

INSTRUCTIONS FOR INSTALLING THE 194245 MODIFICATION KIT
TO PROVIDE AN IMPROVED TAPE SUPPLY ARM FOR HIGH SPEED
REPERFORATOR TRANSMITTER TAPE HANDLING STAND LTHS207

1. GENERAL

a. The 194245 Modification Kit provides an improved tape supply arm which eliminates erratic operation of the tight-tape switch on the LTHS207.

b. The 194245 Kit consists of:

1	2191	Washer, Lock	1	194200	Bracket
1	3606	Nut	1	194201	Arm, Tape Supply
1	158719	Shaft	1	194426	Roller
1	174572	Bracket (Late Design)			

c. For parts ordering information see Teletype Parts Bulletin 1168B.

2. INSTALLATION (Figure 2)

a. Remove the 158985 Tape Supply Arm.

(1) Remove the 170836 Bracket by removing a 2191 Lock Washer and 3598 Nut. Retain the bracket, lock washer and nut.

(2) Remove the 158985 Tape Supply Arm from the 159214 Support Bracket by removing two 119652 Retainer Rings. Retain the retainer rings.

(3) Remove the 158720 Roller and 159217 Bracket by removing two 119652 Retainer Rings. Retain the retainer rings. Discard the 159217 Bracket, 158720 Roller and 158985 Tape Supply Arm.

b. Install the 194201 Tape Supply Arm.

(1) Assemble the 194201 Tape Supply Arm on the 159214 Support Bracket with the two 119652 Ring Retainers retained in Paragraph a.(2), above.

(2) Assemble the 170836 Bracket to the 194201 Tape Supply Arm with the hardware retained in Paragraph a.(1), above.

(3) Assemble the 194200 Bracket to the 194201 Tape Supply Arm with the 2191 Lock Washer and 3606 Nut provided.

(4) Assemble the 158719 Shaft and 194426 Roller provided onto the 194200 Bracket with the two 119652 Retainer Rings retained in Paragraph a.(3), above.

c. Install the late design 174572 Bracket.

(1) Remove the existing 174572 Bracket and retain mounting hardware.

(2) Transfer the end of tape switch to the redesigned 174572 Bracket.

(3) Work over the 174950 Tape Handling Stand Frame by adding the two new mounting holes as per Figure 1.

(4) Assemble the late design 174572 Bracket to the 174950 Frame utilizing mounting hardware retained in Paragraph c.(1), above.

3. ADJUSTMENTS AND LUBRICATION

a. For adjustments and lubrication of related equipment, refer to Teletype Bulletin 248B.

b. Make the adjustments given on the attached figures.

