

FISHER SERVICE BULLETIN

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RC-70 CASSETTE RECORDER

HOW TO MODIFY CASSETTE TAPE DECKS TO

ELIMINATE TAPE SPILL

Proper tape run on cassette recorders is sometimes impaired by factors such as low take up reel torque and sticky cassette reels, resulting in tape spill. After careful study, Fisher Radio has devised a means to overcome this difficulty by utilizing the automatic shut-off feature in a new application. Refer to the RC-70 Service Manual, specifically the sections reproduced below.

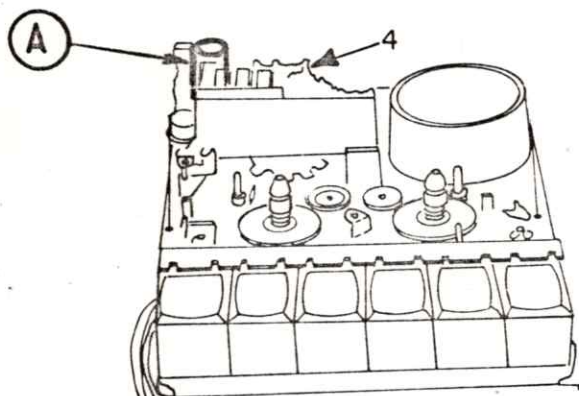


Fig. 478-2

(A) Replace 330 MFD capacitor on board #4 with a 50 MFD (PN-CE22317-13).

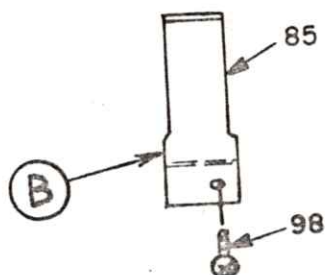


Fig. 478-8

(B) Remove mounting screw (98) to lift out cassette retainer spring (85) in order to take out and discard threaded lug (C, below).

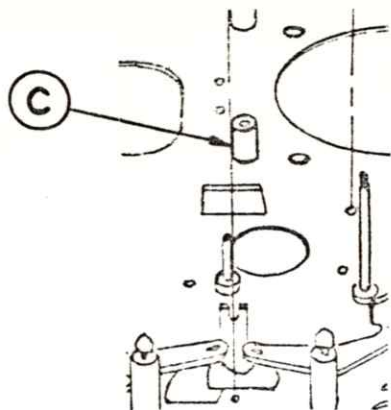


Fig. 478-3

(C) Remove lug to prevent abrasion of tape counter belt in its new position, (D, below), and refasten cassette retainer spring (85).

(D) Remove tape counter belt from around left (supply) reel, and rethread it on right (take-up) reel.

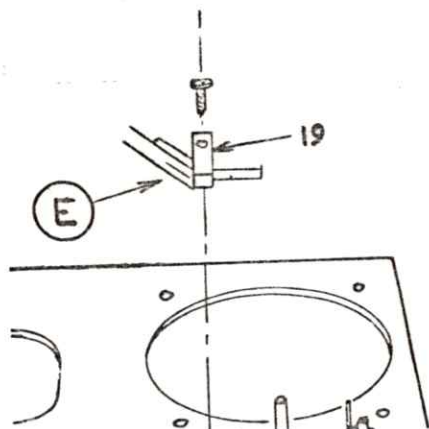


FIG. 478-3

(E) Adjust lug #19 to allow clearance for counter belt. If the belt is square (in cross-section) and rubs against lug 19, replace with "round" type belt.

(F) To test for correct operation, insert tape and put in play position. While tape is in motion, (deck lid open) gently jam the take-up portion of the reel. Cassette should automatically shut-off within $1\frac{1}{2}$ to $2\frac{1}{2}$ seconds.

NOTE: During normal operation, if shut-off occurs on "play" or "record", some problem is in either the take-up mechanism or the cassette itself. If a new cassette does not resolve the problem, trouble may exist in the take-up mechanism.

Repeated starts will cause a small amount of tape to be spilled each time. Therefore, further attempts to start machine should be discontinued and the fault in the take-up mechanism investigated.