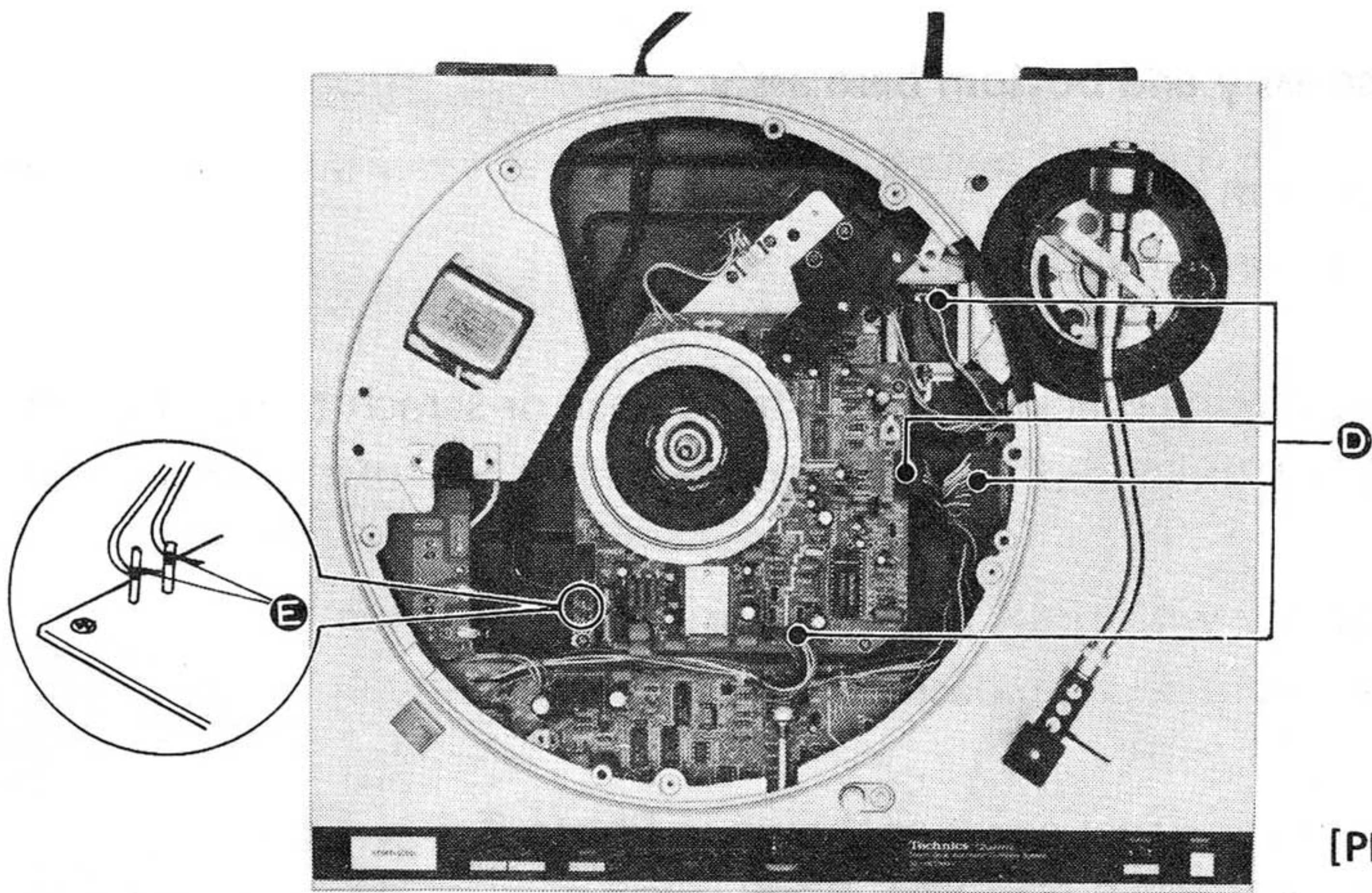
The main base ass'y can be lifted up easily.



[Photo 1]



