TO REMOVE CIRCUIT BOARD

1. Remove cabinet back.
2. Remove screw that is mounted next to volume control.
3. Place finger nail under phone jack and lift chassis up, then slide slightly in direction of cabinet bottom.

When replacing chassis, carefully tilt chassis so that tuning knob fits into knob opening, then slide chassis up towards cabinet top. Chassis mounting screw hole must line up with hole in mounting boss on cabinet.

TO REMOVE VOLUME CONTROL

1. Remove tuning knob.
2. Remove two screws mounted under tuning knob.
3. Remove control.

TO REMOVE TUNING CAPACITOR

1. Remove pulley from gang shaft.
2. Remove two mounting screws.
3. Unsolder the three gang connection lugs on dip-solder side of board.

ALIGNMENT

SET VOLUME CONTROL AT MAXIMUM, CONNECT OUTPUT METER OR SCOPE ACROSS VOICE COIL. INDUCTIVELY COUPLE SIGNAL GENERATOR TO RECEIVER.

NOTES:

1. UNLESS OTHERWISE NOTED—
   CAPACITORS MORE THAN 1=μμfd
   CAPACITORS LESS THAN 1=μfd
   RESISTORS ARE 1/2 WATT & K=1000
2. VOLTAGES & CURRENT READINGS ARE AVERAGE UNDER NO SIGNAL CONDITIONS VOLTAGES ARE NEGATIVE WITH RESPECT TO GROUND.
3. REPLACE WITH TRANSISTOR TYPES SHOWN.
4. FOR NPN TRANSISTORS IN TR5 & TR6
   (a) JUMPER C TO D
   (b) JUMPER A TO B
5. FOR PNP TRANSISTORS IN TR5 & TR6
   (a) JUMPER A TO D
   (b) JUMPER C TO B
6. WHEN TR4 IS RED, R15 IS 27K
   WHEN TR5 IS YELLOW, R15 IS 39K

GENERAL ELECTRIC

MODELS P820A P821A