SEEBURG

STEREO CONSOLETTE, Type SC1

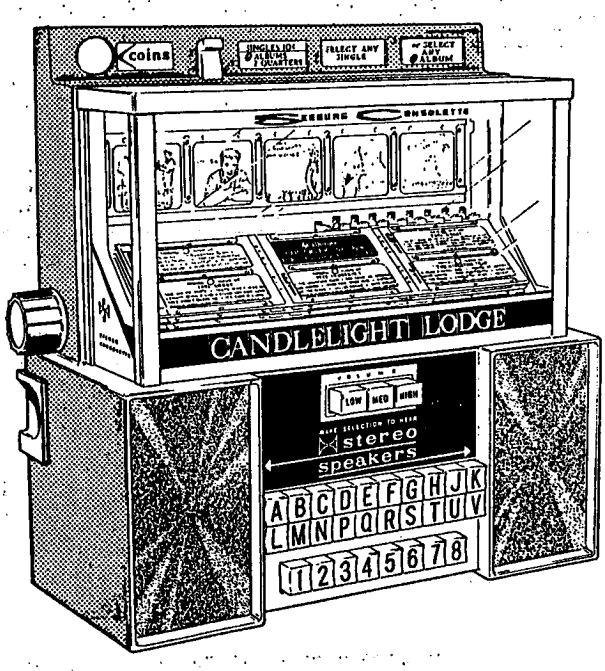


Figure 1. Exterior View.

The Seeburg Stereo Consolette, Type SC1, is a unit of the Seeburg wired remote control system designed for the remote choice of "Album" or "Single" play selections in the Select-O-Matic phonograph. The Consolette is equipped with a pair of speakers – Right Channel and Left Channel – which provide for localized listening to selections. Speaker volume may be controlled at the Consolette by push buttons marked LOW, MEDIUM and HIGH. When a selection is made at the Consolette, circuits are completed through the phonograph which permit listening to the program through the Consolette stereo speakers. The speakers continue operation until the phonograph mechanism comes to rest and are then silent until a selection is again made at the Consolette.

The Consolette operates in conjunction with the selection and audio systems in the LPC model phonograph. The Consolette is connected to the phonograph with a 10-conductor color-coded cable.

The pricing structure of the Stereo Consolette, Type SC1, is initially set up at the factory: one album for 2 quarters, three single plays for one quarter, or one play for a dime or two nickels.

The Consolette is equipped with a Type APU10-56, Album Pricing Unit, which provides extreme flexibility in setting up different pricing combinations as detailed on pages 6 & 7. The slug rejector is designed to accept quarters, dimes and nickels. Each coin operates a coin switch to establish credit for the selection of a play at the Consolette. At the same time, the credit unit in the Consolette transmits the total credits accepted to the Type IT1R-56, Income Totalizer in the phonograph which indicates total cash deposited.

When the phonograph main switch is turned on, credit lights in the Consolette go on immediately after minimum credit has been established, i.e., two nickels or a dime have been deposited. The credit lights stay on as long as there remain unspent credits.

The Consolette mechanism operates at 24 volts A.C., 60 cycles. Power is supplied by the RCSU4, Remote Control Stepper Unit, for up to 6 Stereo Consolettes. If the installation requires more than 6 Consolettes, an Auxiliary Power Supply, Type RPS6-56, must be used for each additional group of 6 Consolettes.

The black and white wires of the interconnecting cable carry power to the lights and motor. The blue and black wires comprise a selection circuit to provide remote control of the selection system operation in the phonograph. The brown, red, and orange wires are for transmittal of coin deposit information to the income totalizer in the phonograph and their terminal board is covered and sealed as shown in *Figure 2*. The balance of wires in the cable are for audio and control of the stereo speakers in the Consolette.

Bar Bracket Assembly, Seeburg Part No. 500225, is available for rigidly mounting the Consolette on bars, counters and tables.

The Stereo Consolette has been thoroughly tested before leaving the factory. Unless damaged in shipment, no adjustments to the Consolette are necessary.

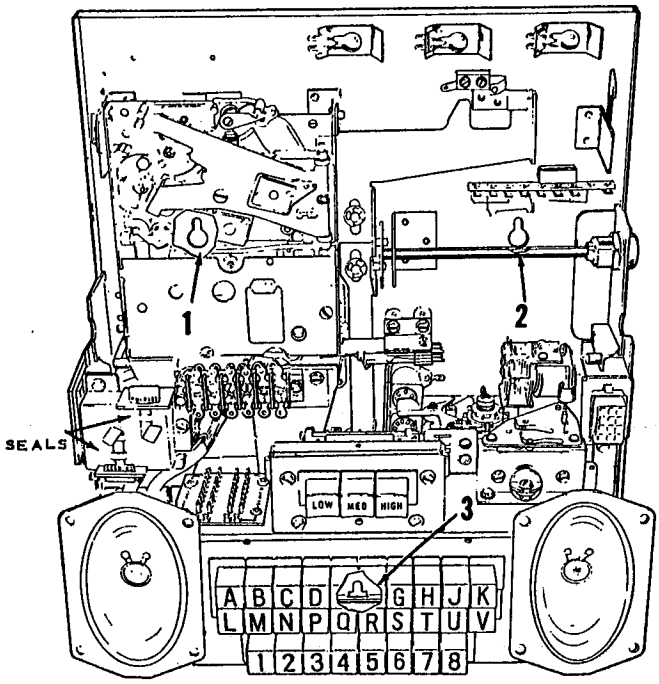


Figure 2. Interior View – Mounting and Seals.

STEREO CONSOLETTE INSTALLATION

Mounting the Consolette

There are three holes in the back plate for mounting, identified 1, 2 and 3 in *Figure 2*. The two upper holes are slotted for fitting over screws already set in the wall at the proper points. The lower hole is for rigidly mounting the Consolette by means of a screw, after it has been hung in place.

If the mounting place on the wall is uneven, the Consolette mounting plate should be shimmed with cardboard or wood before tightening the three mounting screws. Tightening the mounting screws on an uneven wall will bend the mounting plate, which may seriously affect the operation of the Consolette and may cause the cover and lock to bind.

To gain access to the mounting holes in the Consolette's back plate, proceed as follows:

1. Unlock the Consolette and slide off the housing.
2. Remove the program holder by raising the two latches at the top of the program holder and lifting it up and out of the Consolette.
3. Remove the slug rejector by lifting it up and out.

Wiring the Consolette

Use 10-conductor interconnecting cable, Seeburg Part No. 507503, to connect the Consolette to the phonograph. This cable can be purchased in bulk and cut to the correct length for each installation. It is recommended that the left hand speaker be disconnected and removed from the Consolette to prevent damage to the speaker during wiring. To wire the Consolette, proceed as follows: *(See Figures 3 and 4)*

1. Remove the cash box. Disconnect and remove left speaker. Remove the bottom hole cover and the cable channel. Remove the terminal board cover from the left hand terminal board.

NOTE: Later models have the above underlined items packaged in plastic bag inside of cash box.

(See Page 12125 for Installation.)

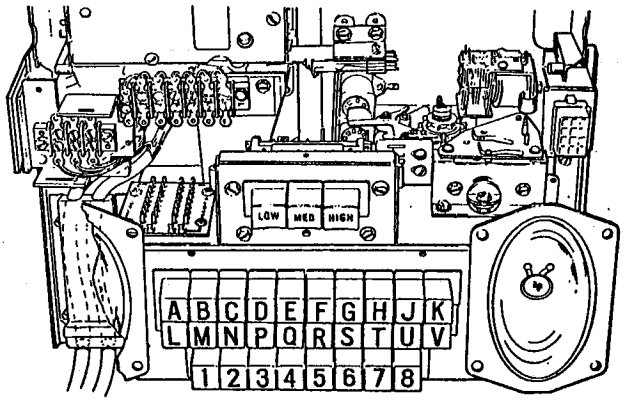


Figure 3. Terminal Boards – Wiring Connections.

2. Feed the interconnecting cable, Seeburg Part No. 507503, through the bottom hole cover and solder on spade lugs, Part No. 940592. Feed the brown, red and orange leads to the lower terminals on the left hand terminal board and carefully dress leads through slot in the mounting bracket so that leads will not be shorted when terminal board cover is installed.

CAUTION: Push spade lugs all the way on to screw to insure clearance when cover is installed.

Connect each lead to the color coded terminal that matches the color of the lead.

3. Feed the black, white, grey, violet, blue, green and yellow leads behind the right hand terminal board and up around the board to the top terminals. Limit wire dressing slack to avoid interference with the bottom of slug rejector to insure proper operation. Connect each lead to the color coded terminal that matches the color of the lead.

CAUTION: Color code matching must be strictly observed.