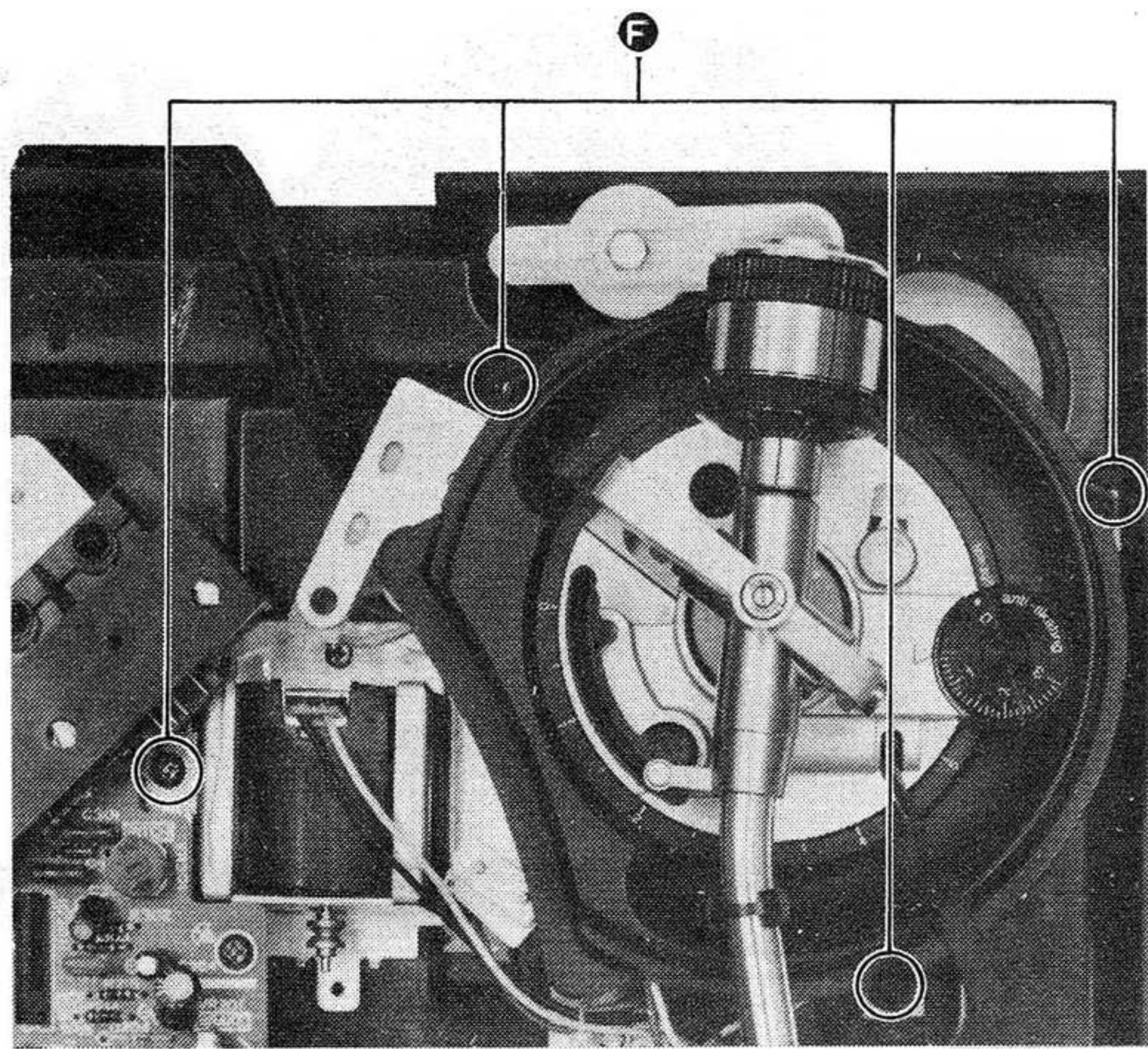
[Photo 2]



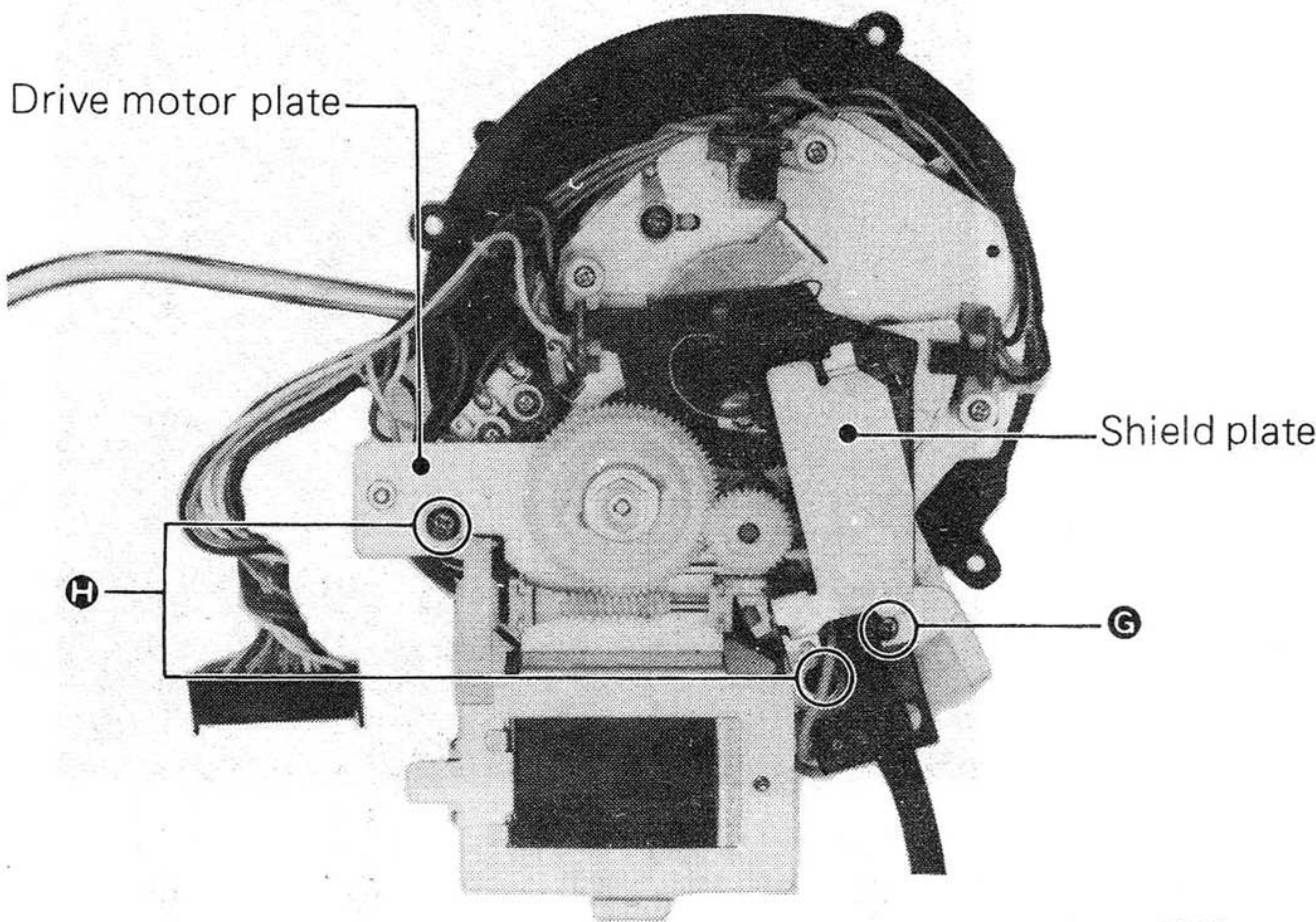
[Photo 3]

