# TRANSMITTER-DISTRIBUTOR UNITS

## LUBRICATION

<table>
<thead>
<tr>
<th>CONTENTS</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. GENERAL</td>
<td>1</td>
</tr>
<tr>
<td>2. PARTS TO BE LUBRICATED........</td>
<td>2</td>
</tr>
<tr>
<td>Clutch assemblies..................</td>
<td>5, 7</td>
</tr>
<tr>
<td>Clutch trip assemblies..............</td>
<td>2, 3</td>
</tr>
<tr>
<td>Cover plate........................</td>
<td>14, 15</td>
</tr>
<tr>
<td>Distributor and sensing shaft</td>
<td>5, 6</td>
</tr>
<tr>
<td>assemblies..........................</td>
<td></td>
</tr>
<tr>
<td>Distributor block assembly..........</td>
<td>5, 6</td>
</tr>
<tr>
<td>Feed mechanism.....................</td>
<td>8, 11</td>
</tr>
<tr>
<td>Latch and pusher-Stripper bail.....</td>
<td>8, 9</td>
</tr>
<tr>
<td>Oil reservoir......................</td>
<td>5, 7</td>
</tr>
<tr>
<td>Pushlevers.........................</td>
<td>8, 10</td>
</tr>
<tr>
<td>START-STOP slidearm assembly.......</td>
<td>8, 12</td>
</tr>
<tr>
<td>Storing switch assembly (non-</td>
<td></td>
</tr>
<tr>
<td>transfer-type contacts) (unit</td>
<td></td>
</tr>
<tr>
<td>without pull-back mechanism)......</td>
<td>2, 3</td>
</tr>
<tr>
<td>Storing switch assembly (transfer-</td>
<td></td>
</tr>
<tr>
<td>type contacts) (unit with pull-back</td>
<td>2, 4</td>
</tr>
<tr>
<td>mechanism).........................</td>
<td></td>
</tr>
<tr>
<td>Tape lid and tape guide............</td>
<td>14</td>
</tr>
<tr>
<td>Tape lid (without tape-lid spring</td>
<td></td>
</tr>
<tr>
<td>(unit without pull-back mechanism)</td>
<td>14, 15</td>
</tr>
<tr>
<td>Tape-out and control mechanism....</td>
<td>8, 12</td>
</tr>
<tr>
<td>Tape-out and tape-lid mechanism</td>
<td>8, 13</td>
</tr>
<tr>
<td>(unit without pull-back mechanism)</td>
<td></td>
</tr>
<tr>
<td>Tape pullback, tape runout, and</td>
<td></td>
</tr>
<tr>
<td>additional tight-tape mechanism)</td>
<td>16</td>
</tr>
<tr>
<td>(unit with pull-back mechanism)....</td>
<td></td>
</tr>
<tr>
<td>Tape sensing mechanism...............</td>
<td>8, 9</td>
</tr>
<tr>
<td>Tight-tape slidearm assembly......</td>
<td>8, 12</td>
</tr>
</tbody>
</table>

1.03 The lubricants to be used and their methods of application are those given in the general lubrication section. The lubrication symbols used herein are the same as those given in the general section except that in this section the symbol O is used to mean only one drop of oil, O₂ to mean two drops of oil, and G to mean that a thin film of grease should be applied at the points indicated.

1.04 Lubrication of the apparatus before it is placed in service should be governed by the principles given in the section covering preparation of teletypewriter apparatus for installation. After a few weeks in operation, the unit should ordinarily be relubricated to make sure that all the specified points have received lubrication. Thereafter, because of varying conditions at each station, the unit should be relubricated as often as specified by local instructions. The following lubrication schedule may be used as a guide.

<table>
<thead>
<tr>
<th>Operating Speed (Words per Minute)</th>
<th>Lubrication Interval (Whichever Occurs First)</th>
</tr>
</thead>
<tbody>
<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>
</tr>
</tbody>
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Note: On the transmitter-distributor unit with pull-back mechanism, the clutch felt washers should be saturated with oil before the unit is placed in service and resaturated after every 500 hours of operation.

