

BUSH SERVICE INFORMATION

FAULT LOCATION SHEET

GARRARD AUTO-SLIM CHANGER USED WITH BUSH MODELS SRG90, SRG91 AND SRP31c.

This fault location sheet has been prepared at the request of dealers who have experienced trouble with the auto-slim unit.

In addition to the faults shown, cases may be met where the lubricant used by Garrard appears to have undergone a chemical change and does not act effectively. This is especially true when the unit is cold.

Relubrication is called for and it is advisable to remove all the old grease as well as any grit or burrs that may be present before regreasing and oiling.

Check finally that the over-arm, pick-up arm and all plates and leavers move smoothly and easily.

1. **THE PICK-UP DROPS NORMALLY ON RECORD, BUT ONLY PLAYS ONE GROOVE, AND THEN RETURNS TO THE POST.**

The red operating lever remains in "Auto" position, and this is due to a pin on the end of the "Switch lever unit" rubbing on the underside of the motor plate. Bend lever slightly downwards to give clearance between end of pin and motor plate, (see page 12 of Garrard Manual).

2. **THE PICK-UP ARM SWINGS TO WITHIN A HALF AN INCH OF THE RECORD SPINDLE, THEN JUMPS BACK AND DROPS INTO THE 7 INCH PLAY POSITION.**

Check for lack of grease or burrs on the edge of the slot in the lower casting. If the selector arm pawl remains in a "stuck" position. Scrape off the burrs, and lubricate with grease.

3. **THE PICK-UP HEAD SCORING THE UNDERSIDE OF THE NEXT RECORD ON THE SPINDLE, WHEN RETURNING AFTER PREVIOUS PLAY.**

The height adjustment screw requires a quarter to half a turn in the anti-clockwise direction to lower the pick-up head.

4. FAILURE OF PICK-UP TO LEAVE THE REST.

This can be due to height adjustment. The height adjusting screw requires a quarter to half a turn in a clockwise direction.

5. AFTER PLAYING A SELECTION OF RECORDS, THE UNIT DOES NOT SWITCH OFF, BUT GOES ON REPEATING THE LAST RECORD AT 7 INCH POSITION.

This can be due to:

- a) The tension spring on the "automatic switch tail lever" becoming detached from the lever. (This spring may also become detached from the lower casting, and fall into the bottom of the cabinet).
- b) The switch lever tail, may be slightly bent, and not engaging, (see page 12 of Garrard Manual).
- c) Overarm spindle sticks in up position due to burrs on spindle or lack of lubrication. Grease, and ensure that this spindle operates freely.

6. THE UNIT WILL NOT WORK ON AUTO, BUT CAN BE USED ON MANUAL.

The spring No. 31, may become detached from the spring blade. (see page 22 in Garrard Manual).

7. ERRATIC OR WRONG SPEEDS. (INTERMEDIATE WHEEL WORN).

Check and adjust the height of the stepped pulley, tighten the two grub-screws.

8. FAST OR SLOW RUNNING.

Change stepped pulley. This normally has two rings near the grub-screws. Use a three ring type for slower running, and a one ring type for faster running.

THE SERVICE DEPARTMENT



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