How to remove tone arm

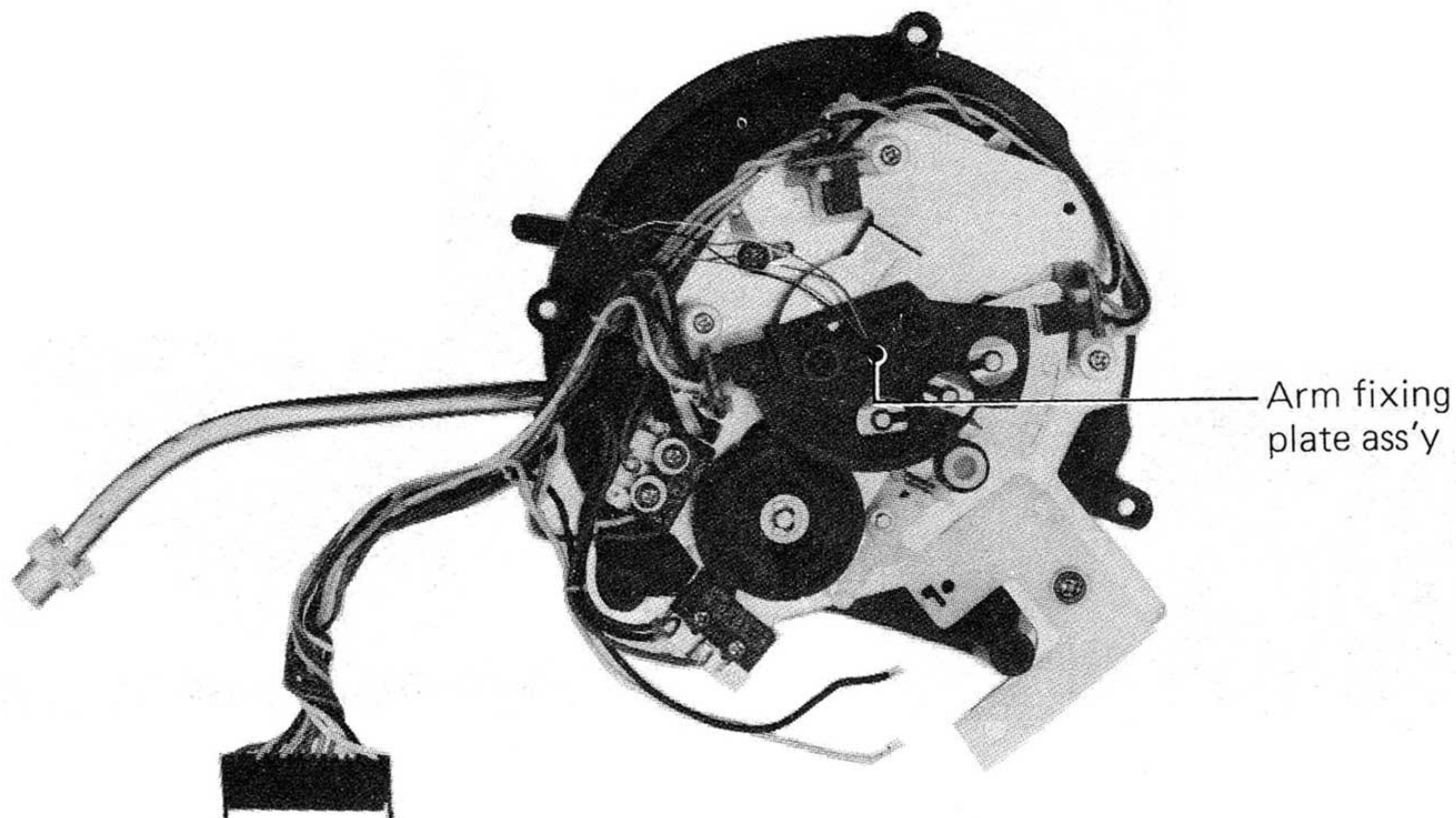
1. Remove 4 screws **F** of the tone arm base ass'y as shown in Photo 4.
2. Remove 1 screw **G** of the shield plate as shown in Photo 5.
3. Disconnect soldered of the phono cord reads.
4. Remove 2 screws **H** of the arm drive motor plate as shown in Photo 5.



