28 TRANSMITTER DISTRIBUTOR UNITS (LAXD, LCXD)

LUBRICATION

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1.03 Use KS7470 oil and KS7471 grease at all locations and surfaces indicated.

1.04 The units should be thoroughly lubricated, but over-lubrication which allows oil to drip or grease to be thrown on other parts, must be avoided. Exercise special care to prevent lubricant from getting between armature and pole faces. Keep all electrical contacts free from oil or grease.

1.05 The following general instructions supplement the specific lubricating points illustrated in this section.

(a) Apply one drop of oil to all spring hooks.

(b) Apply a light film of oil to all cam surfaces.

(c) Apply a coat of grease to all gears.

(d) Saturate all felt washers, oilers, etc.

(e) Apply oil to all pivot points.

(f) Apply oil to all sliding surfaces.

1.06 The transmitter distributor units should be lubricated before being placed in service or prior to storage. After a few weeks of service, relubricate to make certain that all specified points have received lubricant. Thereafter, the following schedule should be adhered to:

<table>
<thead>
<tr>
<th>Operating Speed</th>
<th>Lubrication Interval</th>
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<tbody>
<tr>
<td>60 wpm</td>
<td>3000 hours or 1 year*</td>
</tr>
<tr>
<td>75 wpm</td>
<td>2400 hours or 9 months*</td>
</tr>
<tr>
<td>100 wpm</td>
<td>1500 hours or 6 months*</td>
</tr>
</tbody>
</table>

*Whichever occurs first.

1.07 For information pertaining to lubrication of associated parts, ie, motors, bases, etc, refer to appropriate sections.

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2. LUBRICATION

2.01 Clutch Trip Assemblies

- O1: Hooks - Each End
- SAT: Felt Washers
- O2: Pivot Points
- O1: Hooks - Each End
- SAT: Felt Washers
- O1: Pivot Points
- O1: Hooks - Each End
- SAT: Oil Wick

- Antibacklash Spring
- Clutch Trip Lever
- Clutch Trip Lever Antibacklash Lever
- Armature Bail Spring
- Armature Shaft
- Armature Shaft
- Clutch Trip Lever Spring
- Clutch Trip Lever Spring
2.02 Storing Switch Assemblies

Note: Keep contacts free of grease.
2.03 Distributor Block Assembly

- G: Pivot Points
- O1: Camming Surface
- O1: Guide Slots
- O1: Hooks - Each End
- O1: Loops
- O2: Pivot Point
- Contact Levers
- Contact Levers
- Cam Follower Lever
- Cam Follower Lever
- Cam Follower Lever Springs
- Compression Spring
- Cam Follower Lever

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2.04 Clutch Assemblies

O1 Hooks - Each End Clutch Shoe Lever Spring

SAT Felt Wick (2 Places) Clutch Shoe

O1 Hooks - Each End Clutch Shoe Spring

2.05 Cam Sleeve Assemblies

SAT Felt Washers Cam Sleeve

G Gear Clutch

O2 Bearing (2) Clutch Shaft

SAT Felt Wicks Idler Gear Shaft

O3 Oil Hole (Opposite Side) Cam Sleeve

G Gear Clutch
2.06 Pivoted Sensing Head

- O2 Pivot Point Tape Depressor
- O1 Hooks - Each End Tape Depressor Spring
- O1 Hooks - Each End Tape Deflector Spring
- O2 Pivot Points Yoke and Tape Deflector
- O2 Pivot Point Tape Lid

2.07 Check Pawl and Feed Wheel

- O2 Pivot Points Feed Wheel
- SAT Felt Washers Feed Wheel
- O1 Teeth Feed Wheel Ratchet
- O2 Pivot Point Check Pawl
- O1 Hooks - Each End Check Pawl Spring
2.08 Oil Reservoir Assembly

Note: Oil depth not to exceed 7/8 inch. Use a 0.010 inch flat gauge from TP17781 set of gauges as a dip stick.
2.09 Sensing Mechanism