4. Replace the cover on the left hand terminal board; secure with two screws. Install one of the seals from the lower left side of the terminal board cover so that the serial number is right reading and fold the tab down at the score mark. Install the other seal from the upper right side of the terminal board cover and fold the tab up at the score mark. *(See Figure 2).*

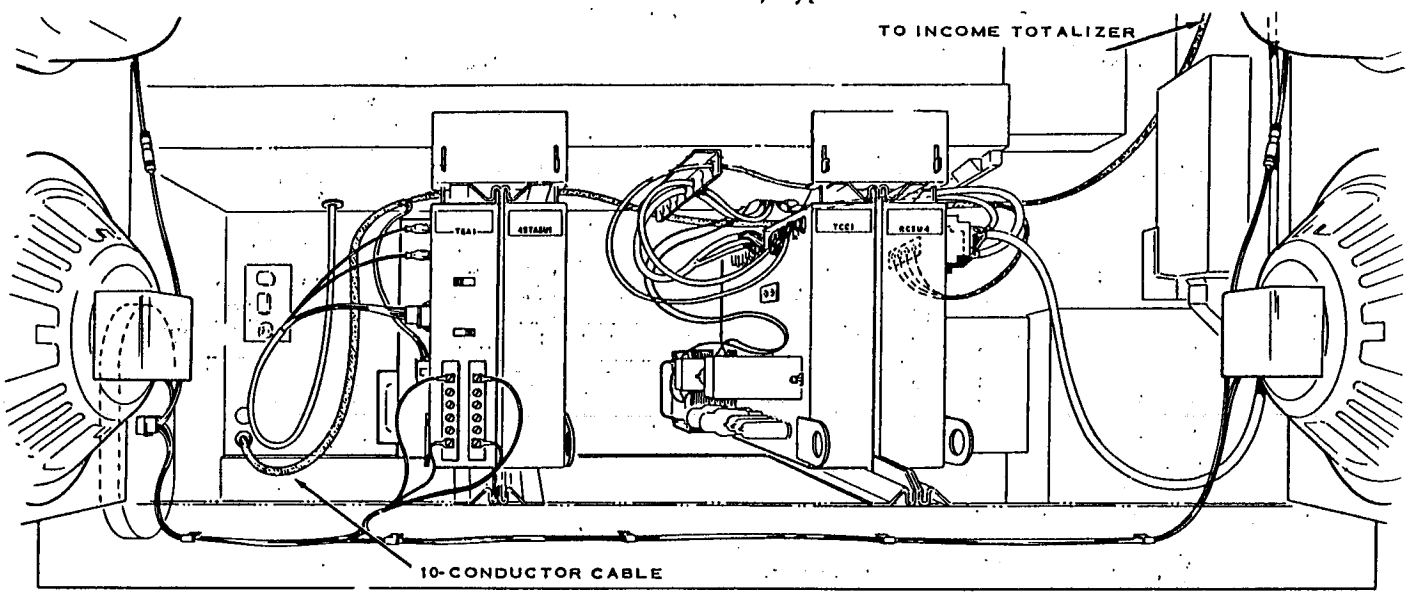


Figure 4. Phonograph Wiring Diagram – Cable Installation in Phonograph.

5. Install the cable channel over the cable and secure it with the top two screws. Position the bottom hole cover and secure both the bottom hole cover and the cable channel with the two lower screws.
6. Position the left hand speaker; secure with two screws from above the mounting bracket. Reconnect the left hand speaker by pushing-on its taper tabs. Note that tabs are different in size and must match connector on speaker to insure proper phasing.
7. Install the cash box, slug rejector and program holder.

Phonograph Wiring

Feed the 10-conductor cable through the hole (located in the lower left hand corner when facing the phonograph). Remove the Masonite plate covering the hole and feed the cable through the grommet. Dress the cable in the phonograph as shown in *Figure 4.*

Referring to system wiring diagram, *Figure 6,* connect the violet, blue, white and black leads of the 10-conductor cable to the matching color coded terminals on the terminal board in the Remote Control Stepper Unit, Type RCSU4. Solder one spade lug, Seeburg Part No. 940592 to each of these leads. Be sure the colors of the leads match the colors called for on the terminal board.

Connect the yellow, grey and green leads to the terminal block on the Transistorized Stereo Amplifier, Type TSA1. Strip the end of each lead, slip it in the proper color coded hole and tighten the terminal screw to secure the lead as shown in *Figures 5a and 5b.*

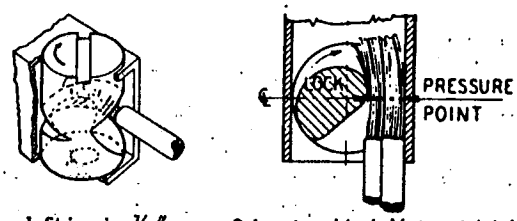


Figure 5a. Stripping and Locking Wire.

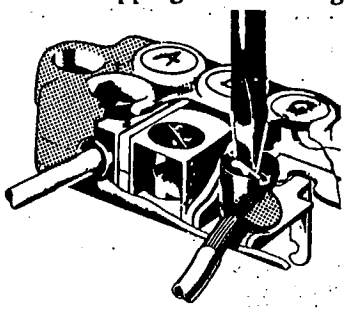


Figure 5b. Perspective Showing Application.

Connect the brown, red and orange leads to the terminal strip on the Income Totalizer, Type IT1R-56. Solder one spade lug, Part No. 940592, to each of these leads and connect them to the proper color coded terminals.

NOTE: The phonograph is capable of supplying power for six Stereo Consolettes. If the installation requires more than six Consolettes, an Auxiliary Power Supply. Type No. RPS6-56, must be added to the Remote Control Stepper Unit for each additional six Consolettes. Connect the remaining leads from these Consolettes in the same way as the first six Consolettes.

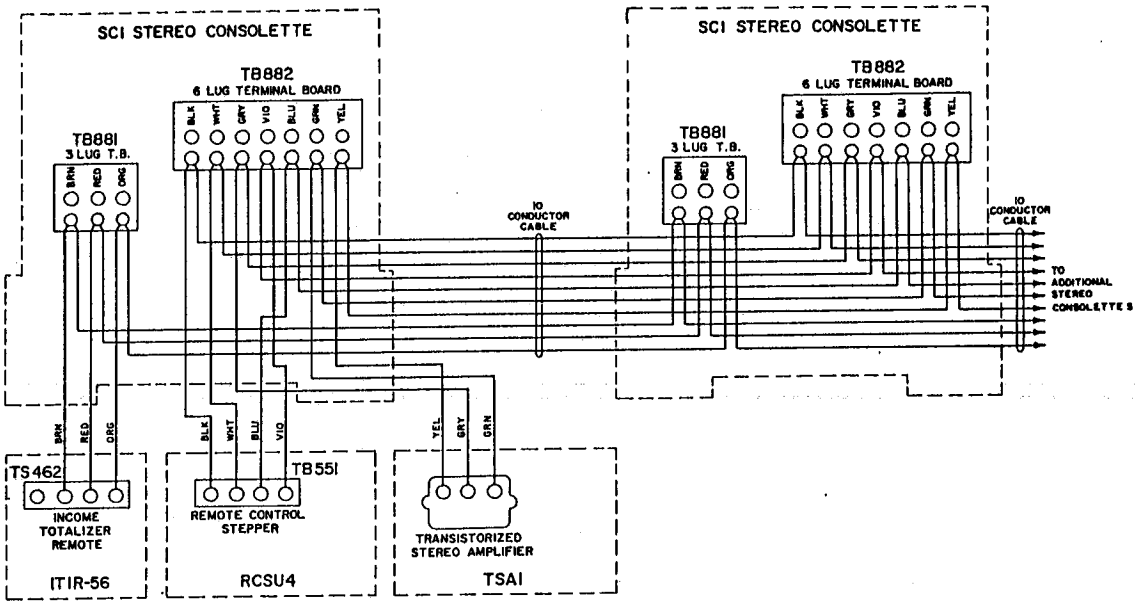


Figure 6. System Wiring Diagram.

Phonograph Wiring

(Used on LPC1R Model Phonographs above Serial No. 112980 (approximately)

On later model phonographs, a 10-Station Cam Action Terminal Block is used for connecting the 10-conductor cable to the phonograph as shown in *Figure 7.* Internal cabling from the Terminal Block to the various electronic components in the phonograph is factory installed.

Stripping and locking of 10-conductor cable wire is the same as illustrated in *Figures 5a and 5b.* A system wiring diagram using the 10-Station Cam Action Terminal Block is shown in *Figure 8.*

NOTE: For application of Cover Seal, refer to section titled "Stereo Consolette Installation"; Page 12118, step 4.

