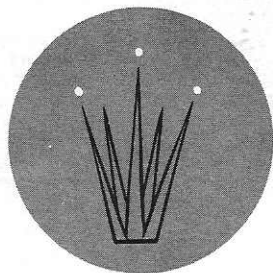


PHONOGRAPHS

BY

ROCK-OLA



Service per preter

**PARTS MANUAL
INSTRUCTIONS &
INSTALLATION FOR**

MODEL 1488 (120 SELECTIONS)

MODEL 1495 (200 SELECTIONS)

&

MODEL 1496 (120 SELECTION)

MODEL 1497 (200 SELECTION)

ROCK-OLA MANUFACTURING CORPORATION 800 N. KEDZIE AVENUE • CHICAGO, ILLINOIS

Parney - 1958

LUBRICATION CHART

ROCK-OLA MODEL 1488 • 1495

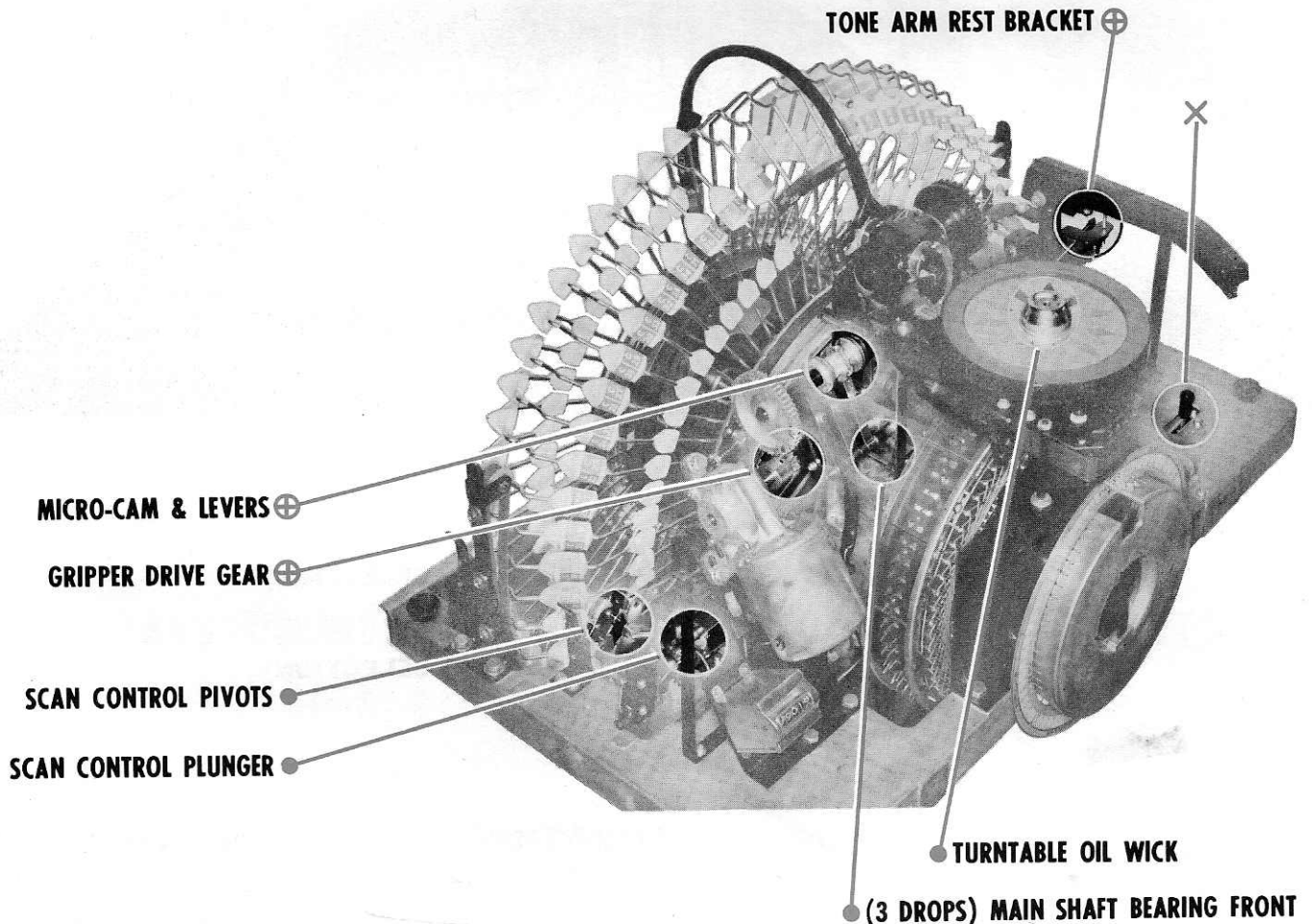
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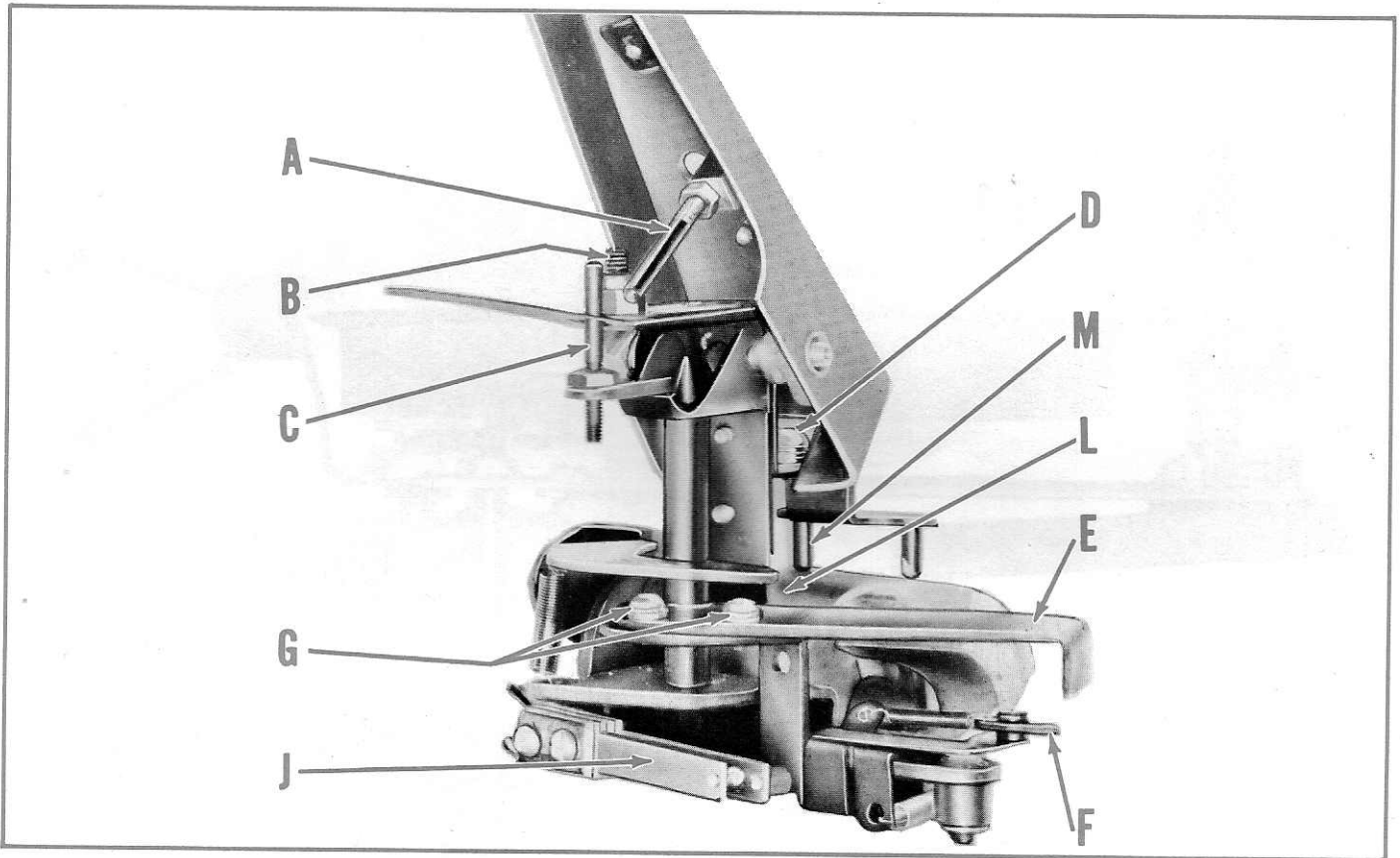
- — 1 DROP HIGH GRADE LIGHT MACHINE OIL EVERY 3 MONTHS
- ⊕ — LIGHT FILM AERO GRADE LUBRIPLATE EVERY 3 MONTHS (ROCK-OLA #ST-9126)
- ✕ — DO NOT OIL OR GREASE