*

*

*

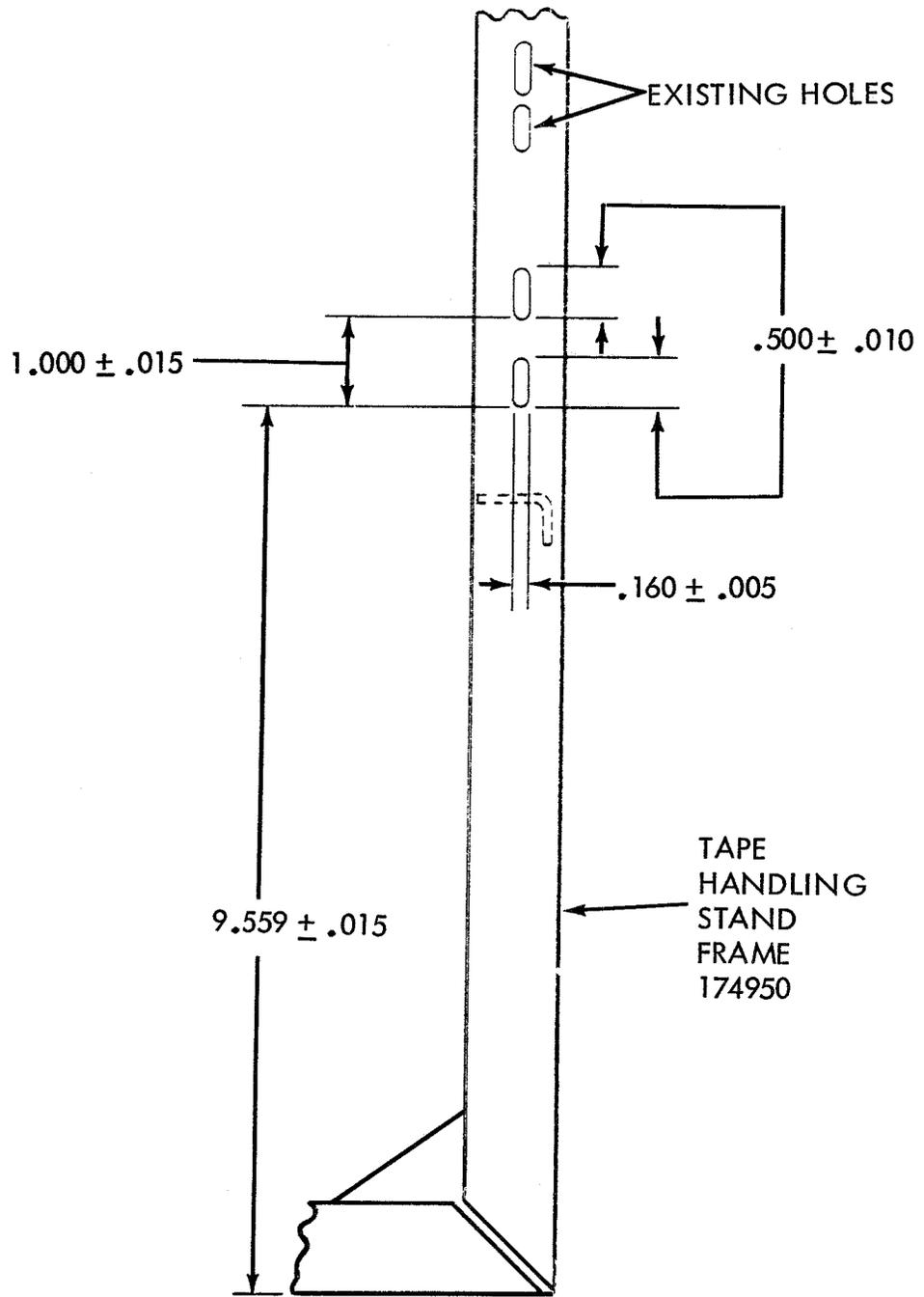


FIGURE 1