[Photo 4]



[Photo 5]

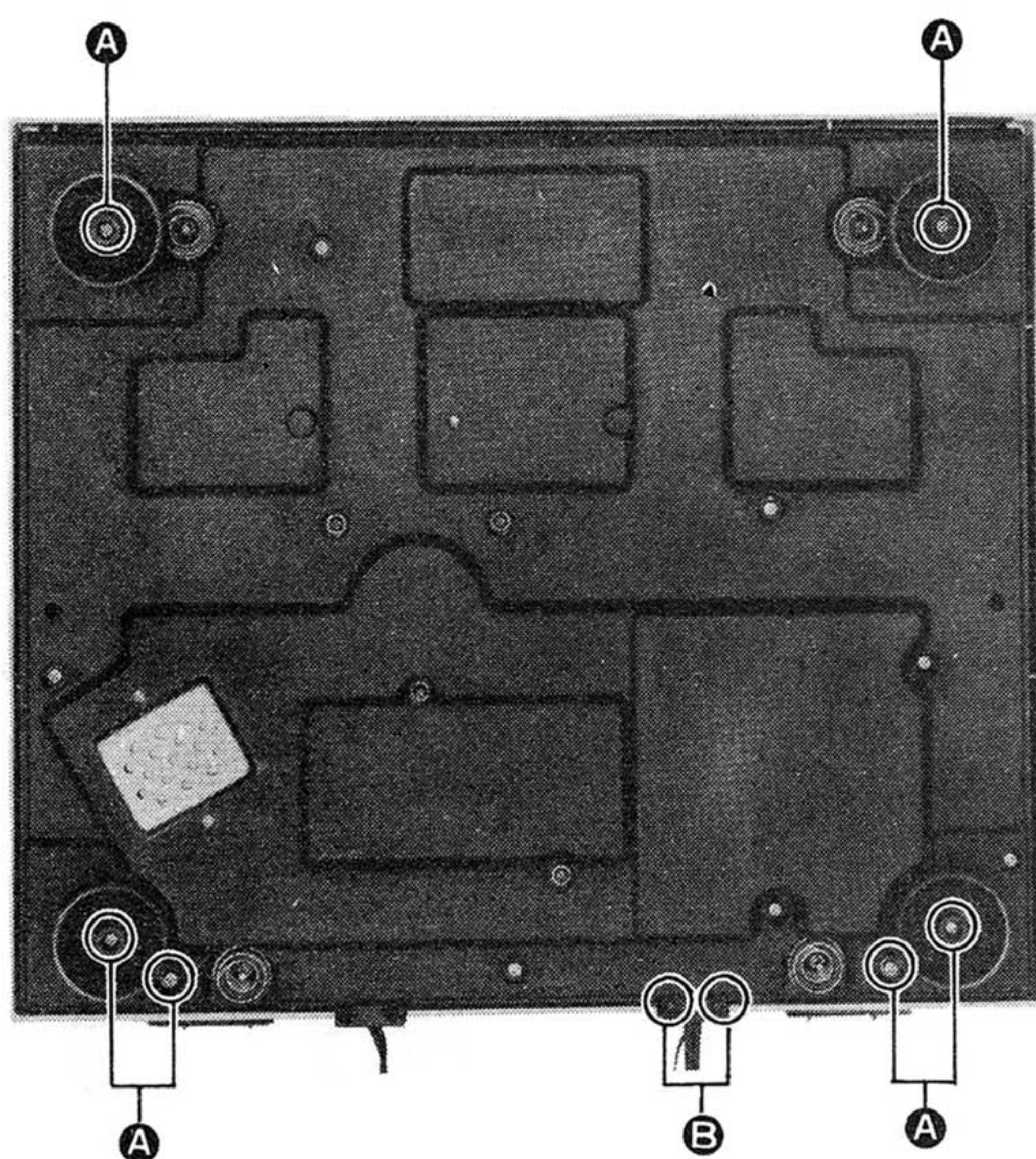


[Photo 6]

