

BELL SYSTEM PRACTICES
Teletypewriter and Data Stations

ADDENDUM P34.510
Issue 1, January, 1962
AT&TCo Standard

28 DISTRIBUTOR

LUBRICATION

1. GENERAL

1.001 This addendum supplements Section P34.510, Issue 1.

1.002 This addendum is issued to add the specific lubrication procedures for the 28 distributor designed to operate at 60, 75, and 100 words per minute with provisions to accept 6-, 7-, and 8-level codes, and to revise the lubrication information in accordance with changes authorized for this apparatus by P98 series Bell System Practice listed at the end of the addendum.

The following change applies to Part 1 of the section:

(a) 1.02—revised

1.02 The distributor should be lubricated before being placed in service as specified in the section entitled Preparation of Teletypewriter Apparatus for Installation. After a few weeks in service, it should be relubricated to make certain that all the specified points have received lubricant. Thereafter, because of the varying conditions at each station, the distributor should be lubricated as often as specified by the local instructions. The following is suggested as a guide for use under normal operating conditions:

(a) Lubricate the distributor every 500 hours of operation or every six months, whichever occurs first.

2. LUBRICATION

The following changes apply to Part 2 of the section:

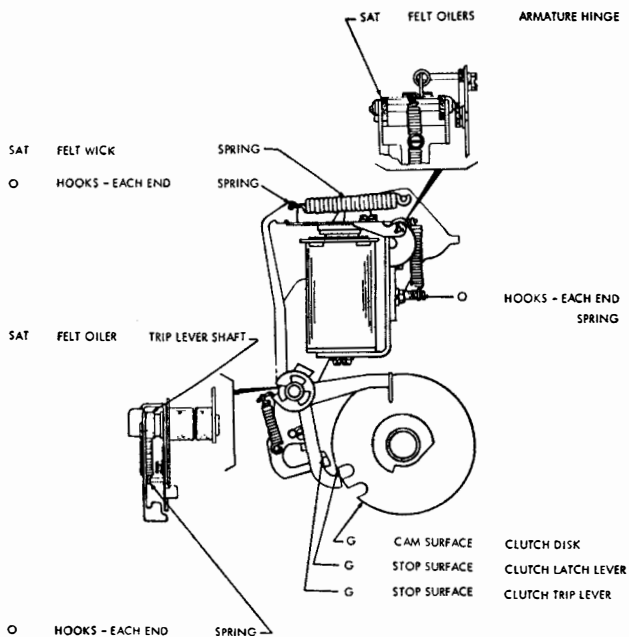
(a) 2.02—added note

(b) 2.07 through 2.10—added

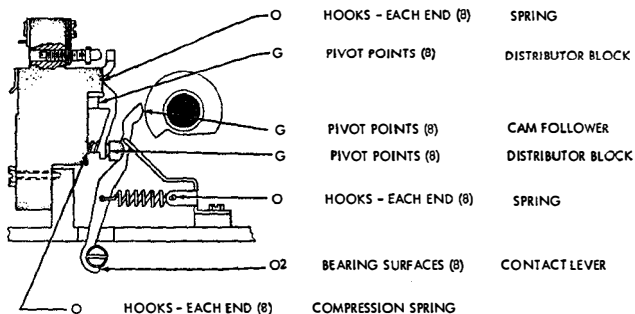
2.02 28 Distributor—Front

Note: Where a unit has a cam sleeve assembly with an oil hole, lubricate the felt wick of the main shaft by applying oil through the oil hole. Where a unit has a cam sleeve assembly without an oil hole, remove the main shaft and apply oil to the felt wick.

