

BASES FOR 35 TRANSMITTER-DISTRIBUTOR SETS

ADJUSTMENTS AND LUBRICATION

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1. GENERAL

1.01 This section covers the requirements for adjusting and lubricating the self-contained 35 transmitter distributor bases.

1.02 The cover may be removed by lifting it off for inspection and minor repair of the unit; however, when more extensive maintenance is to be undertaken, it is recommended that the unit be disconnected from its source of power as a safety precaution.

1.03 References made to left or right, up or down, front or rear, etc apply to the unit in its normal operating position as viewed from the operator's position.

2. ADJUSTMENTS

2.01 Power Switch Position

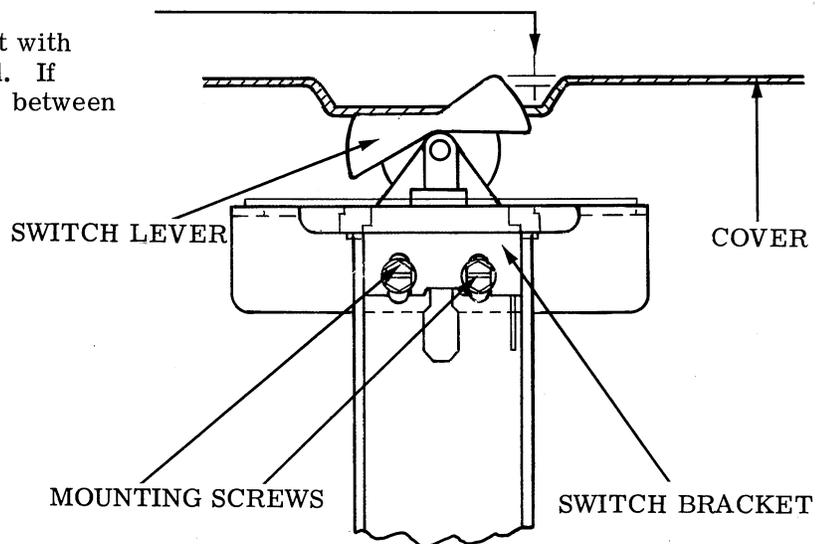
POWER SWITCH POSITION

Requirement

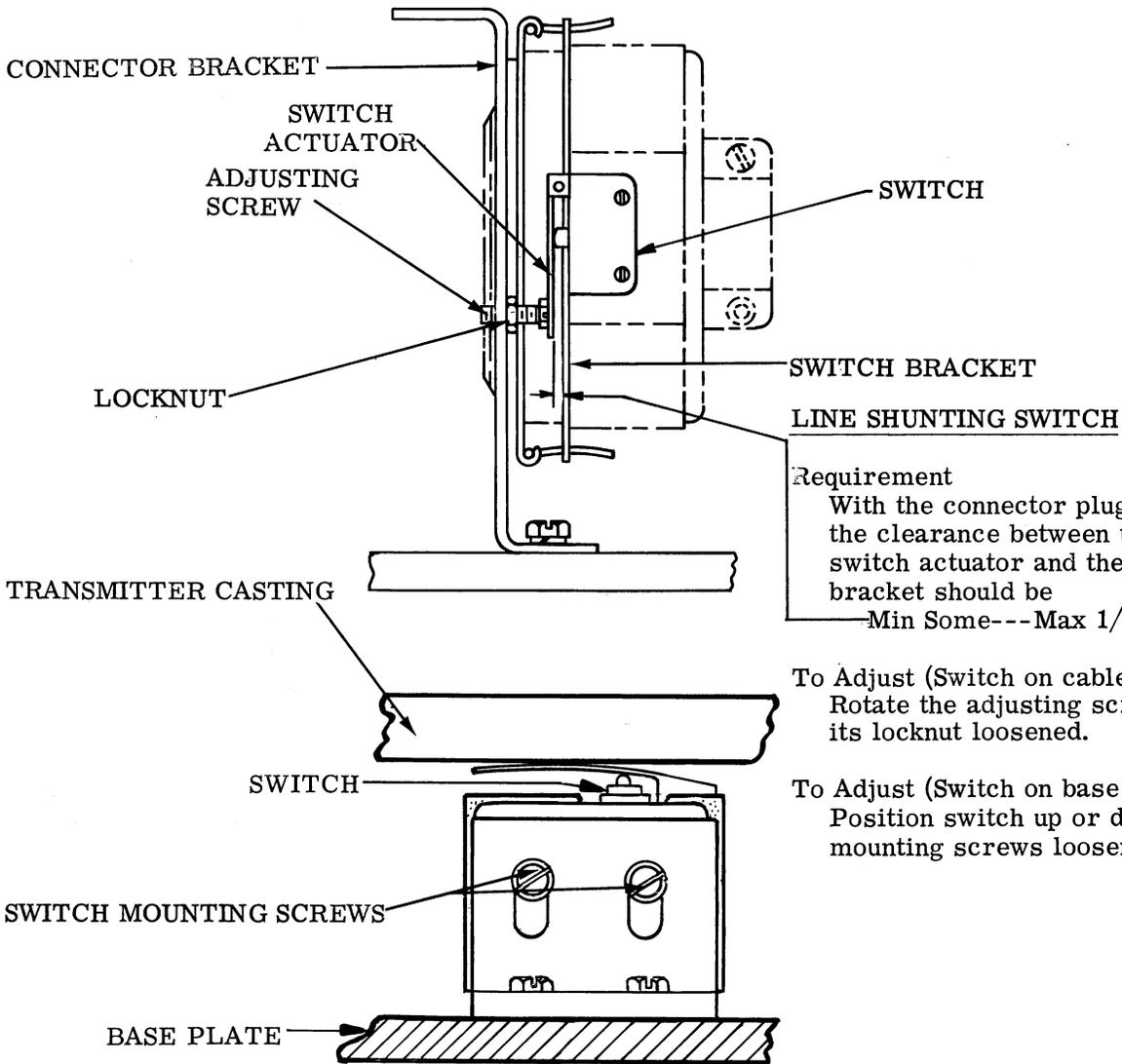
The upper edge of the switch lever should be flush with or 1/16 inch below the surface of the cover.

