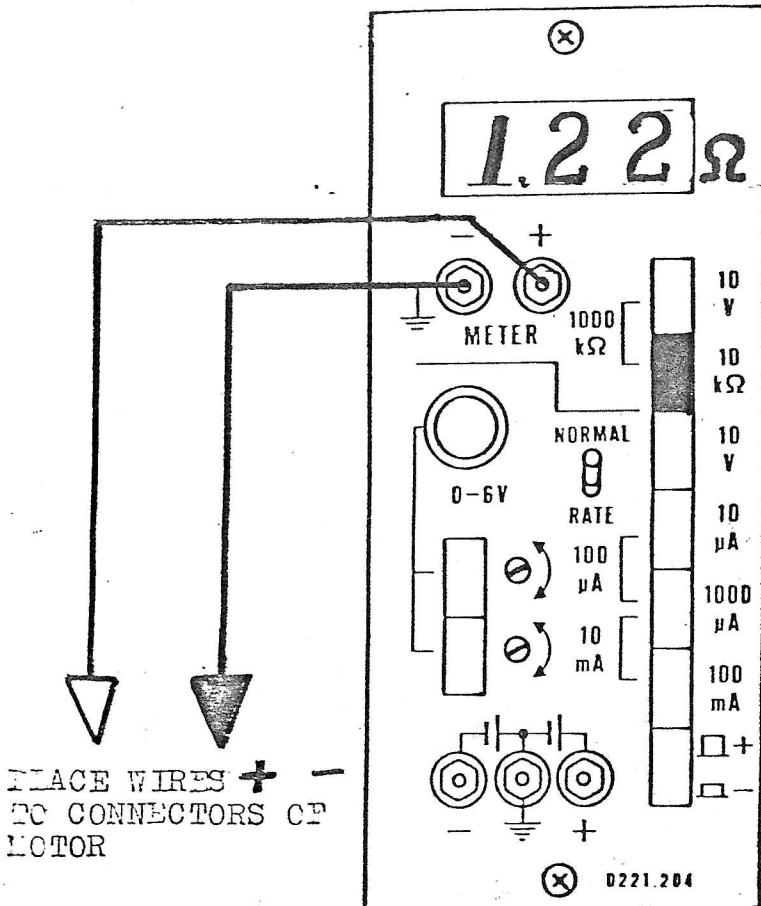
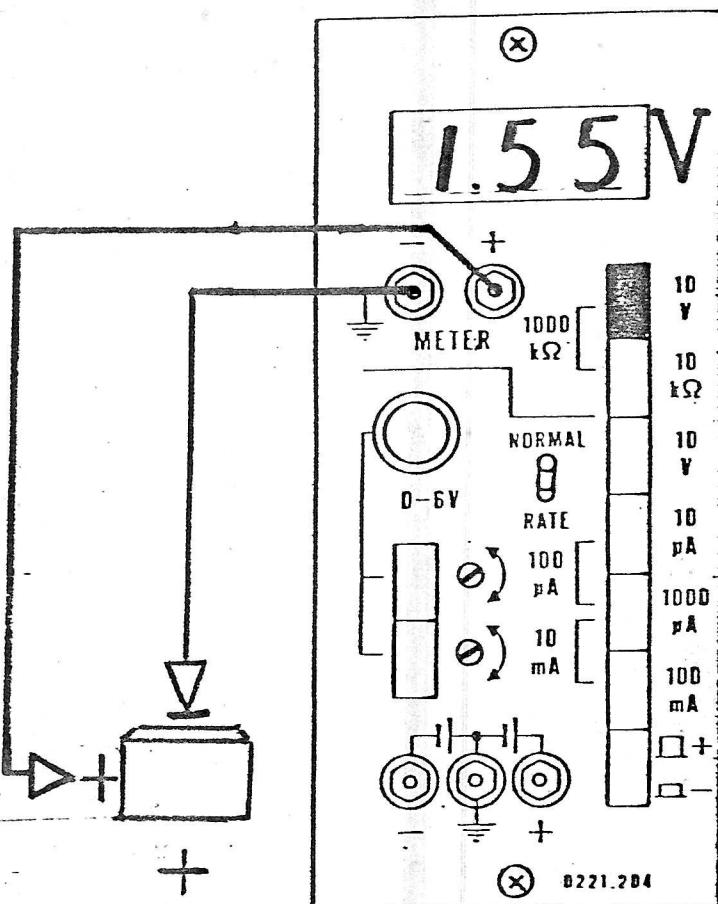