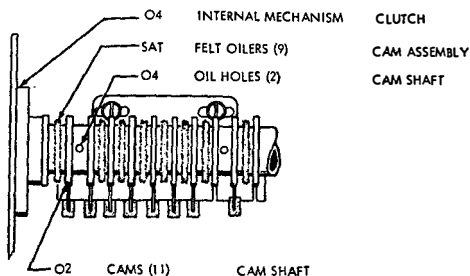
2.07 Clutch-trip Magnet Mechanism



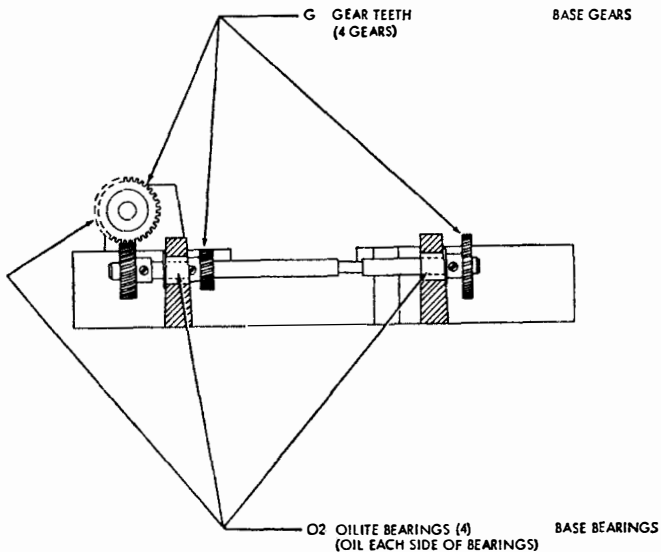
2.08 Contact Lever Assembly



2.09 Cam Shaft and Clutch Assembly



2.10 Base Gears



CHANGES AUTHORIZED BY P98. SERIES BELL SYSTEM PRACTICE

<u>Par. No.</u>	<u>Lubrication Procedure</u>	<u>Includes Change as Authorized by Section</u>
1.02	Lubrication Interval	P98.814
2.02	Main Shaft	P98.814

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SECTION P34.510
Issue 1, April, 1961
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28 DISTRIBUTOR
LUBRICATION

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1. GENERAL

1.01 This section provides the specific lubrication routines for maintaining the 28 distributor. This material, together with that contained in the section entitled Teletypewriter Apparatus, Lubrication, General Information and Routines, gives the complete information for lubricating the unit. The lubrication symbols used herein are the same as those in the general section. However, the simple symbol 0 is used in this practice to mean only one drop of oil. The symbol 02 is used to specify two drops of oil.

1.02 The distributor should be lubricated before being placed in service as specified in the section entitled Preparation of Teletypewriter Apparatus for Installation. After a few weeks in service, it should ordinarily be relubricated to make certain that all specified points have received lubricant. Thereafter, because of the varying conditions at each station, the distributor should be lubricated as often as specified by the local instructions. The following lubrication intervals are suggested as a guide for use under normal operating conditions.

**Operating Speed in
Words per Minute**

60
75
100

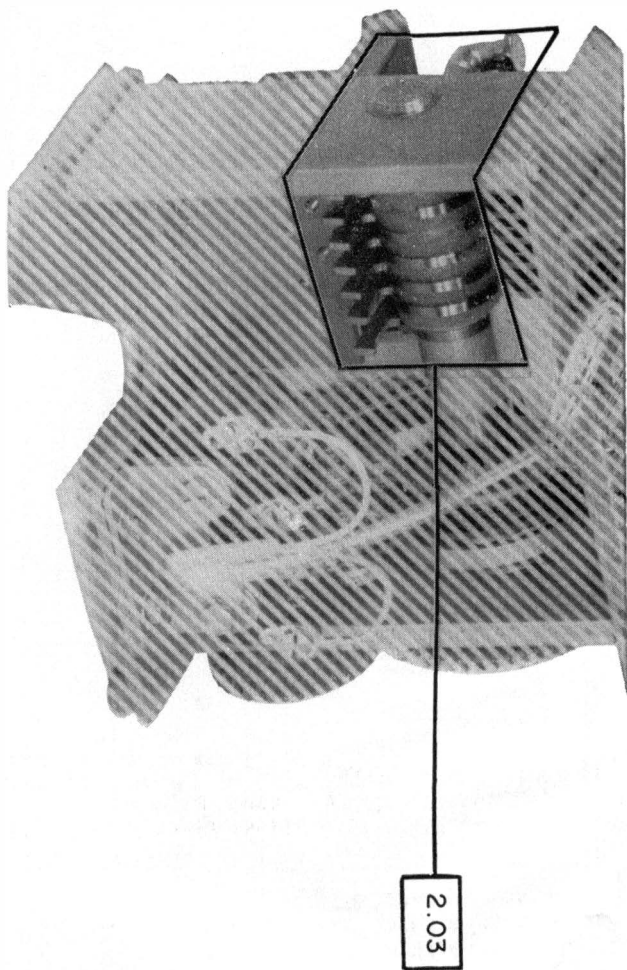
Lubrication Intervals
(Whichever occurs first)