To Adjust

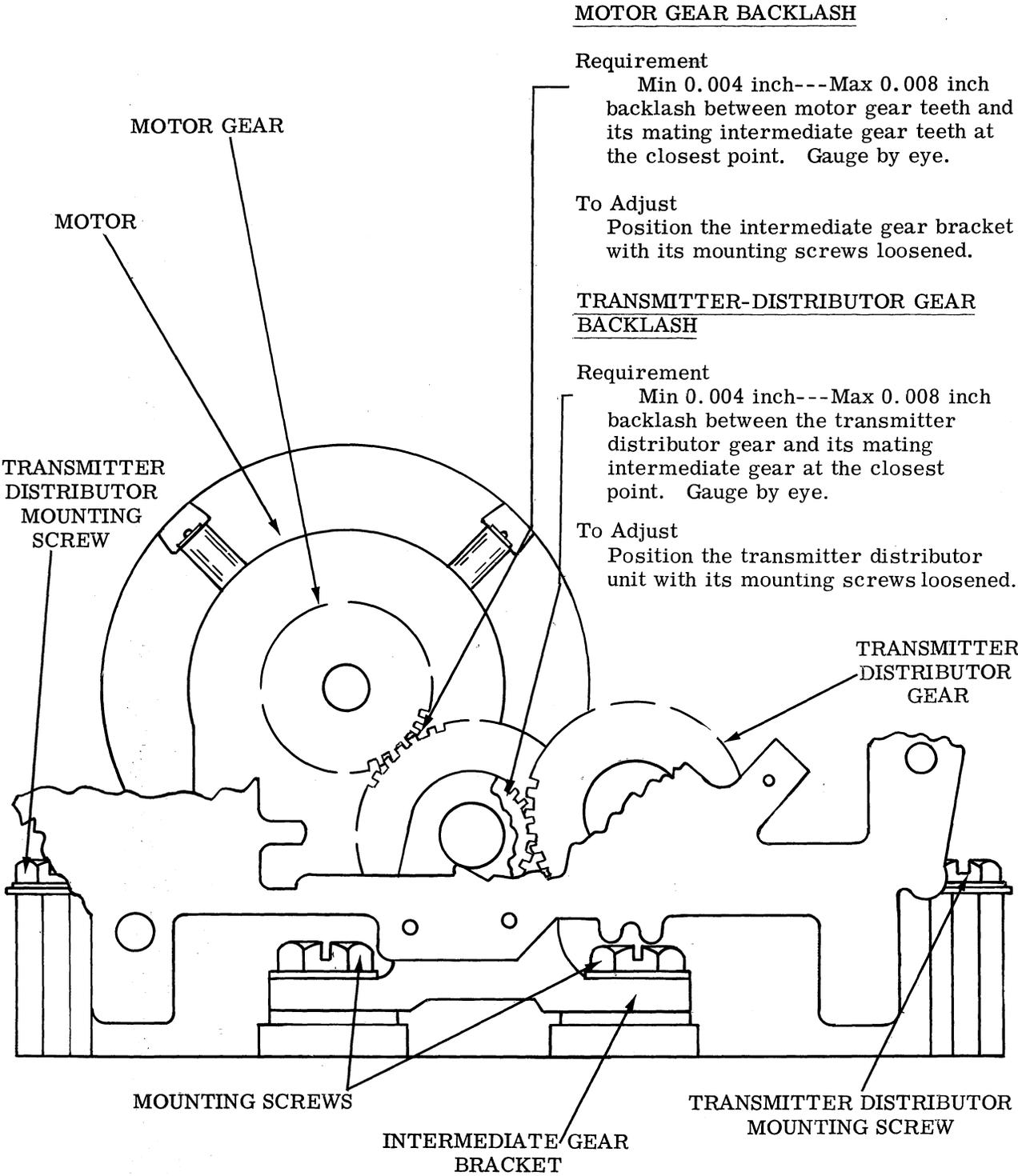
Raise or lower the switch bracket with its two mounting screws loosened. If necessary use spacers (provided) between switch and its bracket.