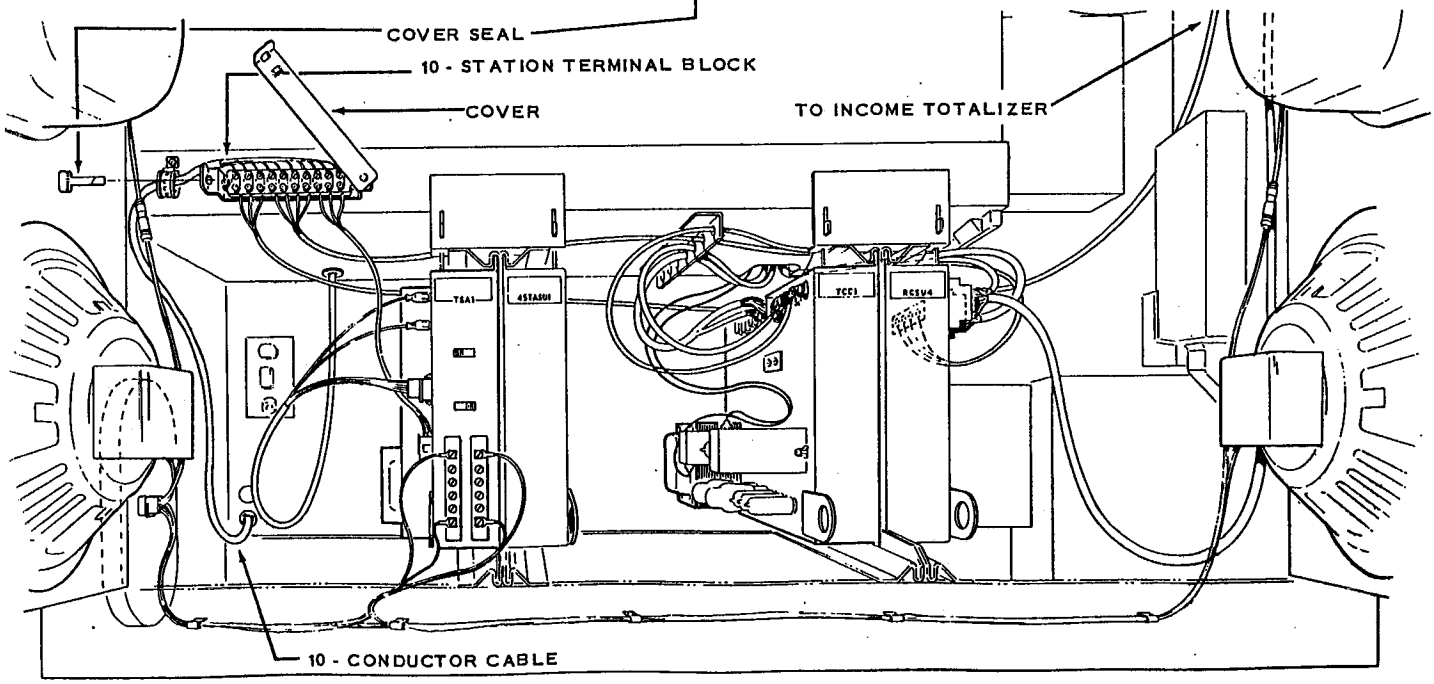


Figure 7. Phonograph Wiring Diagram - Cable Installation in Phonograph.

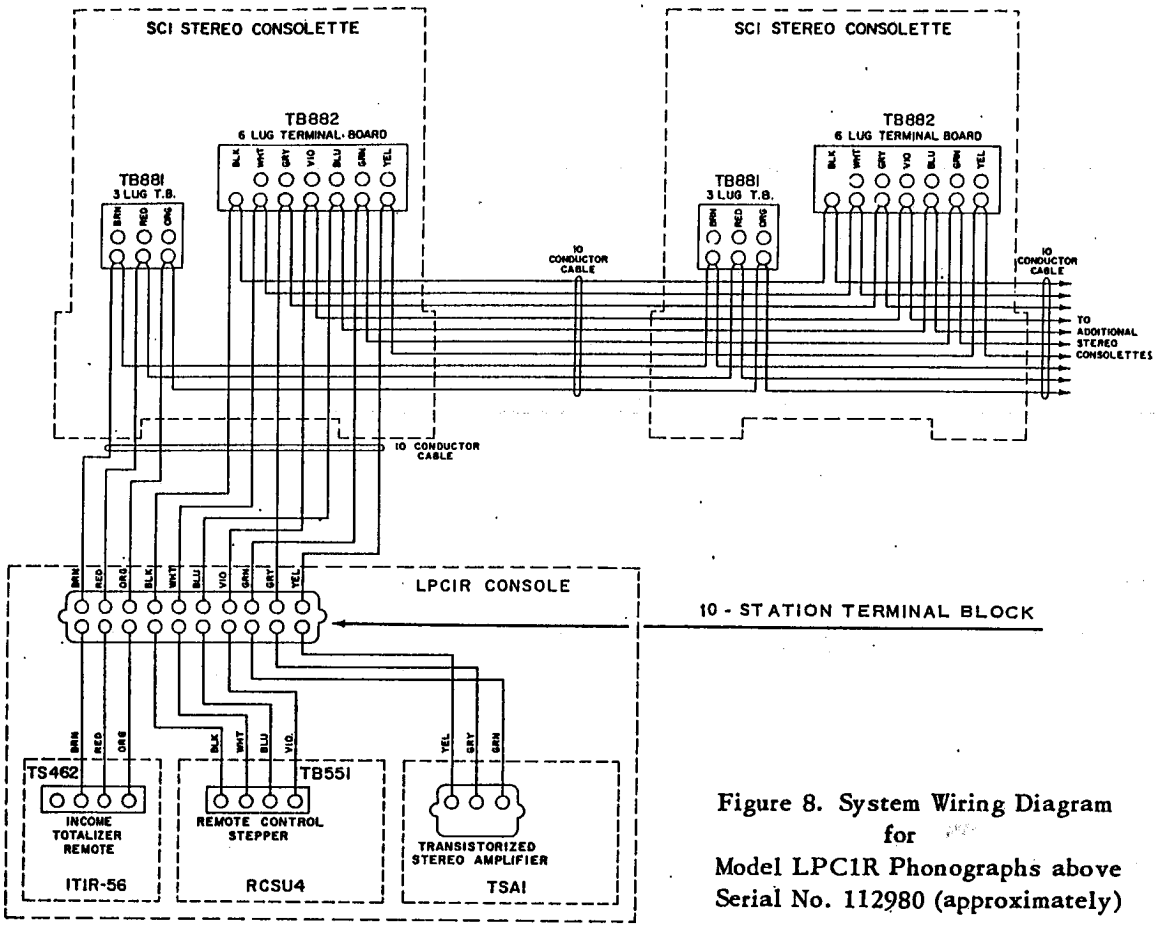


Figure 8. System Wiring Diagram for Model LPC1R Phonographs above Serial No. 112980 (approximately)

PROGRAM HOLDER INSTALLATION

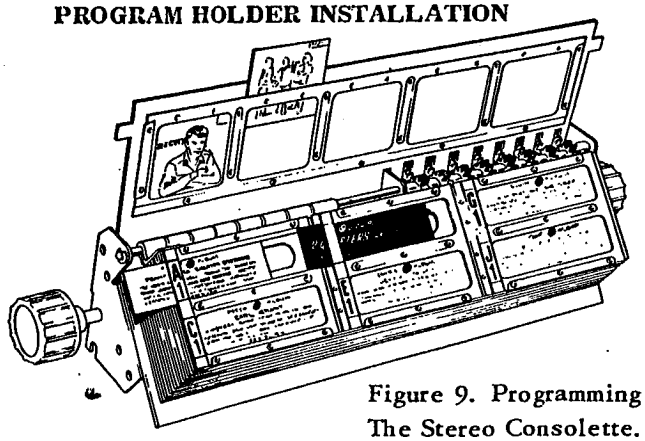


Figure 9. Programming The Stereo Consolette.

Lithographed LP miniature facsimiles of the album record jacket are supplied for the Consolette in the Albums of the Month Record Package. Unlatch and remove the program holder from Consolette. Slide five album facsimiles in the upper plate of the program holder from the top. Slide five album facsimiles in the lower plate of the program holder from the bottom.

Slide five title strips in each side of the eight program leafs, slide each strip in from the left side of the program leaf. Be sure the "letter-number" codes on each title in the Consolette match the "letter-number" code for that title in the phonograph. Slide the album pricing card or single pricing card in the upper center slot on every program leaf, *Figure 9.*

Install the program holder in the Consolette and secure firmly with two latches.

PERSONALIZED LOCATION DISPLAY INSTALLATION

The Stereo Consolette features a display panel which may be used to identify the location. The display holder is secured inside the housing by two spring clips which hold it against the glass. Lift the display holder upward to remove. Hold spring clips open if necessary *(see Figure 10).*

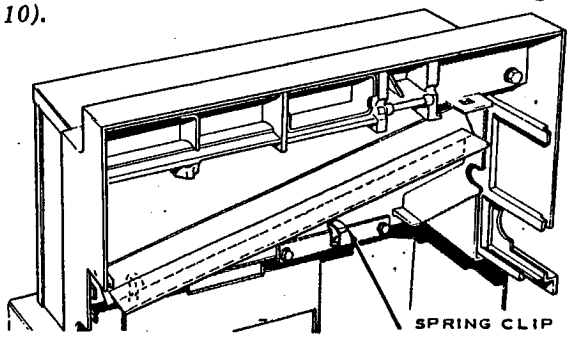


Figure 10. Removing Display Holder.

Letters, numbers and spacers, etc. required to make up the sign are available from your Seeburg distributor under Part No. 509088, Type RACK-1, Remote Alphabet Case Kit.

Slide letters into position, making certain that all characters are close together, on the same plane and that the completed display is centered *(see Figure 11).*

When the display holder is loaded, press it into the spring clips inside the housing. Install the housing on the Consolette and secure with lock.