NOTE: THE 3 BRASS SELECTOR BEARINGS (NOT VISIBLE), DIRECTLY BEHIND THE POP. COUNTER, SHOULD RECEIVE 3 DROPS OIL

CAUTION NOTES:

1. DO NOT DRIP OIL ON AMPLIFIER
2. DO NOT OIL SELECTOR UNIT
3. DO NOT DRIP OIL ON RECORDS





■ TONE ARM ADJUSTMENTS

The "Set Down" position of the needle on a record is $\frac{3}{32}$ inch from the edge of the record. To obtain this position, cycle the mechanism until the tone arm needle is above the record. At this point move the mechanism service switch to "OFF" position. Rotate the knurled end of the gripper motor armature manually until the needle almost makes contact with the record. Hold the inside cam plate stop in (M) against inside of tone arm cam (L). Loosen screw at (D) and move tone arm so that needle rests $\frac{3}{32}$ inch from edge of record. Then carefully tighten screw (D).

The record "Cut-Off" position is $2\text{-}\frac{1}{32}$ inches from the outer edge of the record toward the center. Move the tone arm slowly to this cut-off position and make certain that at that point, tone arm switch (J) makes contact. To make any adjustments simply readjust blade switches.

The trip dog (F) is a safety device to prevent re-playing the same record by jarring the tone arm back across the record. The trip dog (F) should release from bracket (E) slightly before the needle reaches the record cutoff

position. To obtain this condition, loosen 2 screws (G) and move bracket.

The needle pressure on the record is six grams. When adjusting for needle pressure, turn adjusting screw (B) accessible through the top of the tone arm, "counter clockwise" to reduce needle pressure. Needle pressure readings must be taken at the point of contact of the needle on the record.

The tone arm height must be adjusted so that the body of the pick up just touches the rubber ring on the turntable. Loosen nut which locks adjustment screw (C). Turn screw "out" to increase height and "in" to decrease the height of the needle with respect to the rubber ring on the turntable.

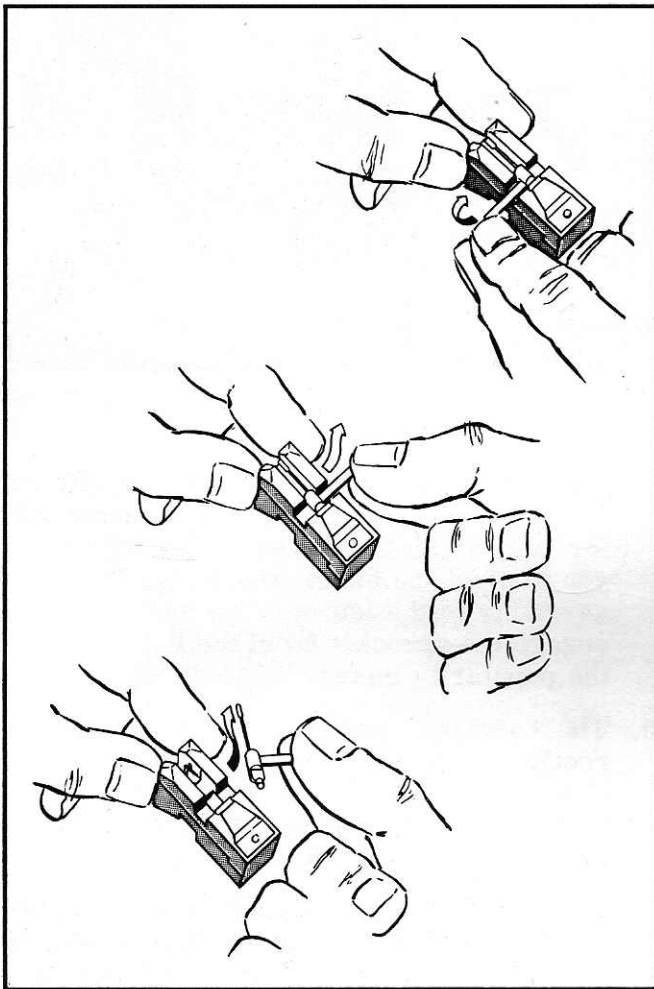
There should be at least $\frac{3}{16}$ inch to $\frac{1}{4}$ inch clearance between the tone arm needle and the bow of the gripper arm as the tone arm passes over the gripper arm to "Set Down" position on the record. Adjustment screw (A) can be turned "in" to decrease the clearance and "out" to increase the clearance between the gripper arm and the needle. Select even numbered record before making adjustments.

