

INSTRUCTIONS FOR INSTALLING THE 194244 MODIFICATION
KIT TO PROVIDE AN IMPROVED TAPE SUPPLY ARM FOR HIGH
SPEED REPERFORATOR TRANSMITTER TAPE HANDLING STANDS
LTHS202 AND LTHS209

1. GENERAL

a. The 194244 Modification Kit provides an improved tape supply arm which eliminates erratic operation of the tight-tape alarm switch on LTHS202 and 209 Units.

b. The 194244 Kit consists of:

1	2191	Washer, Lock	1	194200	Bracket
1	3606	Nut	1	194201	Arm, Tape Supply
1	158719	Shaft	1	194426	Roller

c. For parts ordering information see Teletype Model 28 Parts Bulletin 1168B.

2. INSTALLATION

a. Remove the 158985 Tape Supply Arm as follows:

(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 as follows:

(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.

3. ADJUSTMENTS AND LUBRICATION

a. For standard adjustments and lubrication procedure of related equipment see Teletype Bulletin 248B.

b. Make the adjustments given on the attached figures.

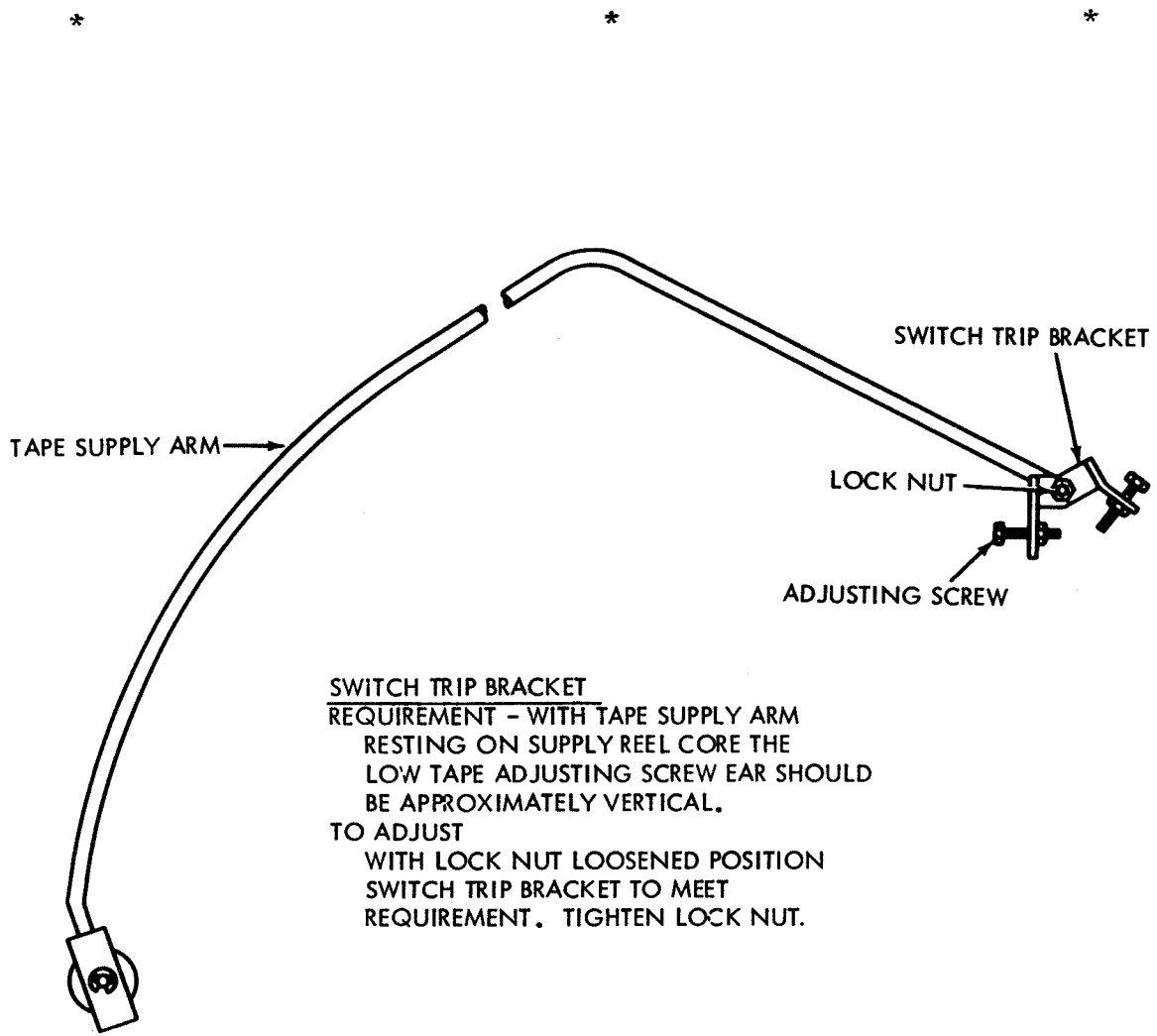


FIGURE 1.

LOW TAPE ALARM

REQUIREMENT

WHEN LOW TAPE ADJUSTING SCREW JUST CLOSES CONTACTS "D-E" THROUGH DETENT ACTION (ROLLER ON PEAK OF DETENT 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 ADJUSTING SCREW WITH LOCK NUT LOOSENED.

LOW TAPE ADJUSTING SCREW

LOCK NUT

ABCDE

TIGHT TAPE ALARM

REQUIREMENT

WHEN TIGHT TAPE ADJUSTING SCREW JUST CLOSES CONTACTS "A-B" AND "C-D" OF SWITCH

MIN. 2-1/4 INCHES

MAX. 2-1/2 INCHES

CLEARANCE BETWEEN EDGE OF TAPE REEL AND TAPE SUPPLY ARM.

TO ADJUST

POSITION TIGHT TAPE ADJUSTING SCREW WITH LOCK NUT LOOSENED.

TAPE SUPPLY ARM

TAPE SUPPLY REEL

TIGHT TAPE ADJUSTING SCREW

LOCK NUT

ABCDE

LOW TAPE ALARM AND TIGHT TAPE ALARM

FIGURE 2.

