

TP95477 PLATEN BLOCK AND TP95474 PLATEN SHAFT

APPARATUS AFFECTED: All 14 type typing reperforator units.

CHANGE: The TP95477 platen block heretofore provided with a 1/4" hole drilled to the platen shaft and furnished with a brass insert below the platen is now furnished with the hole for the platen drilled to a depth of about 1/4" to accommodate the platen without using the brass insert.

The TP95474 platen shaft heat treatment is being omitted since it is not required with the new style platen blocks.

INTERCHANGEABILITY: The two new style parts as a pair are interchangeable with corresponding old style parts.

W.E.CO. STOCK OF OLD PARTS: May be used up.

APPLICATION TO NEW APPARATUS: This change is now in effect.

APPLICATION TO EXISTING APPARATUS: There is no advantage in replacing old style parts with new style parts.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: Old style parts may be used for necessary replacement until stocks of such parts are exhausted.

IDENTIFICATION: In the new style block the platen hole is approximately 1/4" deep instead of being drilled through to the platen shaft.

REASON FOR CHANGE: To facilitate manufacture.

REASON FOR REISSUE: To correct a dimensional error in the depth of the platen hole formerly given as 1/2".

TP1222 $\frac{1}{4}$ STRIP

APPARATUS AFFECTED: XRT 200 and XRT 201 metal tables.

CHANGE: A TP1222 $\frac{1}{4}$ strip is available on order as an accessory, and is designed to mount on the front vertical portion of the shelf by means of two self-tapping TP115593 screws. This strip provides a wall one inch high at the front of the table shelf.

INTERCHANGEABILITY: New part.

W.E.CO. STOCK OF OLD PARTS: None.

APPLICATION TO NEW APPARATUS: The TP1222 $\frac{1}{4}$ strip is not furnished as part of XRT 200 and 201 tables but may be ordered where required.

APPLICATION TO EXISTING APPARATUS: Where desired the TP1222 $\frac{1}{4}$ strip may be applied to tables not already so equipped.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: The TP1222 $\frac{1}{4}$ strip will be applied to tables only when this is requested. The TP1222 $\frac{1}{4}$ strip need not be removed from tables already so equipped.

IDENTIFICATION: The strip measures 2- $\frac{1}{4}$ " by 13".

REASON FOR CHANGE: To provide a retainer at the front edge of the shelf to effectively keep the rectifier in place.

TP84584 RELEASE PULL BAR ASSEMBLY

TP83969 SET OF PARTS FOR POSITIVE SHIFT

APPARATUS AFFECTED: All 14 type typing units equipped with the TP84584 release pull bar assembly (to provide space on figures shift) and the TP83969 set of parts for providing positive carriage shift.

CHANGE: The TP84584 release pull bar has been redesigned to avoid interference between the lower end of the pull bar and the TP83969 set of parts and to facilitate meeting the adjustment requirements for the TP83969 set of parts.

CHANGE IN ADJUSTMENTS: For machines equipped with the positive shift mechanism and the space on figures shift feature the adjustments given in Paragraphs 3.24 and 3.25 of B.S.P. Section P35.610, Issue 4 should be replaced by the following:

3.24A Shift Plate Adjustment

- (1) Select "Figures" combination and rotate the motor until the main bail is in its uppermost position. With the figures locking pawl held against the projection on the shift plate there should be from .010" to .020" clearance between the locking surface of the locking pawl and the vertical surface of the carriage shift plate.
- (2) With the carriage shift plate eccentric rotated so that it will not interfere with the shift lock lever and with the carriage in the "Letters" position, select "Figures" combination and rotate the motor shaft until the shift lock lever just disengages the carriage locking toe. In this position, the figures locking pawl should rest against the upper surface of the carriage shift plate extension and there should be from .020" to .040" clearance between the lower surface of the figures pull bar and the top surface of the rear portion of the figures locking pawl at the closest point. When checking for this clearance take up the play between the carriage frame and the front bracket guide post to make the clearance a minimum.
- (3) To adjust, loosen the two screws which attach the carriage locking toe and the shift plate to the carriage. With the play in the plate taken up in the upward direction, shift the plate toward the front or rear to meet requirement (1), position the plate vertically for requirement (2). Tighten the two screws, reposition the tape guide and tighten the shoulder screw locknut. Recheck the carriage locking toe adjustment.

3.25A Shift Plate Eccentric Adjustment

With the carriage in the "Letters" position select the "Figures" combination and rotate the motor until the shift lock lever just disengages from the carriage locking toe. There should be from

TP93167 & TP93168 RIBBON REVERSE LEVERS

APPARATUS AFFECTED: All 15 type typing units.

