

28 TRANSMITTER-DISTRIBUTOR BASE

ANSWER-BACK MECHANISM

LUBRICATION

CONTENTS	PAGE	OPERATING SPEEDS IN WORDS PER MINUTE	LUBRICATION INTERVAL
1. GENERAL	1	60	3000 hours or 1 year*
2. LUBRICATION	2	75	2400 hours or 9 months*
Answer-Back Mechanism		100	1500 hours or 6 months*
Answer-back drum . . . . .	8		
Answer-back drum detent . . . . .	9		
Answer-back drum feed pawl . . . . .	9		
Answer-back mechanism . . . . .	3		
Auxiliary contact . . . . .	8		
Cam shaft and clutch assembly . . . . .	6		
Clutch and gear assemblies . . . . .	7		
Clutch trip magnet mechanism . . . . .	4-5		
Contact lever and cam sleeve assemblies . . . . .	7		
Contact lever assembly . . . . .	6		
Transmitter-distributor base . . . . .	10		

\*Whichever occurs first.

1. GENERAL

1.01 This section has been revised to include recent engineering changes and additions, and to rearrange the text so as to bring the section generally up-to-date. Since this is an extensive revision, marginal arrows ordinarily used to indicate changes have been omitted.

1.02 The 28 Transmitter-Distributor Base Answer-Back Mechanism should be lubricated as directed in this section. The figures 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 in service, relubricate to make certain that all points receive lubrication. The following lubrication schedule should be followed thereafter:

1.03 Use TP88970 oil at all locations where the use of oil is indicated. Use TP88973 grease on all surfaces where grease is indicated.

1.04 All spring wicks and felt oilers should be saturated. The friction surfaces of all moving parts should be thoroughly lubricated. Over lubrication, however, which will permit oil or grease to drip or be thrown on other parts, would be avoided. Special care must be taken to prevent any oil or grease from getting between electrical contacts.

1.05 Apply a thick film of grease to all gears.

1.06 Apply oil to all cams, including the camming surfaces of each clutch disc.

1.07 The photographs show the paragraph numbers referring to particular line drawings of mechanisms and where these mechanisms are located on the unit. Parts in the line drawings are shown in an upright position unless otherwise specified.

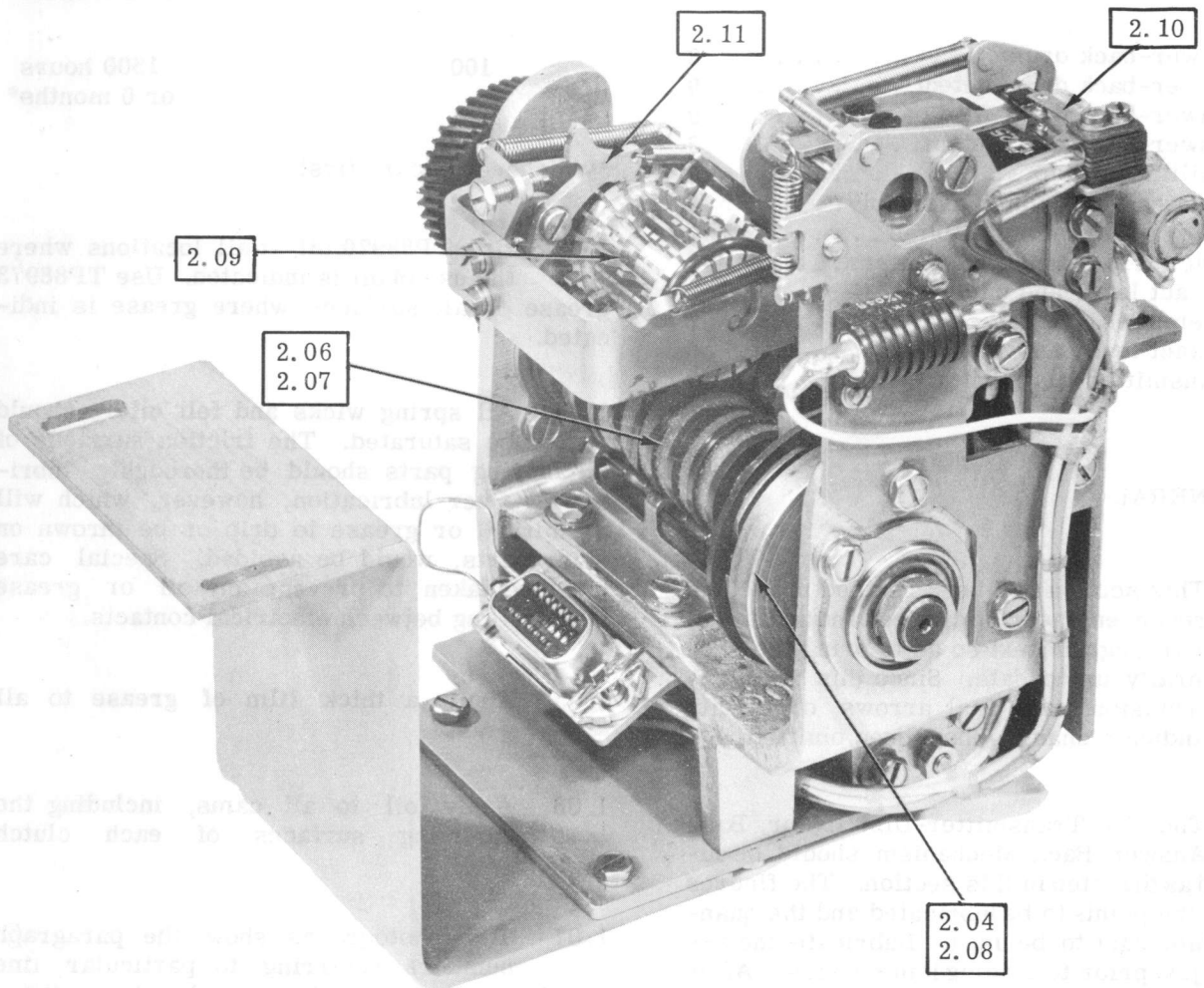
1.08 The illustration symbols indicate the following lubrication directions:

