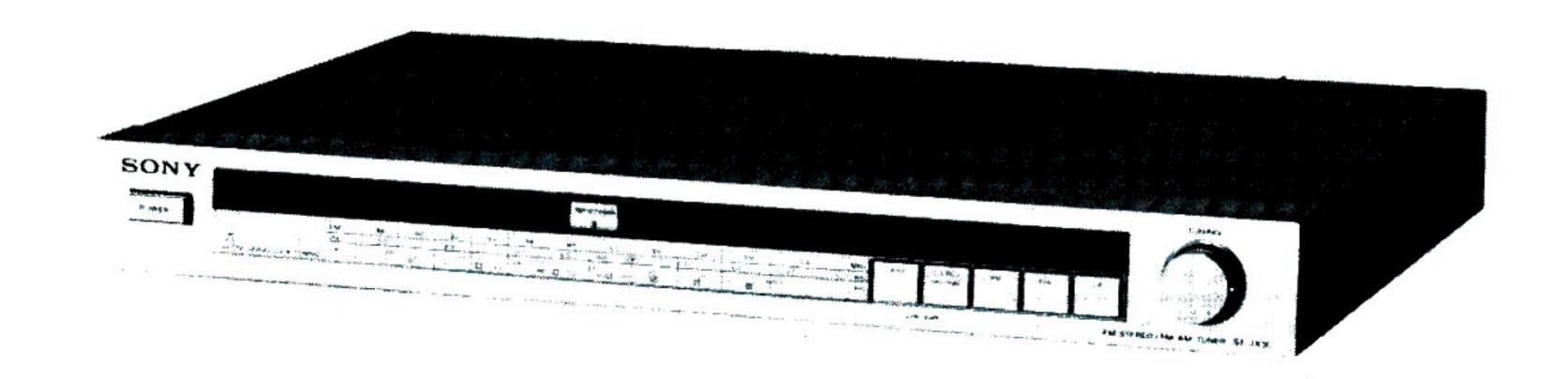
ST-JX3L

AEP Model



FM STEREO/FM-AM TUNER

SPECIFICATIONS

FM tuner section

Tuning range

87.5 MHz - 108 MHz

Antenna terminals

300-ohm balanced

75-ohm unbalanced

Intermediate frequency

10.7 MHz

Sensitivity	at 46 dB quieting 4 μV (mono) 43 (30) * μV (stereo)
Usable sensitivity	1.8 μV (IHF) 1.4 μV (S/N 26 dB)
Limiting threshold	1 μV
Signal-to-noise ratio	80 dB (mono), 75 dB (stereo)
Harmonic distortion at 100 Hz at 1 kHz at 10 kHz	0.08% (mono), 0.12% (stereo) 0.08% (mono), 0.12% (stereo) 0.1% (mono), 0.2% (stereo)

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS RUBLISHED BY SONY.



IM distortion	0:08% (mono), 0.12% (stereo)
Separation	
at 100 Hz	45 dB
at 1 kHz	50 dB
at 10 kHz	40 dB
Frequency response	40 Hz - 12.5 kHz±0.3 dB 30 Hz - 15 kHz + 0.3 dB
Selectivity	at 300 kHz 70 dB
Capture ratio	1.0 dB
AM suppression ratio	60 dB
Image response ratio	55 dB
IF response ratio	95 dB
Spurious response ratio	75 dB
RF intermodulation	74 dB (IHF)
	88 dB (at 2.4 MHz)
Sub-carrier product ratio	55 dB
Muting threshold	approx. 10 μV
Output level/impedance	750 mV/4.7 k ohms (at 75 kHz deviation)