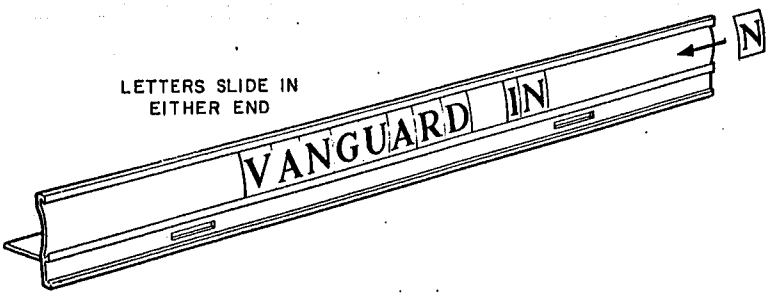


Figure 11. Letter Installation.

PROGRAMMING THE STEREO CONSOLETTE

When the Consolette is shipped, the pricing mechanism is permanently wired for "Albums" in group 1 and 2. "Singles" are set up in groups 3 through 8. Albums are priced to play for 2 quarters. Single records are priced to play for ten cents or three for a quarter.

In order to change the album grouping or to provide additional groups of albums, shift the two (2) leads which correspond to the particular group to be changed, from the "Singles" terminals to the "Albums" terminals, or vice versa to change from "Albums" to "Singles" grouping as shown in *Figure 12.* It is recommended that "Albums" grouping changes be made in numerical order. Number Strip Cards in the program holder should be changed at the time when "Album" grouping is changed. The cards are available from your Seeburg Distributor and are listed below.

PART NO.	ALBUM GROUPING
507701	NUMBER STRIP CARD A3
507702	NUMBER STRIP CARD A4
507703	NUMBER STRIP CARD A5
507704	NUMBER STRIP CARD A6
507705	NUMBER STRIP CARD A7
507706	NUMBER STRIP CARD A8

When pricing combinations are to be modified, change the Pricing Window in the top of the Consolette housing and change the Pricing Cards in the program holders.

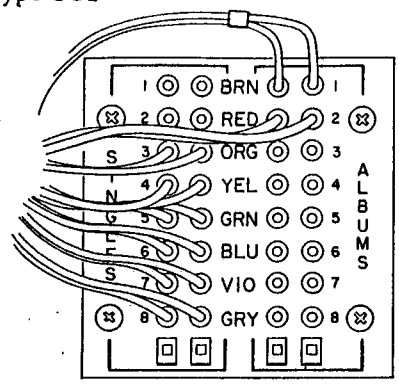


Figure 12. Pricing Terminal Board.

Number	PRICING WINDOW PART NUMBER	SINGLE PRICING CARD PART NUMBER	ALBUM PRICING CARD PART NUMBER
1	*507457	*507508	*507506
2	507660	507508	507686
3	507457	507683	507506
4	507660	507683	507686
5	507661	507684	507686
6	507457	507685	507506
7	507660	507685	507686

* SUPPLIED WITH STEREO CONSOLETTE.

Figure 13. Pricing Windows and Cards.

The table, *Figure 13,* lists pricing windows and pricing cards which correspond to pricing windows for seven (7) different pricing combinations numbered (1) through (7) and listed in *Figure 18,* Album Pricing Unit Adjustment Chart. Items identified by an asterisk are supplied with the Consolette. All others are available from your Seeburg distributor.

For complete Album Programming of the Stereo Consolette, refer to Album Programming Instruction Sheet, Part No. 507715. It further illustrates and details requirements involving the adjustments of the APU10 and associated application of pricing cards and windows.

Refer to the phonograph instruction manual for the procedure for making corresponding pricing changes in the phonograph. Be sure the phonograph and each Consolette are set to play the same selection with the choice of the same "letter-number" group.

Pricing Window Kit (Quarter Only), Part No. 509150, makes it possible to set up the slug rejector for quarter play only. Nickels and dimes deposited are automatically returned. A new Pricing Window and "Singles" Pricing Card is included.

PRICING CHANGE ADJUSTMENTS

The Album Pricing Unit, Type APU10-56 is designed for use in the Stereo Consolette. It exemplifies high versatility in credit units and is capable of extreme flexibility in setting up pricing combinations and Album Programming. A chart, *Figure 18,* condenses information regarding the setup requirements for seven (7) popular pricing combinations.

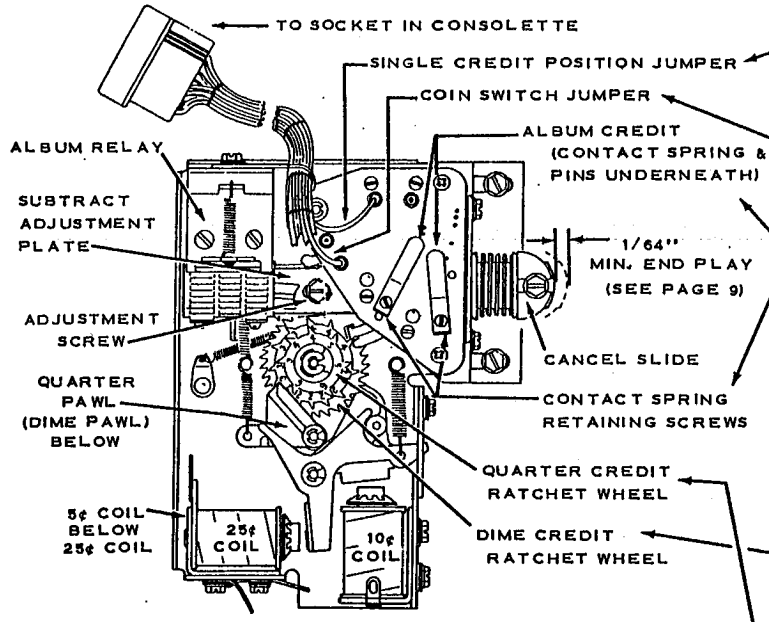


Figure 14. Album Pricing Unit, APU10-56

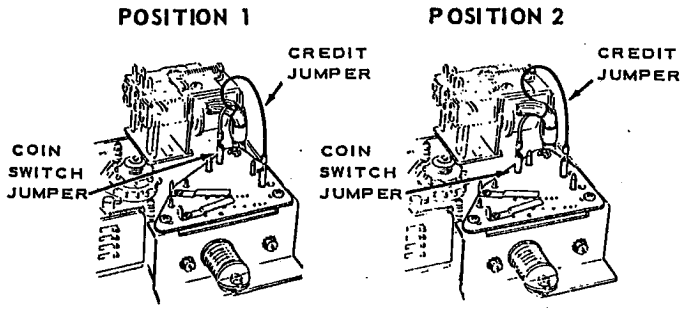


Figure 15. Coin Switch and Credit Jumpers.

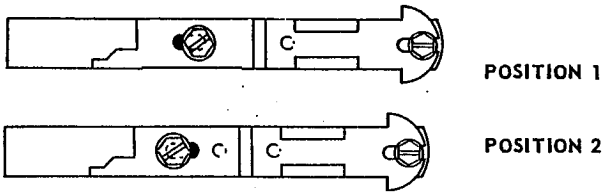


Figure 16. Subtract Plate Positions.

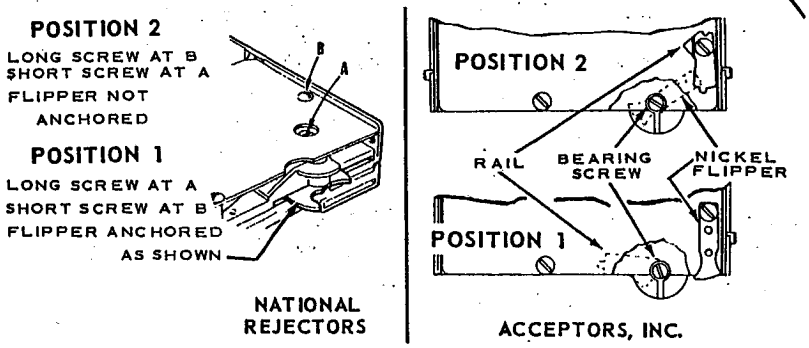


Figure 17. Slug Rejector Adjustment.

