## 1. GENERAL

1.01 This section contains the specific lubrication procedures for the 28 multimagnet nontyping reperforator. The material herein, together with the section containing the general lubrication instructions on teletypewriter apparatus, provides the complete lubrication information for maintenance.

1.02 This section is reissued to revise various lubrication procedures in accordance with changes authorized for this apparatus by P98 series Bell System Practices listed at the end of the section and to include other authorized revisions and additions so as to bring the section generally up to date. Since this is a general revision, the marginal arrows ordinarily used to indicate changes have been omitted.

1.03 The lubrication symbols used herein are the same as those in the general section. However, the symbol 0 is used in this section to mean only one drop of oil. Symbols, such as 02, 03, or 04, are used to indicate respectively two, three, or four drops of oil.

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1.04 The apparatus should be lubricated before being placed in service as specified in the section covering the preparation of teletypewriter apparatus for installation. After a few weeks in service, it should be relubricated to make certain that all specified points have lubricant. Thereafter, because of varying conditions at each station, the apparatus should be lubricated as often as specified by local instructions. The following lubrication interval is suggested as a guide for use under operating conditions.

<table>
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<tr>
<th>Operating Speed (Words per Minute)</th>
<th>Lubrication Interval (Whichever Occurs First)</th>
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<tr>
<td>60</td>
<td>3000 hours or 1 year</td>
</tr>
<tr>
<td>75</td>
<td>2400 hours or 9 months</td>
</tr>
<tr>
<td>100</td>
<td>1500 hours or 6 months</td>
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2. LUBRICATION

2.01 Multimagnet Nontyping Reperforator — Front View

Note: Ball bearings with one shield or both shields removed shall be lubricated by applying two drops of oil directly into each ball bearing.
2.02 Multimagnet Code Selector Mechanism—See 2.01

ENGAGING SURFACE

BLOCKING PAWL

PIVOT

BLOCKING PAWL

CONTACT

PUSH ROD

BRACKET SPRING

CODE ARMATURE

PIVOT

CODE ARMATURE
2.03 Feed Wheel Mechanism—See 2.01

- PIVOT
- PIVOT
- BEARING SURFACE
- RATCHET TEETH
- SAT
- FELT WASHER
- SAT
- FELT WASHER
- SAT
- FELT WICKS (2)
- SAT
- FELT WASHER

- DETENT LEVER
- DETENT ROLLER
- FEED WHEEL KNOB
- FEED WHEEL
- DIE WHEEL
- SPRING WICKS
- SPRING
- FEED PAWL
Magnet Release Contact Bail Assembly—See 2.01
2.07 Punch Slide Mechanism—See 2.01

- Sat
- Felt washers (2)
- Toggle links

- Hooks
- Punch slide spring

- Engaging surface
- Punch slide post

- Bearing
- Reset bail

- Engaging surface
- Toggle bail

- Engaging surface
- Punch slide guide

- Felt washers (2)
- Toggle links
2.08 Multimagnet Nontyping Reperforator—Left-side View
2.09 Rocker Arm Mechanism—See 2.08

- SAT FELT WASHER
- DRIVE LINK
- ENGAGING SURFACE
- ROCKER ARM
- HOOKS - EACH END SPRING
- SPRING WICK
- SAT FELT WICK
- SPRING WICK
- BEARING SURFACE
- ROCKER ARM
2.10 Punch Mechanism—See 2.08

SLIDING SURFACE (6) PUNCH PIN
UPPER GUIDE

SLIDING SURFACE (6) PUNCH PIN
LOWER GUIDE

SLIDING SURFACE (5) PUNCH SLIDE GUIDE

SPRING

RETRACTOR SPRING
2.11 Multimagnet Nontyping Reperforator—Right-side View
2.12 Rocker Bail Mechanism—See 2.11

PIVOT

ROCKER BAIL

ROCKER BAIL

ROLLER

FELT WASHER

FELT WICK (USE OIL HOLE)

SAT

SAT
2.14 Main Shaft Assembly—See 2.11

- BEARING (2)
- CAMMING SURFACE
- INTERNAL MECHANISM
- MAIN SHAFT
- CAM ASSEMBLY
- SAT FELT WICK
- RESET CAM
- PERFORATOR CLUTCH
2.16 Function Magnet Mechanism—See 2.15

[Diagram of a mechanism with labeled parts: O PIVOT, G ENGAGING SURFACE, ARMATURE, FUNCTION TRIP LEVER]
2.17 Function Mechanism—See 2.15

- ENGAGING SURFACE RELEASE LEVER
- PIVOT TRIPLEVER
- RELEASE LEVER TRIPLEVER
- ENGAGING SURFACE LOWER TRIP LEVER
- SHOE RESET CAM
- FORK TRIPLEVER FORK
3. ASSOCIATED BELL SYSTEM PRACTICES

3.01 The following Bell System Practices provide additional information that may be required in connection with this section.

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CHANGES AUTHORIZED BY P98 SERIES
BELL SYSTEM PRACTICES

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