

INSTALLATION INSTRUCTIONS
for
KIT NO. 109 - PART NO. 53807

List of Parts

1-53623	Drive Wheel Assembly - 45 R.P.M.
1-53581	Insert for 45 R.P.M.
2-73574-85	Screw R.P.M. 4-40 x 1/4"
2-73607-4	Lock Washer - Int. S. P.
1-53622	Drive Wheel Assembly - 33-1/3 R.P.M.
24-53618	Adapter - 10 to 7" records

To convert the Model 1250 Phonograph to play 45 or 33-1/3 R.P.M. records, the Kit 109 includes all materials necessary, except records and the Green Zenith cartridges.

1. With the mechanism in stop position and changer plug disconnected at the Junction box, load the record stack with 24 records, either all 45 R.P.M. or all 33-1/3 R.P.M. Use one of the #53618 Adapters with each of the 7" records which acts as a filler and weight adjustment in place of the 10" records. When the tray stack is completely loaded, recheck the four chassis leveling screws in order to assure that the mechanism shelf has clearance all around and the nominal 1/4" dimension is maintained between the side plate bracket and the spring cup at each corner.
2. If the 7" records have the 1-1/2" diameter center hole, attach the moulded insert, Part No. 53581, directly to the turntable with the two #4-40 x 1/4" Round Head Machine Screws and the two shakeproof washers provided.
3. Remove the 78 R.P.M. Drive Wheel Assembly by lifting the retaining ring and plain washer off end of shaft. Install Drive Wheel Assembly required, (stamped 45 or 33-1/3), replace plain washer and retaining ring. Loosen the two screws in the linkage and reset linkage to provide 1/8" clearance between the new drive wheel and the turntable drive wheel. The turntable may be raised by hand to check this clearance. Tighten the two screws in the link and recheck the clearance.
4. The mechanism should now be cycled to a position where the cam follower of the tone arm swing linkage will be on the first step of the tone arm cam rear profile surface. Loosen the Allen set screw in the arm and hub assembly at the top of vertical actuating shaft and position the tone arm to the feed-in groove. Tighten the set screw. Recheck tone positioning and for a finer adjustment, loosen the adjusting link at the lower end of the vertical actuating shaft and re-tighten in the desired position. Check for proper engagement with the record by selecting both the top and under sides of the record.
5. The trip switch is mounted with two #4-40 R.H.M. screws in elongated holes to provide positioning of the switch. When properly adjusted, the trip switch will be actuated by a finger at the axis of the tone arm when the needle is half way across the cut-off groove section of the record, nominally at 2-1/8" radius.
6. Install two Green needle and capsule assemblies, Part No. 53938, and operate phonograph through several plays as final check.