



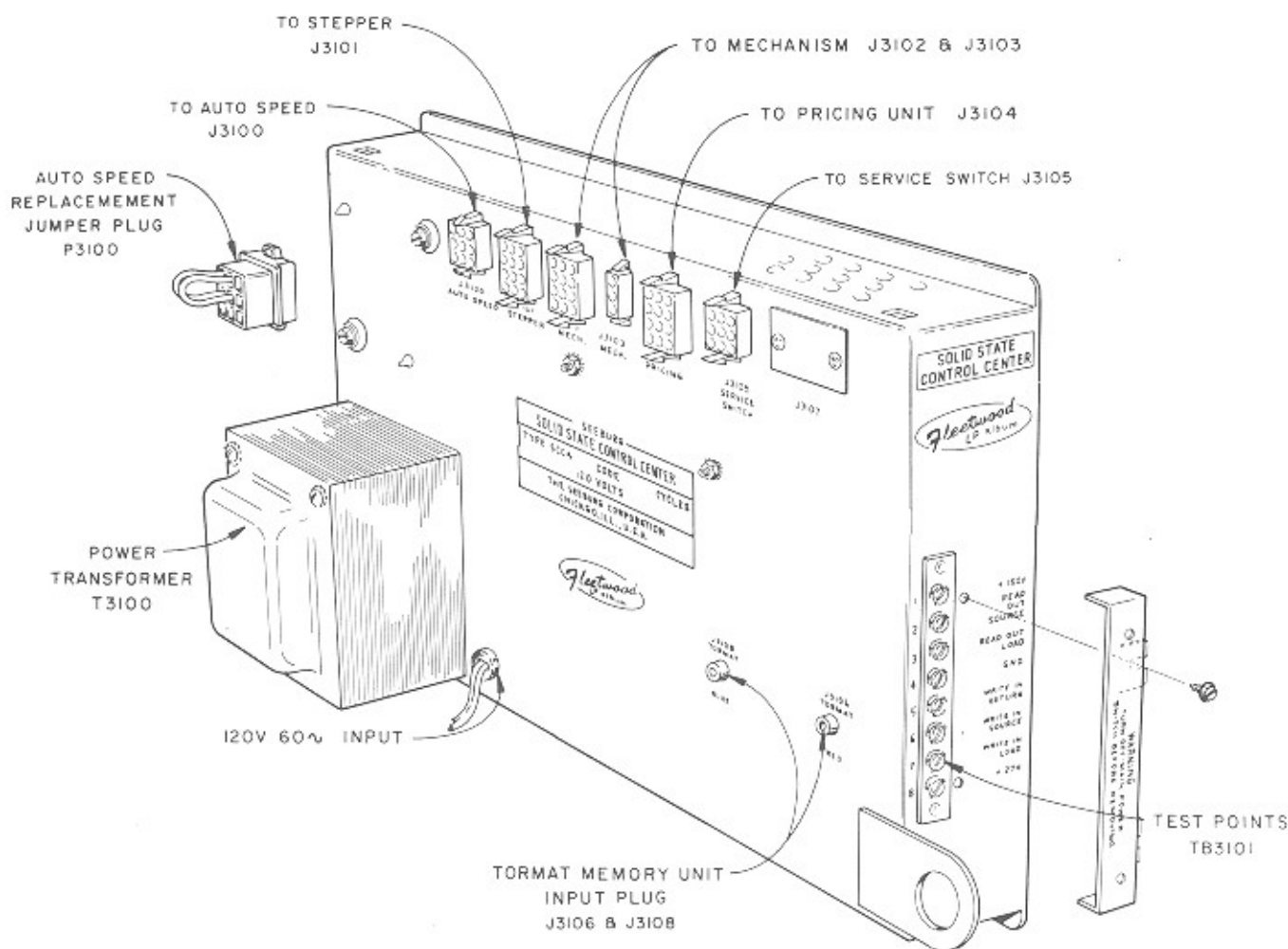
SOLID STATE CONTROL CENTER, Type SCC4

The Solid State Control Center, Type SCC4 is a power distribution center and a junction for control circuits of the Select-O-Matic APFEAI model Phonograph.