Adjusting the Pricing Unit

1. Connect the Single Credit Position Jumper (grey) as required, see *Figure 15.*
2. Connect the Coin Switch Jumper (red-white) as required, see *Figure 15.*
3. Remove the contact spring retaining screws and place the contact pins in their required positions. Replace contact springs and tighten in position.
4. Adjust the Credit Ratchet Wheels to the required settings as follows:
   a. Turn the ratchet wheel assembly to the maximum clockwise position. This places all three ratchet wheels in zero credit position.
   b. Lift and turn the 10¢ ratchet wheel (the middle wheel) to the number shown in the Pricing Chart *(Figure 18).* The peak of the tooth on the 10¢ add pawl should be in line with the peak of the first number in the group of credit per coin indicating numbers (when counting clockwise) on the ratchet wheel.
   c. With the 10¢ ratchet wheel adjusted, lift and turn the 25¢ ratchet wheel to the number shown in the pricing chart. The peak of the tooth on the 25¢ add pawl should be in line with the peak of the first number in the group of credit per coin indicating numbers (when counting clockwise) on the ratchet wheel.
5. To adjust the Subtract Adjustment Plate, first loosen the adjustment screw. The screw can be reached when the Cancel Slide is pushed in. Adjust the plate to Position 1 or Position 2 as required, see *Figure 16. Tighten screw.*

Adjusting the Slug Rejector

Remove the slug rejector from the Consolette and set the flipper to Position 1 or Position 2 as required. See *Figure 17.*

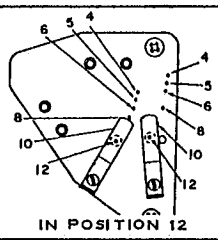
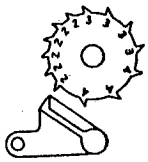
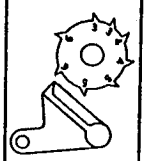
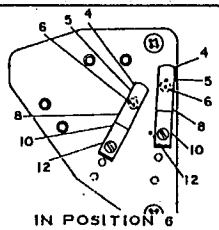
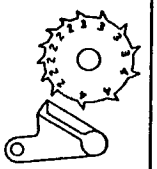
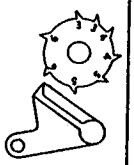
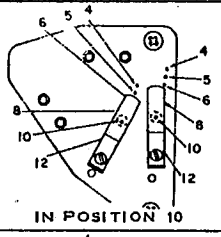
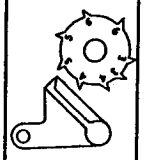
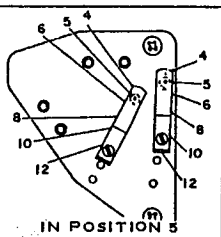
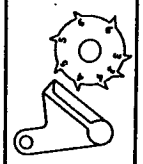
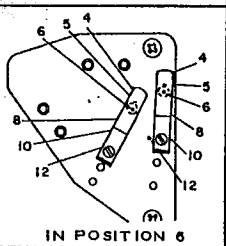
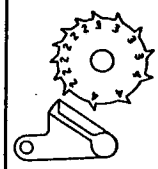
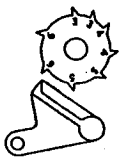
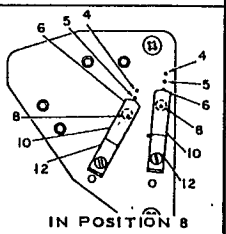
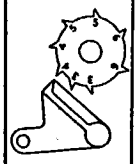
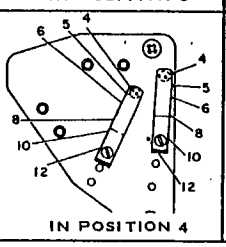
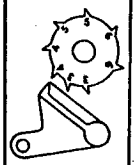
NUMBERS	PRICING WINDOW, SINGLE PRICING & ALBUM PRICING INFORMATION	ALBUM CREDIT CONTACT PIN POSITIONS	CREDIT RATCHET WHEEL POSITIONS		SUBTRACT ADJUSTMENT PLATE POSITION	SINGLE CREDIT JUMPER POSITION	COIN SWITCH JUMPER POSITION	SLUG REJECTOR
			DIMES	QUARTERS				
1	singles 10¢ per selection QUARTER 3 selections albums: 2 QUARTERS				POSITION 2	POSITION 2	POSITION 2	POSITION 1
2	singles: 10¢ per selection QUARTER 3 selections albums: 1 QUARTER				POSITION 2	POSITION 2	POSITION 2	POSITION 1
3	singles: 10¢ per selection QUARTER 5 selections albums: 2 QUARTERS		NOT USED		POSITION 1	POSITION 1	POSITION 1	POSITION 2
4	singles: 10¢ per selection QUARTER 5 selections albums: 1 QUARTER		NOT USED		POSITION 1	POSITION 1	POSITION 1	POSITION 2
5	singles: 5¢ per selection QUARTER 6 selections albums: 1 QUARTER				POSITION 1	POSITION 1	POSITION 2	POSITION 1
6	singles: 10¢ per selection QUARTER 4 selections albums: 2 QUARTERS		NOT USED		POSITION 1	POSITION 1	POSITION 1	POSITION 2
7	singles: 10¢ per selection QUARTER 4 selections albums: 1 QUARTER		NOT USED		POSITION 1	POSITION 1	POSITION 1	POSITION 2

Figure 18. Album Pricing Unit Adjustment Chart.

PHONOGRAPH AUDIO POWER CONSIDERATION

In locations where the Stereo Consolette has been installed close to the phonograph, adjustments should be made at the amplifier to reduce phonograph speaker power. Excessive output from the phonograph speakers will overide and negate the sound emanating from the stereo speakers in the Consolette. As low as a 2-watt phonograph speaker setting may be required, however, the total amplifier load should not be less than 6 watts.

Refer to the LPC Installation Manual, Part No. 487390 for typical system installation using Stereo Consolettes. Note that total amplifier loading must not exceed 25 watts per channel.

INSTALLATION OF TERMINAL BOARD COVER, CABLE CHANNEL & BOTTOM HOLE COVER

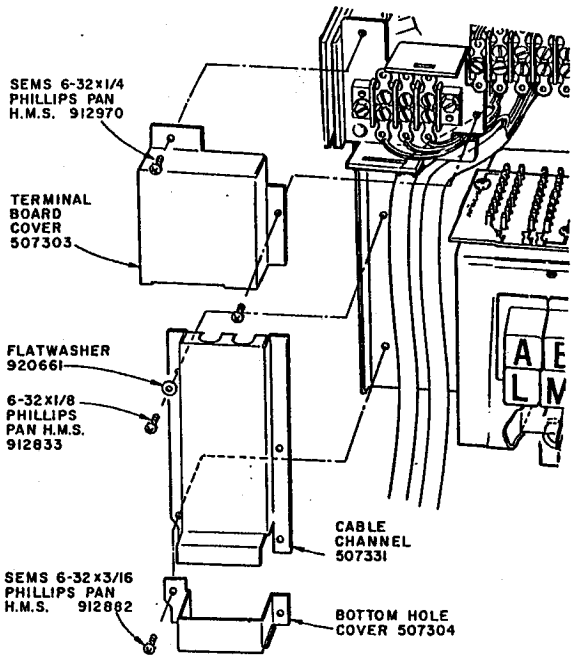


Figure 19.

The above illustration shows the placement and installation of the Terminal Board Cover, Cable Channel and Bottom Hole Cover as required in the Stereo Consolette, Type SC1, and detailed in the Manual Section titled "Wiring the Consolette", paragraphs 1 through 5.

REMOVAL & INSTALLATION OF APU10

TO REMOVE APU10

1. Rotate Contact Wiper Arm on Motor Assembly to position shown in Fig. 1.
2. Disconnect the 12 contact plug.
3. Remove mounting screws. (Fig. 4).
4. Pull unit forward until free of locating pins on SC1 backplate, lift on right side turning right side outward while lifting. CAUTION do not touch Coin Switch!

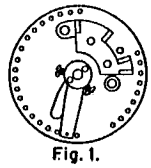


Fig. 1.

TO INSTALL APU10

1. Rotate Contact Wiper Arm to position shown in Fig. 1.
2. Pull Return Lever on Motor Assembly away from SC1 Back Plate. (Fig. 3).
3. Reverse step 4 removal procedure. Be sure Pawl Pin on Cancel Slide is between Return Lever and SC1 Back Plate. (Fig. 3).
4. Start the mounting screws. Make sure to use flatwashers if they were used previously.
5. Rotate Contact Wiper Arm to Credit Position. (Fig. 2).
6. To get proper Cancel Slide "end play" clearance of 1/32 ± 1/64 slide APU10 backward or forward. This is IMPORTANT for unit to subtract properly. (Fig. 4). SEE NOTE BELOW.
7. Tighten screws, recheck "end play", and insert plug.

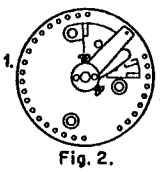


Fig. 2.

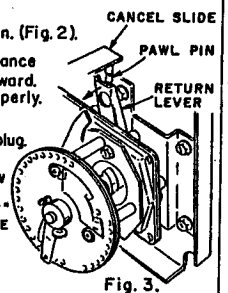


Fig. 3.

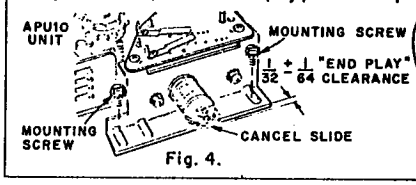
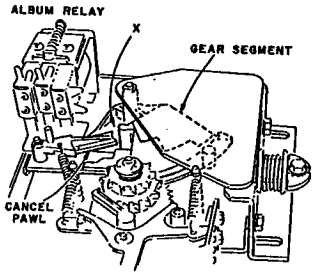


Fig. 4.



NOTE: TO AVOID BINDS, CHECK ADJUSTMENT AND ASSURE CORRECT SUBTRACT FUNCTION. ESTABLISH THIRTEEN (13) CREDITS AND, WITH ALBUM RELAY IN ENERGIZED POSITION, CHECK FOR CLEARANCE BETWEEN CANCEL PAWL AND GEAR SEGMENT AT POINT "X"; SEE ILLUSTRATION ABOVE.

