

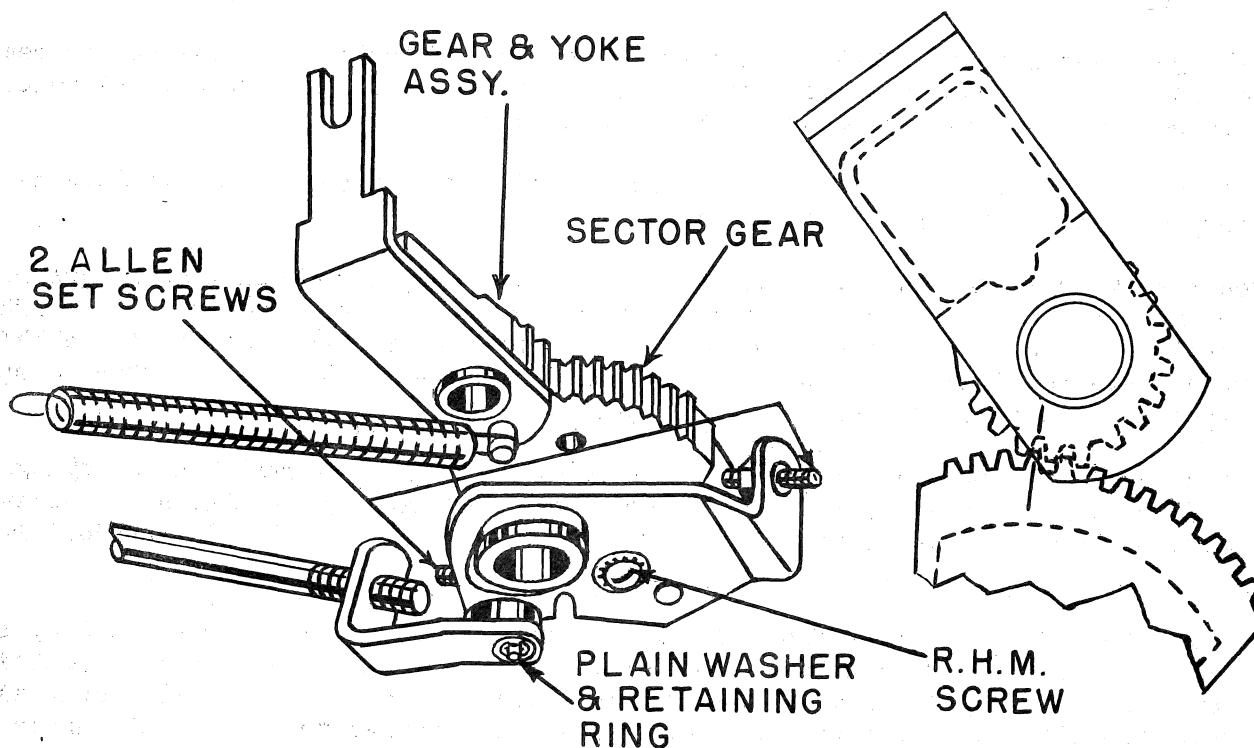


SERVICE SLANTS

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

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

INSTALLATION OF NO. 55822
SECTOR GEAR ASSEMBLY, TRAY TAKE-OUT
MODEL 1500 - 1550



1. Remove retaining ring and plain washer and drop rod and connection link free of the sector gear pin on left hand tray stack. (See Fig. 56.) Remove No. 57128 Tray Yoke Spring.
2. Center the tray take-out slide of the master stack (right hand stack) in accordance to paragraph 24b of the Model 1500 Service Manual.
3. Remove No. 55828, Eccentric Nut, and No. 55822, Sector Gear.
4. Prepare new sector gear for installation as follows:
 - a. Remove retaining ring, plain washer, and link.

- b. Loosen the round head machine screw in bottom of assembly just sufficiently to permit adjustment of the two Allen set screws.
 - c. Adjust both set screws to point where gear is in approximate center of the travel provided.
5. Install gear and eccentric nut, positioned with the fourth tooth of the sector gear being installed in the fourth well of Gear and Yoke Assembly, No. 55936. (A penciled line on bottom side of each insures proper placement.)
 6. Adjust and tighten the eccentric nut. Check for freedom of mesh at all points by swinging the gears through full length of travel.
 7. Loosen the two nuts on connecting rod and adjust rod to point where link aligns with pin. Connect link and replace plain washer and retaining ring. Replace No. 57123, Tray Yoke Spring. Adjust connecting rod to position the tray take-out slide of the left hand stack in space between spacer and tray lug, slightly closer to tray lug than to spacer. Tighten the two nuts on connecting rod temporarily.
 8. Make a selection from Group A or B and allow record changer to cycle into playing position. Check positioning of tray against tray stop post and adjust Allen set screw to obtain same amount of overtravel as the master stack. (See Fig. 52.) Readjust rod per #7.
 9. Cancel record and turn off switch when tray is still outside gate of record tray stack. Turn main cam motor shaft manually to determine that tray is driven to rest position with overtravel. Back off one set screw and take in the second an equal amount as necessary to redistribute the throw in either direction of tray travel. Each change in set screws requires a check back the connecting rod adjustment outlined in paragraph 8.
 10. Recheck action of both stacks and tighten round head machine screw in bottom side of sector gear assembly. Recheck the connecting rod in order that nut is locked securely at both ends.