- O Apply 1 drop of oil.
- O2 Apply 2 drops of oil.

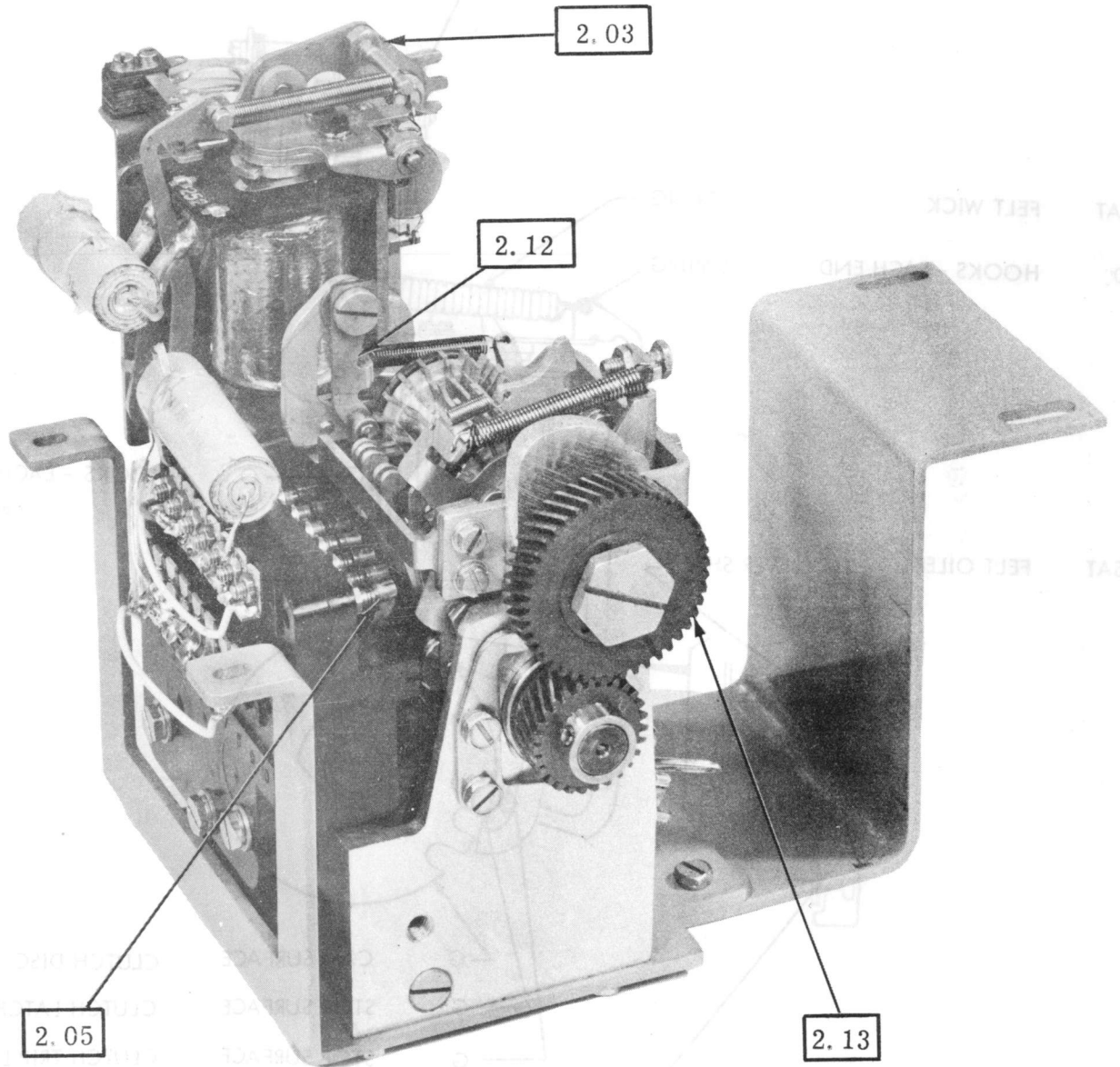
- O3 Apply 3 drops of oil.
- O4 Apply 4 drops of oil, etc.
- G Apply thin film of grease.
- SAT Saturate (felt oilers, washers, wicks) with oil.