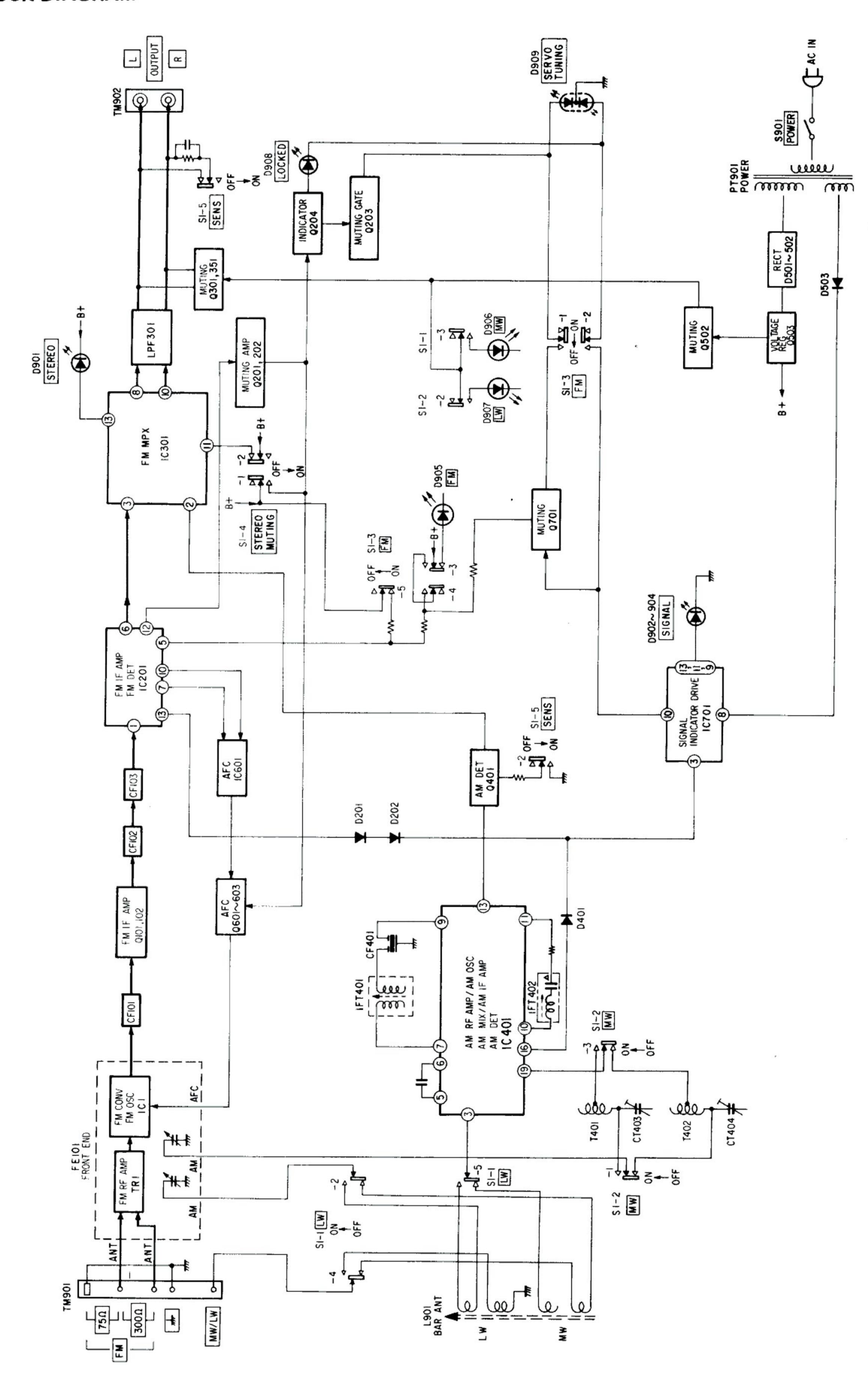
()* measured with the SENS switch depressed (ON)