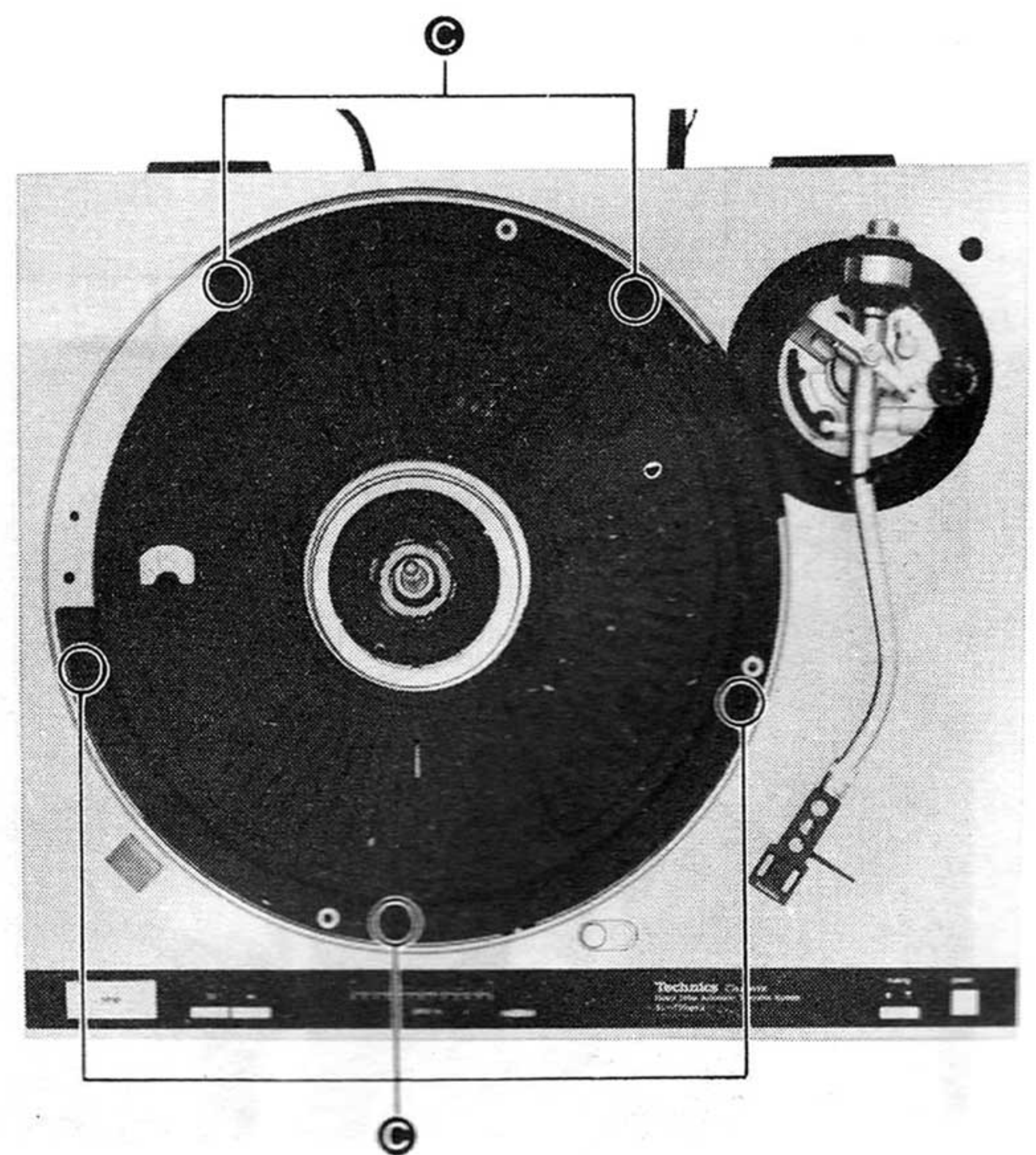
■ SL-1700MK2

How to remove main base ass'y and bottom base ass'y

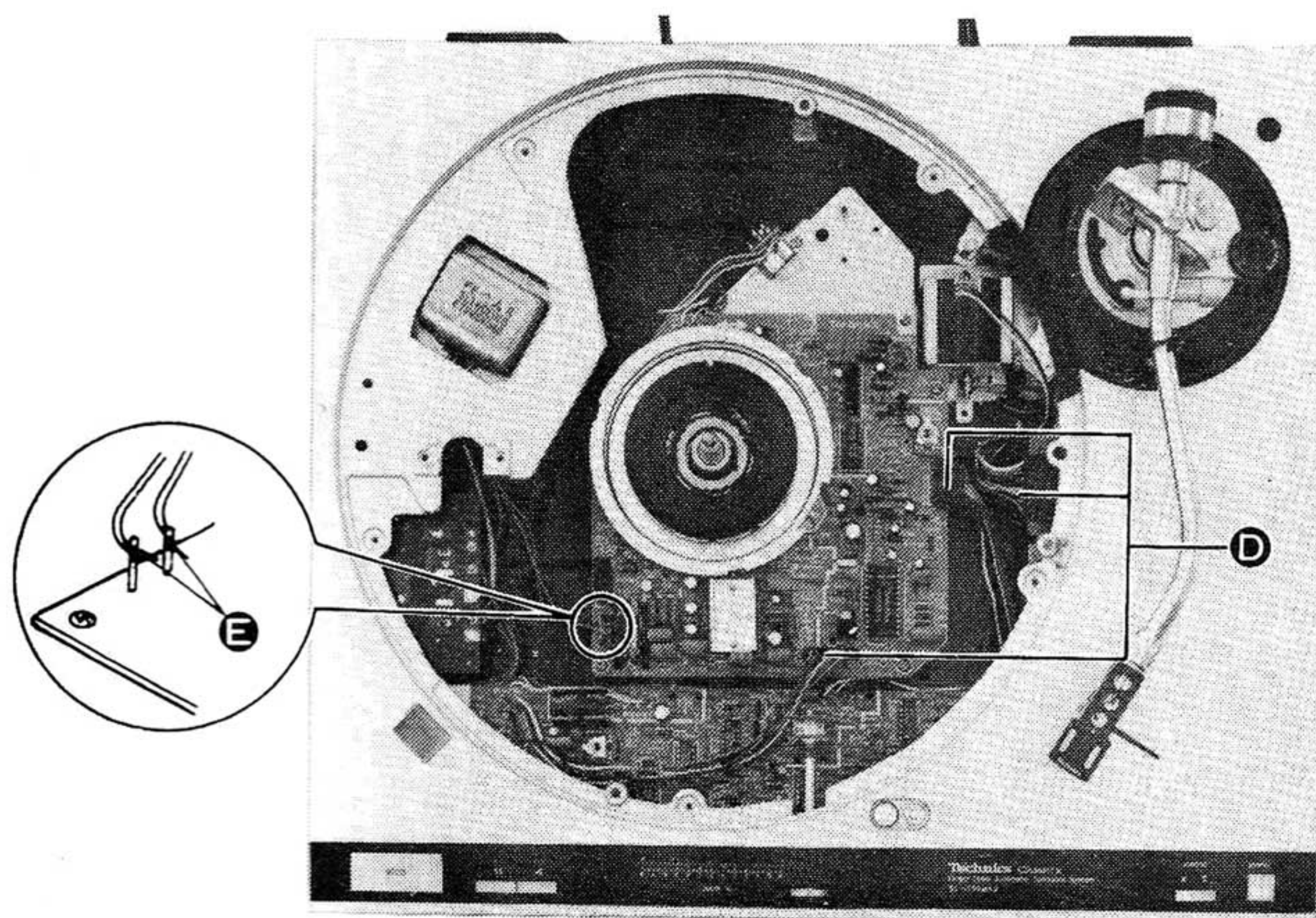
1. Clamp tone arm to the arm rest.
2. Remove head shell and turntable platter.
3. Close dust cover.
4. Turn unit upside down taking special care not to damage or scratch the dust cover.
5. Remove 6 screws **A** of the audio insulator and 2 screws **B** of the phono cord clamber as shown in Photo 1.
6. Holding the player firmly with both hands, to prevent separation of upper section (bottom base ass'y) from lower section (main base ass'y), turn it carefully upwards.
7. Remove dust cover.
8. Remove 5 screws **C** of the panel cover as shown in Photo 2.
9. Remove 3 connectors **D** and 2 read wires **E** from power transformer as shown in Photo 3.
10. To remove the main base ass'y from the bottom base ass'y, turn cueing lever upward and move tone arm towards center of spindle. The main base ass'y can be lifted up easily. (See Photo 4).



