



MODEL 6-EY-2

TERMINAL BOARD

MOTOR BOARD

PICKUP

115 V. A.C. SUPPLY

V1 12AV6 AMPL

V2 50C5 PWR-AMPL

V3 35W4 RECT

COMMON GROUND-B

CHASSIS GROUND

CATHODE CURRENTS

Tube	Cathode Current
12AV6	0.2 MA.
50C5	50.6 MA.
35W4	50.8 MA.

This diagram illustrates the internal components of a record changer, specifically the mechanism for adjusting the record's position. It features three main adjustment points labeled "A", "B", and "C":

- "A" HEIGHT ADJUSTMENT:** Points to a screw on the top of the record holder.
- "B" LANDING ADJUSTMENT:** Points to a screw on the side of the record holder.
- "C" TRIPPING ADJUSTMENT:** Points to a screw on the bottom of the record holder.

Other labels include "STOP DOG ADJUSTMENT" pointing to a screw on the right side, and "PH-5708" pointing to a component on the right. A small inset diagram on the right shows a different view of the mechanism, with a label "E" pointing to a screw on the top right.

Adjust knurled nut (A) until the distance (during change cycle) between the top of the turntable and the stylus point is approximately $1\frac{1}{8}$ ".

Adjust the screw driver landing adjustment stud "B" so the stylus lands $2\frac{5}{8}'' \pm 1/64''$ from the side of the center post.

Adjust the eccentric tripping stud (C) until the mechanism trips when the stylus is $1 \frac{9}{32}$ " from the side of the center post.

Turn the eccentric screw (E) until the record drops to the turntable without striking the pickup arm.

RCA VICTOR

Model 6-EY-1

TERMINAL BOARD (MOTOR BOARD)

RED, WHT., BLK., PICKUP

V1 12AV6 AMPL.

7, 60V., 1, 5, 2, 6, 3, 4, 7

V2 50C5 PWR-AMPL.

7, 116V., 6, 117V., 1, 7.6V., 2-5, 1

V3 35W4 RECT.

5, 124V., 7, 33, 4, 6, 3

COMPONENTS:

- R1 1MEG VOLUME CNTL.
- R2 47K
- R3 47 MEG
- R4 270K
- R5 270K
- R6 33
- R7 150
- R8 1500
- R9 120
- C1 .0047
- C2 .01
- C3 0.1
- C4 .01
- C5A 50 MF.
- C5B 80MF
- C6 .033
- C7 B2

WIRING:

- W1, YEL.
- SHLD.
- GRN.
- BLK.
- RED
- BRN.
- YEL.
- FIN. (BLK.)
- ST. (BRN.)
- BLUE

LEGEND

K=1000

COMMON GROUND - B

CHASSIS GROUND

CATHODE CURRENTS

Tube	Current
12AV6	21 MA
50C5	50.6 MA
35W4	50.81 MA

Schematic Diagram RS-138S

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