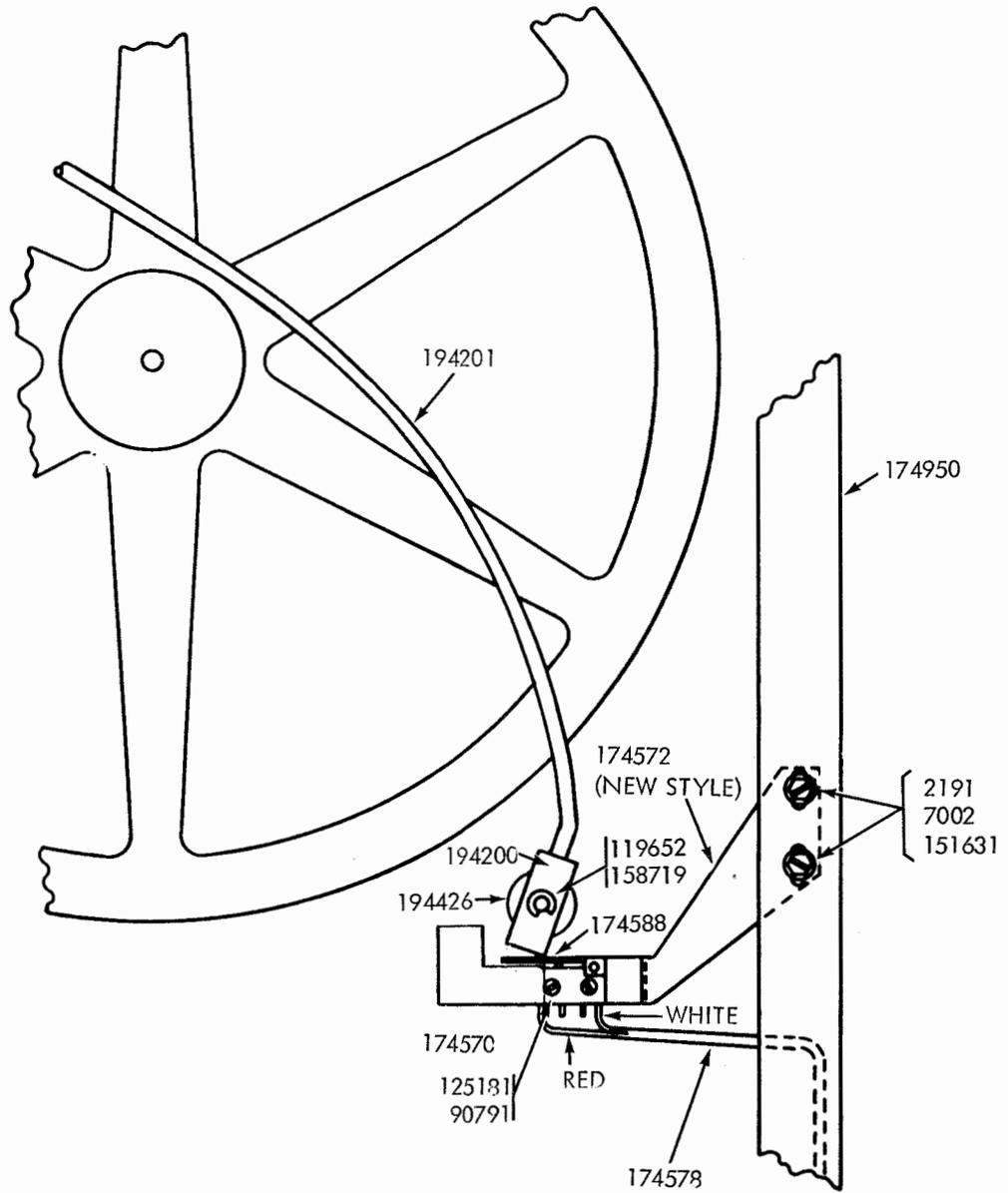
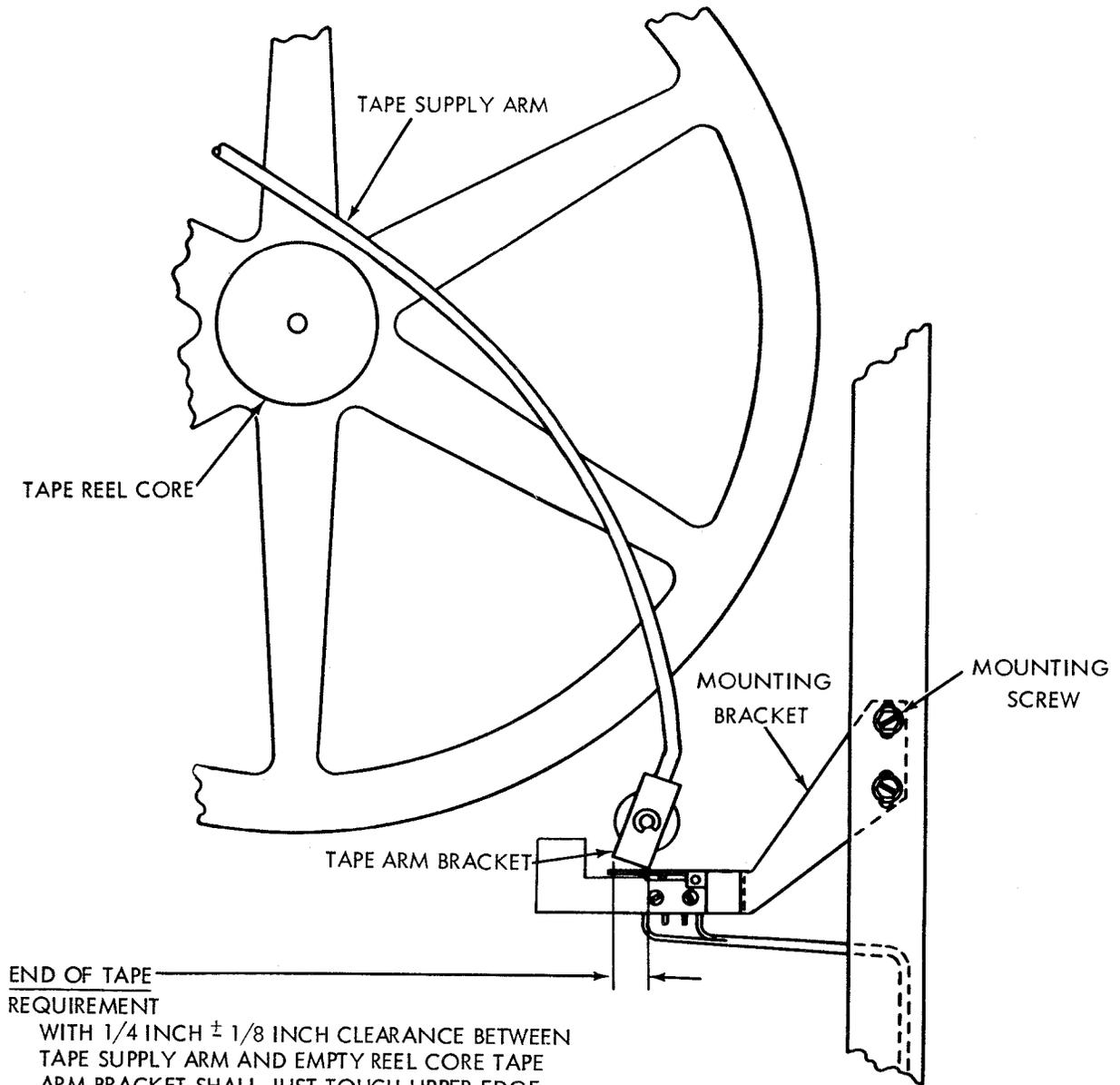


