



# WURLITZER SERVICE SLANTS

YOUR QUESTIONS OR COMMENTS ON "SERVICE SLANTS"  
ARE WELCOME AT ANY TIME

WURLITZER SERVICE DEPT., NORTH TONAWANDA, N. Y.

- SUBJECT:** Supplemental Adjustment Procedure - Override Assembly
- EFFECTIVITY:** All Model 3400 Series Phonographs manufactured with Override Assembly mounted on top of Record Magazine Chassis Plate.
- PROCEDURE:** To adjust the Override Assembly perform the following:
1. Position Line Switch to OFF.
  2. Remove Cover Plate from Override Assembly.
  3. Verify that both escapements of RATCHET WHEEL and HUB ASSEMBLY are cancelled off.
  4. Verify that OVERRIDE SWITCH is open with 1/32" MAXIMUM clearance between contacts as shown in Figure 1.
  5. Should adjustment of OVERRIDE SWITCH be necessary, loosen OVERRIDE SWITCH ADJUSTING SCREW and adjust OVERRIDE SWITCH to satisfy the requirement of Step 4. Tighten OVERRIDE SWITCH ADJUSTING SCREW.
  6. Position Line Switch to ON.
  7. Verify that all Selection Accumulator Latch Pins are cancelled off.
  8. Position Service Switch to OFF and verify that SCAN - LOAD - RUN Switch is in RUN position.
  9. Manually actuate SOLENOID PLUNGER to release RATCHET WHEEL and HUB ASSEMBLY as shown in Figure 2.
  10. Slowly rotate RECORD MAGAZINE until Override Cam on the Record Magazine Drive Arm passes Override Hub on the Override Assembly.
  11. Verify that one escapement on the RATCHET WHEEL and HUB ASSEMBLY cancels off as shown in Figure 3.
  12. Slowly rotate RECORD MAGAZINE until Override Cam on the Record Magazine Drive Arm approaches Override Hub on the Override Assembly for the second time.
  13. Firmly grasp RECORD MAGAZINE and continue to slowly rotate RECORD MAGAZINE until Override Cam on Magazine Drive Arm passes Override Hub and resets RATCHET LEVER and HUB ASSEMBLY escapement as shown in Figure 1 and that LOCKING PIN of RECORD MAGAZINE LOCKING ARM engages proper escapement of RECORD MAGAZINE PLATE 1/4 of escapement slope length from top of escapement as shown in Figure 4.

14. Should adjustment be necessary, loosen Override Assembly ADJUSTMENT SPACERS (refer to figure 1) and adjust Override Assembly as required to meet the requirement of Step 13. Tighten Override Assembly ADJUSTMENT SPACERS.
15. Position Service Switch to ON then manually release RATCHET WHEEL and HUB ASSEMBLY.
16. Verify that Record Magazine makes two complete revolutions and stops in "Home" position (one escapement clockwise from A-1 slot).

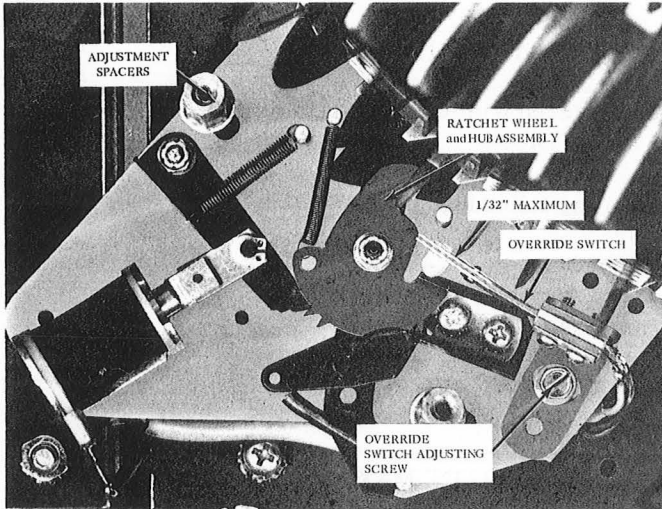


FIGURE 1

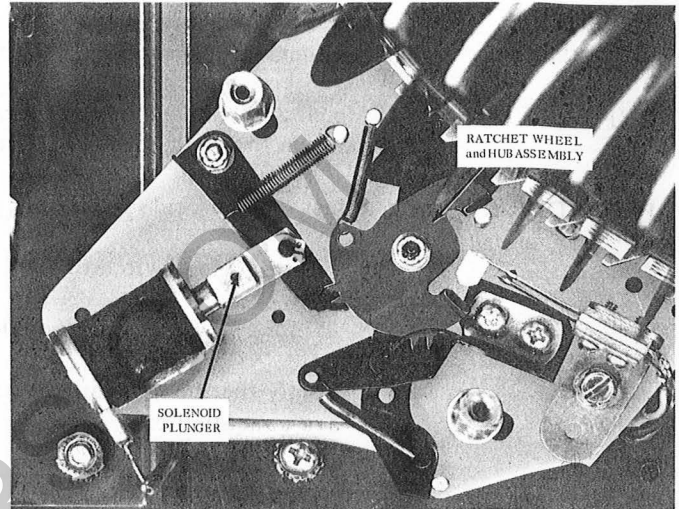


FIGURE 2

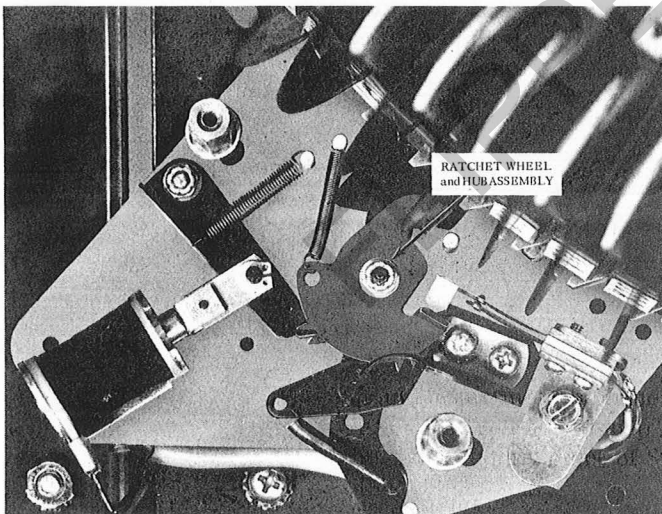


FIGURE 3

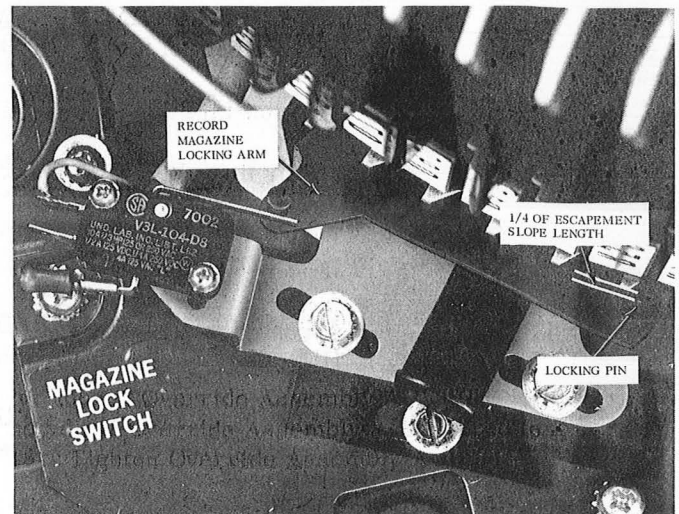


FIGURE 4