TESTING ROLEX QUARTZ 5035/55 WITH GENEINER PRINTED QUARTZ



TEST THE POTENCY OF  
BATTERY

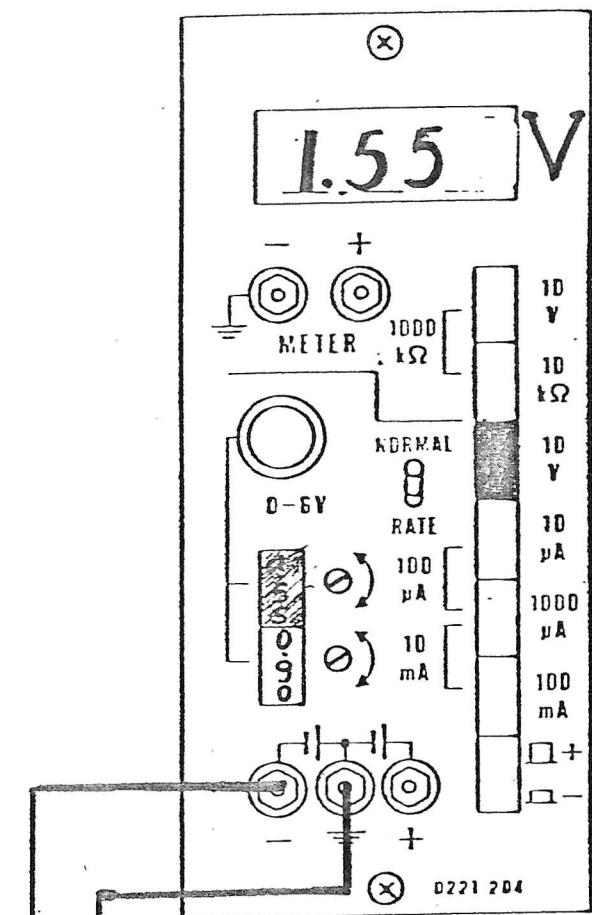
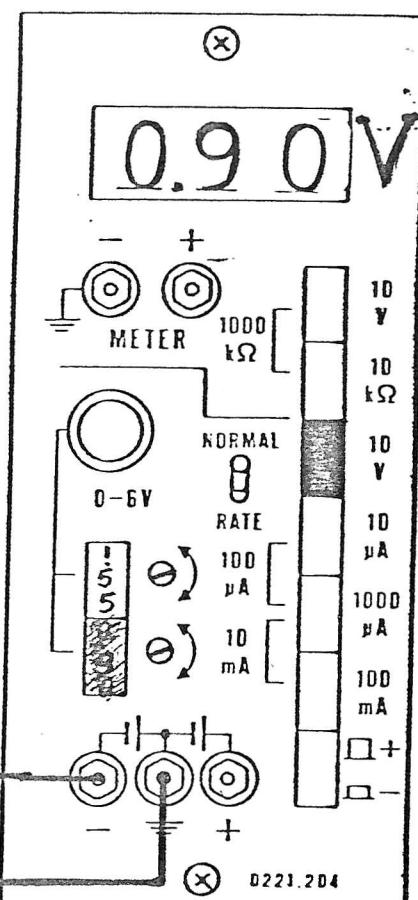
DEPRESS BUTTON  
10 V. (ONLY)  
MINIMUM SHOULD BE 1,55 V.

WHEN TESTING BATTERY DO NOT  
HOLD LEADS ON BATTERY MORE  
THAN 2 SECONDS

TEST RESISTANCE OF MOTOR'S  
COIL

DEPRESS BUTTON  
10 kΩ (ONLY)  
MINIMUM SHOULD BE 122 kΩ

THIS TEST HAS TO BE  
MADE WITH THE MOTOR  
OUT OF MOVEMENT

WORKING VOLTAGE TESTNORMAL 1,55 V.  
MINIMUM 0,90 V.WORKING NORMAL VOLTAGE

DEPRESS BUTTONS:

10 V.

1,55 V.

