

# SERVICE BULLETIN

## AUTOMATIC MUSIC, INC.

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



November 18, 1959

BULLETIN NO. 176

Model "K"

SUBJECT: Adjustments for the Model "K" Record Changer

The new AC transfer motor and new camshaft switches used on Model "K" record changers make new adjustment techniques necessary. The following procedures will make the adjustments easy.

Before adjusting any camshaft switch, make sure the transfer motor is in the right position. Check as follows.

With the gripper bow over the turntable, turn the camshaft until the crank on the transfer motor and the sector gear link are in line.

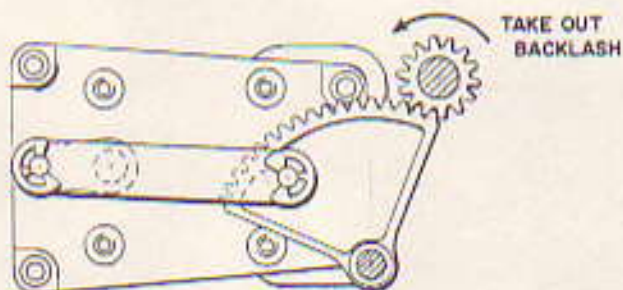


FIG. 1

The tone arm cam and the cam follower plate should be in the relationship shown in Figure 2.

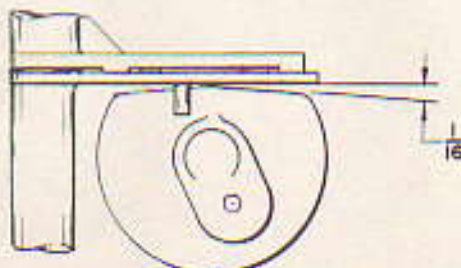


FIG. 2

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Slide the transfer motor forward or backward until the cam is in the position shown. Make a selection and check the cam. Make sure the gripper shoes are fully retracted at both extremes of the transfer cycle. If the shoes are not fully retracted when the gripper bow is over the record magazine, shift the transfer motor slightly to the rear. Make sure the motor mounting screws and the set screw in the driven gear are tight. With the gripper bow over the record magazine, turn the camshaft until the crank on the transfer motor shaft and the sector gear link form a straight line.

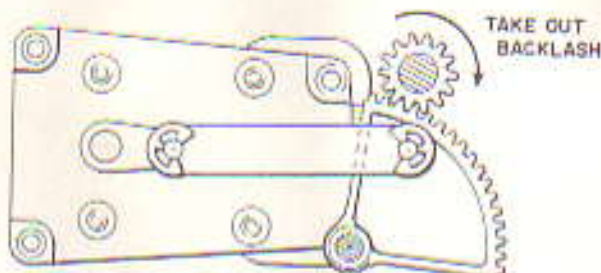


FIG. 3

Unplug the transfer motor. Back out all camshaft switch adjusting screws several turns. Trip the scan control.

Turn #1 screw in slowly until the turntable stops and then turn the screw in exactly one turn more.

Turn #2 screw in slowly until the record magazine motor starts and then turn the screw in exactly one turn more.

Plug a test light - a service light or the light on a soldering gun will do - into the "transfer motor" socket. Turn screw #3 in until the light goes out and then turn it in exactly  $3/4$  turn more.

Trip the even stopping switch. Turn #4 screw in slowly until the toggle shifts and then turn the screw in one turn more.

Release the even stopping switch and trip the odd stopping switch. Turn screw #5 in slowly until the toggle shifts and then turn the screw in one turn more.

With the gripper bow over the turntable, turn the camshaft until the crank on the transfer motor and the sector gear link are in line. (See Figure 1)

Trip either stopping switch and turn #6 screw in slowly until the reset solenoid operates. Then turn the screw in one turn more.

Remove the test light and plug in the transfer motor.