## 2. LUBRICATION

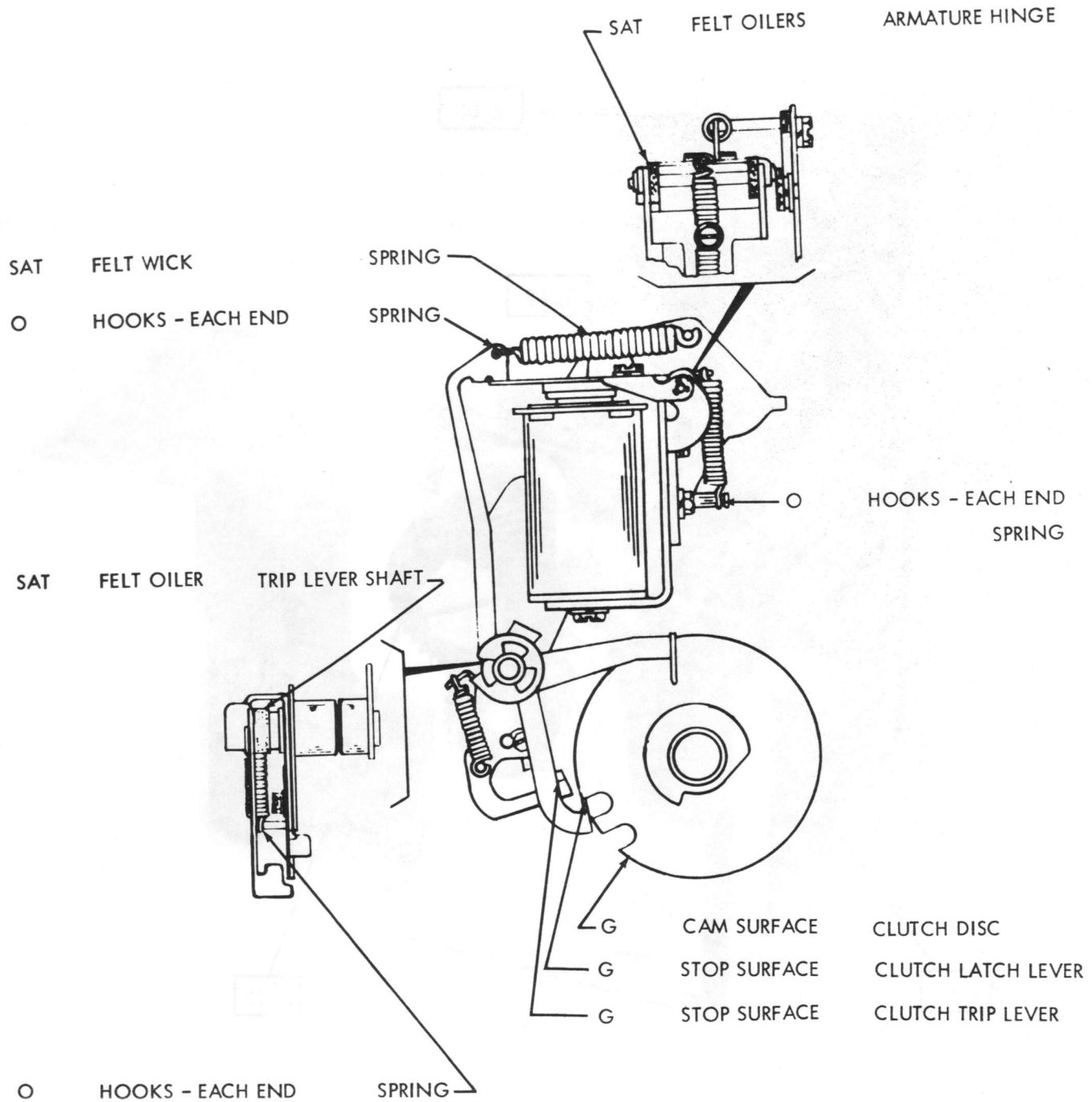
### 2.01 Answer-Back Mechanism (Front View)