MAINTENANCE AND SERVICE

CLEANING

The slug rejector should be kept free of dirt and dust. If a rejector has been working successfully and becomes erratic or fails to work at all, the trouble can generally be attributed to dirt or to some stoppage in the coin track. Cleaning only should correct the trouble.

Switch and relay contacts should be cleaned with a contact burnisher. Do not use a file, sandpaper, or emery cloth.

The contacts on the selector disc should be cleaned with a cloth saturated with carbon-tetrachloride. Do not use emery cloth or sandpaper. The contacts are silver plated brass. To sand them or clean them with an abrasive will remove the plating and expose the brass. The brass does not provide good contact and will require more frequent service as well as cause erratic operation. The contacts should not be lubricated.

The contact point on the contact arm should be cleaned with carbon-tet'. It is not necessary to remove it from the shaft. A piece of cloth saturated with carbon-tet' can be drawn under the contact point.

The selector switches should be kept free of dirt and dust by blowing out, Do not use roach powders of any kind. Most of the powders are highly corrosive and will soon cause failure of the switches. If powders have been used, the switches should be thoroughly cleaned.

LUBRICATION

The motor cams should be lubricated with Aero Lubriplate.

A drop or two of Seeburg No. 53014 Special Purpose Oil on the Motor Shaft bearings will reduce wear and friction to a minimum.

The scavenger linkage of the slug rejector can be sparingly lubricated with No. 105 Lubriplate at wear and friction points, but care should be taken so that it does not get into the coin track. Oil should not be used. The coin path of the rejector may be dusted with Motor Mica.

MOTOR

The motor is designed to operate the Consolette through a complete cycle in a little more than 2 seconds. If the motor is slow, the current impulses to the step relay (in the Remote Control Stepper Unit) will be slow and cause erratic operation of the step switch assembly. The motor can best be checked for speed by allowing it to operate steadily and counting the turns per minute of the contact arm. Normal speed is 20 revolutions per minute. Acceptable speed limits are 19.5 to 21 rpm. If the motor is slow, check for binding or excessive friction. If the motor runs slow when there are no binds, it will have to be replaced.

COIN SWITCHES

If operation of the coin switches is erratic, the slug rejector must first be removed and then the coin switch contacts carefully cleaned with carbon-tetrachloride using a No. 2 camel hair brush. Burnish the contacts by inserting a burnishing tool between them. *Never use a file or sandpaper for contact cleaning.*

Adjustment of the coin switches is shown in *Figure 20* and paragraphs A to D below.

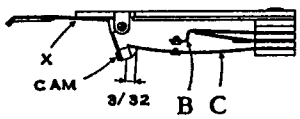


Figure 20.

A. Adjust the coin levers so they are parallel with the bottom edge of the rejector when bearing against switch bracket at "X".

B. Adjust short blade and bracer for 1/32" to 3/64" contact gap (all switches) with short blade bearing against tip of bracer approximately 1 to 3 grams (measured at contact point).

C. Adjust the long blade so it bears against the cam, as measured at the switch contact.

1. Nickel switch (front) - 8 to 10 grams
2. Dime switch (middle) - 6 to 8 grams
3. Quarter switch (back) - 8 to 10 grams

D. Adjust the switch actuating cams to be tilted as shown and overlap the switch blade approximately 3/32".

CONTACT WIPER ARM POSITION

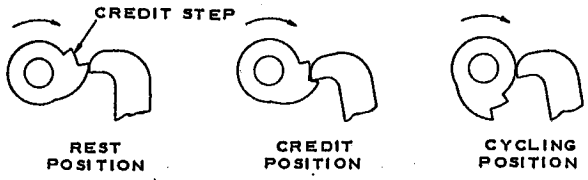


Figure 21. Cam Positions.

1. Turn the motor manually until the latch bar lever drops to the credit step of the cam and then reverse the direction until the point of the lever is against the vertical part of the cam as shown in *Figure 21* above.

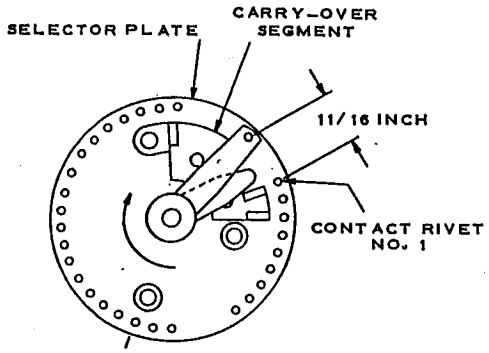


Figure 22. Wiper Arm Radial Adjustment.

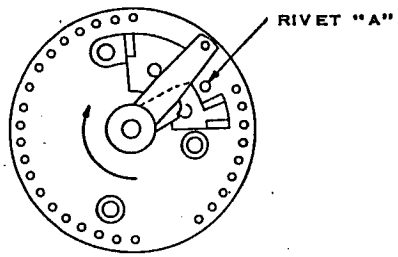


Figure 23. Rivet "A" Position.

2. Set the contact arm on the shaft so that center of outermost contact of the arm is approximately 11/16" away from the center of the first contact on selector plate, see *Figure 22.*

   Innermost contact of wiper arm should be contacting rivet "A" on selector plate, see *Figure 23.*

3. Inner blade of the wiper arm is set so that it is approximately 3/32" from the surface of the selector plate as shown in *Figure 24.* Force "F" of outer contact must be from 1¾ 2¾ ounces.

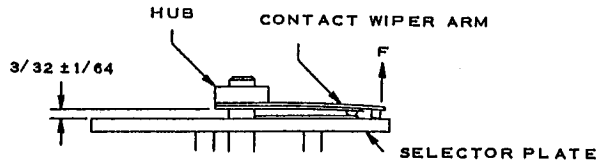


Figure 24. Wiper Arm Lateral Adjustment.

LATCH BAR ADJUSTMENT

The selection switches have three conditions of operation corresponding to the 3-positions of the cam shown in *Figure 21* and are operated by the cam through mechanical linkage. In the stand-by positions the switch latch bars are held against the pressure of the latch bar spring so the selector buttons are free to move in and out and will not stay in the pressed-in position. In the credit position the bars are released to a position which permits a selection switch, when pressed, to latch in the operated position but, if another switch is operated, the first will be released. In the cycling position the latch bars are fully released so the selection switches are locked in either the normal or pressed positions.

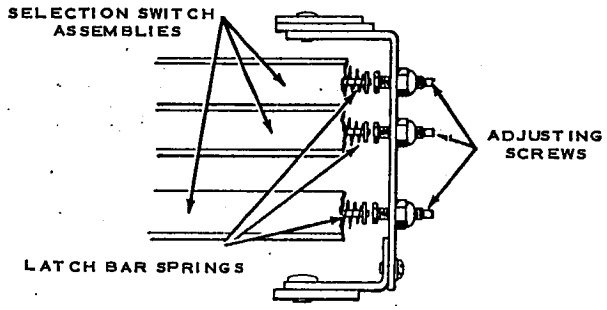
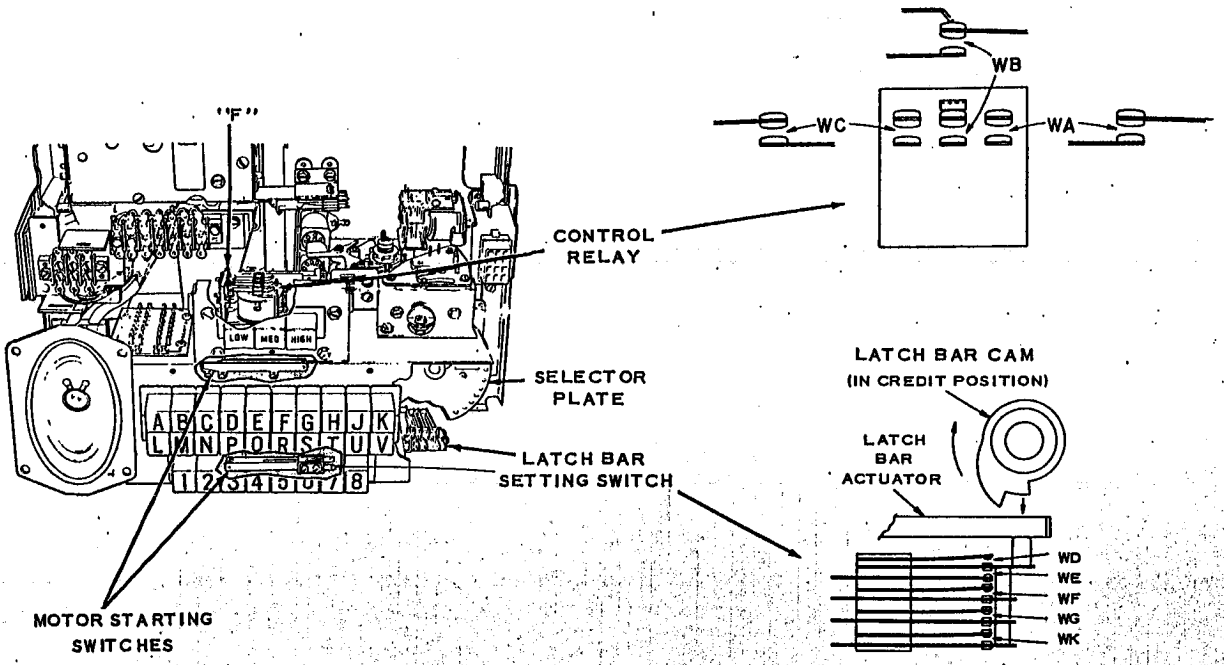


Figure 25. Latch Bar Adjusting Screws.