2.02 Line Shunting Switch



2.03 Intermediate Gear



MOTOR GEAR BACKLASH

Requirement  
 Min 0.004 inch---Max 0.008 inch  
 backlash between motor gear teeth and  
 its mating intermediate gear teeth at  
 the closest point. Gauge by eye.

To Adjust  
 Position the intermediate gear bracket  
 with its mounting screws loosened.

TRANSMITTER-DISTRIBUTOR GEAR  
 BACKLASH

Requirement  
 Min 0.004 inch---Max 0.008 inch  
 backlash between the transmitter  
 distributor gear and its mating  
 intermediate gear at the closest  
 point. Gauge by eye.

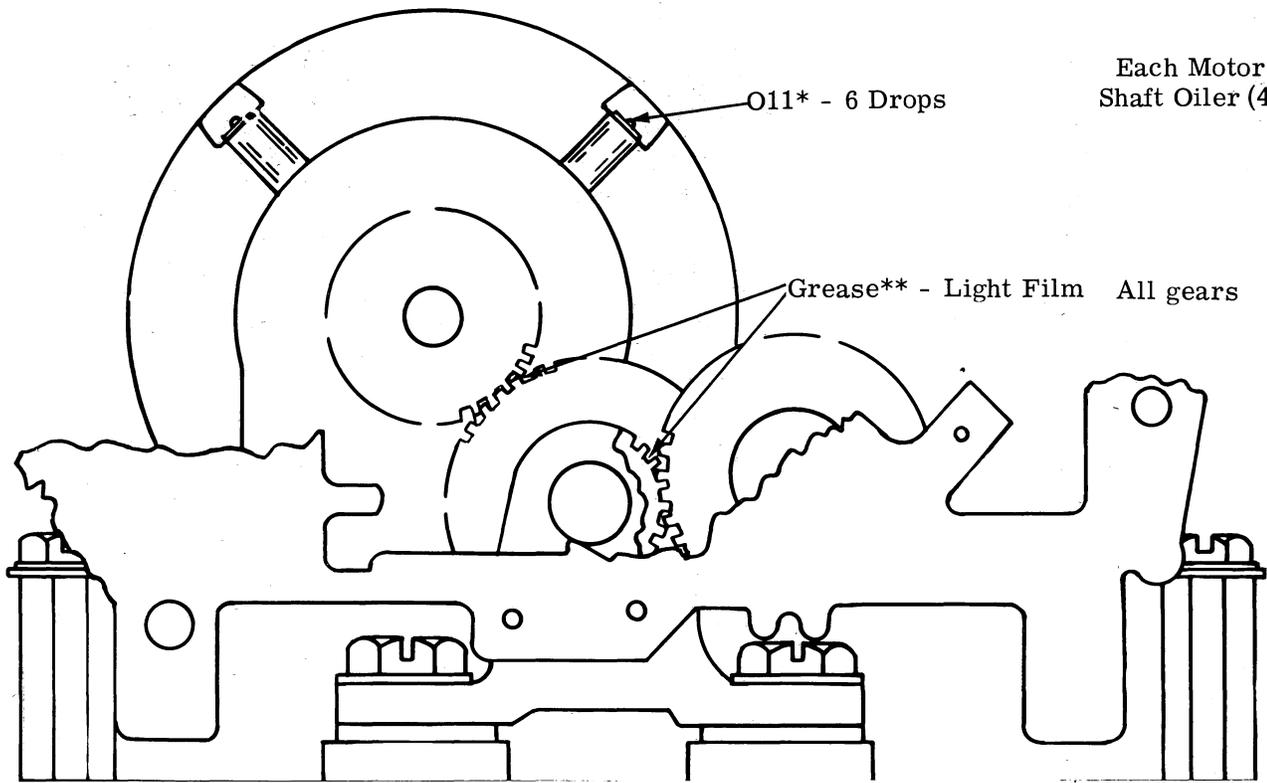
To Adjust  
 Position the transmitter distributor  
 unit with its mounting screws loosened.

3. LUBRICATION

3.01 The transmitter distributor base should be lubricated before placing it in service. Afterwards, the following lubrication schedule should be observed:

| <u>OPERATING SPEED</u> | <u>LUBRICATING INTERVAL</u> |
|------------------------|-----------------------------|
| 60                     | 3000 hours or 1 year*       |
| 75                     | 2400 hours or 9 months*     |
| 100                    | 1500 hours or 6 months*     |

\*Whichever occurs first.



O11\* - 6 Drops

Each Motor Shaft Oiler (4)

Grease\*\* - Light Film All gears

\*KS7470 Oil  
 \*\*KS7471 Grease