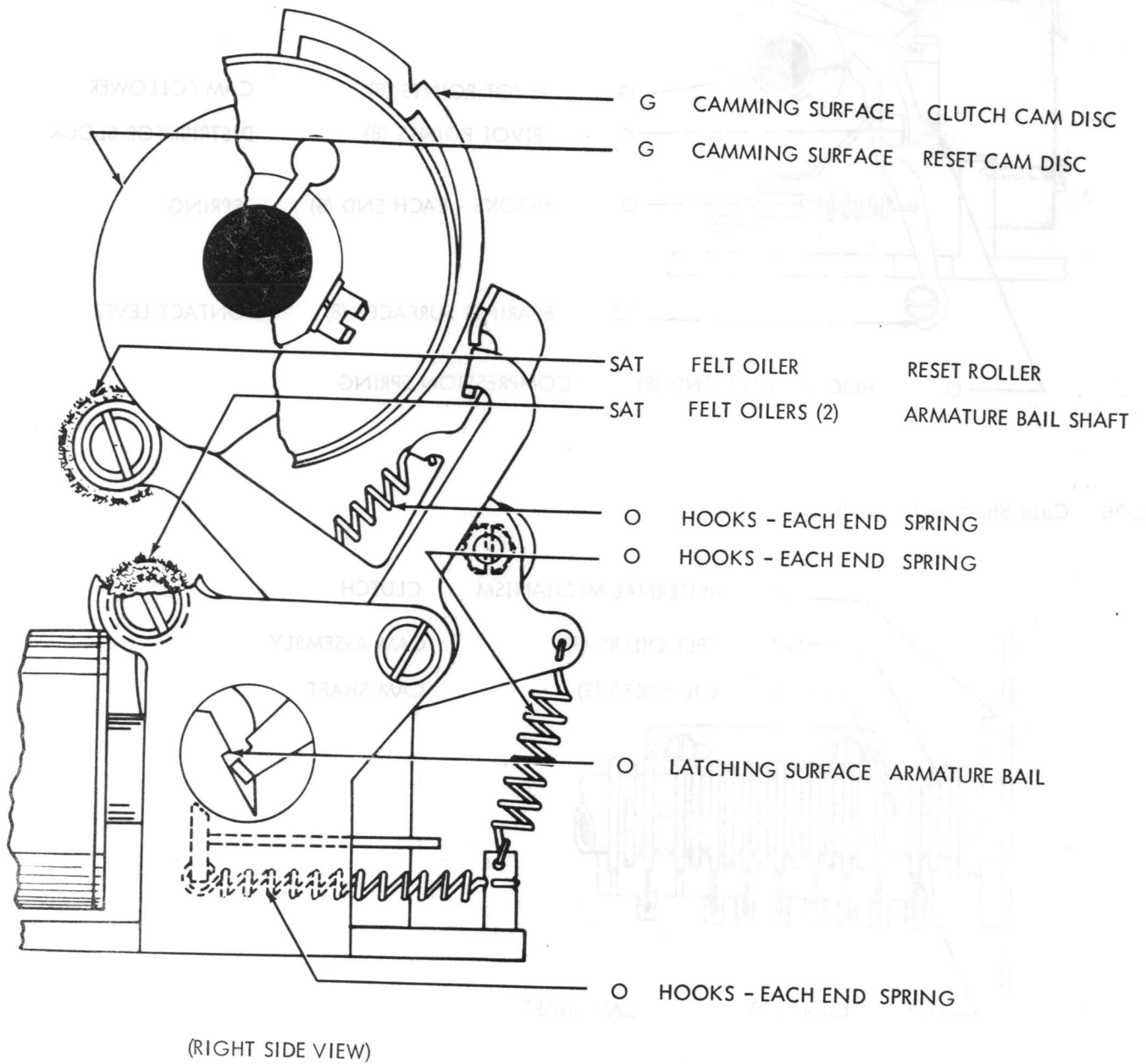
2.02 Answer-Back Mechanism (Rear View)



