

TP193825 BACKSPACE MAGNET ASSEMBLY

APPARATUS AFFECTED: 28A, 28B, 28D, 28E, 28F, 28G, 28G-1, 28H, 28J, 28J-1, 28K, 28LA Perforator-Transmitter-Bases.

OBJECT: To provide more reliable operation and simplify adjusting procedure.

REASON FOR REISSUE: To revise information under "CHANGE" which was incorrectly specified. TP119648 retainer is changed to read TP119649 retainer.

CHANGE: 1. The TP159966 backspace magnet assembly used in the backspace mechanism is replaced by the TP193825 backspace magnet assembly.

TP159966 Backspace Magnet Assembly

| | |
|-------------------------|---------------------------------|
| 1 — TP224M Coil, Magnet | 2 — TP151152 or TP151737 Screws |
| 2 — TP2034 Flat Washers | 1 — TP151442 Screw |
| 1 — TP2191 Lockwasher | 1 — TP152893 Screw |
| 1 — TP3599 Nut | 1 — TP159965 Arm |
| 4 — TP3640 Lockwashers | 1 — TP159973 Bracket |
| 2 — TP3650 Flat Washers | 1 — TP159974 Eccentric |
| 1 — TP70878 Spring | 1 — TP159975 Bail |
| 1 — TP110743 Lockwasher | 1 — TP159976 Armature |
| 1 — TP119648 Retainer | 1 — TP159977 Hinge |
| 2 — TP119649 Retainers | 1 — TP159978 Shaft |
| 2 — TP125215 Screws | 1 — TP159979 Arm |
| | 1 — TP159980 Post |

TP193825 Backspace Magnet Assembly

| | |
|-------------------------|--------------------------|
| 1 — TP224M Coil, Magnet | 1 — TP151152 Screw |
| 2 — TP2034 Flat Washers | 1 — TP151632 Screw |
| 1 — TP2191 Lockwasher | 2 — TP151737 Screws |
| 4 — TP3640 Lockwashers | 1 — TP158760 Spring Post |
| 2 — TP3650 Flat Washers | 1 — TP159976 Armature |
| 1 — TP55063 Spring | 1 — TP193804 Armature |
| 1 — TP119649 Retainer | 1 — TP193821 Bracket |
| 2 — TP125215 Screws | 1 — TP193822 Clamp |
| | 1 — TP193824 Latch |

2. Requirement is added to Section 573-119-700, Section 573-118-700 and Section 573-117-700, after the last adjustment for the backspace mechanism.

See FIGURE 1.

The parts are shown in Teletype Bulletins 1167B, page 2-28, change 6; 1169B, page 2-16, change 7, and page 3-32, change 6; 1172B, page 15, change 3; 1166B, page 2-19, change 6.

IDENTIFICATION: See "CHANGE".

SECTION 573-117-800.01

INTERCHANGEABILITY: New and old style assemblies are interchangeable.

CLASSIFICATION FOR APPARATUS FURNISHED BY TELETYPE: This change is now in effect. Replacement parts for old style assemblies will be available on sales orders.

W.E.CO. STOCK OF OLD STYLE PARTS: Old style parts may be furnished.

APPLICATION TO APPARATUS IN THE FIELD: Old style parts giving satisfactory service need not be replaced.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: Units may be equipped with new or old style parts.

MANUAL AND POWER DRIVE BACKSPACE MECHANISM
(LATEST DESIGN)

MAKE THE FOLLOWING STANDARD ADJUSTMENTS.