CONNECT WIRES:

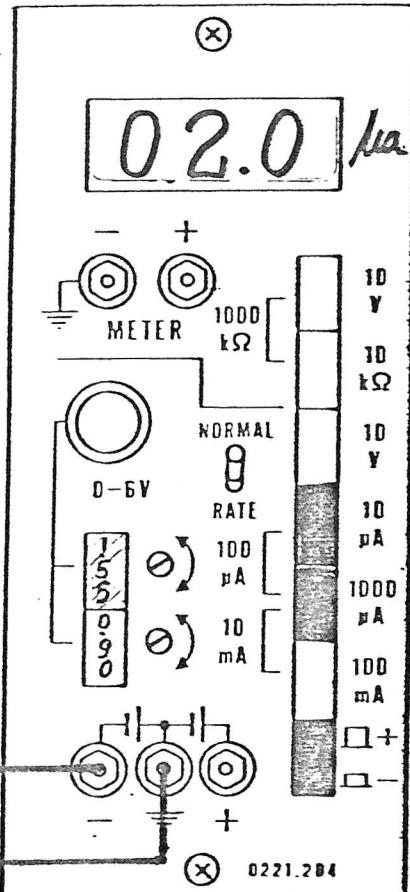
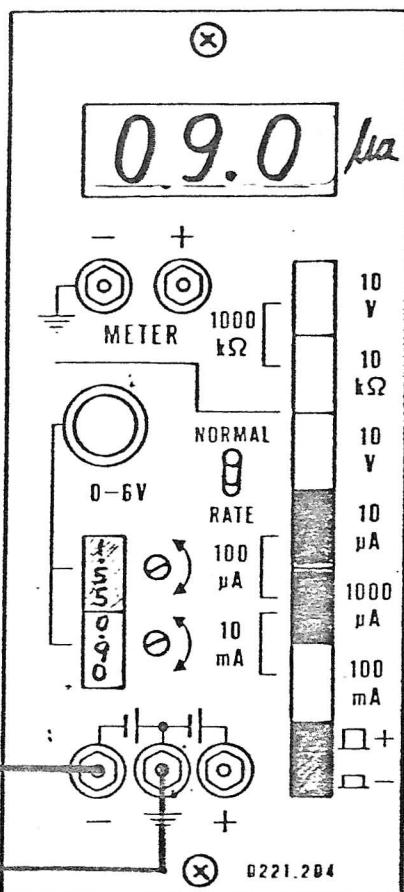
MINUS (-) UNDER THE BATTERY  
BRIDGEPLUS (+) TO THE MAIN PLATE!  
If movement is without batt  
ery, connect MINUS (-) to  
the "battery connecting place"LEAVE THE WIRES CONNECTED  
IN THIS POSITION FOR THE  
REST OF THE TESTSWORKING MINIMUM VOLTAGE

DEPRESS BUTTONS:

10 V.

0,90

WATCH SHOULD STILL WORK



MAXIMUM CONSUMPTION OF THE WATCH

DEPRESS BUTTONS:

1,55  
10  $\mu$ A  
1000  $\mu$ A

BUTTON OF BATTERY 

CONSUMPTION SHOULD NOT BE MORE THAN 9  $\mu$ A

CONSUMPTION OF THE WATCH ON STOP POSITION

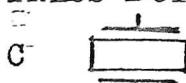
DEPRESS BUTTONS:

SAME AS THE MAXIMUM CONSUMPTION

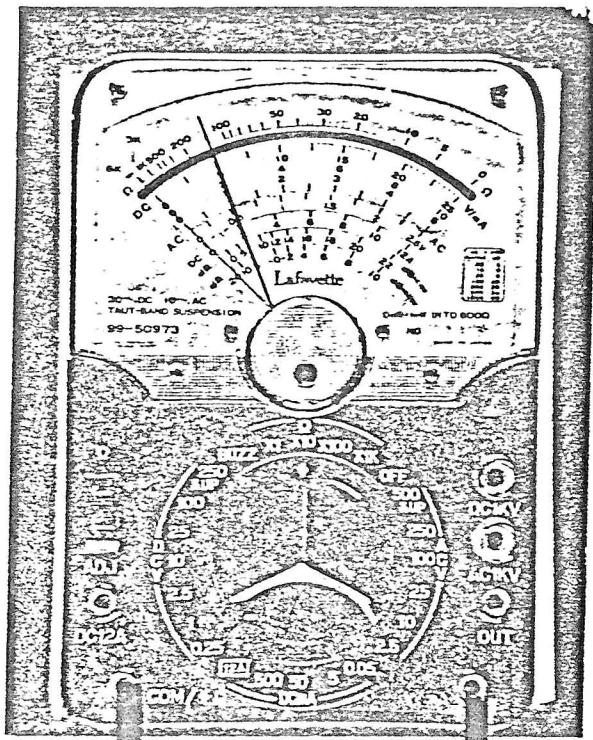
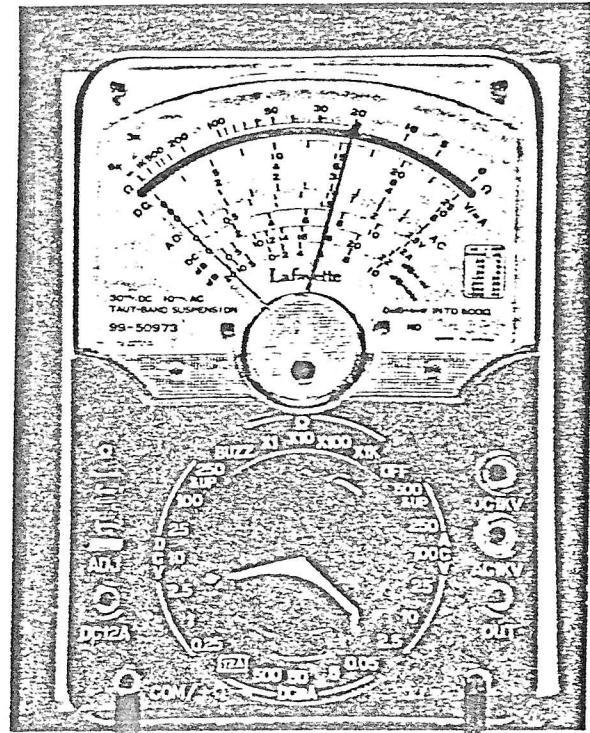
CONSUMPTION SHOULD NOT BE MORE THAN 2  $\mu$ A

TO REGULATE OR ADJUST THE FREQUENCY OF THE QUARTZ DISREGARD ALL THE BUTTONS OF THE PREVIOUS TEST

PRESS BUTTONS:



ON MICROPHONE BUTTONS: ANALOG AND 32 kHz

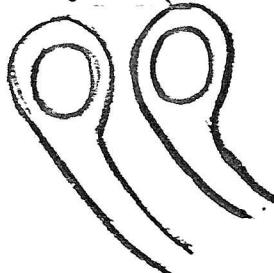


TO TEST THE RESISTENCE  
OF THE MOTOR'S COIL

PLACE WIRES TO THE  
CONNECTORS OF THE MOTOR  
WHEEL SHOULD SHOW MINIMUM  
1220  
SET VOLTMETER ON  
X 10

CONNECTORS  
OF THE MOTOR

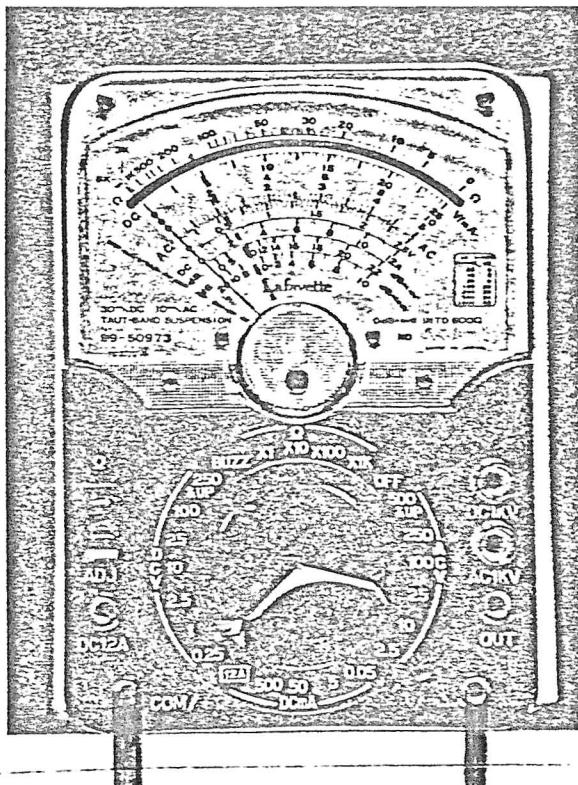
REMEMBER THAT THIS  
READING IS FROM RIGHT  
TO LEFT