CHANGE: The TP93167 and TP93168 ribbon reverse levers are now made without the bent over projection at the upper end of the rear prongs. The height of the front prong is reduced to .750" and the height of the rear prong is reduced to .875". The thickness of the material is increased from .050" to .065".

INTERCHANGEABILITY: New and old style parts are interchangeable.

W.E.CO. STOCK OF OLD PARTS: May be used up.

APPLICATION TO NEW APPARATUS: This change is now in effect.

APPLICATION TO EXISTING APPARATUS: If the old style ribbon reverse levers are removed for any reason it may be desirable to replace them by the new style levers.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: Old style parts may be used until stocks are exhausted, as required in Paragraph 10.52 of Addendum to Section D456.117.

IDENTIFICATION: New style parts may be identified by the omission of the bent over projection at the upper end of the rear prongs and by the increase in thickness.

REASON FOR CHANGE: To facilitate installing ink ribbons by teletypewriter attendants.

TP119540 KEYED NUT AND TP119541 CAPSTAN NUT
(For selector mechanism)

APPARATUS: All 14, 15, 20 & 26 Type Typing Units, 14 type non-typing selectors, 14 type typing reperforator units, 14 type reperforator transmitter units, 14 and 20 type reperforator units, 1 type regenerator unit and sequential selector units.

CHANGE: The TP119540 keyed nut and TP119541 capstan nut supersede the TP72517 keyed nut and TP72515 nut. (See Teletype Catalog Correction Sheet EE-687).

INTERCHANGEABILITY: New and old style nuts are not individually interchangeable but are interchangeable in pairs.

W.E.CO. STOCK OF OLD PARTS: Shall not be used.

APPLICATION TO NEW APPARATUS: This change is now in effect.

APPLICATION TO EXISTING APPARATUS: Where desired the new style parts may be applied on a routine basis.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: New style parts shall be used for necessary replacements or in cases where the main shaft is dismantled for other reasons.

IDENTIFICATION: New style may be identified by the capstan nut illustrated in Teletype Catalog Correction Sheet EE-687.

REASON FOR CHANGE: To facilitate maintenance by providing a means for easily adjusting the selector clutch torque.

TP71696, TP83546, TP86154, TP90086 AND TP90775 RANGE SCALES

APPARATUS AFFECTED: All 14, 15 and 20-type teletypewriter apparatus having receiving selectors, all 1-type regenerator units, all sequential selectors (1-type sotus units) and all range scale assemblies.

CHANGE: The .188" (3/16") mounting hole in the range scale is being increased to .250" (1/4") and a TP119629 positioning link is being provided, mounted by a TP1050 screw, TP2191 lockwasher and TP7002 washer in such a position that the .188" (3/16") hole of the link lies within the circumference of the .250" (1/4") hole of the range scale. (See Teletype Catalog Correction Sheet EE-696.)

CHANGE IN ADJUSTMENTS: For machines having the range scale equipped with the TP119629 positioning link the following adjustment should be added to Paragraph 3.24 of B.S.P. Section P32.001, Issue 1:

3.24 The STOP LEVER shall overtravel the trip latch at least half but not more than the width of the stop lever with the selector magnet armature in the spacing position and the selector cam sleeve rotated until the stop arm moves the stop lever to its maximum travel beyond the step of the trip latch. This should be checked with the range indicator in turn set at 0, 60 and 120 on the range scale.

- (a) "To adjust, loosen the range scale assembly mounting screw and the positioning link mounting screw just enough to make them friction tight. Position the range scale assembly and positioning link so that the overtravel of the stop lever is within the specified limits. Tighten the mounting screws and the positioning link screw."

INTERCHANGEABILITY: New and old style range scales and range scale assemblies are interchangeable.

W.E.CO. STOCK OF OLD PARTS: Will no longer be furnished when the new style parts become available.

APPLICATION TO NEW APPARATUS: This change is now in effect.

APPLICATION TO EXISTING APPARATUS: When they become available the new parts should be used if difficulty is experienced in obtaining good adjustment with the old style parts.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: New style range scales shall be used when proper adjustments cannot be obtained with the old style parts.

NOTE: Old style range scales may be converted to a new style (1) by enlarging the .188" (3/16") hole to .250" (1/4") (2) by providing a #6-40 tapped hole in the plate, the center of this hold being .317" (5/16")

TP122058 GLASS PANEL
(For tape storage box)

APPARATUS AFFECTED: 100C, D, E & F teletypewriter apparatus cabinets used in 81-type switching systems.

CHANGE: The TP122058 glass panel supersedes the TP102577 glass panel of the TP102566 tape storage box in the above teletypewriter apparatus cabinets.

INTERCHANGEABILITY: New and old style parts are interchangeable.

W.E.CO. STOCK OF OLD PARTS: Old style parts will no longer be furnished on orders.