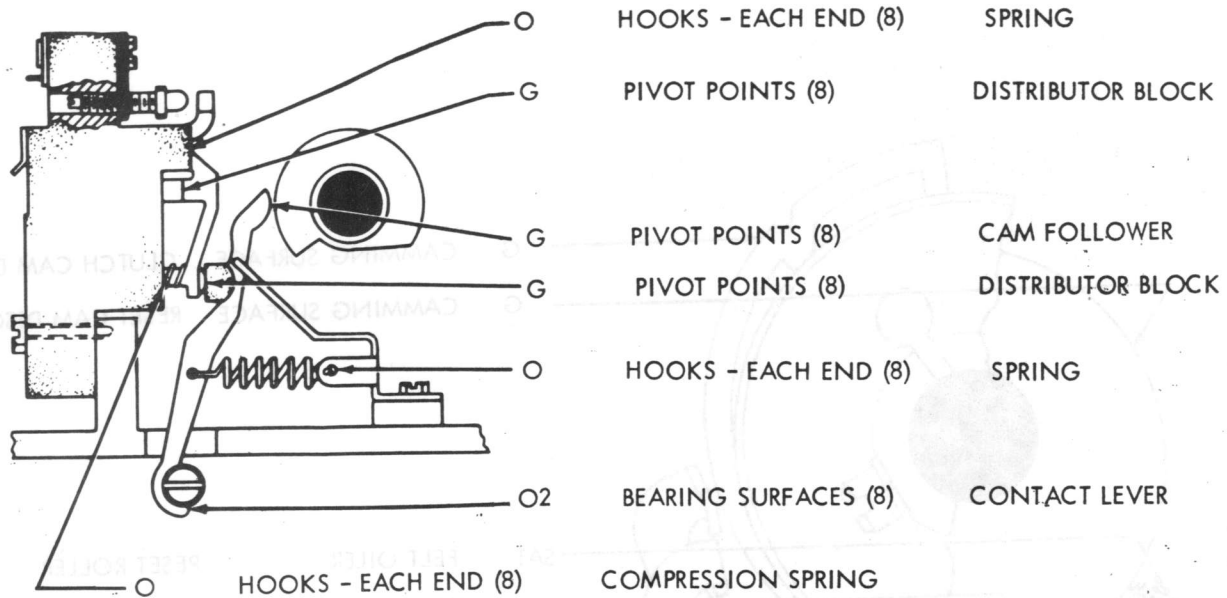
2.03 Clutch Trip Magnet Mechanism



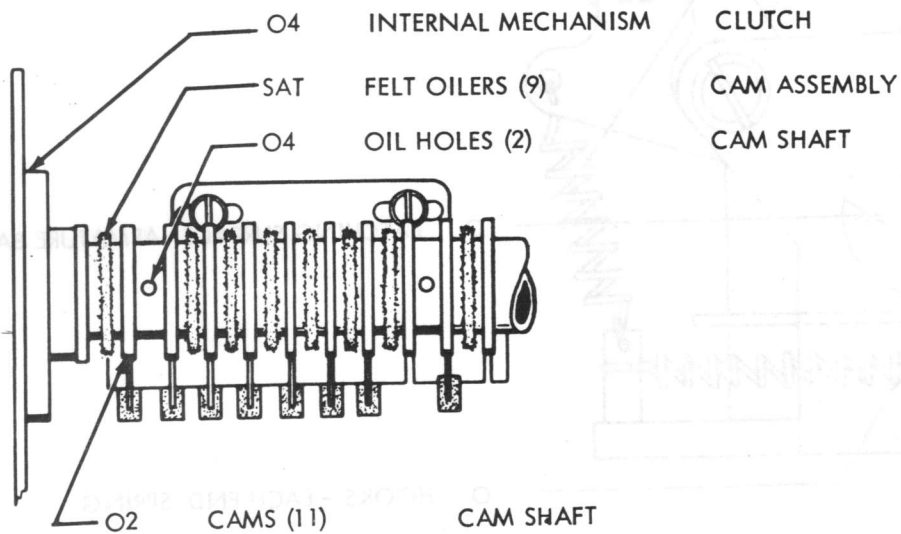
2.04 Clutch Trip Magnet Mechanism continued



