

35 ANSWER-BACK

LUBRICATION

1. GENERAL

1.01 This section is reissued to specify areas that should not receive lubricant (Par. 1.05, 1.06) and to clarify instructions in Part 2.

1.02 The answer-back assembly should be lubricated as directed in this section. The figures and photograph indicate the points to be lubricated and the quantity of lubricant to be used. Lubricate the assembly just prior to placing it in service. After a few weeks service, relubricate to make certain that all points receive lubrication.

1.03 The answer-back assembly should be lubricated after 1500 hours of service or 6 months period of time, whichever occurs first.

1.04 Use standard KS7470 oil and KS7471 grease at all locations where the use of oil or grease is indicated. Apply a few drops of oil to motor bearings every four months (depress oiler with metal object).

1.05 The unit should be thoroughly lubricated, but over-lubrication, which might allow oil to drop or grease to be thrown on other parts, should be avoided. The following general instructions supplement the specific lubrication points indicated:

a. Apply one drop of oil to all spring hooks, except those used on wire contacts (do not oil the nine distributor block contact tension springs or wire contacts).

b. Apply oil to all pivot points, except the stop armature pivot area.

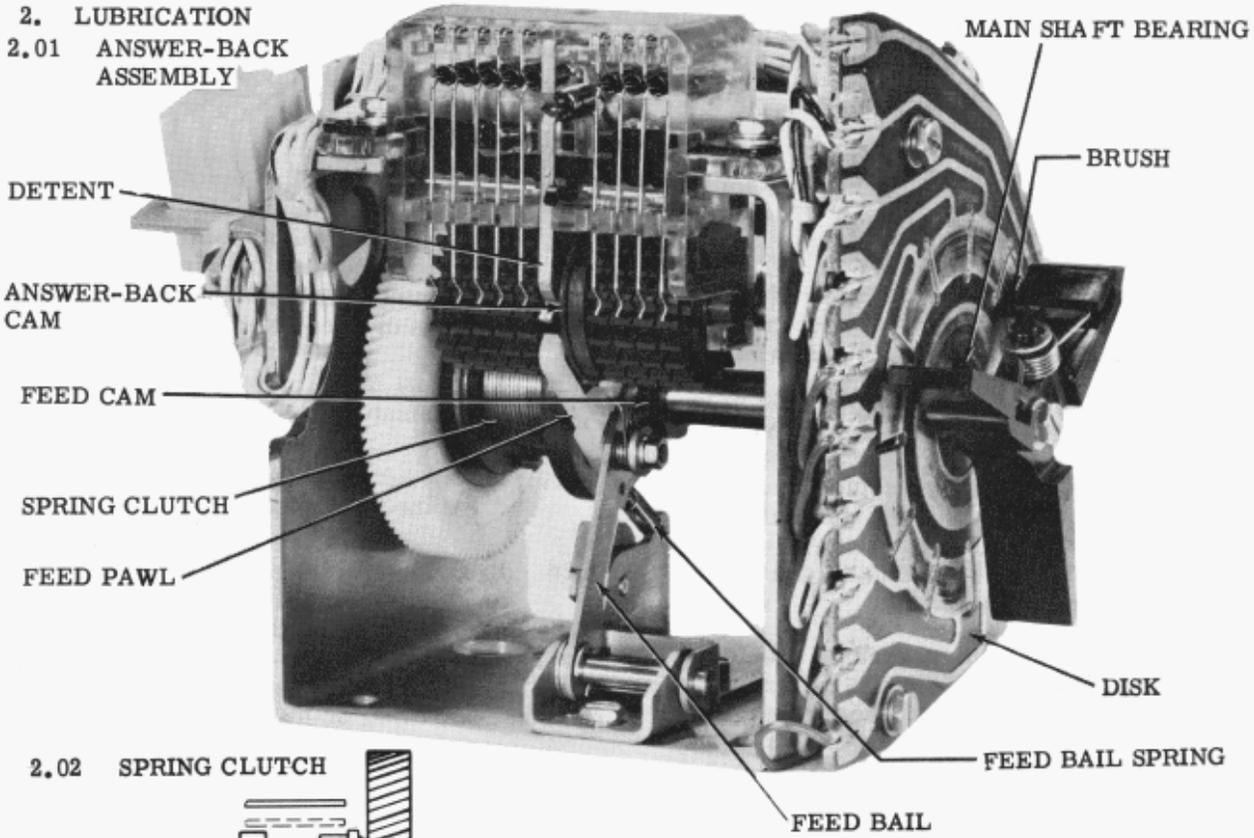
c. Do not lubricate any of the gears which drive the answer back.