FIGURE 2



WITH $1/4$ INCH \pm $1/8$ INCH CLEARANCE BETWEEN TAPE SUPPLY ARM AND EMPTY REEL CORE TAPE ARM BRACKET SHALL JUST TOUCH UPPER EDGE OF MOUNTING BRACKET APPROXIMATELY $1/4$ INCH FROM EDGE OF MOUNTING BRACKET.

TO ADJUST

WITH MOUNTING SCREWS LOOSENED POSITION MOUNTING BRACKET UP OR DOWN TO MEET REQUIREMENT. SLIGHT BENDING OF TAPE ARM MAY BE NECESSARY.

FIGURE 3

50134S

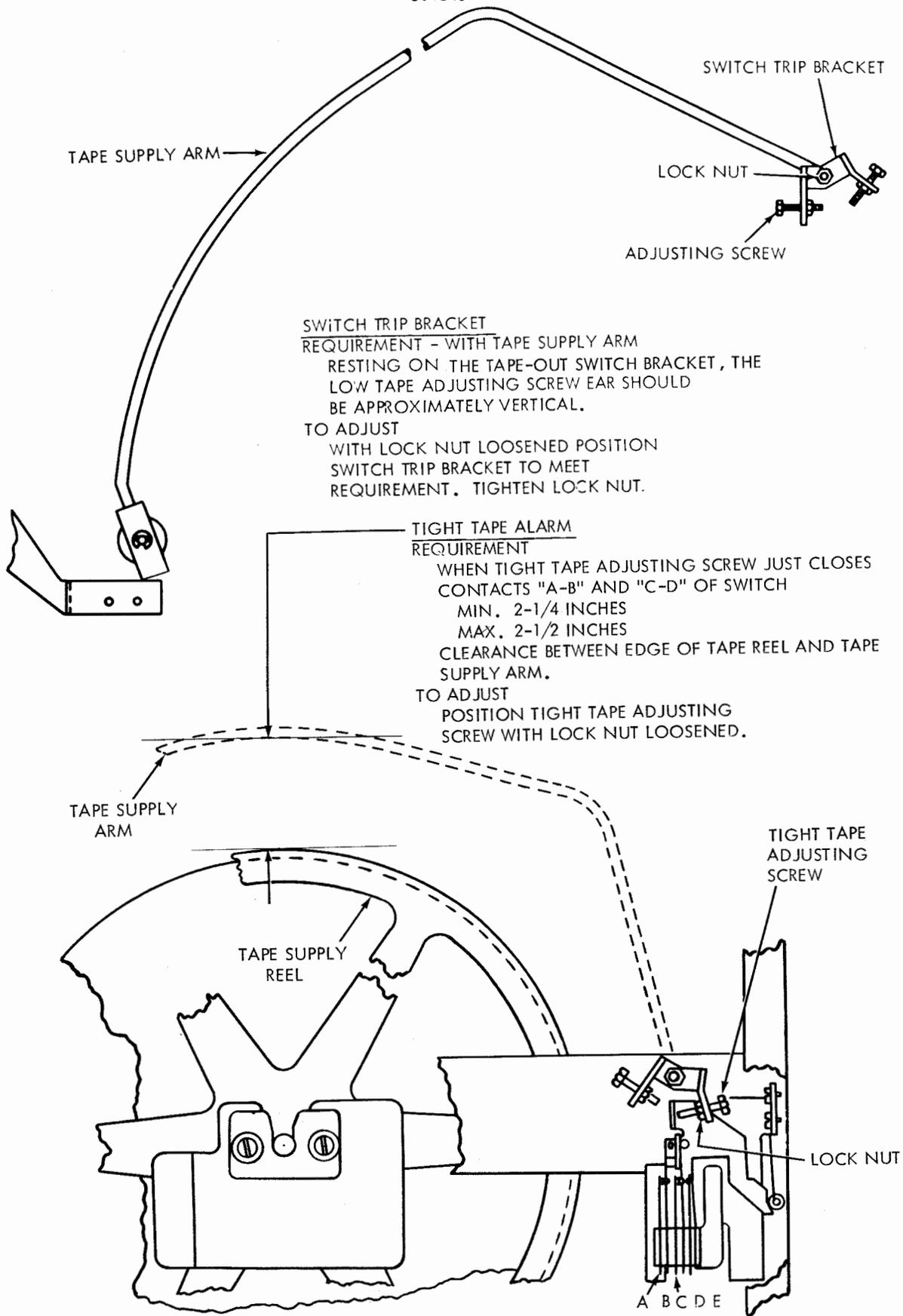