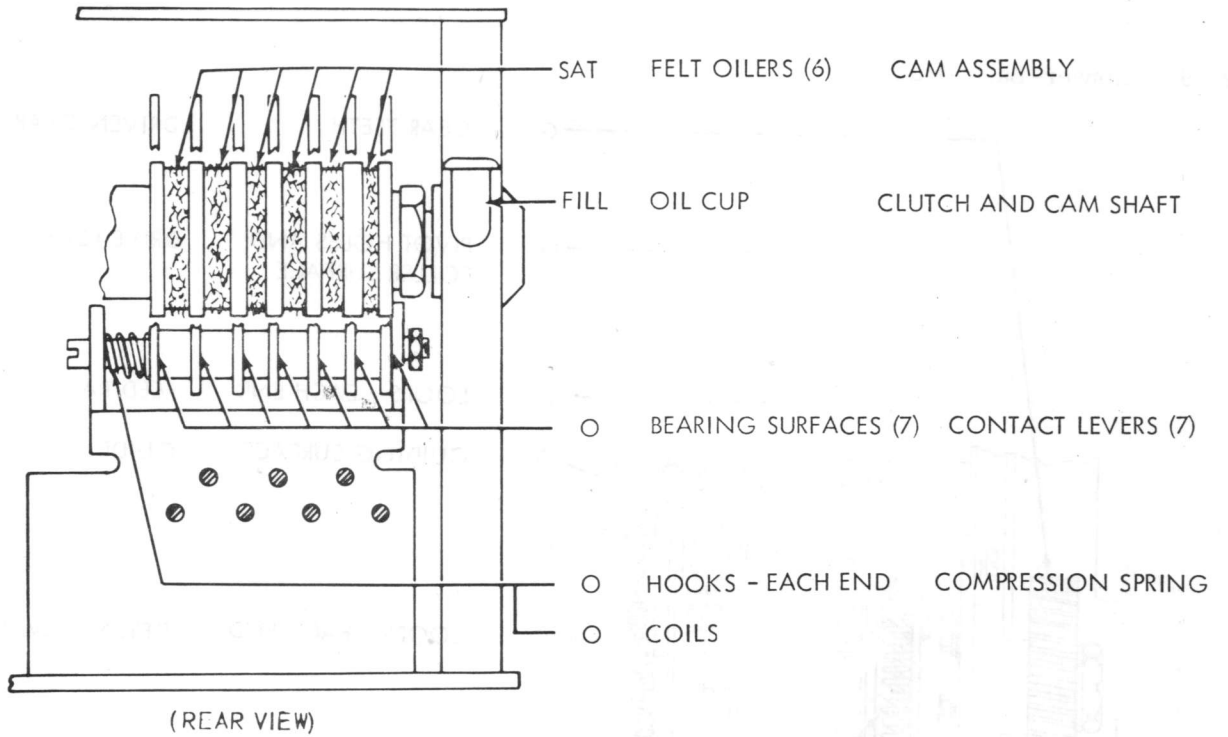
2.05 Contact Lever Assembly



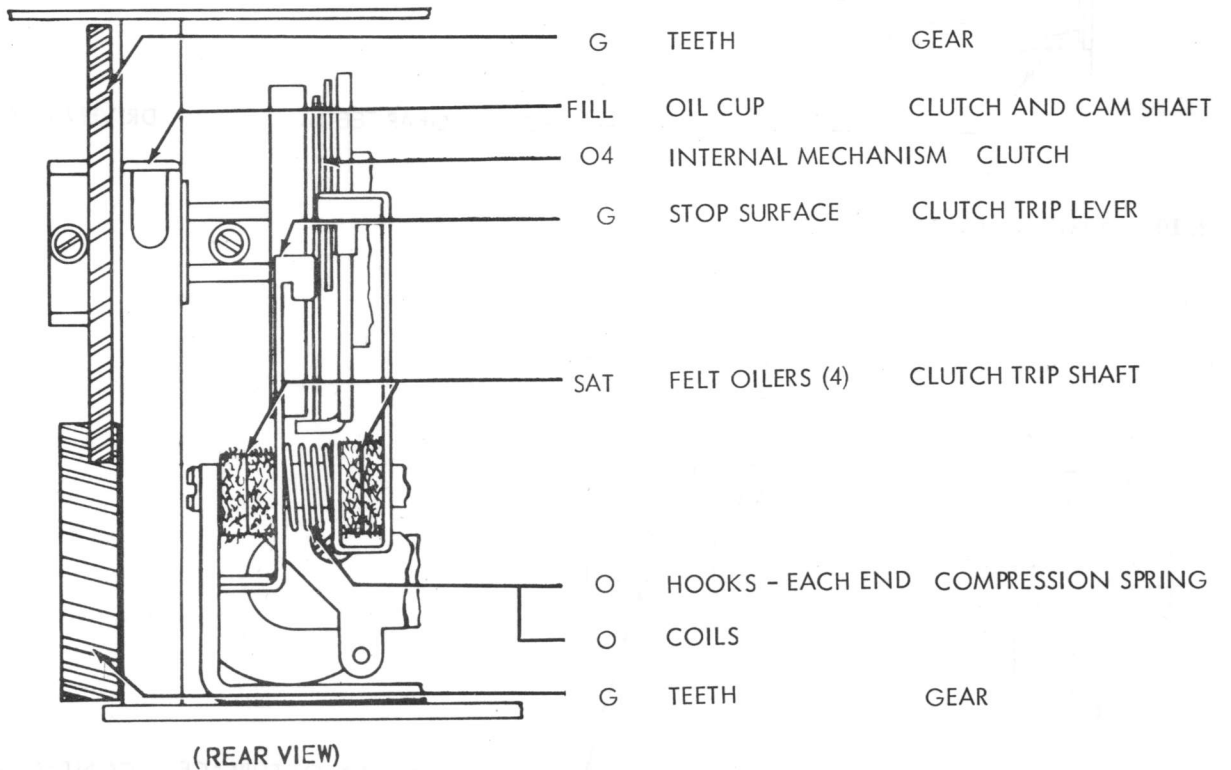