9. Place hand under selector unit for support. Grasp the exposed internal shaft and remove from mechanism; lower and remove selector.

To reinstall the selector unit, reverse the order of procedure. Reassemble and engage the record indicator drum sprocket to the ladder in the manner that the two indicator lines align as shown at (G).

Be sure to check the popularity meter as well as the record indicator that it records

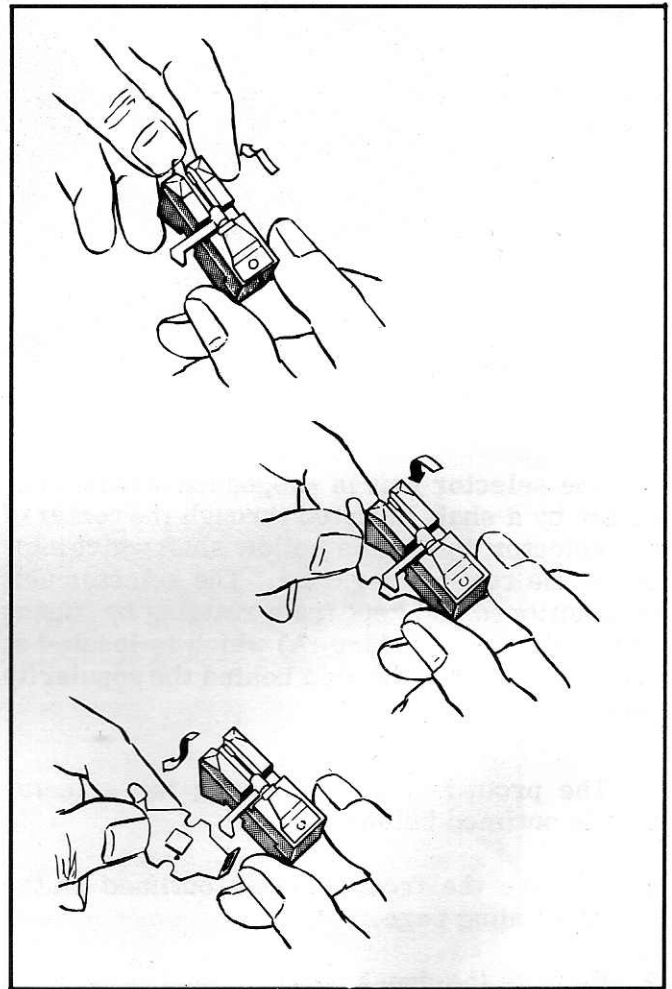
properly. If an adjustment is needed for the popularity meter, loosen the two allen set screws in the collar of the meter. Select A1 record, allow the mechanism to index and immediately shut mechanism power off. Rotate the popularity meter, so that the tooth portion of the #1 - 2 lever is located directly opposite and centered with the phosphor bronze arm which actuates the lever. Now tighten the two allen set screws. Recheck the setting by selecting C-1 record and make certain the #3 - 4 lever is actuated.



■ REMOVAL OF STYLUS FROM PICK-UP CARTRIDGE

Raise tone arm. Turn the stylus handle to the right side of the pick-up arm. Grasp the handle with your right hand and pull upward. The stylus will snap out from under a flat spring that held it firmly in position.