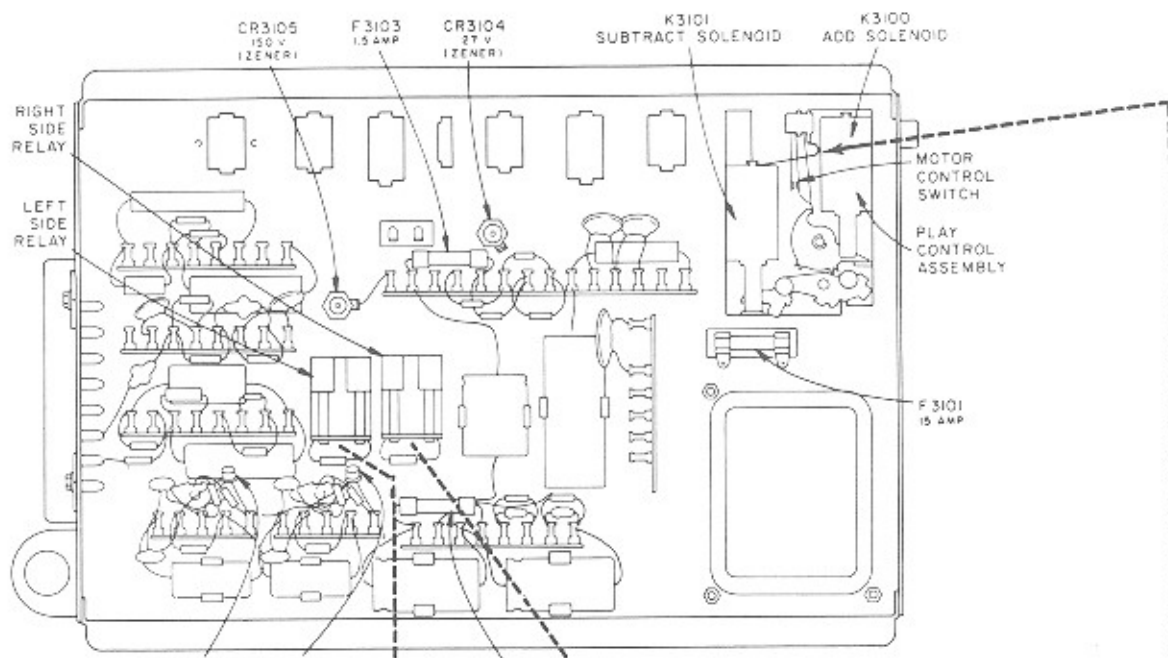
Power is supplied to the unit through a line cord and is distributed at line voltage or from the secondaries of a transformer to the electrical circuits of the complete phonograph. All connections between the SCC4 and other units within the phonograph cabinet are made with plugs that

are keyed by color and/or shape or number of contacts so they cannot be incorrectly connected. Test points are incorporated in the SCC4 chassis to facilitate trouble shooting.

A Solid State Stepper Unit, Type SSU2 is used with the Solid State Control Center whenever remote control operation is employed. All inter-connections are made with plugs. The stepper unit has a 12-prong plug on the end of a cable for connection to the SCC4 and an eight screw terminal strip for connecting Wall-O-Matics.

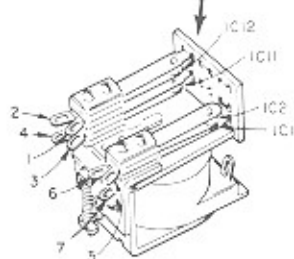


SOLID STATE CONTROL CENTER, Type SCC4



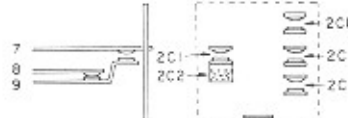
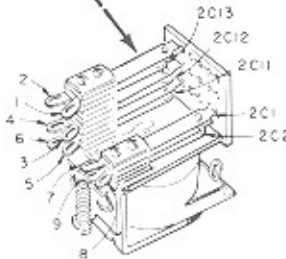
CONTACT FUNCTION

- IC11 - Relay Hold
- IC12 - Trip Circuit
- IC1 - Read-Out Disable
- IC2 - Right Side Disable



CONTACT FUNCTION

- 2C13 - Trip Circuit
- 2C12 - Left Side Disable
- 2C13 - Read-Out Disable
- 2C1 - Relay Hold
- 2C2 - Album Transfer

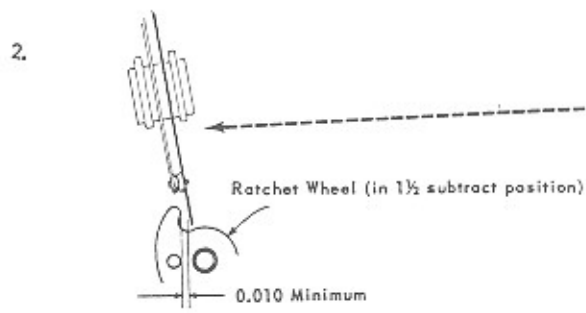


RELAY CONTACT ADJUSTMENT

1. Armature travel should be 1/16 inch measured between armature and armature back stop when relay is energized.
2. Short blades should move 1/64 inch when contacts make and break.
3. All contact gaps 0.020 inch.
3. All contact forces 1 ounce.