TO TEST THE POTENCY OF THE  
BATTERY

PLACE WIRE — ON THE GILT  
SIDE OF THE BATTERY AND THE  
+ TO THE SIDE OF THE BATTE  
RY  
SHOULD BE 1,55 V.  
SET VOLTMETER ON DCV 2.5

WHEN TESTING BATTERY  
DO NOT HOLD LEADS ON  
BATTERY MORE THAN 2 SEC

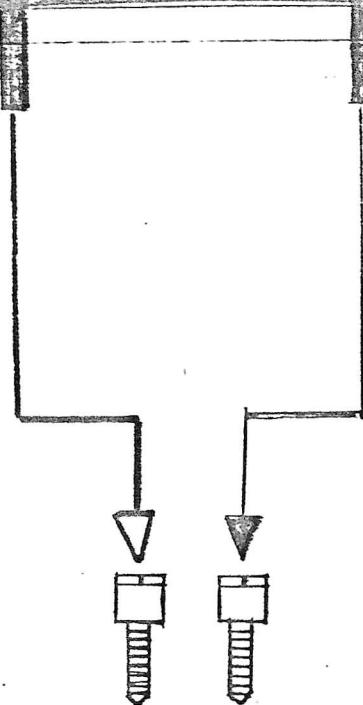


TO TEST THE IMPULSES OF  
THE QUARTZ

PLACE WIRES TO CONNECTORS  
SCREWS(YELLOW & BROWN)  
SPADE OF VOLTMETER HAS TO  
JUMP BACK AND FORTH

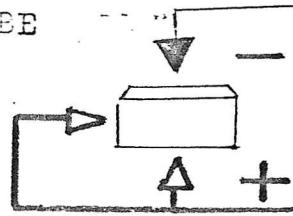
SET VOLTMETER ON DCV 0.25

THIS TEST HAS TO BE MADE  
WITH THE BATTERY IN THE  
MOVEMENT



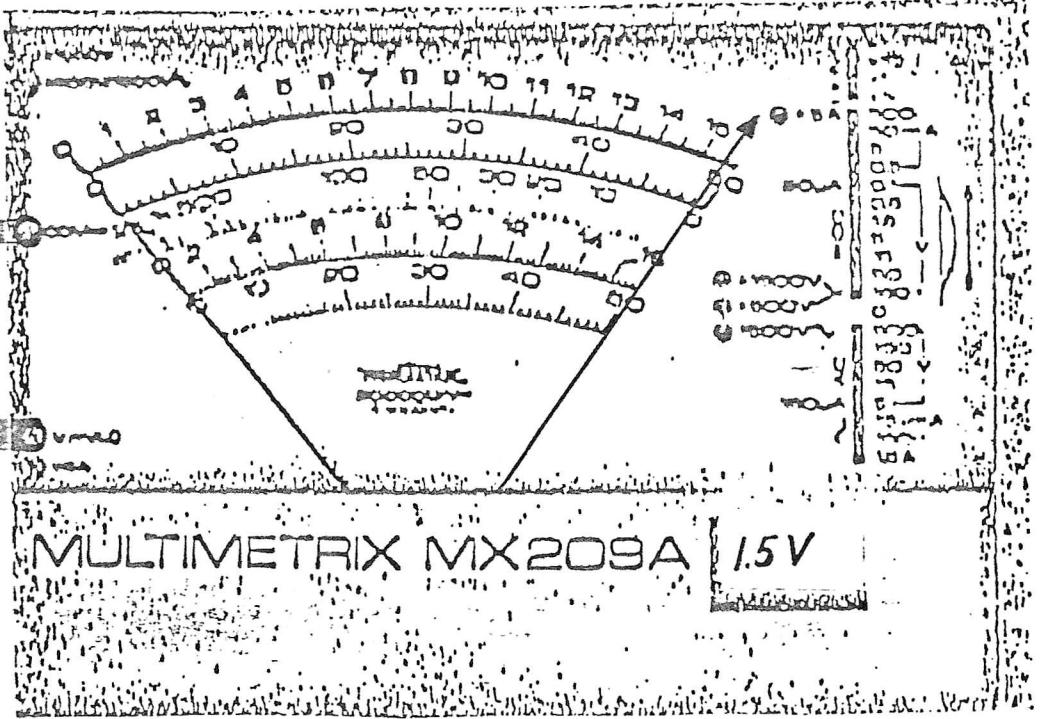
CONNECTOR SCREWS  
(YELLOW & BROWN)

