

TP151898 AND TP5017 SPRINGS AND THE CHAD DEPRESSOR SPRING AND TAPE WINDER SWITCH REQUIREMENTS

APPARATUS AFFECTED: 1A and 2A Sender Cabinets (DATASPEED).

OBJECT: To increase the operating margins of the chad depressor spring and the tape winder switch spring and prevent the tape from occasionally being pulled through the tape reader tape lid by the take-up reel.

CHANGE: 1. (a) The TP74961 spring (chad depressor arm) has been replaced by a TP151898 spring.
(b) The TP74961 spring has about 22 turns of 0.029 inch wire and is about 1 inch (1.002) long.

The TP 151898 spring has about 20 turns of 0.031 inch wire and is about 1 inch (.988 ± .010) long.

(c) The "Chad Depressor Spring Requirement" of Section 592-800-700, issue 2, page 3, paragraph 2.03, chad depressor spring (2), and Section 592-805-700, page 3, paragraph 2.05, chad depressor spring, has been changed from:

Min. 16 ozs. — Max. 20 ozs.

to

Min. 18 ozs. — Max. 28 ozs.

to lift chad depressor shoe off post.

2. (a) The TP146517 spring (tape winder arm) has been replaced by a TP5017 spring.
(b) The TP146517 spring has about 51 turns of 0.022 inch wire and is about 1-43/64 inches (1.667 ± .031) long.

The TP5017 spring has about 70 turns of 0.020 inch wire and is about 1-3/4 inches (1.750) long.

(c) The "Winder Arm Spring Requirement" of Section 592-800-700, issue 2, page 6, paragraph 2.06, winder arm spring, and Section 592-805-700, page 6, paragraph 2.08, winder arm spring, has been changed from:

Min. 4 ozs. — Max. 7 ozs.

to

Min. 8 ozs. — Max. 14 ozs.

to move tape winder arm tip against depressor lever.

3. (a) The "Tape Winder Switch Requirement" of Section 592-800-700, issue 2, page 4, paragraph 2.04, tape winder switch (1), and Section 592-805-700, page 4, paragraph 2.06, tape winder switch (1), has been changed from:

Min. 5 inches — Max. 5-1/2 inches

to

winder motor starts when top post on winder arm is:

Min. 5-1/2 inches — Max. 6 inches

from chad depressor post.

SECTION 592-800-700.01

(b) A note has been added to the tape winder switch requirement (1) as follows:

NOTE: It may be necessary to refine the 5-1/2 to 6-inch adjustment requirement within required limits if the tape arm rises high enough when approaching a full roll of tape to pull tape from the tape reader. Check that the motor starts before the winder arm reaches within 1/4 inch of stopping on the winder arm cover.

Parts are shown in Teletype Bulletin 1176B, pages 4-6, change 2, and 4-8, change 2.

IDENTIFICATION: See "CHANGE".

INTERCHANGEABILITY: New and old style springs are interchangeable.

CLASSIFICATION FOR APPARATUS FURNISHED BY TELETYPE: The change is in effect.

W.E.CO. STOCK OF OLD STYLE PARTS: TP146517 spring should not be furnished. TP74961 spring may be furnished for other applications.

APPLICATION TO APPARATUS IN THE FIELD: Should be incorporated in all apparatus, and all units equipped with new style springs should have the new adjustment features applied.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: All units shall be equipped with the new style springs, and all units shall have the new adjustment features applied.

AVAILABILITY: New style springs are available.

TAPE BRAKE ARM ADJUSTMENT

APPARATUS AFFECTED: 1B Receiver Cabinet (DATASPEED), 1B and 2B Tape Receivers (DATASPEED), 11K Intercept Tape Receiver, TP149787 Modification Kit.

OBJECT: To provide additional travel of the tape brake arm and to specify a dimensional requirement for the inner diameter of the paper roll core.

CHANGE: (a) Section 592-800-700, issue 2, page 8, paragraph 2.08, tape brake arm (2).

The requirement has been changed from $4\frac{1}{2}$ inches
to

(2) Requirement

Clearance between tape arm roller and tape guide roller Min. $5\frac{1}{2}$ inches when tape arm is resting on full (3000 ft.) tape roll.

(b) Section 592-805-700, Page 8, paragraph 2.10, tape supply brake arm (without spring) (1).

The requirement has been changed from $4\frac{1}{2}$ inches
to

(1) Requirement

Clearance between tape arm roller and tape guide roller Min. $5\frac{1}{2}$ inches when tape arm is resting on (3000 ft.) tape roll.

(c) A note concerning the dimensional requirement (KS-8483) of $2\frac{+1}{-0}/16$ inches for the inner diameter of the paper roll core will be added to the tape supply brake arm (1) requirement as part of the adjustment feature.

CLASSIFICATION FOR APPARATUS FURNISHED BY TELETYPE: The new adjustment feature is in effect.

APPLICATION TO APPARATUS IN THE FIELD: All units should have the new adjustment feature applied.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: All units shall incorporate the new adjustment feature.