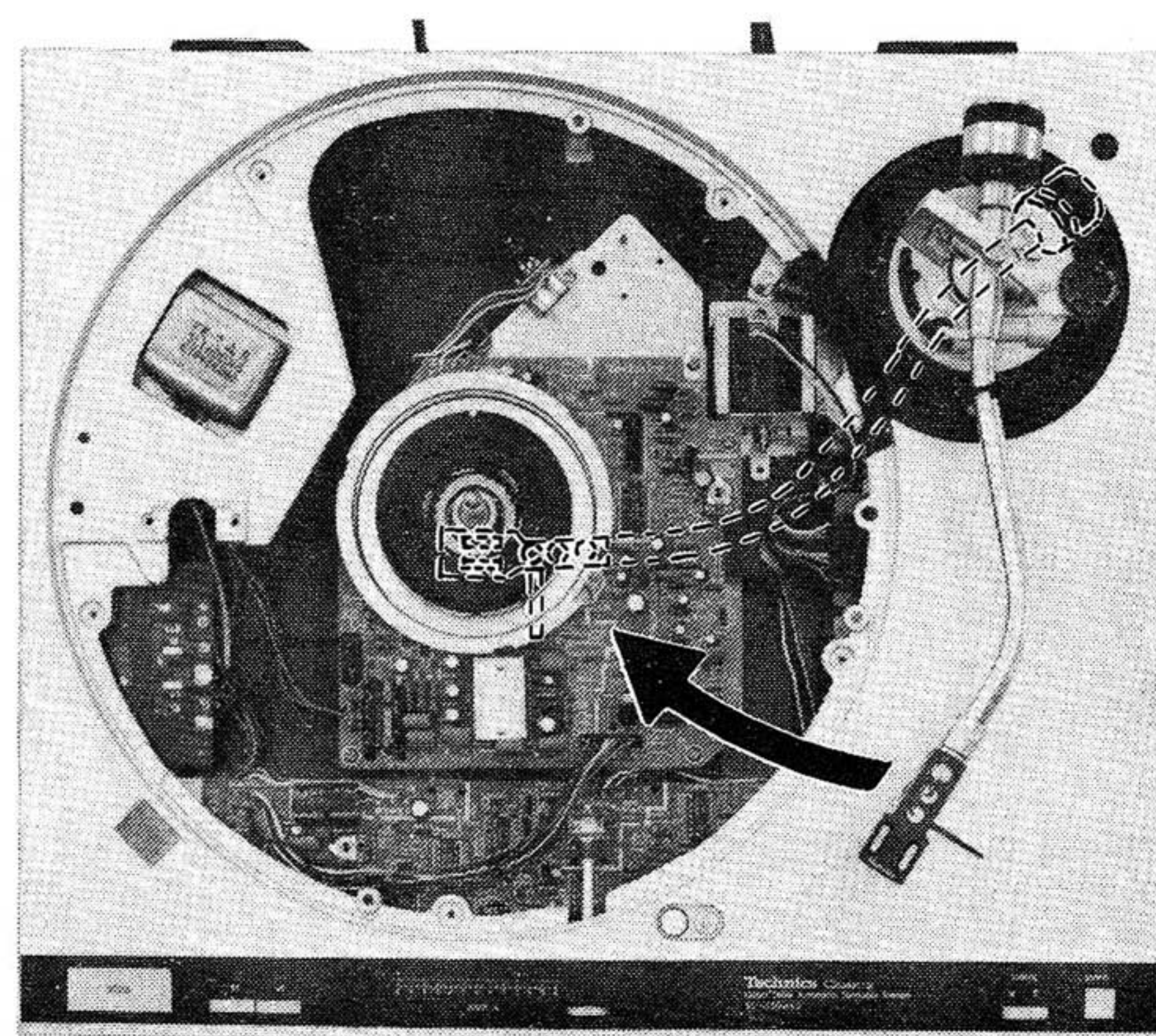
[Photo 1]



[Photo 2]