- Sliding Surfaces
- Sensing Pins
- Felt Washer
- Cam Follower Roller
- Hooks - Each End
- Auxiliary Lever Spring
- Hooks - Each End
- Sensing Bail Spring
- Pivot Point
- Sensing Pin
- Pivot Point
- Sensing Bail Sensing Pins
- Hooks - Each End
- Pusher Stripper Bail Spring
- Pivot Point
- Pusher Stripper Ball
- Felt Washer
- Cam Follower Roller
- Hooks - Each End
- Latch Stripper Bail Spring
- Felt Washer
- Cam Follower Roller
- Pivot Point
- Latch Stripper Bail
2.10 Sensing Mechanism (continued)

Pivot Points  Auxiliary Levers

Hooks - Each End  Auxiliary Lever Spring

Sliding Surfaces  Pushlevers

Hooks - Each End  Pushlever Springs

Pivot Points  Pushlevers

Sliding Surface  Latchlevers

Hooks - Each End  Latchlever Spring

Bearing Surface  Latchlever and Pushlever

Hooks - Each End  Pushlever Spring

Engaging Surface  Latchlever
2.11 Feed Mechanism

SAT  Felt Washers  Pivot Shaft

SAT  Felt Washer  Feed Lever

O1  Sliding Surface  Feed Lever

O1  Hooks - Each End  Feed Lever Spring

SAT  Felt Washer  Cam Follower Roller

O2  Pivot Point  Feed Lever
2.12 Fixed Sensing Mechanism

- Sliding Surface Sensing Pins
- Hooks - Each End Sensing Ball Springs
- Pivot Sensing Pin Assembly
- Hooks - Each End Sensing Pin Springs
- Pivot Point Sensing Pin
- Engaging Surface Sensing Ball
- Felt Wick Cam Follower Roller
- Cam Surface Sensing Cams
- Pivot Point Sensing Ball Sensing Pins
2.13 Cam Sleeve Assemblies (continued)

- G  Gears (2)  Clutch
- O2  Bearings (4)  Clutch Shafts
- SAT  Felt Wicks  Idler Gear Shaft
- O3  Oil Holes (2) (Opposite Side)  Cam Sleeve
- SAT  Felt Washers (6)  Cam Sleeve
2.14 Feed Mechanism (continued)

- O1: Ratchet Teeth
- O1: Shaft
- SAT: Felt Wicks
- O2: Detent Roller
- O1: Hooks - Each End
- O1: Pivot Point
- O1: Hooks - Each End
- O1: Engaging Surface
- O2: Pivot Points
- O1: Guide Slot
- SAT: Felt Washer
- O1: Hooks - Each End
- SAT: Felt Washer
- O2: Pivot Point

- Feed Wheel
- Feed Wheel Ratchet
- Feed Wheel
- Feed Wheel
- Feed Pawl Spring
- Detent Lever
- Spring
- Feed Lever Extension
- Feed Lever Bail
- Feed Lever
- Feed Lever Shaft
- Feed Lever Spring
- Cam Follower Roller
- Feed Lever
2.15 Tape Lid and Tape Guide

G  Teeth  Start-Stop Lever
SAT  Felt Washer  Tape Lid Shaft

O1 Each Loop  Start-Stop Detent Ball

O1 Bearing Surface  Tape Lid Release Bail

G  Latching Surface  Tape Lid Latch

O1 Each Loop  Tape Lid Latch Spring

2.16 Tight-Tape Sensing Mechanism

O1 Pivot Point  Tight-Tape Bail

O1 Sliding Surface  Tight-Tape Bail

O1 Pivot Point  Intermediate Bail

O1 Hooks - Each End  Yield Spring

O1 Pivot Point  Slide Arm Assembly

O1 Pivot Point  Slide Arm

O1 Pivot Point  End of Slide Arm

G  Point of Contact
2.17 Tape-Out and Tape Lid Mechanism

- O1: Sliding Surface
- G: Contact Point
- O1: Hooks - Each End
- O2: Guide Slot
- Tape-Out Pin
- Tape-Out Pin Extension
- Spring
- Tape-Out Pin Guide Post

- O1: Sliding Surface
- O2: Guide Slot
- Tape Lid Pin
- Tape Lid Pin Guide Post