2.06 Cam Shaft and Clutch Assembly



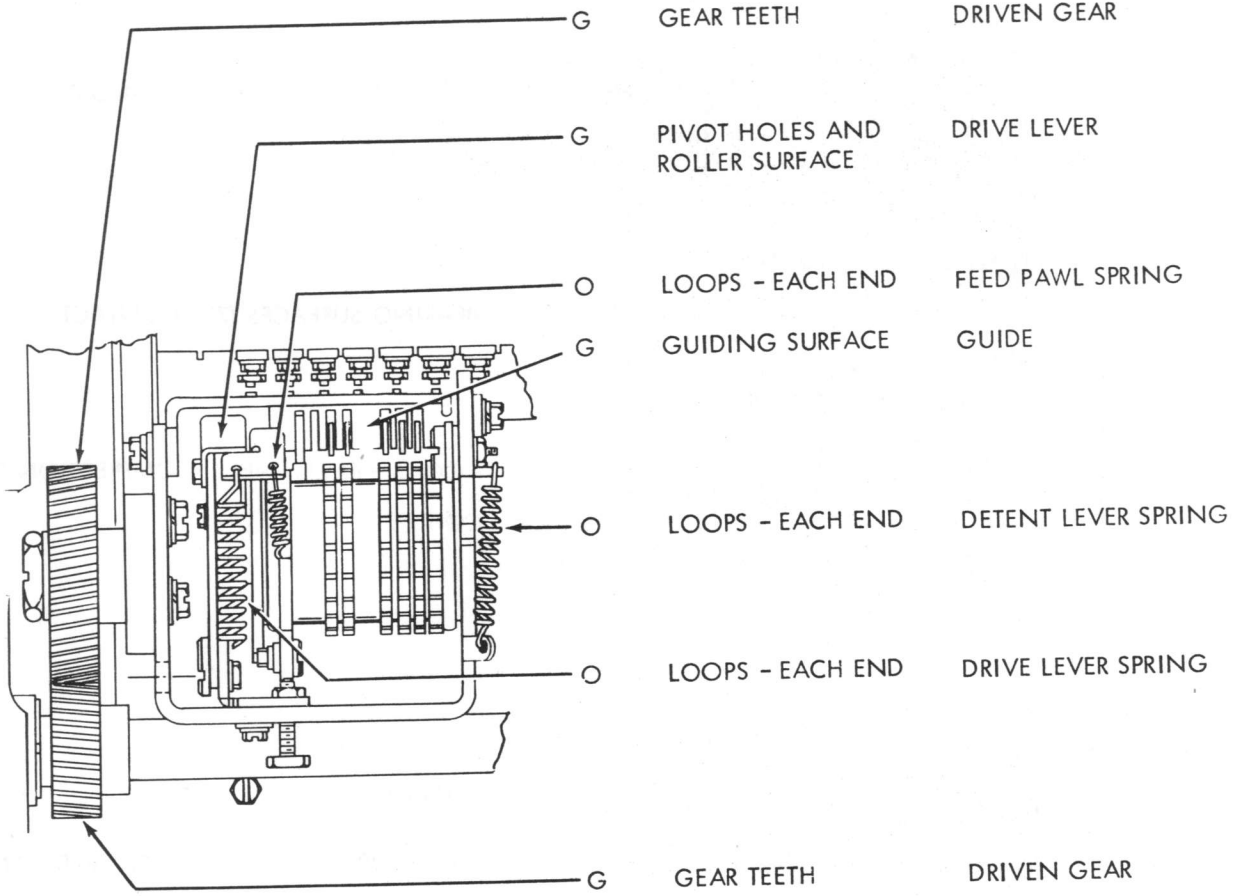
2.07 Contact Lever and Cam Sleeve Assemblies