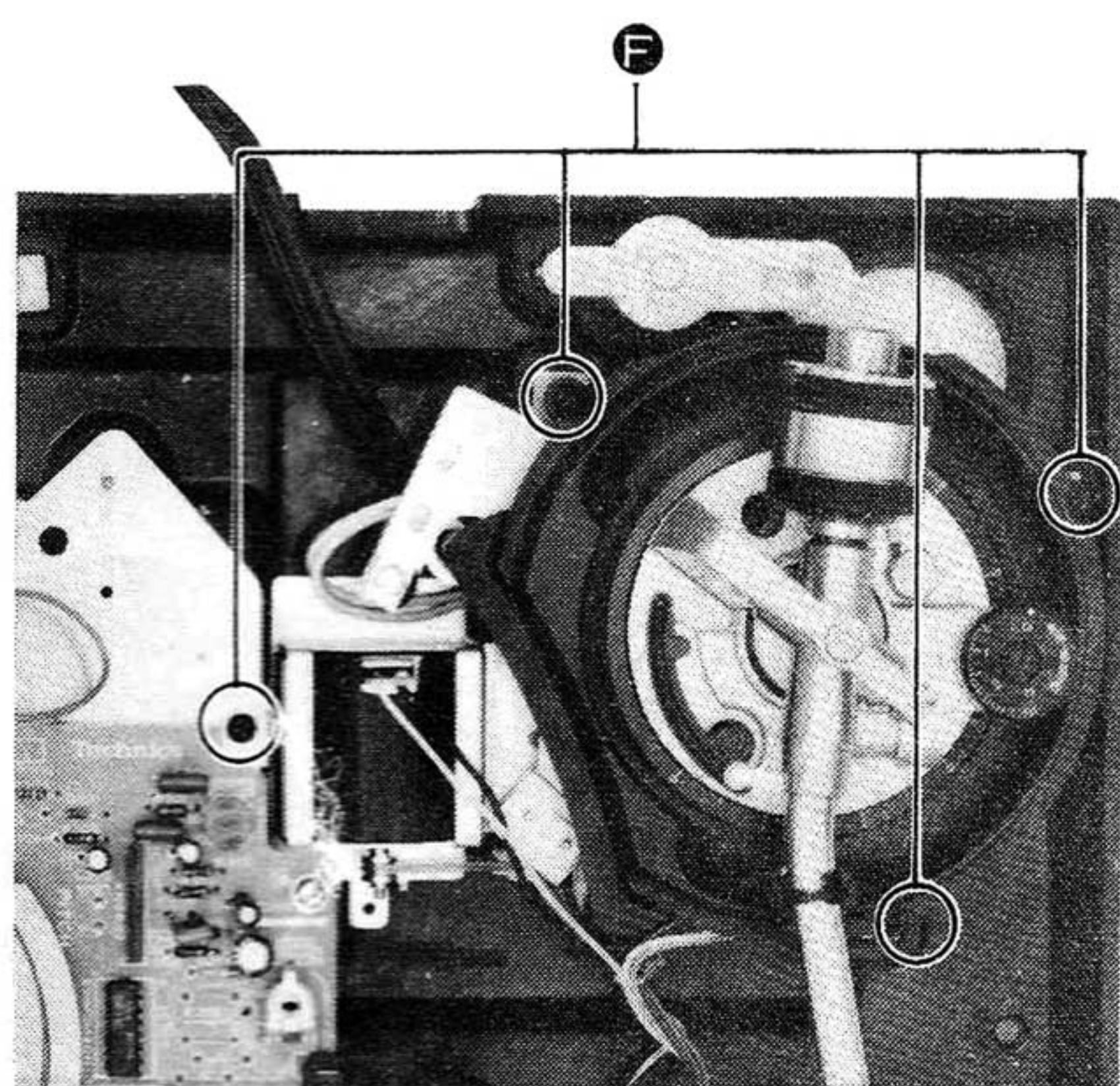
[Photo 3]



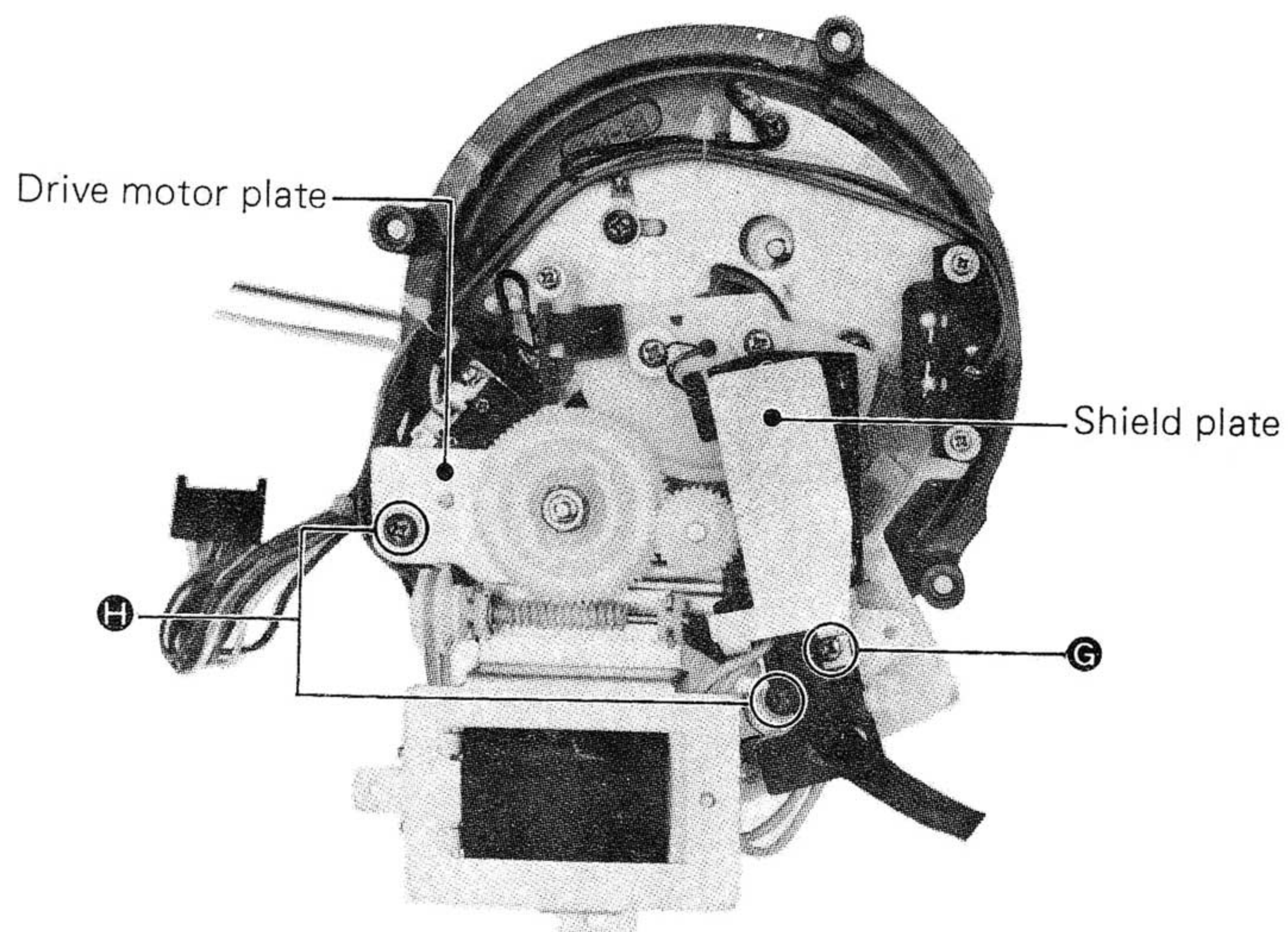
[Photo 4]