APPLICATION TO NEW APPARATUS: This change is now in effect.

APPLICATION TO EXISTING APPARATUS: Old style glass panels which give good visibility of tape in the rear compartment need not be replaced.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: Glass panels which permit easily distinguishing the tape behind the panel may be re-used.

IDENTIFICATION: The new style panel is made of laminated glass instead of solid glass and has a lighter shade of color, red-amber instead of cherry.

REASON FOR CHANGE: To improve visibility of tape in the rear compartment of the tape storage box.

TP91832 AND TP117313 PAPER SPINDLES

APPARATUS AFFECTED: All 15 and 20 type teletypewriter typing units.

CHANGE: The bearing surface and the adjacent hexagonal portion of the TP117317 spindle bearing used in the above spindles is now made smooth and polished. The length of the bearing portion is also increased from $7/16$ " to $17/32$ ".

INTERCHANGEABILITY: New and old style parts are interchangeable.

W.E.CO. STOCK OF OLD PARTS: Will not be used.

APPLICATION TO NEW APPARATUS: This change is now in effect.

APPLICATION TO EXISTING APPARATUS: It is desirable to replace rough spindle bearings on typing units with aluminum side frames to avoid undesirable wear.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: New style parts shall be used in all repaired units having aluminum side frames.

IDENTIFICATION: New style paper spindles may be identified by the absence of tool marks or roughness on the bearing surfaces.

REASON FOR CHANGE: To reduce wear of the typing unit side frames caused by rough spindle bearings.

TP115114 AND TP115116 BRACKETS, TP115122 FELT WASHER

APPARATUS AFFECTED: BS3C sequential selectors.

CHANGE: 1. The TP115114 and TP115116 brackets for mounting the blocking and latching lever assembly are being heat treated to harden the threaded portion for the mounting screws.

2. TP115122 felt washers are being applied to the clutch trip shaft inside each of the sixth vane bell cranks to provide better lubrication at this point.

INTERCHANGEABILITY: New and old style brackets are interchangeable. Felt washers are new parts.

W.E.CO. STOCK OF OLD PARTS: None.

APPLICATION TO NEW APPARATUS: These changes are now in effect.

APPLICATION TO EXISTING APPARATUS: If old style brackets are removed for any reason it is desirable to replace them by the new style parts when they become available. If the clutch trip shaft is removed for any reason TP115122 felt washers should be applied on units not already so equipped.

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

IDENTIFICATION: There is no means for readily identifying the new style brackets. However, such parts may be tested by trying to knick the edge with a file.

REASON FOR CHANGE: 1. To reduce liability of stripping the threads in the brackets for the blocking and latching lever assembly mounting screws.

2. To provide better lubrication for the sixth vane bell cranks.

TP115408 CONTACT PLUNGER

APPARATUS AFFECTED: BS3C sequential selector (#1 type Sotus).

CHANGE: The TP115408 contact plunger is now being made of a better grade of bakelite, Spauldite XXX-618, and is held to a straightness tolerance of .005". The diameter tolerance is now being held to +.003"-.005" instead of +.005".

INTERCHANGEABILITY: New and old style parts are interchangeable.

W.E.CO. STOCK OF OLD PARTS: None.

APPLICATION TO NEW APPARATUS: This change is now in effect.

APPLICATION TO EXISTING APPARATUS: Old style parts that are giving satisfactory service need not be replaced.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: Old style parts when defective shall be replaced by new style parts.

IDENTIFICATION: The only means of identification is to check for conformity to straightness tolerance.

REASON FOR CHANGE: To provide contact plungers that are less liable to become distorted.

TP122276 BLOCKING LEVER ASSEMBLY

APPARATUS AFFECTED: BS3C sequential selector.

CHANGE: The one-piece TP115219 blocking lever is being superseded by a two-piece TP122276 blocking lever assembly consisting of the following parts:

1 - TP122277 bracket	1 - TP3599 nut
1 - TP122278 clutch blocking lever	1 - TP1200 screw, 6-40
1 - TP1174 shoulder screw, 4-40	1 - TP2191 lockwasher
1 - TP3640 lockwasher	1 - TP7002 washer

INTERCHANGEABILITY: New and old style assemblies are interchangeable.
Component parts are not interchangeable.

W.E.CO. STOCK OF OLD PARTS: May be used.

APPLICATION TO NEW APPARATUS: This change is being incorporated as soon as stock and manufacturing conditions permit.

APPLICATION TO EXISTING APPARATUS: When they become available, new style parts may be applied when old style parts are removed for any reason.

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

IDENTIFICATION: New style parts may be identified by the two-piece construction.

REASON FOR CHANGE: To facilitate adjustment of the main shaft clutch without disturbing the stripper bail.