32 AND 33 TAPE PUNCH

LUBRICATION

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1.04 Lubricate the tape punch before placing it into service or prior to storage. After a short period of service, relubricate it to make sure no areas have been missed. Thereafter, lubricate the tape punch at regular intervals as indicated below:

<table>
<thead>
<tr>
<th>Operating Speed (Words per Minute)</th>
<th>Lubrication Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 or 66</td>
<td>1000 hr* or 1 yr**</td>
</tr>
<tr>
<td>100</td>
<td>500 hr* or 6 mo**</td>
</tr>
</tbody>
</table>

*Station Set operating hours.
**Whichever comes first.

1.05 The textual instructions that accompany the line drawings consist of abbreviated directions, specific lubrication points, and parts affected. The meanings of the abbreviated directions (symbols) are given below:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>Keep dry - no lubricant permitted</td>
</tr>
<tr>
<td>G</td>
<td>Apply thin coat of KS7471 Grease</td>
</tr>
<tr>
<td>GOL</td>
<td>Brush on well a mixture of 50% KS7471 Grease and 50% KS7470 Oil</td>
</tr>
<tr>
<td>OL</td>
<td>Oil liberally (3 or more drops)</td>
</tr>
<tr>
<td>OS</td>
<td>Oil sparingly (1 or 2 drops only)</td>
</tr>
<tr>
<td>OSAT</td>
<td>Saturate with oil (all washers and oilers)</td>
</tr>
<tr>
<td>OSD</td>
<td>Oil sparingly or leave dry**</td>
</tr>
<tr>
<td>OSL</td>
<td>Oil sparingly or liberally</td>
</tr>
</tbody>
</table>

**Applies to all areas not contacted by other parts.
1.06 References to "left," "right," "front," or "rear," etc consider the tape punch to be viewed from a position where the tape guide assembly faces up and the backspace lever is to the viewer's left. Orientation references in the drive link mechanism area consider the drive link to be up and located to the viewer's left.

CAUTION: DO NOT USE ALCOHOL, MINERAL SPIRITS, OR OTHER SOLVENTS TO

CLEAN PLASTIC PARTS OR PARTS WITH PROTECTIVE-DECORATIVE FINISHES.
NORMALLY, A SOFT, DRY CLOTH SHOULD BE USED TO REMOVE DUST, OIL, GREASE,
OR OTHERWISE CLEAN PARTS OR SUBASSEMBLIES. IF NECESSARY, A SOFT CLOTH
DAMPENED WITH SOAP OR MILD DETERGENT MAY BE USED. AFTERWARDS,
RINSE EACH CLEANED PART OR SUBASSEMBLY WITH A SOFT, DAMP CLOTH AND
BUFF WITH A SOFT, DRY CLOTH.

2. BASIC UNIT

2.01 Tape Punch

(LEFT FRONT VIEW) (RIGHT REAR VIEW)
2.02 Feed Mechanism

(LEFT SIDE VIEW)

2.03 Sensing Levers

(LEFT SIDE VIEW)
2.04 Codebar Levers

(REAR VIEW)

2.05 Pawls and Levers

(LEFT SIDE VIEW)

2.06 Stripper Ball

(LEFT SIDE VIEW)
2.07 Feed Pawl

- OSL Hooks (Each End)
- OSL Engaging Surface
- OSL Sliding Surface
- OSL Pivot

(LEFT SIDE VIEW)

- OSL Feed Pawl Spring
- OSL Feed Pawl

2.08 Detent Lever

- OSL Roller
- OSL Pivot
- OSL Hooks (Each End)

(LEFT SIDE VIEW)

- OSL Detent Lever
- OSL Detent Lever Shaft
- OSL Detent Lever Spring

2.09 Backspace Lever

- OSL Sliding Surface
- OSL Hooks (Each End)
- OSL Pivot
- OSL Engaging Surface

(LEFT SIDE VIEW)

- OSL Backspace Lever
- OSL Backspace Lever Spring
- OSL Lever
- OSL Lever Extension
2.10 Tape Guide Assembly

(LEFT SIDE VIEW)

2.11 Tape Guide Roller

(TOP VIEW)
2.12 Control Mechanism

(OFF SIDE VIEW)

2.13 Punch Block Assembly

(FRONT VIEW)
2.14 Drive Link Mechanism Area

(LEFT SIDE VIEW)

2.15 Drive Link

OL Pivot Drive Link

OS Hooks (Each End) Drive Link Spring

OL Pivot Link Post

(LEFT SIDE VIEW)
2.16 Drive Link Mechanism

(LEFT SIDE VIEW)

OL* Engaging Surface
OL* Engaging Surface
OL* Pivot
OSL Hooks (Each End)
OL* Pivot

Roller
Drive Link
Drive Link
Drive Link Spring
Link W/Post

*GOL when assembly is overhauled.