28-TYPE TELETYPETRITER
TYPING UNIT, MOTOR UNIT AND BASE
WIRING DIAGRAM

1. GENERAL

1.001 This addendum supplements Section P34.301, Issue 8.
1.002 This addendum is issued to add the wiring for the
(a) 28AG and 28AH typing units, (b) 28G motor unit
and (c) 28K and 28L bases. The 28K base is for use in the wall-
mounted sets and the 28L base is for 28RO teletypewriters.
NOTES.
1. LEADS NOT IDENTIFIED ARE RM STRAPPING WIRES, RM TUBING.

28AB, 28AD, 28AG and 28AH Typing Units
28A, 28C AND 28G MOTOR UNITS

28B AND 28D MOTOR UNITS

28E MOTOR UNIT

NOTES.
1. A TP91228 GROUND STRAP IS CONNECTED BETWEEN THE MOTOR FRAME AND A MOTOR MOUNTING SCREW
2. THE 28E MOTOR UNIT OPERATES ON 48V DC.
28K Teletypewriter Base
28L Teletypewriter Base
1. GENERAL

1.01 This section shows the wiring diagram of the 28-type typing units, motor units and teletypewriter bases.

1.02 This section is reissued to add the wiring of the 28J, 28J-1, 28U, 28W, 28AB, 28AC, 28LF typing units, and the 28H and 28H-1 teletypewriter bases. The drawing showing the wiring of the 28L, 28S and 28T typing units has been reissued to add horizontal tabulation contacts, vertical tabulation and form feed-out contacts. Note 2 has been added to the drawing showing the wiring of the 28LB, 28LC, 28LD, 28LE and 28LF typing units.
28A, 28A-I, 28B, 28C, 28D TYPING UNITS

28A-2 AND 28B-2 TYPING UNITS
MODIFICATION OF WIRING OF 28B, C, D E TTY CABINETS
USING PARTS FURNISHED WITH 28E, F, & G TYPING UNITS

28E, F & G TYPING UNITS

28-TYPE TELETYPETRTER
TYING UNIT,
STATE MOTOR UNIT
AND BASE
WIRING
DIAGRAM
MODIFICATION OF WIRING OF 26 TTY CABINET USING PARTS FURNISHED WITH 28E, F & G TYPING UNITS

AUGUST 1955 PRODUCTION

28E, F & G TYPING UNITS
WIRING FOR UNITS AUGUST 1955 PRODUCTION

Typing Units

28-TYPE TELETYPewriter
Typing Unit,
Motor Unit
AND Base

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Wiring
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Diagram
FIG. 2

Typing Units
NOTES:

1. * BOTH CONTACTS OF A PAIR OPERATE FROM THE FUNCTION LEVER IN THE HIGHER NUMBER SLOT.

2. DOTTED CONTACTS ARE OPTIONAL AND ARE PROVIDED WHEN SPECIFIED. WIRING IS RUN FOR ALL OPTIONAL FEATURES.

3. THESE LEADS NOT REQUIRED ON 28N-1 OR 28N-2 TYPING UNITS. THEY ARE TO BE TAPPED AND TIED BACK TO CABLE. OMIT STRAP BETWEEN CONTACTS 32 AND 34.

4. TD HORIZONTAL TABULATION CONTROL CONTACTS ARE PART OF 28N, 28N-1, AND 28N-2 TYPING UNITS ONLY. ON 28M, 28M-1, AND 28M-2 THE WHITE WIRE CONNECTED TO ONE SIDE OF THESE CONTACTS IS CONNECTED TO TERMINAL 13 ON THE (P2) CONNECTOR.

5. TD VERTICAL TABULATION CONTROL CONTACTS AND FORM FEED OUT CONTACTS WITH ASSOCIATED WIRING ON STUNT BOX (41 AND 42) ARE PART OF 28M, 28M-1, 28M-2, 28N, 28N-1, AND 28N-2 TYPING UNITS ONLY.

28H, 28H-1, 28H-2, 28M, 28M-1, 28M-2, 28N, 28N-1, 28N-2 Typing Units
(P2) CONNECTOR PLUG (LEFT)

CONNECTOR PLUG (RIGHT)

SPARE

(A) SELECTOR MAGNETS

NOTES:
1. LEADS NOT IDENTIFIED ARE RM STRAPPING WIRES, RM TUBING.

28J and 28J-1 Typing Units
NOTES:
1. LEADS NOT IDENTIFIED ARE RM STRAPPING WIRES, RM TUBING.

28U Typing Unit

28-TYPE TELETYPETEWRITER
Typing Unit,
Motor Unit
And Base
Wiring
Diagram
(P2) CONNECTOR PLUG (LEFT)

(B) STUNT BOX

(P4) CONNECTOR PLUG (RIGHT)

(A) SEPARATOR MAGNETS

NOTES:
Leads not identified are RM Strapping wires, RM Tubing.

28W Typing Unit
NOTES:
L LEADS NOT IDENTIFIED ARE RM STRAPPING WIRES, RM TUBING.

28AB and 28AD Typing Units

28-TYPE TELETYPewriter
TYING UNIT,
MOTOR UNIT
AND BASE
WIRING
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DIAGRAM
NOTES:
1. LEADS NOT IDENTIFIED ARE RM STRAPPING WIRE, RM TUBING.
2. CONTACT ARM LIFTED BY FUNCTION LEVER
   - FRONT-MAKE
   - CONTACT ARM
   - REAR-BREAK
   TP157899
   CONTACT ARM
3. CONTACT ARM LOWERED BY FUNCTION LEVER
   - FRONT-BREAK
   - CONTACT ARM
   - REAR-MAKE
   TP157899
   CONTACT ARM

28AC Typing Unit
28LA Typing Unit

NOTES:
1. LEADS NOT IDENTIFIED ARE RM STRAPPING WIRES, RM TUBING.

28-TYPE TELETYPewriter
Typing Unit,
Motor Unit
And Base
Wiring
Diagram
28A AND 28C MOTOR UNITS

28B AND 28D MOTOR UNITS

28E MOTOR UNIT

NOTES:
1. A TP9/228 GROUND STRAP IS CONNECTED BETWEEN THE MOTOR FRAME AND A MOTOR MOUNTING SCREW
2. THE 28E MOTOR UNIT OPERATES ON 48V DC.

28-TYPE TELETYPETRITER
TYPING UNIT,
MOTOR UNIT
AND BASE
WIRING
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DIAOGRAM
28A TTY BASE

28B AND 28B-I TTY BASES
28C, 28C-1, 28D Teletypewriter Bases
28H-1 Teletypewriter Base
28J Teletypewriter Base