

BASES FOR 35 TRANSMITTER-DISTRIBUTOR SETS

ADJUSTMENTS AND LUBRICATION

CONTENTS	PAGE
1. GENERAL . . . . .	1
2. ADJUSTMENTS . . . . .	1
3. LUBRICATION . . . . .	4

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

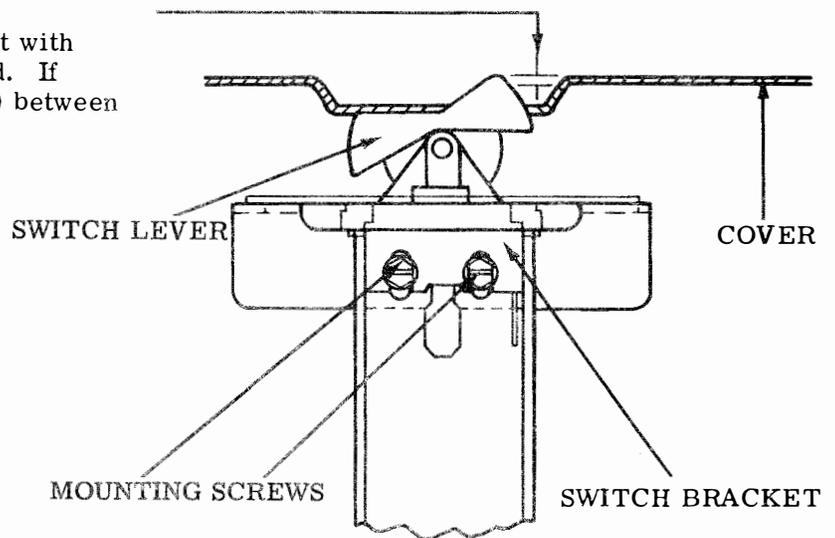
POWER SWITCH POSITION

Requirement

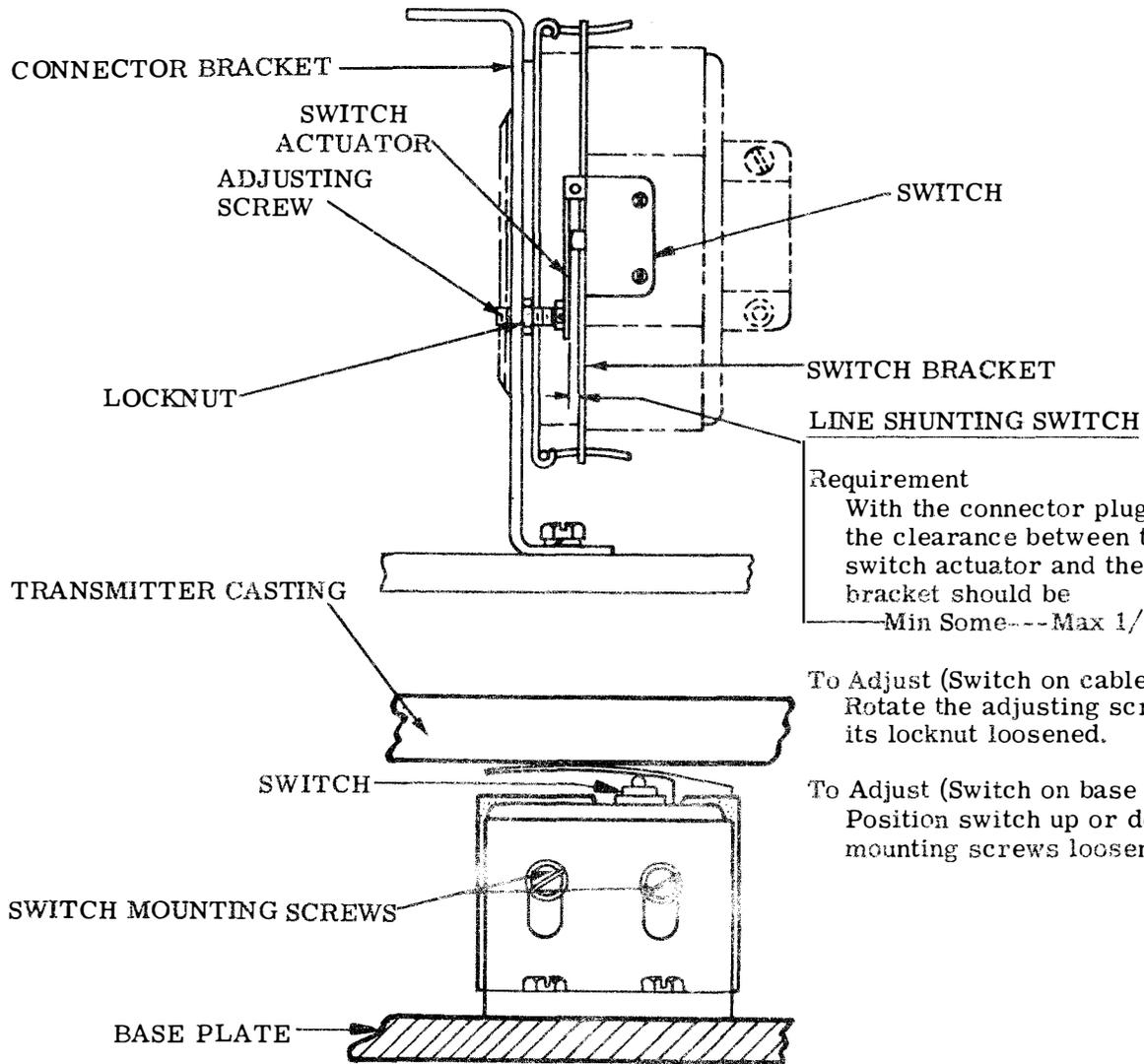
The upper edge of the switch lever should be flush with or 1/16 inch below the surface of the cover.

