

## 43 TELEPRINTER 5-LEVEL PAPER TAPE PUNCH ASSEMBLY

### LUBRICATION

#### 1. GENERAL

1.01 This section provides lubrication procedures for the 43 Teleprinter 5-Level Paper Tape Punch Assembly.

1.02 Whenever this section is reissued, the reason will be listed in this paragraph.

1.03 Lubricate the punch at intervals indicated under 43 Teleprinter 5-Level Paper Tape Unit Routine Maintenance, Section 574-504-750.

1.04 The punch can be lubricated by removing the punch and reader module from the housing (see Section 574-504-720.)

1.05 When ordering replaceable parts or components, unless otherwise specified, prefix each part number with the letter "TP" (ie, TP410055).

#### 2. LUBRICATION PROCEDURES

2.01 Apply lubricant to parts as indicated.

(a) On small parts, a minimum amount of lubricants should be applied so that the lubricant remains on the parts and does not run off.

(b) Excessive lubricant should be removed with a dry, lint-free cloth.

2.02 The following areas must be kept dry and free of all lubricants: All electrical components, including terminals, connectors, and cables. Punch armatures and core faces. All parts normally touched by the operator, including tape handling areas, punch lids, and all large flat areas.

2.03 The following symbols indicate the quantity of lubricant to be used in a specified area: Symbols O1, O2, O3, etc, refer to 1, 2, 3, etc, drops of oil.

2.04 The following list of symbols applies to the lubrication instructions and the type of lubricant to be used:

O	Oil 88970 (1 qt), 88971 (1 gal).
GA	Apply thin film of Syn-Tech grease (use 430836 4 oz tube with grease and 430838 brush).
GB	Apply thin film of Mobil No. 2 grease (use 145867 4 oz tube or 143484 1 lb can). Apply with 43C838 brush.
S	Saturate felt oilers, washers, and wicks with oil.
D	Keep dry, no lubricant permitted.

SECTION 574-505-710

2.05 Lubrication Check List:

Punch Assembly:

Magnet Bank

Armature Pivots  
Spring Posts and Brackets  
Spring Hooks

- Grease (9 places).
- 1 drop of oil (4 places).
- 1 drop of oil (18 places).

Selector Levers

Spring Holes in Levers  
Levers in the Slot  
Levers at area of Armature Engagement  
Bail

- Grease (9 places).
- 1 drop of oil (9 Places).
- Grease (9 places).
- Grease end of bail at selector lever engagement (9 places).

Punch Pins

- 1 drop of oil at bottom of punch pins at selector lever engagement (9 places).

Spring Bracket  
Bail Bearing (left and right)  
Bail Crank Arm Bearing Wick

- Grease fingers of spring bracket.
- 2 drops of oil (2 places).
- Saturate with oil.

Transport:

Ratchet Wheel Teeth  
Detent Roller  
Detent Wheel  
Armature Pivot Wick  
Transport Housing Bearing  
Link Arm Wicks  
Detent Roller Shaft

- Film of oil on all teeth.
- Grease.
- Grease.
- Saturate with oil.
- 2 drops on each side.
- Saturate with oil (2 places).
- 1 drop of oil on shaft between roller and detent arm.

Detent Roller Wick  
Detent Arm Pivot Wick  
Pawl Spring

- Saturate with oil.
- Saturate with oil.
- 1 drop of oil.

3. LUBRICATON POINTS

