

SERVICE BULLETIN

AUTOMATIC MUSIC, INC.



1500 UNION AVENUE. S. E., GRAND RAPIDS 2, MICHIGAN • TELEPHONE CHERRY 3-3633

October 7, 1960

BULLETIN #187

Continental/Lyric

SUBJECT: Changes in the Automatic Selector and Automatic Search Unit

During recent weeks we have made some changes in the automatic selector and the automatic search unit of the "Lyric" and "Continental" 100 and 200 Automatic Phonographs which will affect interchangeability of components.

The primary purpose of making this change has been to improve the pushbutton unlatching function. Previously the unlatching function occurred almost simultaneously with the sprag, select, cancel and scan functions in the phonograph. This simultaneous power drain has a tendency to reduce the available power to each individual coil. In the new circuit the unlatching solenoid is energized after the sprag, select, scan and cancel functions have been completed thus availing full power of the power supply to the unlatched solenoid.

Concurrent with this change has been a change in the coupling arrangement between the automatic search unit bullet and the pin pusher tube. This change was made to facilitate the adjustment of pin pusher to pin alignment. The change involved here is merely a reversal of the male to female fit of the bullet to the tube.

Because of the circuit changes, the new components are not interchangeable with older components now in the field.

The new automatic selector unit can be identified by the gold color (dichromate finish) of its mounting plate. The old automatic selector assembly can be identified by the silver colored (cadmium-plated finish) mounting plate. The new automatic search unit can be identified by the shape of the bullet. The new automatic search unit has a blunt bullet with a hole in the end. The old automatic search unit has a pin protruding from the end of the bullet.

- 1 -

October 7, 1960

The coupling to the pin pusher of the manual selector unit has been similarly changed.

Identification of phonographs with these changes thru serial numbers can be determined as follows:

<u>Model</u>	<u>Serial No.</u>
100 Selection Automatic	615611
100 Selection Automatic (Stereo)	620101
100 Selection Manual	605111
200 Selection Automatic	595881
200 Selection Automatic (Stereo)	600501
200 Selection Manual	585031

If the occasion arises where early versions of the R-1893 (CCA, CCB, CCC and CCD) stepper are used with the new version of phonographs, it will be necessary to insert a jumper wire into the wiring harness of the stepper unit. This jumper wire must be inserted from pin #9 of the 9-connection female plug which connects to the receiver to pin #9 of the 9-connection male plug which connects to the transmitter. These plugs can be identified by the fact that they also contain yellow, black, black/white and red/white wires. No other plugs in the stepper unit contain this same combination of colors. Late models of the R-1893 steppers will already contain this jumper wire as supplied from the factory.

Because interchangeability has been affected, new assembly numbers have been assigned for the automatic selector unit and automatic search units. These new and old assembly numbers are as follows:

	<u>New Assembly Number</u>	<u>Old Assembly Number</u>
<u>Automatic Selector Unit</u>		
200 Automatic	R-1865-E	R-1865-A
100 Automatic	R-1865-F	R-1865-B
<u>Automatic Search Unit</u>		
200 Automatic	R-2405-F	R-2405-C
100 Automatic	R-2405-G	R-2405-D

KHH/hr

APPLICATIONS ENGINEERING