The adjustment for the latch bar operation is made with the screws - one for each selection switch assembly - at the right of the assemblies *(shown in Figure 25)* in the following manner:

1. Place the cam in the Credit Position *(Figure 21).*
2. Turn the adjusting screws until the selection switch shafts strike the latch bars, but do not latch in the pressed-in position.
3. Back out the screws ½ to ¾ turn.
4. Check for positive locking of the switches when the cam is in Cycling "position".
5. Check for full release and free in-and-out movement of the switches when the cam is in stand-by position.

CONTACT OPERATION & GAP ADJUSTMENT



CONTACT	STAND–BY	CREDIT POSITION	CYCLING (CREDIT-CANCEL)
LATCH BAR SETTING SWITCH			
WD	Open 1/16	Open - Min. Gap 1/64	* Closed (Minimum force 1 oz.)
WE	Closed (Min. force 1 oz.)	Open - Min. Gap 1/64	† Open
WF	Open 1/16	Open - Min. Gap 1/32	* Closed (Minimum force 1 oz.)
WG	Open 1/16	Open - 1/32	* Closed (Minimum force 1 oz.)
WK	Open 1/16	Open - 1/32	* Closed (Minimum force 1 oz.)
* Contacts "WD", "WF", "WG", and "WK" close before innermost contact of wiper arm leaves carryover segment on selector plate assembly. (Figure 22)			
† Contacts "WD" remain closed until after innermost contact of wiper arm again reaches carryover segment on selector plate assembly. (Figure 22)			
MOTOR STARTING SWITCHES			
WH	The Motor Starting Switches should make contact at the bottom of the Selection Button Stroke. They should make contact as close as possible to the bottom and still maintain contact when any button on the Switch is latched in.		
WJ			
CONTROL RELAY			
WA	All Contacts Normally Open – Minimum Gap 1/64 – Minimum Force 1 oz. Pressure required to Start From Rest Postion Measured at "F" is 2 oz. Coil Resistance is 33 Ohms ±10%.		
WB			
WC			

ALBUM PRICING UNIT, Type APU10-56

– ADD ADJUSTMENTS –

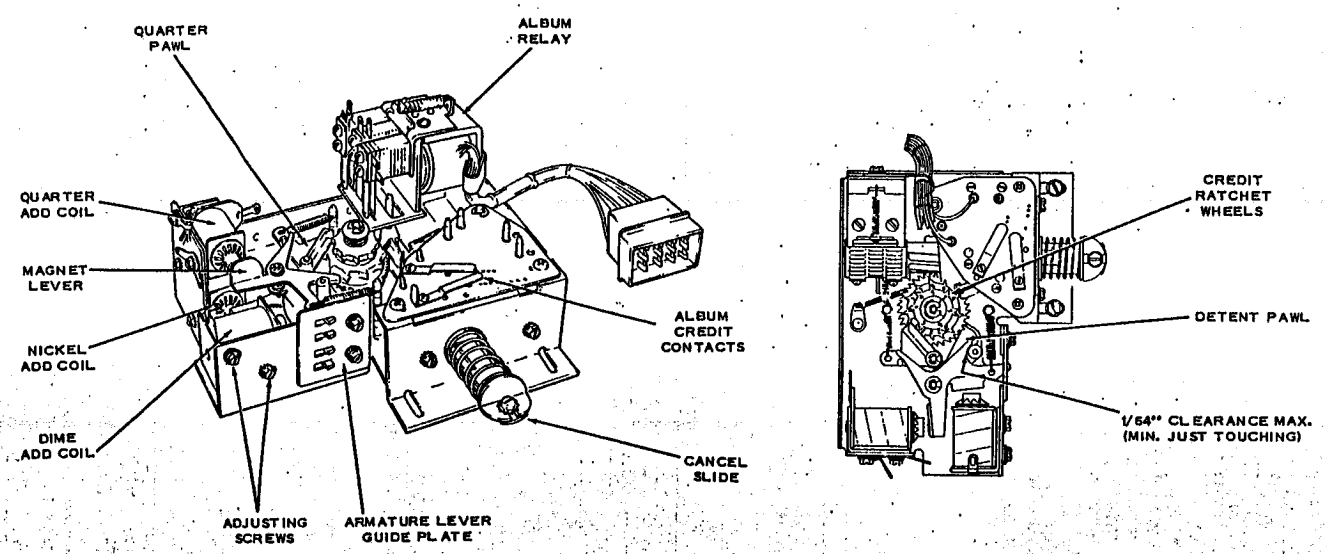


Figure 26. Component Identification.

1. Make certain that Ratchet Wheels are aligned with one another for 10¢ Add 2 and 25¢ Add 6.
2. Adjust all add coils so that the Detent Pawl is lifted out and clears periphery of Nickel Ratchet Wheel by 1/32 inch when Magnet Lever is seated on pole piece.
3. Adjust Armature Lever Guide Plate so that 1/64" clearance maximum (minimum just touching) exists between post on detent lever and all three (3) Magnet Levers. This is with cancel slide in Stand-by (depressed) position.
4. The three (3) Detent Pawls must each clear the teeth on their associated Ratchet Wheel. Re-adjust Armature Lever as required.

– SUBTRACT ADJUSTMENTS –

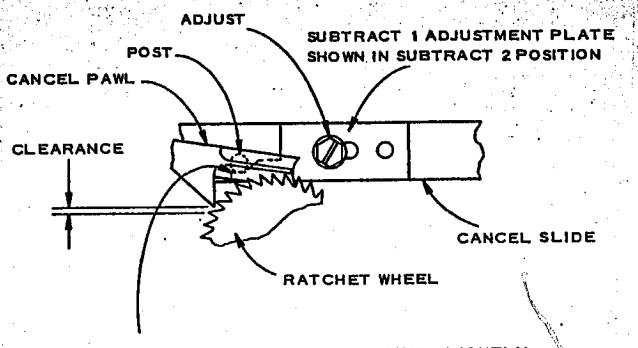


Figure 27. Cancel Pawl Entry.

1. Adjust Subtract 1 Adjustment Plate for Subtract 2 and check entry of Cancel Pawl into ratchet teeth.
2. Establish eight (8) credits on Ratchet Wheel and adjust Slide Stop Bracket to allow return stroke of Cancel Slide to return Ratchet Wheel two (2) teeth.

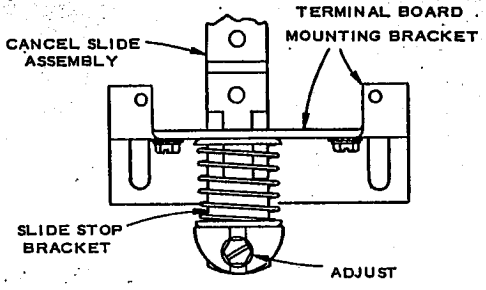


Figure 28. Slide Stop Bracket Adjustment.

3. Re-adjust Slide Stop Bracket slightly for over-travel as shown in Figure 29.

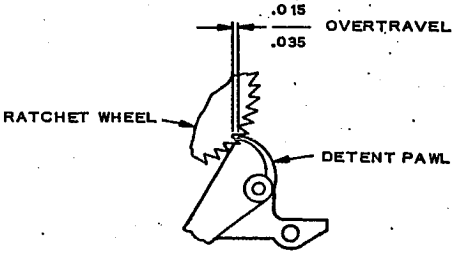


Figure 29. Over-travel Adjustment.

ALBUM PRICING UNIT, Type APU10-56

– SUBTRACT ADJUSTMENTS CONTINUED –

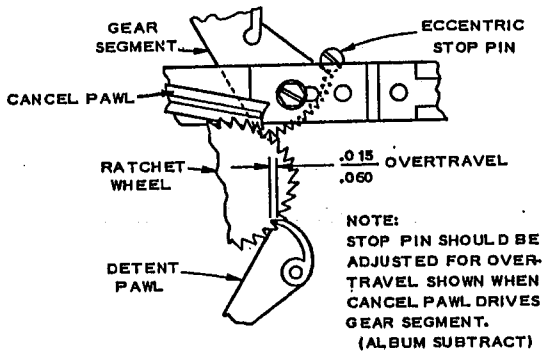


Figure 30. Album Subtract Adjustment.

4. Position of Album Relay Bracket must be such that when relay is energized, Cancel Pawl (Figure 30) is in position to pick up Gear Segment to cancel all credits.

NOTE:
IF RELAY BRACKET IS RE-ADJUSTED, RECHECK REQUIREMENTS OF PARAGRAPH NO. 1.