3000 hours or 1 year
2400 hours or 9 months
1500 hours or 6 months

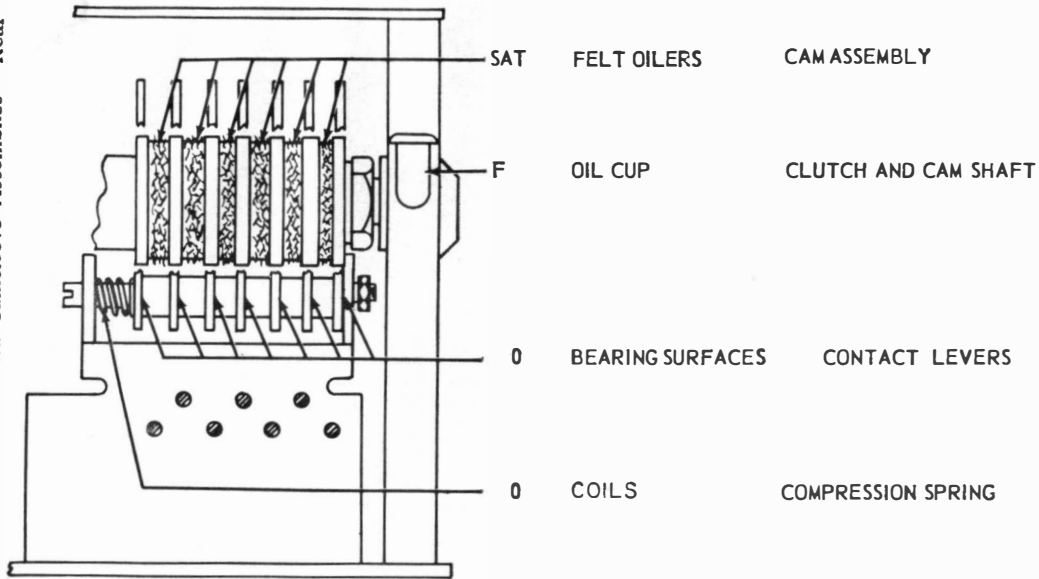
2. LUBRICATION

2.01 The 28 distributor should be lubricated as indicated in the following paragraphs. The photographs show the paragraph numbers referring to particular drawings of mechanisms on the unit.