TO TEST THE POTENCY OF  
THE BATTERY  
PLACE WIRE ON THE GILT  
SIDE OF THE BATTERY AND  
THE + TO THE SIDE OF THE  
BATTERY  
SHOULD BE  
1,55 V.



SET MULTIMETRIX ON  
1,5 V.

WHEN TESTING BATTERY DO NOT  
HOLD LEADS ON BATTERY MORE  
THAN 2 SECONDS



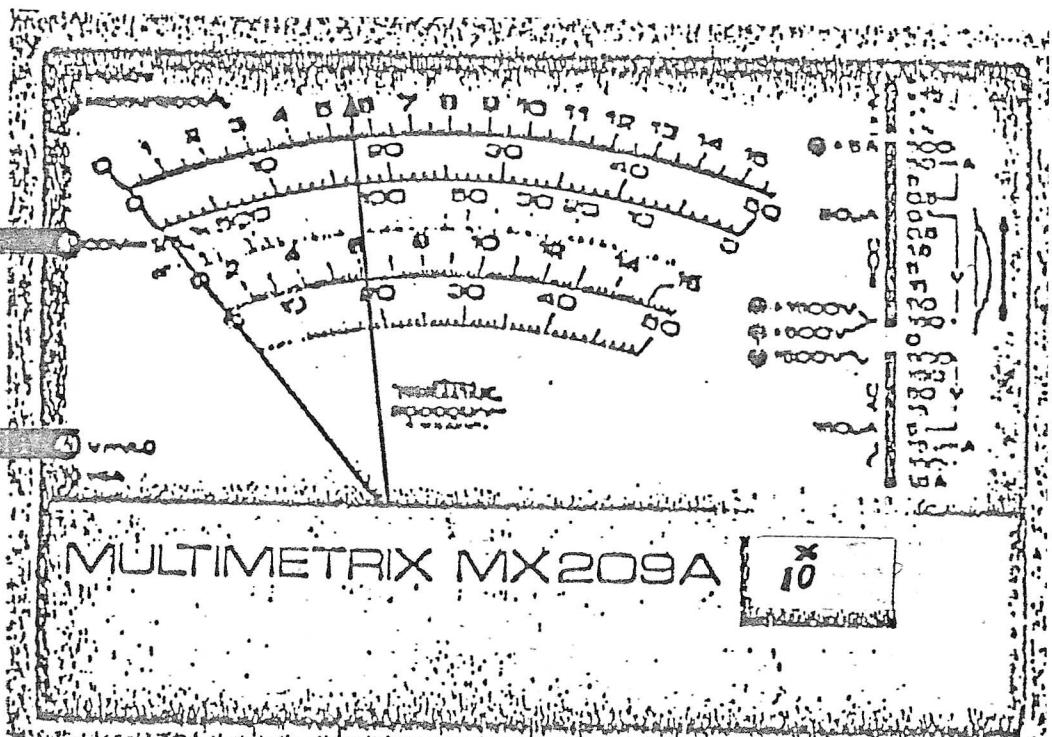
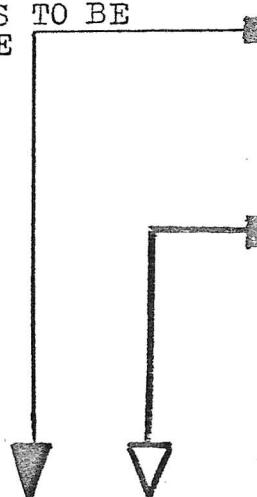
TO TEST THE RESISTENCE OF  
MOTOR'S COIL