FIGURE 4

LOW TAPE ALARM**REQUIREMENT**

WHEN LOW TAPE ADJUSTING SCREW JUST CLOSSES CONTACTS
"D-E" THROUGH DETENT ACTION (ROLLER ON PEAK OF DE-
TENT LEVER CAMMING SURFACE)

MIN. 1/2 INCH

MAX. 1-1/4 INCH

CLEARANCE BETWEEN EMPTY TAPE REEL CORE AND
TAPE SUPPLY ARM.

TO ADJUST
POSITION LOW TAPE ADJUST-
ING SCREW WITH LOCK NUT
LOOSENED.

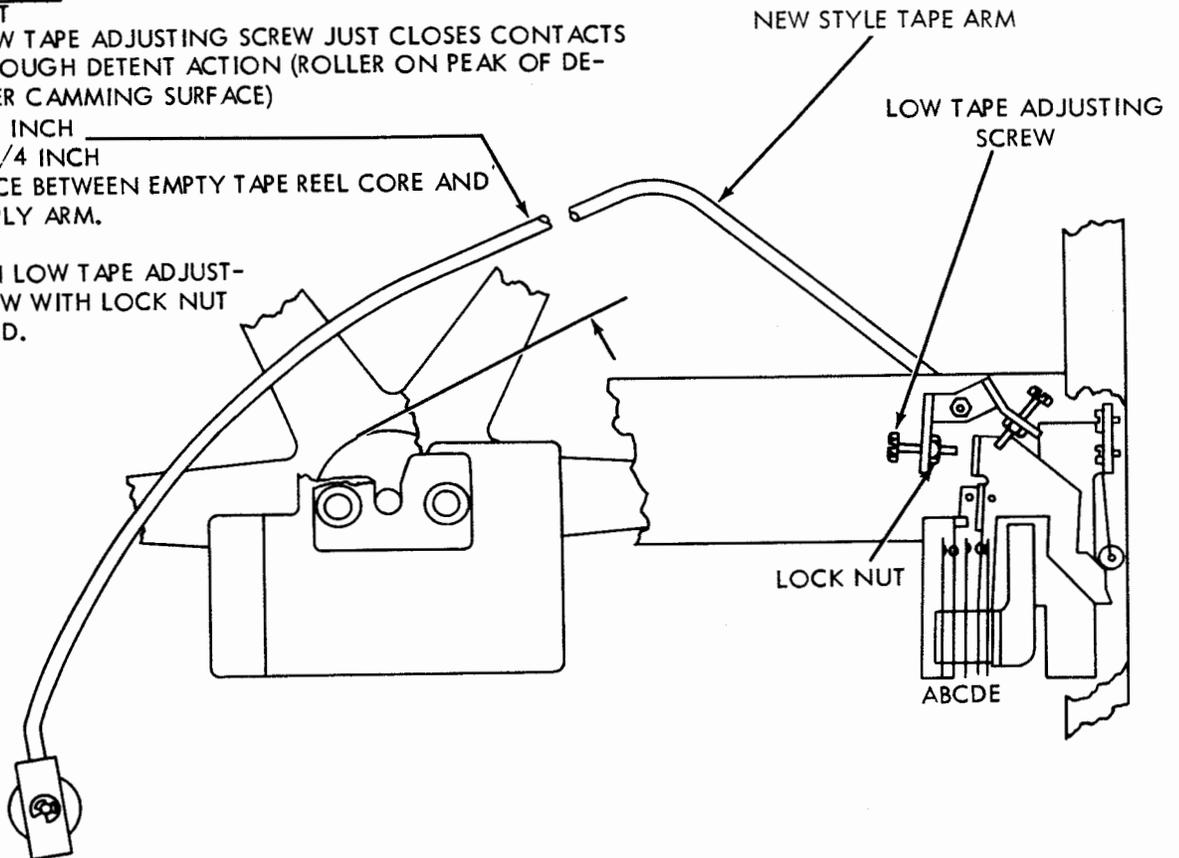


FIGURE 5