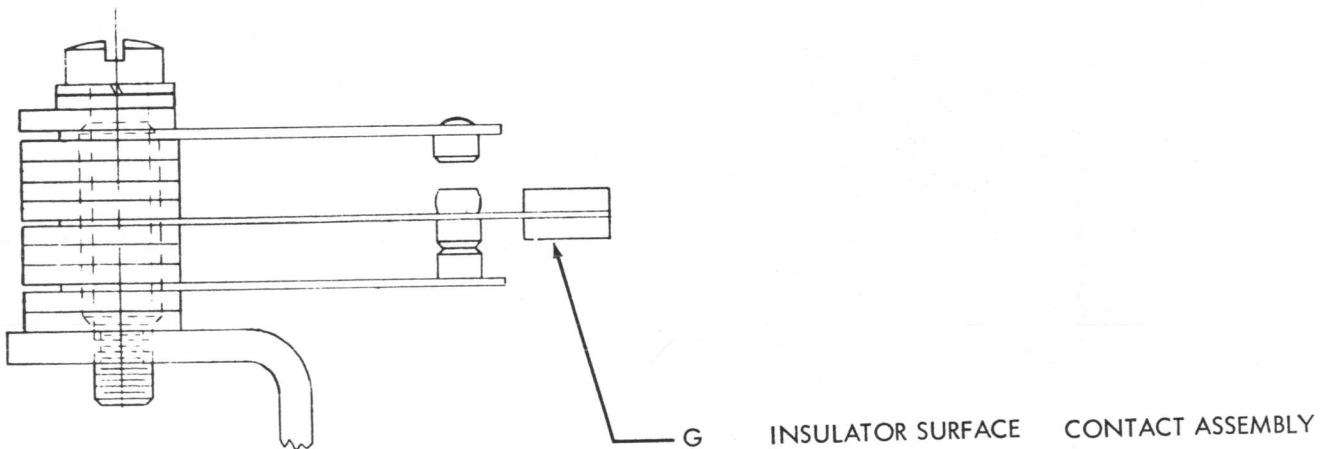
2.08 Clutch and Gear Assemblies



2.09 Answer-Back Drum

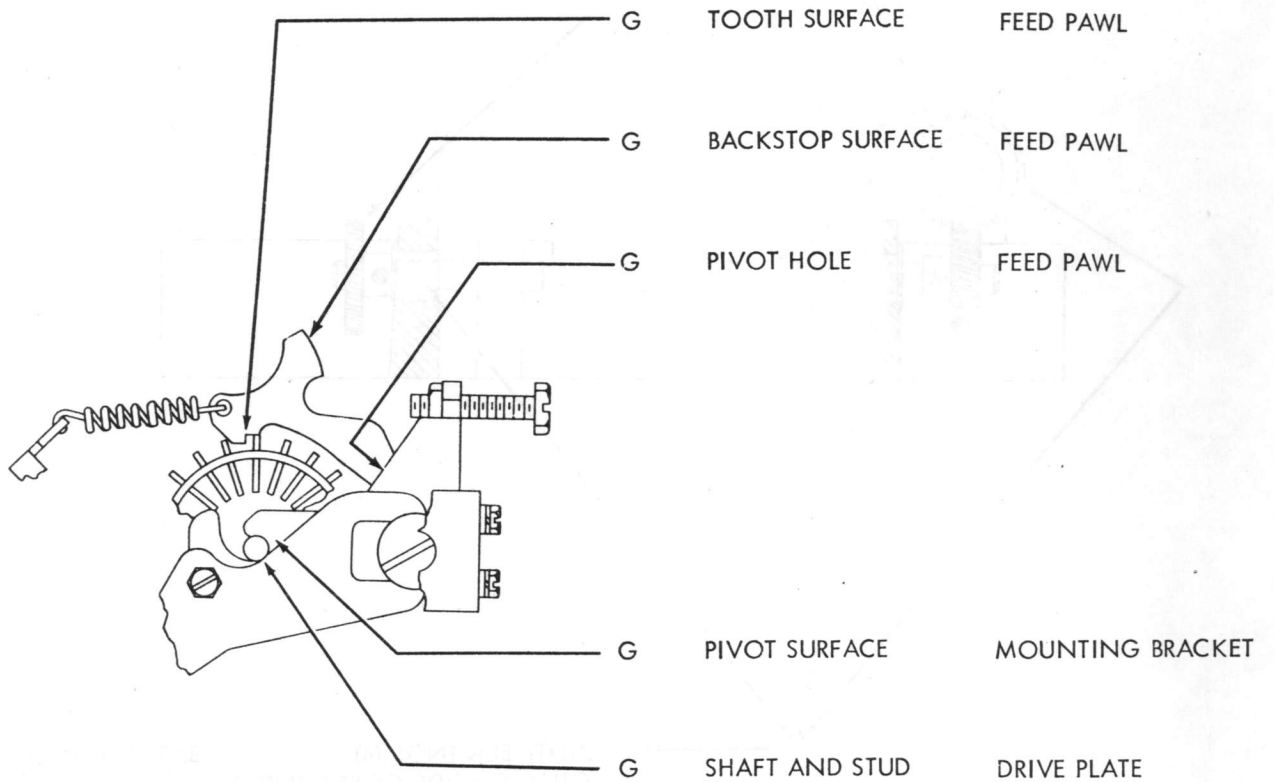


2.10 Auxiliary Contact

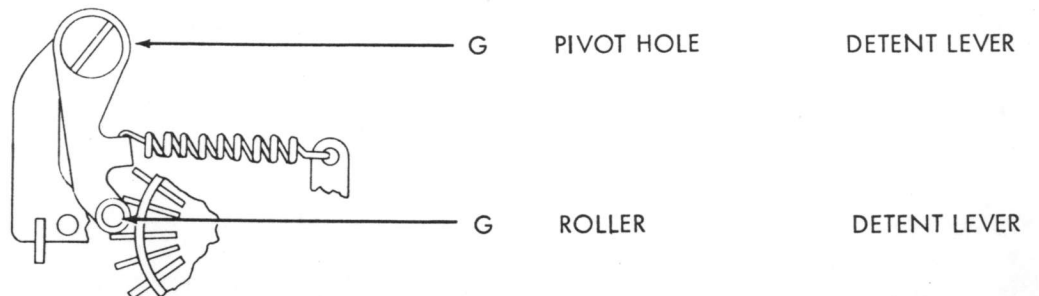




2.11 Answer-Back Drum Feed Pawl



2.12 Answer-Back Drum Detent



2.13 Transmitter-Distributor Base