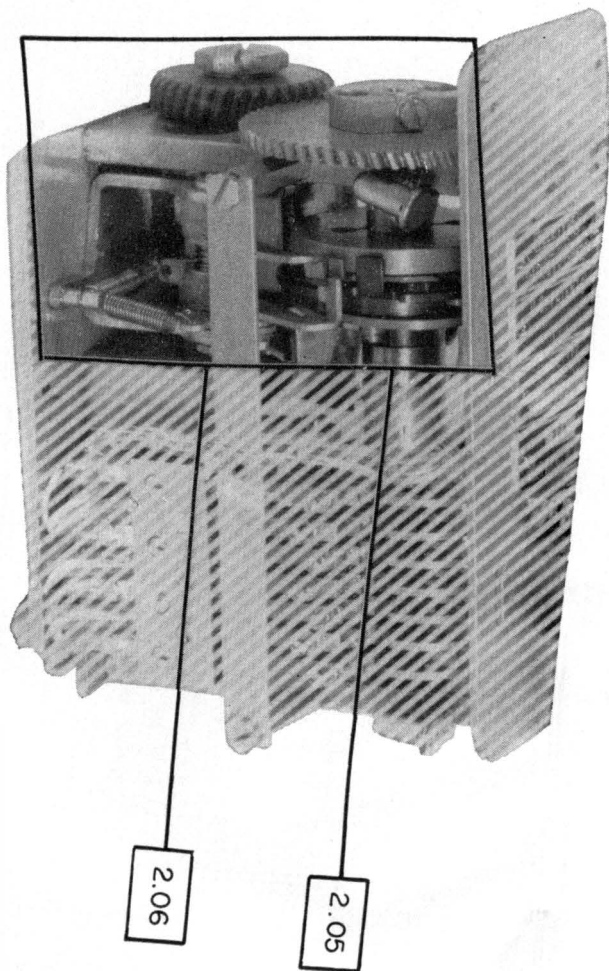
2.02 28 Distributor — Front



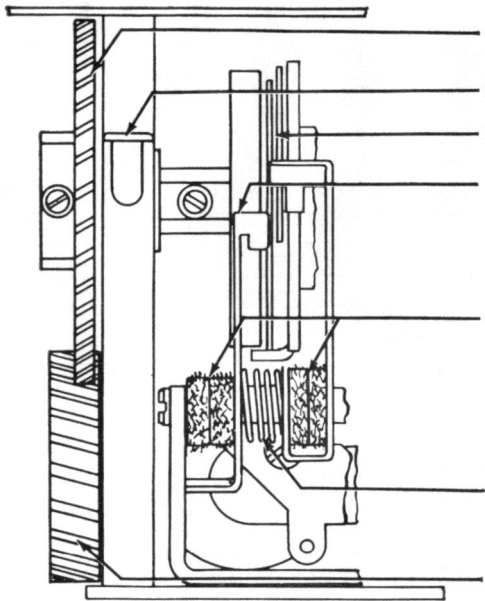
2.03 Contact Lever and Camsleeve Assemblies — Rear



2.04 28 Distributor — Rear

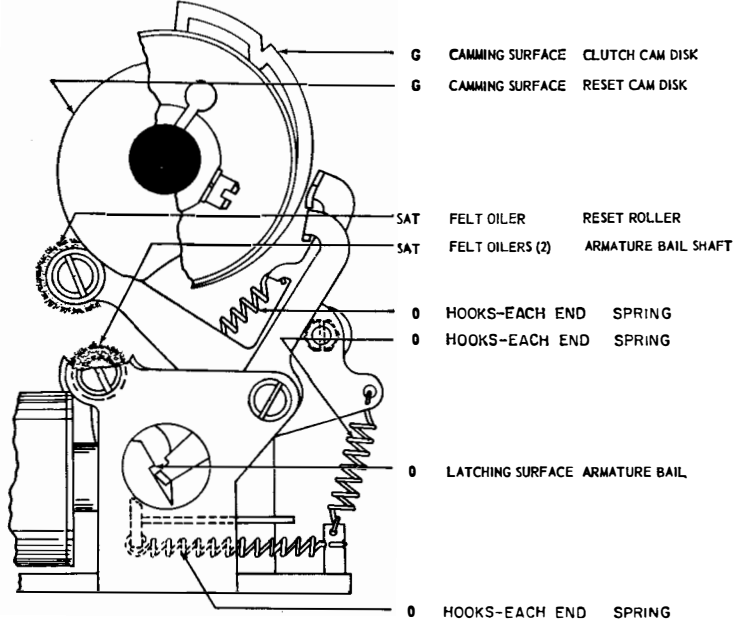


2.05 Clutch and Gear Assemblies — Rear



- | | | |
|-----|-----------------|----------------------|
| G | TEETH | GEAR |
| F | OIL CUP | CLUTCH AND CAM SHAFT |
| SAT | FELT WICK | CLUTCH |
| G | STOP SURFACE | CLUTCH TRIP LEVER |
| SAT | FELT OILERS (4) | CLUTCH TRIP SHAFT |
| O | COILS | COMPRESSION SPRING |
| G | TEETH | GEAR |

2.06 Clutch Trip-magnet Mechanism — Right Side



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3. ASSOCIATED BELL SYSTEM PRACTICES

3.01 The following Bell System Practices contain information which applies to the 28 distributor.

<u>Subject</u>	<u>Section</u>
Teletypewriter Apparatus — Lubrication — General Information and Routines	P30.011
Teletypewriter Requirements and Procedures — General Requirements	P30.012
Teletypewriter Tools and Maintenance Supplies.....	P30.301
Preparation of Teletypewriter Apparatus for Installation	P33.014
Alphabetical Index of 28-type Equipment, Bell System Practices, and Associated 28 ASR Station Drawings	P34.001
28 Distributor — Wiring Diagrams	P34.301