FOR CHADLESS TAPE

- (1) RAKE
- (2) FEED PAWL CLEARANCE
- (3) RETURN LATCH
- (4) FEED PAWL

FOR FULLY PERFORATED TAPE

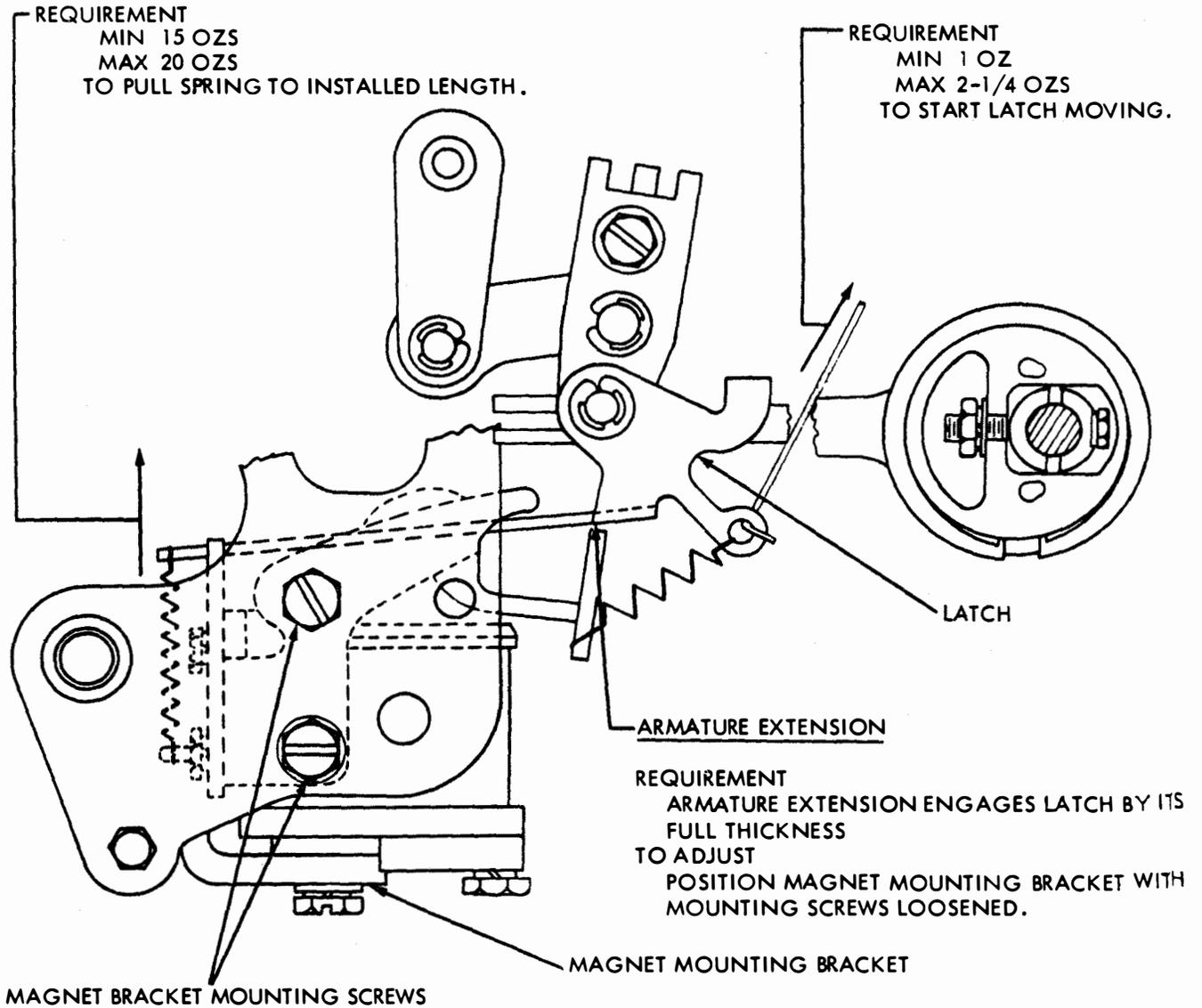
- (1) BACKSPACE RATCHET
- (2) BACKSPACE PAWL CLEARANCE
- (3) FEED PAWL DISABLING

ARMATURE SPRING

REQUIREMENT
MIN 15 OZS
MAX 20 OZS
TO PULL SPRING TO INSTALLED LENGTH.

LATCH EXTENSION SPRING

REQUIREMENT
MIN 1 OZ
MAX 2-1/4 OZS
TO START LATCH MOVING.



REQUIREMENT
ARMATURE EXTENSION ENGAGES LATCH BY ITS
FULL THICKNESS
TO ADJUST
POSITION MAGNET MOUNTING BRACKET WITH
MOUNTING SCREWS LOOSENED.

FINAL POWER OR MANUAL (FOR CHADLESS TAPE)
SAME AS STANDARD ADJUSTMENT

FIGURE 1. MANUAL AND POWER DRIVE BACKSPACE MECHANISM
FOR CHADLESS OR FULLY PERFORATED
TAPE (LATEST DESIGN)