- Continued on page 2 -



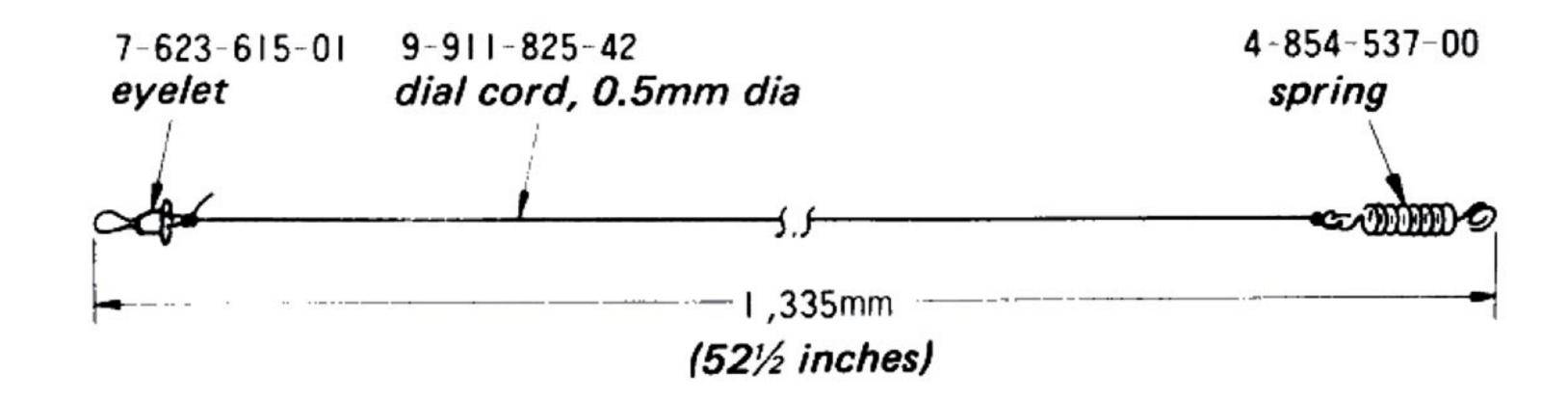
1-1. BLOCK DIAGRAM

SECTION 1 OUTLINE



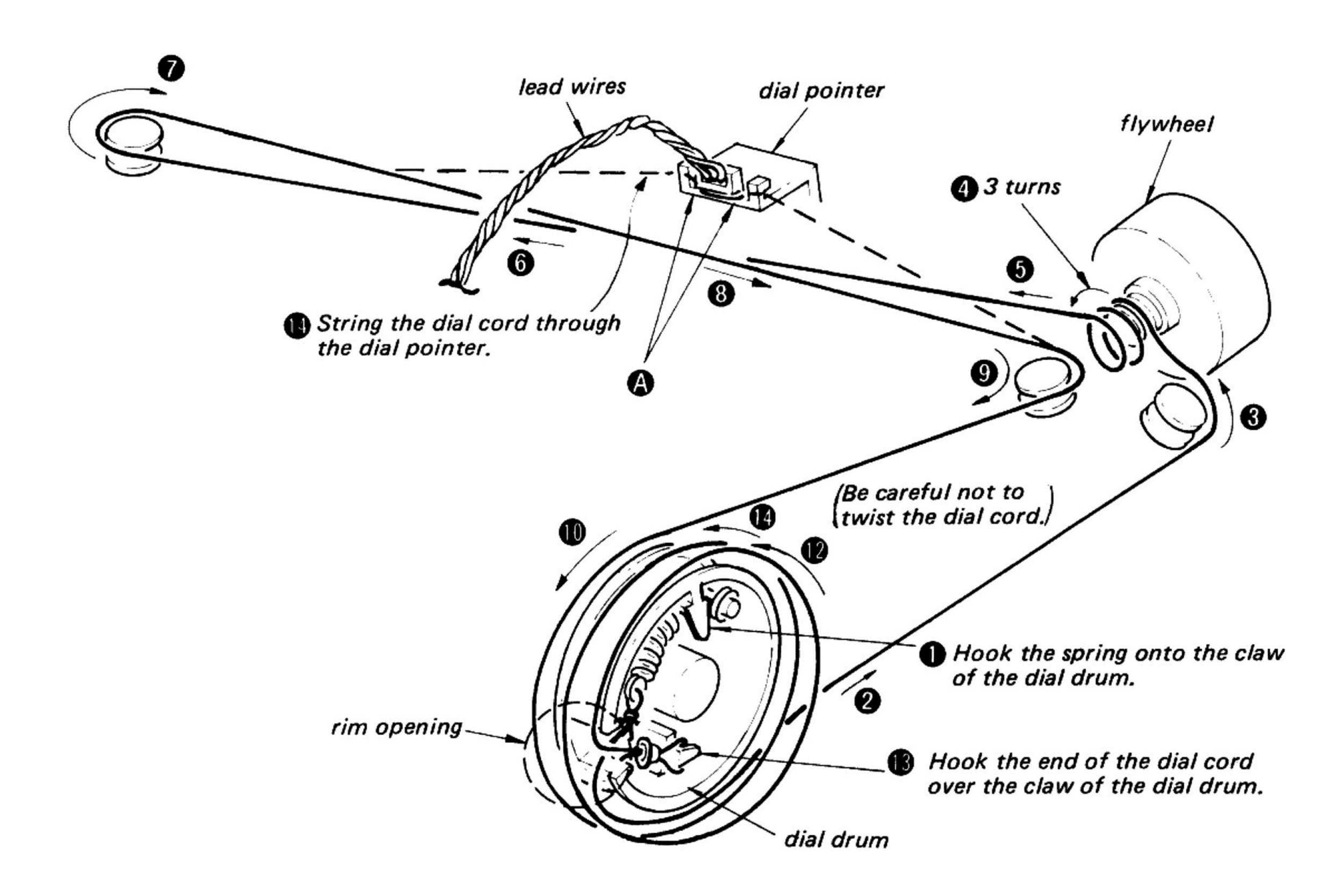
2-2. DIAL CORD STRINGING

1. Preparation



2. Stringing

Turn the turning capacitor shaft fully counterclockwise and set the dial drum so that rim opening is positioned as shown below.



3. Dial Pointer Setting

- 1. Receive a broadcasting station signal and set the dial pointer on the dial scale.
- 2. Apply a drop of locking compound to the dial pointer (marked (4)).

