

12-Hour and 24-Hour Belt Feeders Instruction Manual

(Part Nos. BFS12, BFS12A, BFS24, BFS24A)

Operating Instructions

- 1) Lift lid.
- 2) Wind belt back, slowly and evenly keeping it flat to the bed.
- 3) Adjust feed quantities.
- 4) Close lid and listen for clock mechanism.

Clock Mechanism Replacement

- 1) Belt should be in unwound position.
- 2) Remove screws and cover plate for clock mechanism.
- 3) Remove two clock mechanism nuts (this might require some tension release by adjusting the belt.)
- 4) Replace clock mechanism (Figures 1, 2 and 3).

Clock Mechanism Replacement

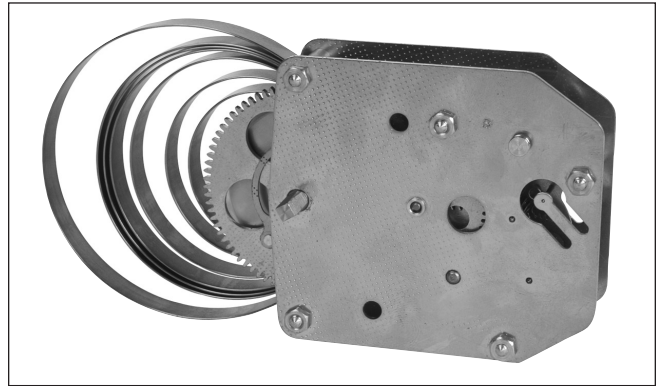


Figure 1: Clock as shipped, coils of spring loose.

Main Spring Replacement

- 1) Belt should be in wound position.
- 2) Remove screws and cover plate from main spring mechanism.
- 3) Remove screw plate disc and let spring unwind.
- 4) Remove screw on spring end.
- 5) Remove spring.
- 6) Place new main spring and do not remove wire tie.
- 7) Replace metal disc.
- 8) Remove wire tie.
- 9) Replace plastic cover.

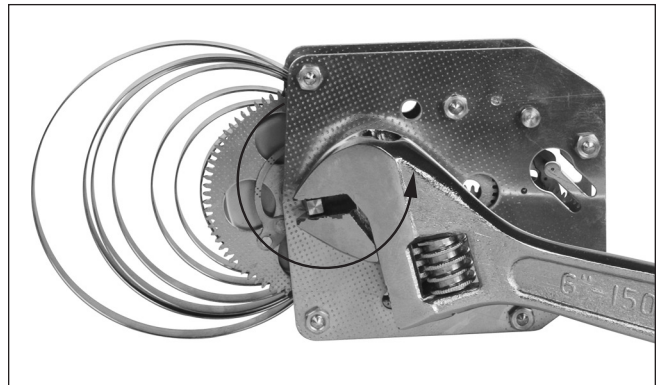


Figure 2: Wind clock 3 1/2 times counter-clockwise.

Belt Replacement

- 1) Remove clock and main spring mechanism.
- 2) Remove roller pins from wooden dowels.
- 3) Place replacement dowel and belt inside grooves and secure with roller pins.
- 4) Replace clock mechanism first with belt in unwound position.
- 5) Replace main spring with belt in wound position.

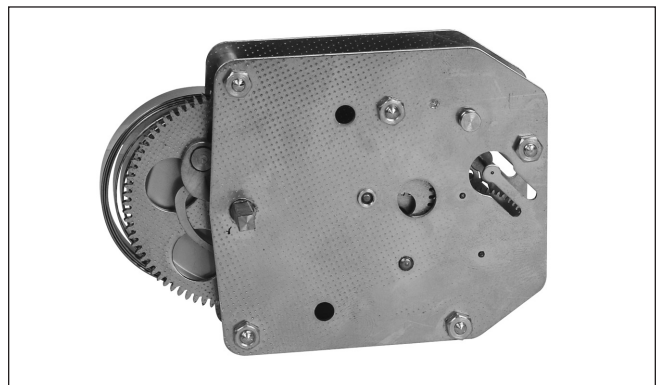


Figure 3: Clock with spring wound. Clock ready to be mounted in feeder.



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