

### 43 FRICTION AND SPROCKET FEED PRINTERS

#### LUBRICATION

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#### 1. GENERAL

1.01 This section provides lubrication procedures for the 43 Friction and Sprocket (Pin) Feed Printers.

1.02 This section is reissued to change the title and the type of grease used (G-A) to lubricate the printer (paragraph 2.03).

1.03 Lubricate the printer at intervals indicated under Routine Maintenance, Section 574-500-750.

1.04 The printer can be lubricated by opening the cabinet cover.

*Note:* When ordering replaceable components, unless otherwise specified, prefix each part number with the letters "TP" (ie, TP430837).

#### 2. LUBRICATION PROCEDURES

2.01 Apply lubricant to points as indicated.

(a) On small parts, a minimum amount of lubricant 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.

(c) The following areas must be kept dry, free of all lubricant: All electrical components, including terminals. All parts normally touched by the operator, including exposed surfaces in ribbon, paper handling areas, and all large flat areas.

2.02 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.

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

O Apply KS-7470 oil.

G-A Apply thin film of grease (use 14 oz container of 454641 grease).

G-B Apply thin film of Syn-Tech grease (use 430836 tube with grease and 430838 brush).

G-C Fill with Poly Oil grease (use 430837 injector with grease).

S Saturate felt oilers, washers, and wicks with oil.

D Keep dry, no lubricant permitted.

2.04 Lubrication checklist:

Lead Screw — Film of grease over the entire threaded portion of lead screw.

Carriage Wicks — Saturate with oil (four places).

Ribbon Guide Rollers — Two drops of oil (two places).

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Ribbon Tension Arm Pivot and Spring — Two drops of oil each (four places).

Spacing Tension Arm Pivot, Roller and Spring — Two drops of oil each (four places).

Platen Bearing — Five drops of oil each side (two places).

Finger Pivots — Two drops of oil each side (two places).

Paper-Out Arm Pivot — Two drops of oil on both pivot points (sprocket feed only).

Lead Screw Pulley Clip — Grease between clip and lead screw shaft.

**SECTION 574-501-710**

**Pressure Roller Bail Spring** — Two drops of oil each end (2 places — Friction Feed only).

**Platen Tray Shaft** — Two drops of oil each end at the side plates (2 places — Friction Feed only).

**Pressure Roller Bail** — Two drops of oil each end at pivot points on each side of bail (2 places — Friction Feed only).

**Carriage and Nut Engaging Surfaces:**

(a) **Two Nut Drive Arms** — Grease four bearing surfaces.