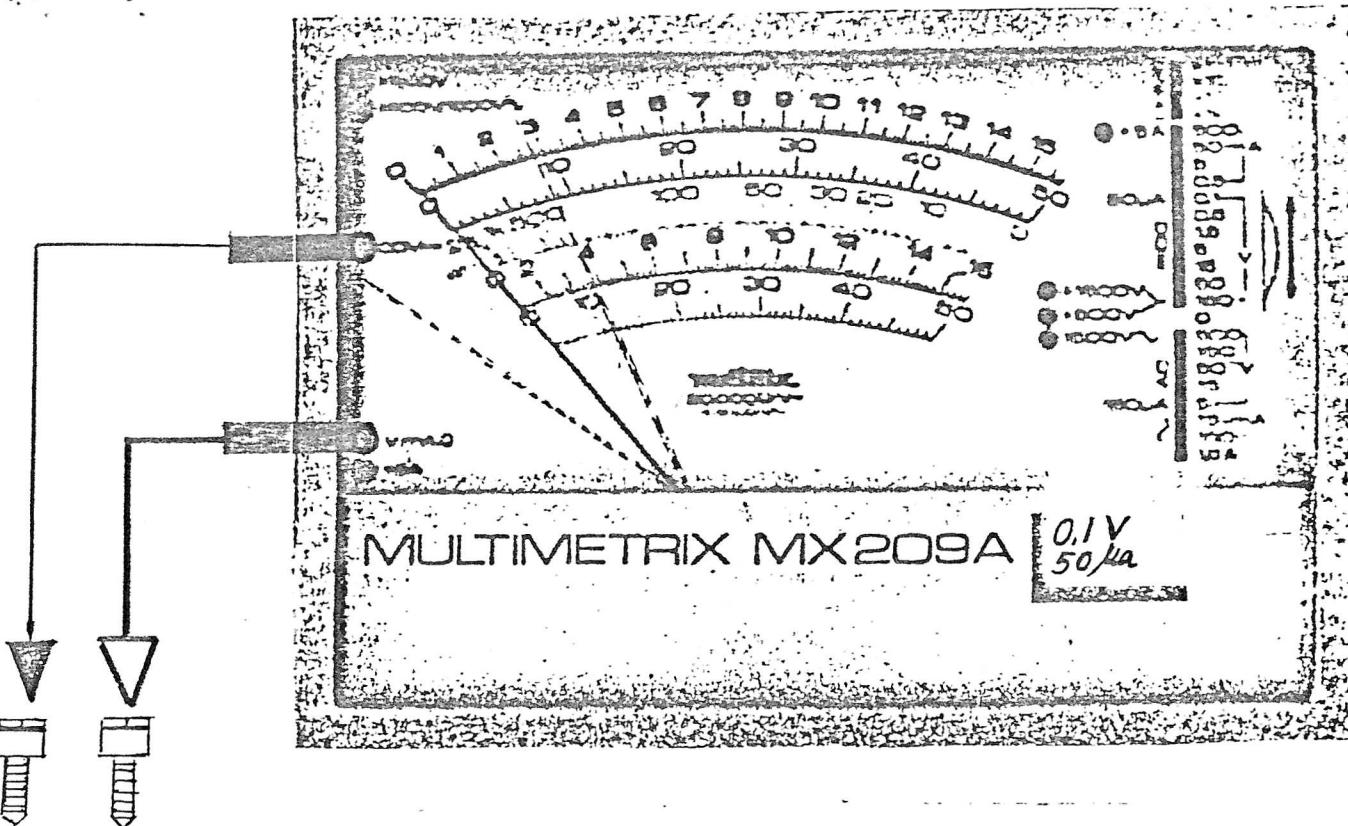
PLACE WIRES TO THE  
CONNECTORS OF THE MOTOR.  
EEDLE SHOULD SHOW MINI  
MUM 1220