1.05 Unless otherwise indicated, the lubrication procedures in 2. of this section are common to both the unit with the pull-back mechanism and the unit without the pull-back mechanism.
2. PARTS TO BE LUBRICATED

2.01 Transmitter-Distributor Unit - Bottom View

[Image of a mechanical assembly with labeled parts: Storing Switch Assemblies and Clutch Trip Assemblies]
2.02 Clutch Trip Assemblies

2.03 Storing Switch Assembly (Nontransfer-type Contacts)  
(Unit Without Pull-back Mechanism)
2.04 Storing Switch Assembly (Transfer-type Contacts) (Unit With Pull-back Mechanism)

NOTE
KEEP CONTACTS FREE OF GREASE
2.05 Right Front View - Covers Removed

- DISTRIBUTOR BLOCK ASSEMBLY
- OIL RESERVOIR
- CLUTCH ASSEMBLIES
- DISTRIBUTOR AND SENSING SHAFT ASSEMBLIES
2.06 Distributor and Sensing Shaft Assemblies

2.07 Distributor Block Assembly
2.08 Clutch Assemblies

HOOKS - EACH END

CLUTCH-SHOE LEVER SPRING

SAT

FELT WICK
(2 PLACES)

CLUTCH SHOE

HOOKS - EACH END

CLUTCH-SHOE SPRING

2.09 Oil Reservoir

FILLER HOLE

WICK

SENSING AND DISTRIBUTOR CAM

FILL RESERVOIR CAM OILER

NOTE
OIL DEPTH NOT TO EXCEED 7/8 INCH. USE A 0.010-INCH FLAT GAUGE FROM TPI17781 SET OF GAUGES AS A DIP STICK.
2.10 Right Front View - Covers Removed
2.11 Tape Sensing Mechanism

2.12 Latch and Pusher-stripper Bail
2.13 Pushlevers

- O2 PIVOT POINTS
- HOOKS - EACH END
- SLIDING SURFACES
- HOOKS - EACH END
- PIVOT POINTS
- SLIDING SURFACE
- HOOKS - EACH END
- BEARING SURFACE
- HOOKS - EACH END
- ENGAGING SURFACE
- AUXILIARY LEVERS
- AUXILIARY LEVER SPRING
- PUSHLEVERS
- PUSHLEVER SPRINGS
- PUSHLEVERS
- LATCHLEVERS
- LATCHLEVER SPRING
- LATCHLEVER AND PUSHLEVER
- PUSHLEVER SPRING
- LATCHLEVER
2.14 Feed Mechanism

- SAT FELT WASHERS
- PIVOT SHAFT
- SAT FELT WASHER
- FEED LEVER
- SLIDING SURFACE
- FEED LEVER

- RATCHET TEETH
- FEED WHEEL
- SHAFT
- FEED-WHEEL RATCHET
- SAT FELT WICKS
- FEED WHEEL
- O2 DETENT ROLLER
- FEED WHEEL
- O HOOKS - EACH END
- FEED-PAWL SPRING
- PIVOT POINT
- DETENT LEVER
- O HOOKS - EACH END
- DETENT-LEVER SPRING
- ENGAGING SURFACE
- FEED-LEVER EXTENSION
- O2 PIVOT POINTS
- FEED-LEVER BAIL
- O GUIDE SLOT
- FEED LEVER
- SAT FELT WASHER
- FEED-LEVER SHAFT

- O HOOKS - EACH END
- FEED-LEVER SPRING
- SAT FELT WASHER
- CAMFOLLOWER ROLLER
- O2 PIVOT POINT
2.15 Tape-out and Control Mechanism

![Diagram of Tape-out and Control Mechanism]

2.16 Tight-tape Slidearm Assembly

![Diagram of Tight-tape Slidearm Assembly]

2.17 START-STOP Slidearm Assembly

![Diagram of START-STOP Slidearm Assembly]
2.18 Tape-out and Tape-lid Mechanism (Unit Without Pull-back Mechanism) (If So Equipped)
2.19 Cover Plate and Tape Lid

2.20 Tape Lid and Tape Guide
2.21 Tape Lid (Without Tape-lid Spring) (Unit Without Pull-back Mechanism) (If So Equipped)

- PIVOTS
- SAT FELT WASHER
- HOOKS - EACH END
- PIVOT - EACH END
- HOOKS - EACH END
- LATCHING SURFACE
- TIGHT-TAPE BAIL
- TAPE-LID SHAFT
- TAPE-LID RELEASE SPRING
- RELEASE-BAIL SHAFT
- DETENT SPRING
- TAPE-LID LATCH

2.22 Cover Plate

- SLIDING SURFACE
- COVER-PLATE DETENTS AND SPRINGS
- ENGAGING SURFACE
- DETENTING NUTS (FRONT & REAR PLATE)
2.23 Tape Pullback, Tape Runout, and Additional Tight-tape Mechanisms
(Unit with Pull-back Mechanism)

CONTACT ACTUATORS (3)

G CONTACTING SURFACE (EVERY 500 HRS)

SAT FELT WASHER

SAT FELT WASHERS

EARLY UNITS DO NOT HAVE THIS FELT WASHER. OIL BEARING POINT EVERY 500 HRS.