



Figure 17—Frame Assembly

KEY TO FIGURE 17

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|--------------------------|--------------------------|---------------------|
| 1 Dowel pin | 8 Lower main frame cover | 15 Sector spring |
| 2 Flathead screw | 9 Outboard plate | 16 Spiral gear shim |
| 3 Washer | 10 Mounting screws | 17 Plug screw |
| 4 Taper pin | 11 Idle gear shim | 18 Frame assembly |
| 5 Upper main frame cover | 12 Idle gear | 19 Mounting screw |
| 6 Fillister-head screw | 13 Gear assembly | 20 Dial shaft |
| 7 Sector assembly | 14 Worm assembly | |

7. **TIMER ASSEMBLY.** (See figure 20.)—Remove three binding head screws (9) and take off the timer cover assembly (8). Then remove two fillister-head screws (14) and lock washers (15) to release the rheostat and switch assembly. The toggle switch (19) is removed from the switch mounting bracket by taking off the dust seal washer (18) and unscrewing the retaining nuts (17). The rheostat (20) is removed by unscrewing its retaining nut. The timer (7) is removed by unscrewing the two fillister-head screws (11) and lock washers (12). Then relay assembly (6) is removed by unscrewing the two fillister-head screws (1) and lock washers (2) and relay spacers (5). Unsolder wiring as required.

8. **MARKER HOUSING ASSEMBLY.** (See figure 19.)—Remove housing cover assembly (2) by unscrewing three binding head screws (1). Trigger (5) remains riveted to housing cover assembly (2). Remove two round-head screws (6) to release the combination armature hinge bracket (7), actuator (5), and marking mechanism. From side of housing, remove two binding head screws (13) supporting the switch assembly. From the rear of the housing, remove two binding head screws (14), supporting the solenoid (8). Remove two round head screws (9) and lock washers (10) which will free the light guide (11). Unsolder wiring as required.