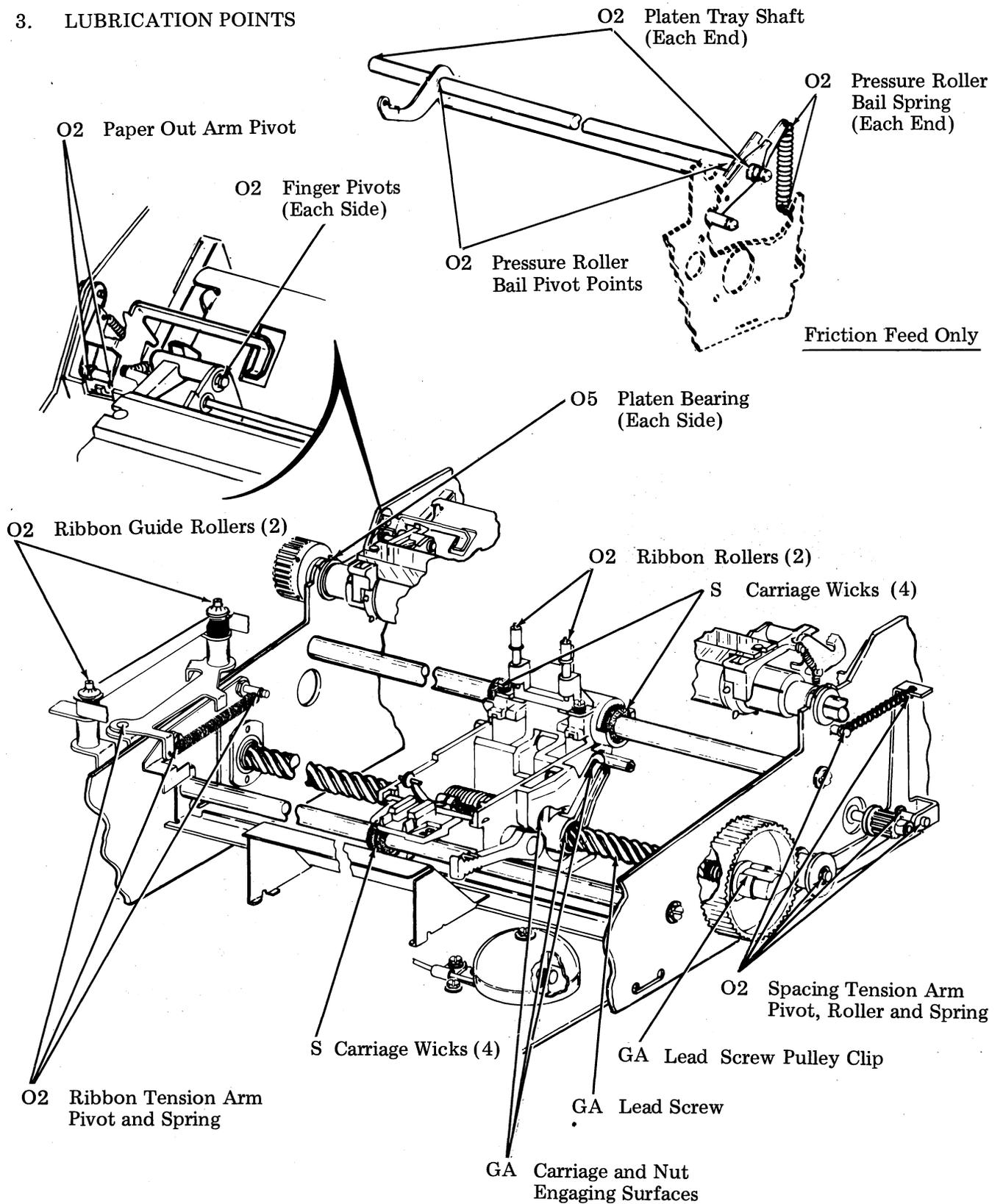
(b) **Nut Keying Arm** — Lubricate by packing carriage engaging slot with grease.

**Print Head:**

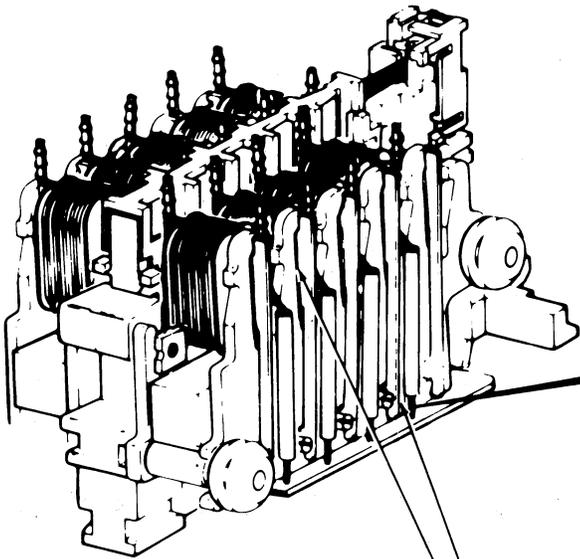
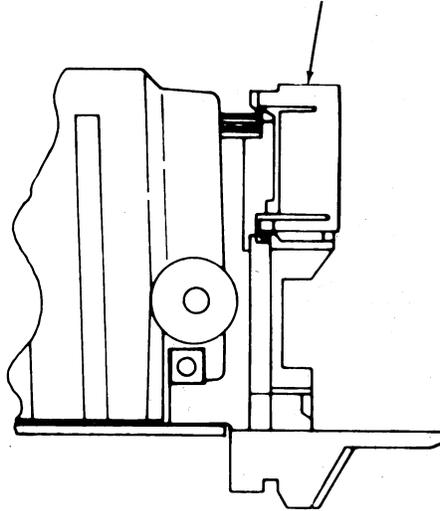
(a) **Active Armatures and Outer Pole Plate** — Grease at the upper pivot area as well as the lower locator area (9 places).

(b) **Print Wire Well Area** — Completely fill with grease.

3. LUBRICATION POINTS



G-C Print Head Well Area



G-B Print Head Active Armatures and Outer Pole Plates

