

## 15 PERFORATOR

### LUBRICATION

#### 1. GENERAL

1.01 This section contains the lubrication instructions for the 15 perforator. This section and the section covering teletypewriter general lubrication provide the complete lubrication information for maintenance of the 15 perforator.

1.02 Because of varying conditions at each station, the 15 perforator should be lubricated as often as specified by local instructions.

#### 2. PARTS TO BE LUBRICATED

Note 1: Oil both loops of all helical springs that exert a nominal tension of less than 2-1/2 pounds.

Note 2: Grease loops of all helical springs that exert a nominal tension of 2-1/2 pounds or more.

##### 2.01 Underpart of Perforator

- (1) O—Keylevers: keylever shaft and rear comb slots.
- (2) O—Selector-bar guide slots.
- (3) O—Y lever: bearing slots and arms.
- (4) O—Y lever connecting links: connections with extensions and Y levers.
- (5) O—Selector levers.
- (6) O—Counter-control cam levers: at pivot point and points of engagement with keylevers.

##### 2.02 Top of Perforator

- (1) O—Keylever front comb slots.
- (2) O—Spacer-bar loop: bearings and at point of engagement with keylever.
- (3) O—Y lever connecting-link extensions: left-end connections.
- (4) O—Selector fingers: at selector-lever connections, guide slots, and at points of engagements with punches and armature lever.

- (5) O—Armature lever: two oil holes.
- (6) O—Selector-lever retainer.
- (7) O—Antichatter contact lever: pivot and point of engagement.
- (8) O—Antichatter lever latch (if provided) at bearing and at point of engagement, with latch screw and punch-contact operating lever.
- (9) O—Punch-contact operating-lever backstop bracket slot (on units with slotted backstop bracket).
- (10) O—Punch block: rear oil hole, punches, and guide pins.
- (11) O—Feed roll: bearings, ratchet teeth, and star wheel.
- (12) O—Tape-tension lever bearings.
- (13) O—Back-space lever: shoulder-screw bearings.
- (14) O—Back-space-pawl bearing screw.
- (15) O—Feed-pawl release cam: bearing surface.
- (16) O—Feed-roll detent: roller and pivot.
- (17) O—Feed-pawl at bearing.
- (18) O—Feed-pawl bearing screw.
- (19) O—Feed-pawl lever: at pivot.

##### 2.03 Counter Unit

Note: Care should be exercised to prevent oil from getting between the pole faces of the magnets and the armature.

- (1) O—Counter and release-magnet armature bearings.
- (2) O—Feed-pawl bearing screw.
- (3) O—Check-latch pawl: bearing screw and at point of engagement with adjusting screw.
- (4) O—Latch pawl: bearing screw and on latching surface.
- (5) O—Ratchet wheel: on teeth, outer bearings, and in drum.
- (6) O—Contact-lever bearing and cam.
- (7) O—Dashpot plunger.
- (8) GS—Counter-cam surface.
- (9) GS—End of dashpot plunger.