How to remove tone arm

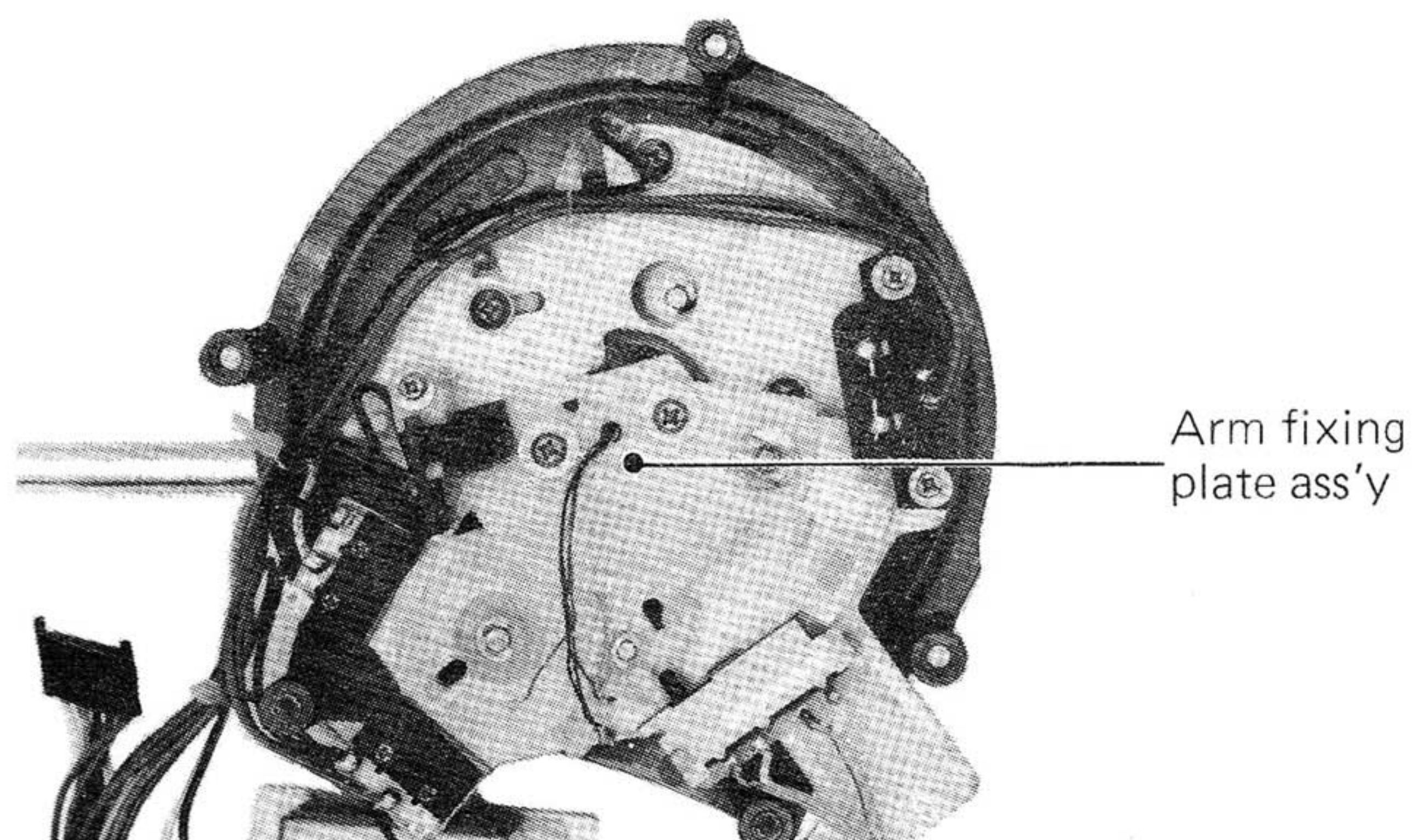
1. Remove 4 screws **F** of the tone arm base ass'y as shown in Photo 5.
2. Remove 1 screw **G** of the shield plate as shown in Photo 6.
3. Disconnect soldered of the phono cord reads.
4. Remove 2 screws **H** of the arm drive motor plate as shown in Photo 6.



[Photo 5]



[Photo 6]



[Photo 7]