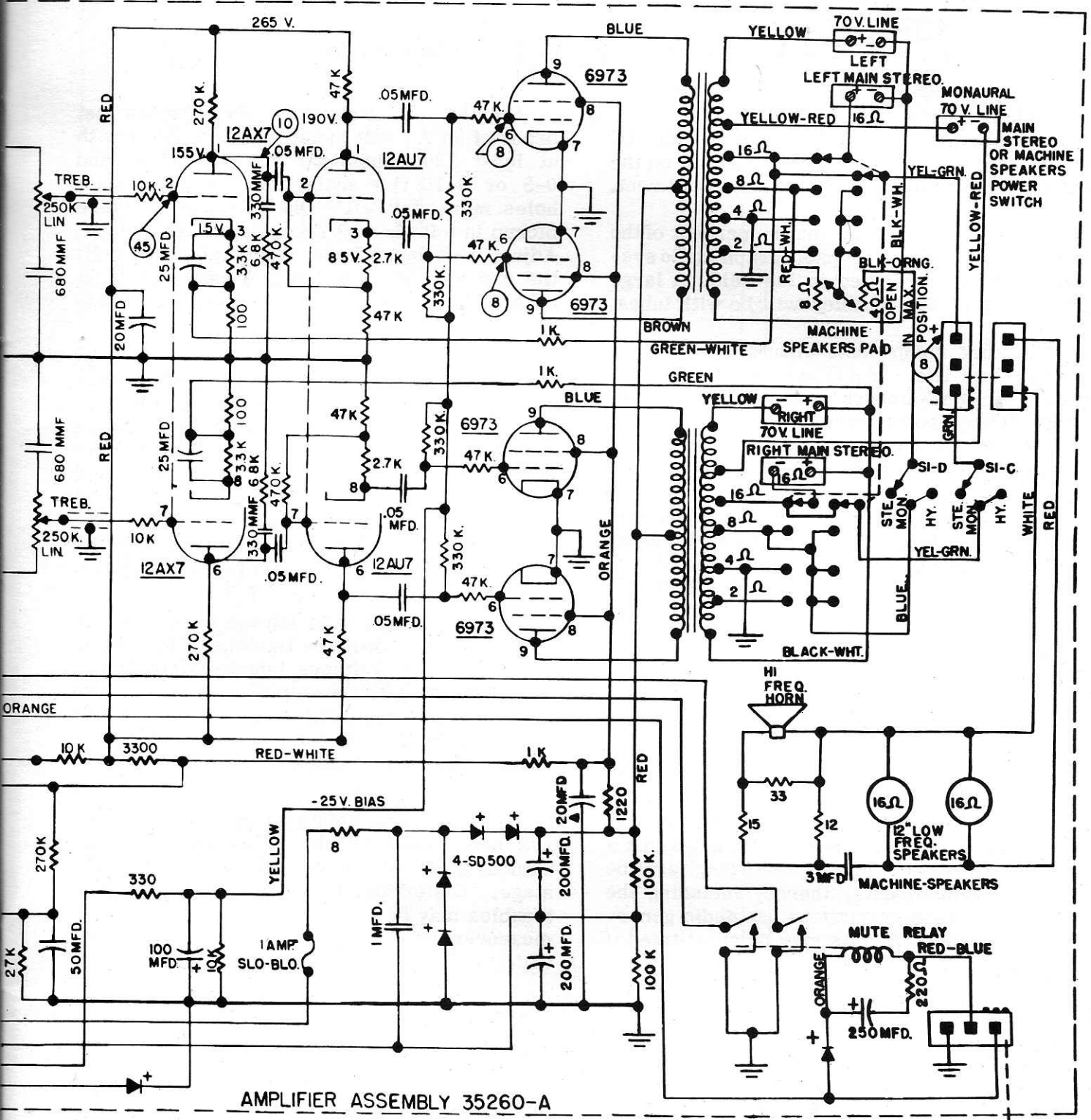
In re-assembling, reverse the procedure making sure that stylus shaft is seated in the saddle.



■ REMOVAL OF CARTRIDGE FROM TONE ARM

Remove stylus from cartridge. Depress "cartridge holder clip" which allows cartridge to snap out.

To re-assemble, insert the rear end of the cartridge locator into the bracket slot and snap into position.



AMPLIFIER ASSEMBLY 35260-A