– CONTACT ADJUSTMENTS –

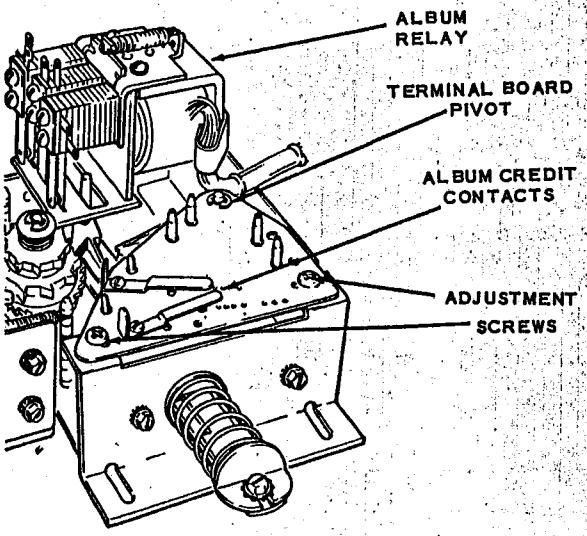


Figure 31. Component Identification.

(Refer to APU10-56 schematic on Page 12131.)

1. Contact pins and springs (Contact "WP" and "WQ") should be "ON in 12" position. Pins should bear against contact segment and plate with 1 oz. pressure.
2. Contact springs (2 commons and "WM" and "WN") must bear against segment on plate with 1 oz. pressure.
3. Adjust by loosening adjustment screws (Figure 31) and positioning terminal board to meet the following requirements:

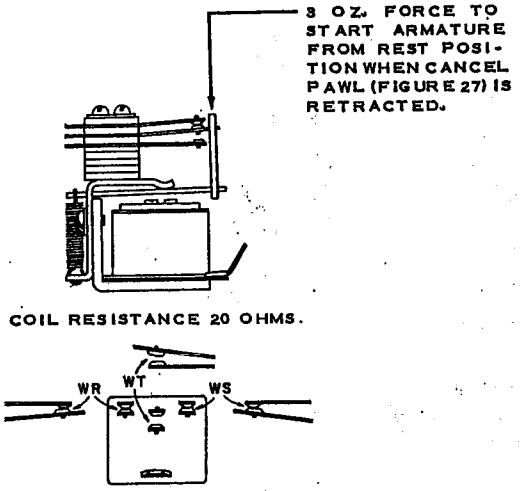
   Contact "WN" - On in 1 credit

   Contact "WM" - On in 2 credits
   (continuity to P441 Pin 1)

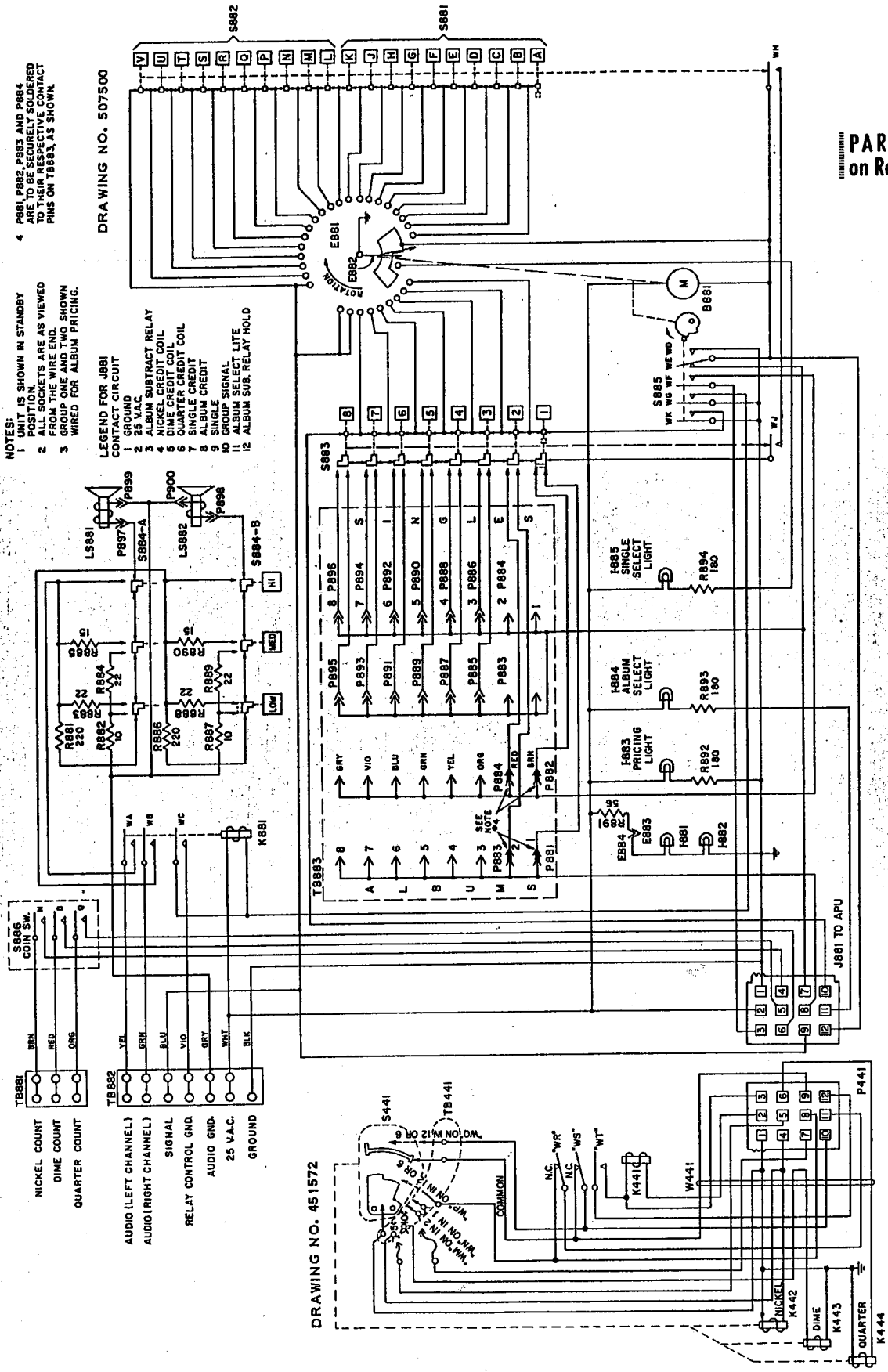
   Contact "WP" - On in 12 credits

   Contact "WQ" - On in 12 credits
   (continuity to P441 Pin 9)

– ALBUM RELAY ADJUSTMENTS –



Contacts "WR" and "WS" normally closed with 1 oz. minimum pressure. Contact "WT" normally open with 1/64 inch minimum gap. When relay is energized, contact "WT" closes with 1 oz. minimum pressure and "WR" and "WS" open with 1/64 inch minimum gap.



PARTS LIST on Reverse Side

STEREO CONSOLETTE, TYPE SC1.

ALBUM PRICING UNIT, TYPE APU10-56

Parts List for Album Pricing Unit, Type APU10-56

Item	Part No.	Description
K441	451566	Album Relay
K442	451546	Nickel Credit Coil Assembly
K443	451549	Dime Credit Coil Assembly
K444	451546	Quarter Credit Coil Assembly
P441	307048	12 Contact Plug
S441	451518	Gear Segment Assembly
TB441	451552	Terminal Board Assembly
W441	451569	Cable Assembly

Parts List for Stereo Consolette, Type SC1

Item	Part No.	Description
B881	507311	Motor Assembly
E881	507347	Selector Plate Assembly
E882	507733	Contact Wiper Arm Assembly
E883	507514	Brush Assembly
E884	507448	Contact Assembly
I 881	507522	No. 19 Lamp
I 882	507522	No. 19 Lamp
I 883	507522	No. 19 Lamp
I 884	507522	No. 19 Lamp
I 885	507522	No. 19 Lamp
J 881	307153	12 Contact Socket
K881	507795	Control Relay
LS881	507370	Speaker
LS882	507370	Speaker
P881 Thru P896	132054	Receptacle
P897	941785	Receptacle
P898	941785	Receptacle
P899	941776	Receptacle
P900	941776	Receptacle

Item	Part No.	Description
R881	81234	220 Ohm 2 W. ± 10%
R882	82400	10 Ohm ½ W. ±10%
R883	81230	22 Ohm 2 W. ±10%
R884	82404	22 Ohm ½ W. ±10%
R885	82402	15 Ohm ½ W. ±10%
R886	81234	220 Ohm 2 W. ±10%
R887	82400	10 Ohm ½ W. ±10%
R888	81230	22 Ohm 2 W. ±10%
R889	82404	22 Ohm ½ W. ±10%
R890	82402	15 Ohm ½ W. ±10%
R891	81235	56 Ohm 2 W. ±10%
R892	81232	180 Ohm 5 W. ±10%
R893	81232	180 Ohm 5 W. ±10%
R894	81232	180 Ohm 5 W. ±10%
S881	507351	Top Selector Switch
S882	507352	Center Selector Switch
S883	507353	Bottom Selector Switch
S884A S884B	507366	Control Switch
S885	507794	Latch Bar Setting Switch
S886	507326	Coin Switch
TB881	505958	3 Lug Terminal Board
TB882	507521	6 Lug Terminal Board
TB883	507360	Terminal Board Assembly