1.06 Exercise special care to prevent any oil or grease from getting between the armature and pole piece of the clutch trip magnet and the non-repeat relay. Keep all electrical contacts free of oil or grease. Do not lubricate distributor brushes or disk surface.

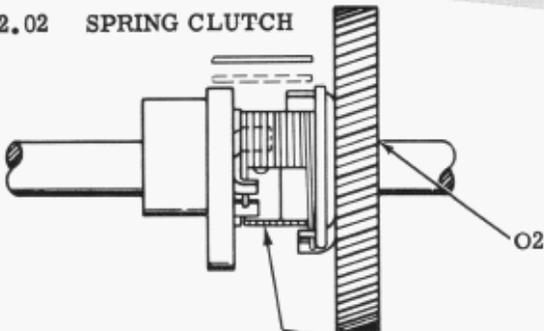
1.07 Specific lubrication requirements and the amount of lubricant are indicated at each lubrication point in accordance with the following code:

- O Apply 1 drop of oil.
- O2 Apply 2 drops of oil.
- O3 Apply 3 drops of oil.
- G Apply thin film of grease.
- SAT Saturate (felt oilers, washers, wicks) with oil.

2. LUBRICATION
2.01 ANSWER-BACK ASSEMBLY



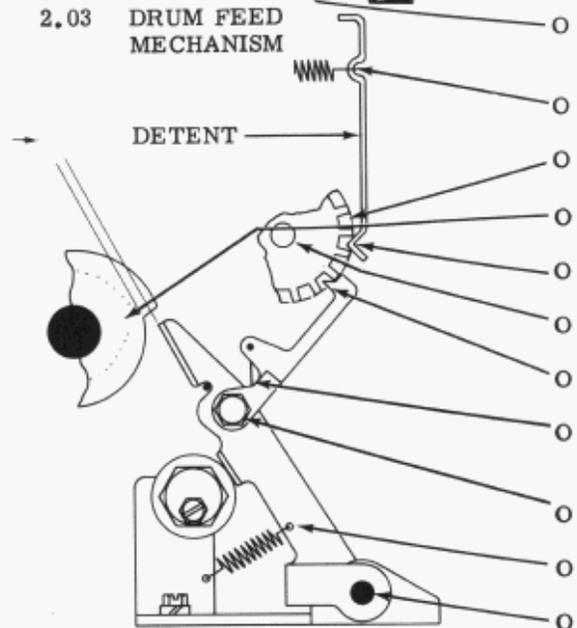
2.02 SPRING CLUTCH



O2 Each Side
(Two Bearings)

Main Shaft Bearings

2.03 DRUM FEED MECHANISM



O Each End
& Center (3)

Clutch Spring

O Each End

Answer-Back Detent Spring

O Light Coat

Cam on Answer-Back Drum

O Surface

Feed Cam

O Top & Bottom Ends

Detent

O Bearing (Two)

Code Drum

O Feeding Surface

Feed Pawl

O Each End
& Light Coat

Feed Pawl Torsion Spring

O Pivot

Feed Pawl

O Each End

Feed Pawl Spring

O Each Bearing

Feed Bail Pivot Shaft