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

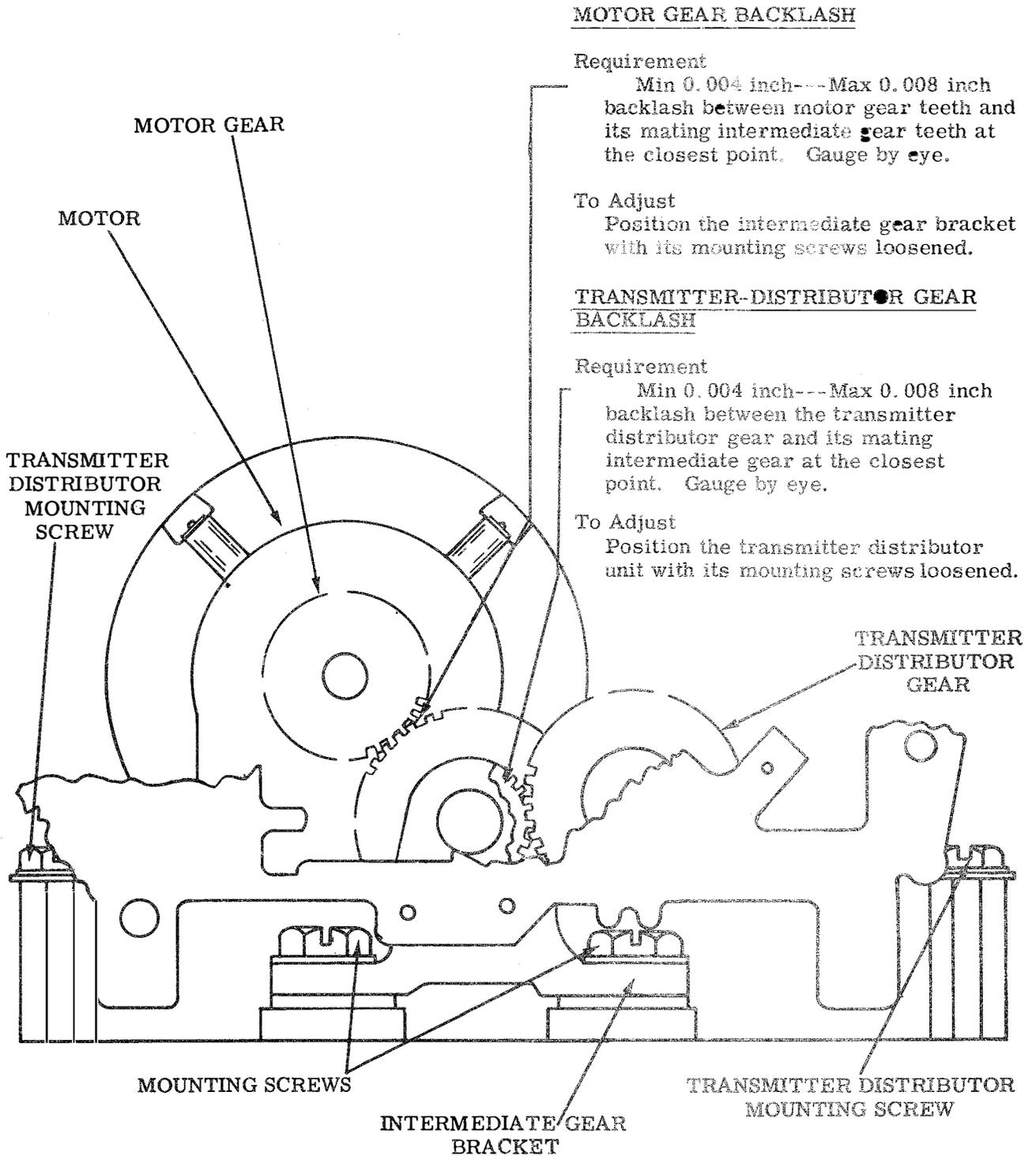


Requirement  
With the connector plugged in place,  
the clearance between the end of the  
switch actuator and the switch  
bracket should be  
---Min Some---Max 1/32 inch

To Adjust (Switch on cable connector)  
Rotate the adjusting screw with  
its locknut loosened.

