CHECKING AND PHASING THE ACCUTRON

STEPS	214	218
1. Check Height Relationship - Look through battery compartment. a) Check to see that both jewels (Index and Pawl) are bisected by the Index Wheel. b) Make sure that each jewel contacts wheel at right angles.	p. 14-15 ¶ 3	p. 16 ¶ 2
2. Index Finger Tension Adjustment: a) Make sure that pawl jewel is engaging (holding) the Index Wheel. b) Check index finger tension by counting "jumps" (5-8) as index finger slides over wheel and comes away. For the 218 use the gauge since there is no room for jumping.	p. 15-16 ¶ 4	p. 17 ¶ 3,4, 5
3. Pawl Finger Tension Adjustment: a) Loosen Pawl Bridge Locking Screw until Pawl Bridge can be moved (not too loose). Make sure Bridge Screw is snug. b) Turn Pawl Bridge cam to its highest point--away from Index Wheel. c) Check distance between pawl jewel and wheel (distance to be less than ½ the thickness of the jewel away from the wheel.) d) Replace hands and dial, etc. (the entire load the movement will have to carry).	p. 16 ¶ 5-6	p. 17 ¶ 6 p. 18 ¶ 7
4. Start Tuning Fork Vibration: a) Use meter to check power cell "214" (make sure power cell is properly placed under clip), small side down. b) Connect meter leads to movement. Be sure the other leads are not shorted. c) Turn meter to low amplitude. If meter hand remains on high side of meter scale and movement does not "hum," start Accutron by tapping movement in 3-9 plane.	p. 16 ¶ 7	p. 18 ¶ 8
5. Phasing: a) Rotate Pawl Bridge Cam in one direction (either direction) and continue turning until wheels start rotating, continue rotating until wheels stop and start again smoothly for the second time. b) Secure Pawl Bridge Lock Screw.	p. 16-17 ¶ 8-9	p. 18 ¶ 9-10
6. Check Current: a) Turn meter switch to read "Microamperes". b) Hand of meter should be on 214. "O.K." zone or lower. (This reading is an indication of the friction level.)	p. 13 ¶ 4-5	p. 19 Test Circuit ¶ 1,2, 3,4
7. Replacing Index Guard a) Repeat Step #1 again. b) Check index guard clearance. c) Secure guard over index finger.	p. 17 ¶ 11	(No guard)

K.W. - 5/72