PLAY CONTROL CONTACT ADJUSTMENT

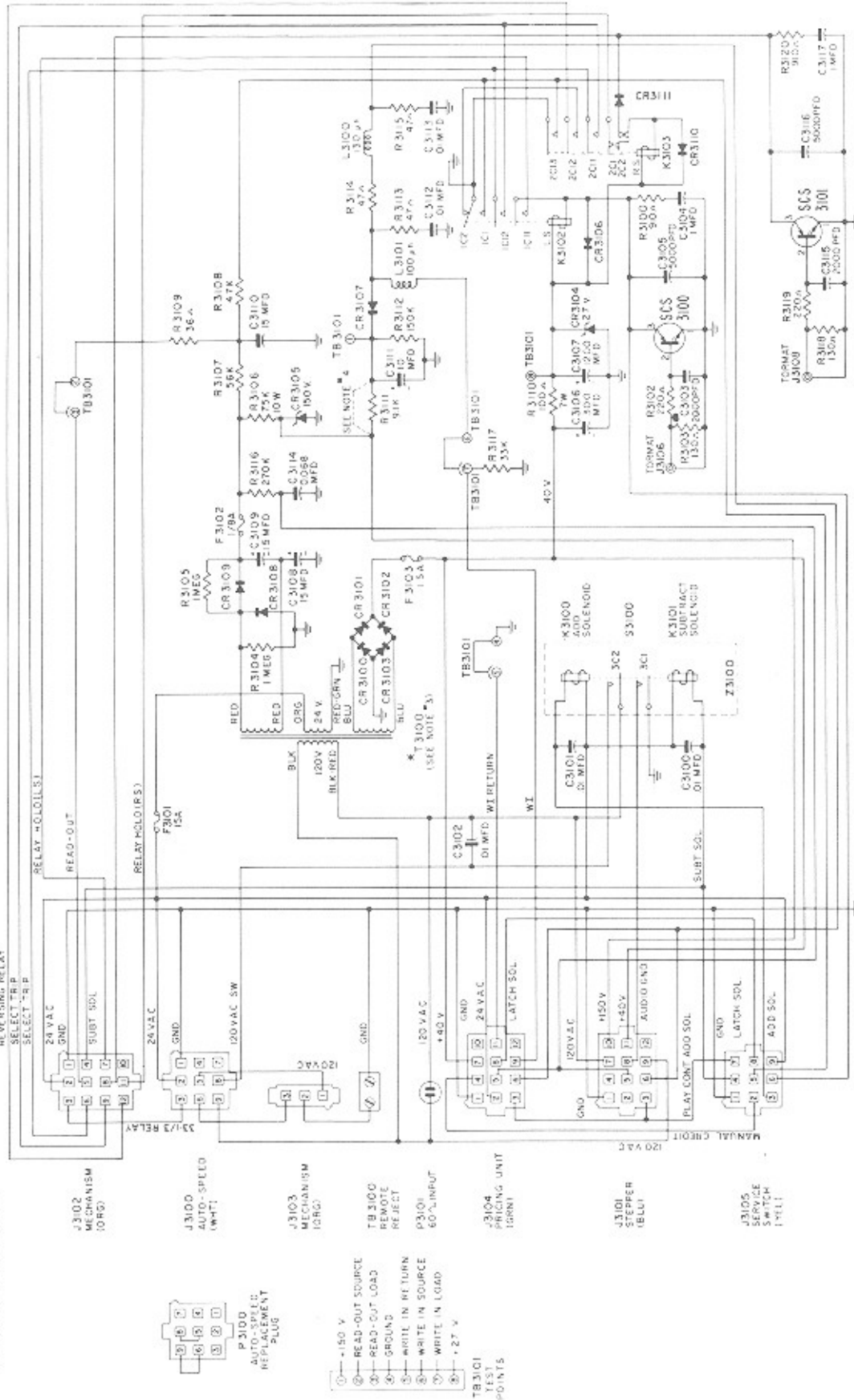
1. With ratchet wheel in fully wored position switch contact pressure should be 30 grams min. (measured at contacts).



3. With assembly in full cancel position switch contact should be open with a 0.020 min. gap.

SOLID STATE CONTROL CENTER, Type SCC4 - CODE B

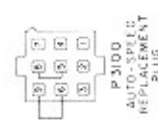
DRAWING NO. 317488



REVISION NOTE:
1- CODE A DOES NOT INCLUDE CR3111.

5- FOR 50 CYCLE UNITS, USE ALTERNATE COMPONENTS MARKED WITH AN ASTERISK (*)
4- IF VOLTAGE ACROSS C3105 IS BELOW 14.3 VOLTS A JUMPER MUST BE PLACED ACROSS R3111.