SET MULTIMETRIX ON  
X 10

HIS TEST HAS TO BE  
ADE WITH THE  
OTOR OUT OF  
OVEMENT

MEMBER THAT  
IS READING  
FROM RIGHT  
LEFT





CONNECTOR SCREWS  
(YELLOW & BROWN)

TO TEST THE IMPULSES OF QUARTZ  
PLACE WIRES TO CONNECTOR SCREWS  
(YELLOW & BROWN)  
THE NEEDLE OF MULTIMETRIX HAS TO JUMP  
BACK AND FORTH

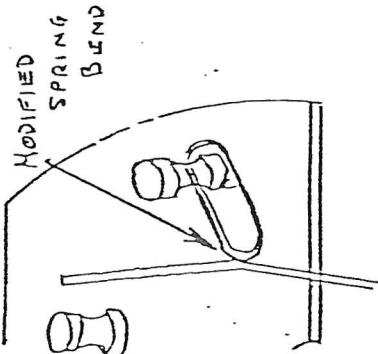
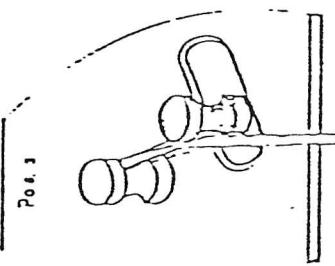
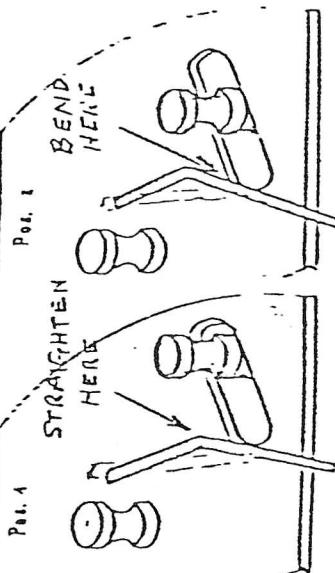
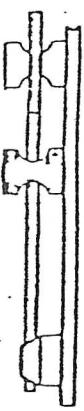
THIS TEST HAS TO BE MADE WITH  
THE BATTERY IN THE MOVEMENT

## CAUTIONS

- ) Before opening the watch, clean the case to prevent the dirt or metal particules from falling into the watch and motor.
- ) Use non magnetic tweesers for the movement and plastic tweesers for the battery.
- ) Remove hands in straight position. Do not move S.S. hand side ways because you could damage the tension of the pallet's springs or the teeth of the second wheel.
- ) Never touch the battery or the electronic parts with your fingers.
- ) Never wash in the cleaning machine the battery or the electronic parts. Electronic parts never have to be cleaned with liquids. You can clean the battery with a piece of dry and clean cloth.
- ) To start the disassembling or assembling of the watch set the stem and crown on first position, to prevent damage of the stop switch spring.
- ) Never clean the pallet by hand, (RINSE IT IN SOVASOL OR BENZINE ONLY) because you could damage the tension of the pallet's springs or bend the springs.
- ) Remove screws one by one to prevent attraction to the magnetic field of the motor.
- ) After removing the motor put it away in a safe place from metal particles. Better if kept in a plastic or aluminium box.
- ) The battery has to be tested no longer than 2 seconds, because if longer you could start to drain the power from the battery.
- ) Do not screw up very tight the 2 yellow brown connectors screws, because of the material of the motor's isolator.
- ) Do not press hard or hit on the trimmer with the screw driver, when adjusting the rate of the watch.

Dessin no 4

FLAT AND ALUMINUM  
WITH NOTCHES



LUBRICATION CALIBRES 5035/5055

MOTOR	Mobile frame (Coil)	Dry
TRAIN	Centre wheel	Lower pivot } Upper pivot } PML 163 PML 163
	Third wheel	Lower pivot } Upper pivot } PML 163 PML 163
	Second wheel	Lower pivot } Upper pivot } SAL 9010 SAL 9010
	Pallet	Pivoting point in } the centre wheel } Dry Teeth (every tooth) — Grease Moebius 9415 Lower pivot } Upper pivot } SAL 9010 SAL 9010
MECHANISM	Handsetting stem Handsetting pinion Sliding pinion Trigger Yoke Intermediate wheel stud Minute wheel stud Cannon-pinion	{ PML Grease