To Adjust (Switch on base plate)  
Position switch up or down with  
mounting screws loosened.

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:

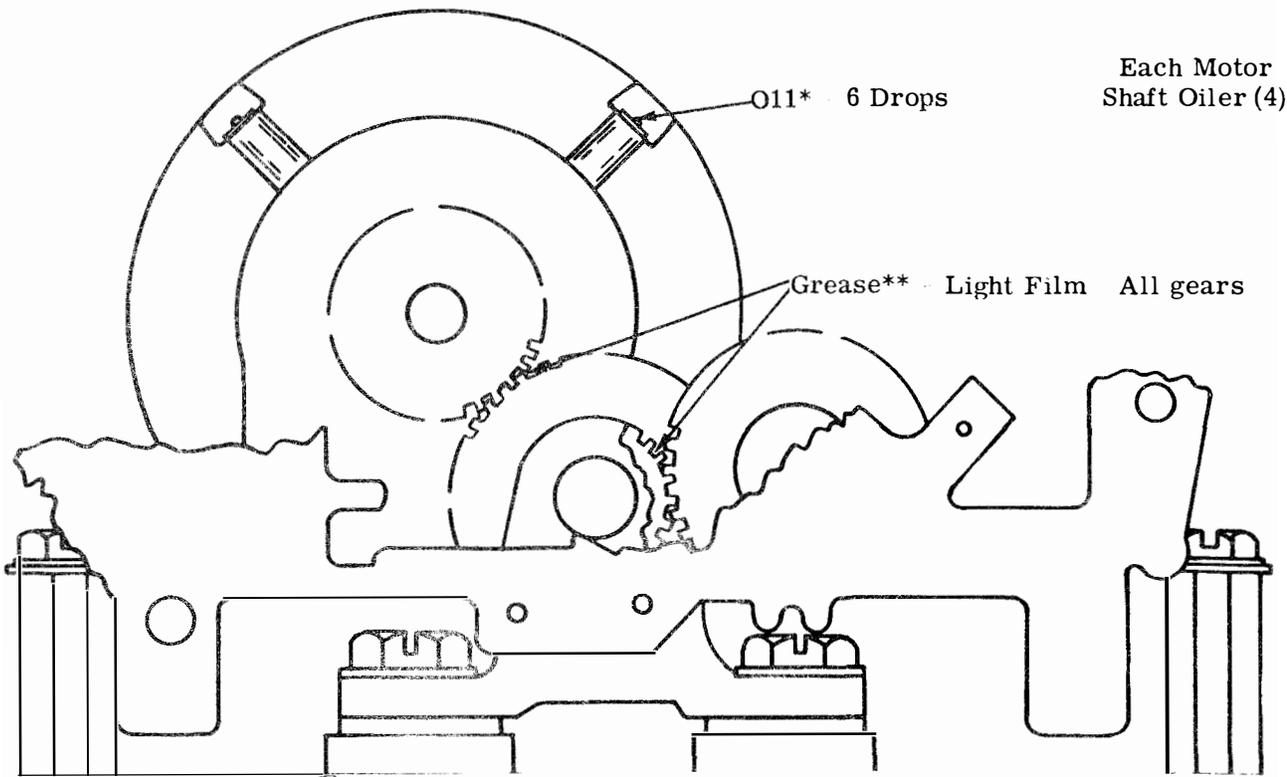
OPERATING  
SPEED

60  
75  
100

LUBRICATING  
INTERVAL

3000 hours or 1 year\*  
2400 hours or 9 months\*  
1500 hours or 6 months\*

\*Whichever occurs first.



\*KS7470 Oil  
\*\*KS7471 Grease