NOTES:
1- ALL SOCKETS AS VIEWED FROM WIRED END
2- ALL PLUGS AS VIEWED FROM CABLE END



- 1- +150 V
- 2- READ-OUT SOURCE
- 3- READ-OUT LOAD
- 4- GROUND
- 5- WRITE IN RETURN
- 6- WRITE IN SOURCE
- 7- WRITE IN LOAD
- 8- +27 V

(CQ)

Issue 2

PARTS LIST
on Reverse Side

13067

SOLID STATE CONTROL CENTER, Type SCC4 - CODE B

Item	Part No.	Description	Item	Part No.	Description	Item	Part No.	Description
C3100	86313	0.01 Mfd. 500 V. Ceramic	F3101	307556	15 Amp. Fuse	R3100	82661	910 Ohm 1/2 W. 5%
C3101	86313	0.01 Mfd. 500 V. Ceramic	F3102	317026	1/8 Amp. Fuse	R3102	82658	220 Ohm 1/2 W. 5%
C3102	86317	0.01 Mfd. 400 V. Ceramic	F3103	317025	1 1/2 Amp. Fuse	R3103	82655	130 Ohm 1/2 W. 5%
C3103	86255	2000 Pfd. 500 V. Ceramic				R3104	82460	1 Megohm 1/2 W. 10%
C3104	86352	1 Mfd. 200 V. Mylar				R3105	82460	1 Megohm 1/2 W. 10%
C3105	86250	5000 Pfd. 1000 V. Ceramic				R3106	81251	7500 Ohm W.W. 10 W. 10%
C3106	87611	300 Mfd. 50 V. Lytic	J3100	769870	Part of Cable Assembly 317395	R3107	82837	56000 Ohm 2 W. 10%
C3107	87718	1200 Mfd. 35 V. Lytic	J3101	309361	Part of Cable Assembly 317395	R3108	82432	4700 Ohm 1/2 W. 10%
C3108	87635	15 Mfd. 450 V. Lytic	J3102	309343	Part of Cable Assembly 317395	R3109	308971	36 Ohm 1/2 W. 5%
C3109	87635	15 Mfd. 450 V. Lytic	J3103	309340	Part of Cable Assembly 317395	R3110	81173	100 Ohm W.W. 7 W. 10%
C3110	86296	0.15 Mfd. 600 V. Molded Paper	J3104	309360	Part of Cable Assembly 317395	R3111	82633	9100 Ohm 1/2 W. 5%
C3111	87734	10 Mfd. 200 V. Lytic	J3105	710531	Part of Cable Assembly 317395	R3112	82698	150000 Ohm 1/2 W. 5%
C3112	86313	0.01 Mfd. 500 V. Ceramic	J3106	309446	Connector	R3113	82617	47 Ohm 1/2 W. 5%
C3113	86313	0.01 Mfd. 500 V. Ceramic	J3108	309446	Connector	R3114	82617	47 Ohm 1/2 W. 5%
C3114	86295	0.068 Mfd. 600 V. Molded Paper				R3115	82617	47 Ohm 1/2 W. 5%
C3115	86255	2000 Pfd. 500 V. Ceramic				R3116	82998	270000 Ohm 1 W. 10%
C3116	86250	5000 Pfd. 1000 V. Ceramic				R3117	82442	33000 Ohm 1/2 W. 10%
C3117	86352	1 Mfd. 200 V. Mylar				R3118	82655	130 Ohm 1/2 W. 5%
CR3100	309374	Silicon Diode 100 V.	K3100	303482	Add Solenoid	R3119	82658	220 Ohm 1/2 W. 5%
CR3101	309374	Silicon Diode 100 V.	K3101	303484	Subtract Solenoid	R3120	82661	910 Ohm 1/2 W. 5%
CR3102	309374	Silicon Diode 100 V.	K3102	317497	Relay L.S.			
CR3103	309374	Silicon Diode 100 V.	K3103	317486	Relay R.S.			
CR3104	309375	Zener Diode 27 V., 10 W. 10%				S 3100	303481	Play Control Switch
CR3105	309376	Zener Diode 150 V., 10 W. 10%	L3100	303503	130 Micro Henry Choke 5%	SCS3100	309377	Silicon Control Switch
CR3106	309373	Silicon Diode 100 V.	L3101	303702	100 Micro Henry Choke 5%	SCS3101	309377	Silicon Control Switch
CR3107	309384	Silicon Diode 170 V.						
CR3108	309372	Silicon Diode 600 V.				T3100	317018	Power Transformer 60 Cycles
CR3109	309372	Silicon Diode 600 V.	P3100	317495	Auto-Speed Replacement Plug Assembly	*T3100	317019	Power Transformer 50 Cycles
CR3110	309373	Silicon Diode 100 V.	P3101	766368	Line Cord	Z3100	303464	Play Control Assembly
CR3111	309373	Silicon-Diode 100 V.						

* For 50 cycle units, use alternate component marked with an asterisk.