

GB416/GB416A

INSTALLATION INSTRUCTIONS

Installation Instructions

1. The GB416 Applique unit is arranged to mount on the right hand side of the telephone set. It should be located as shown in fig. 1 or to the best suitable position for job application.

It is not necessary to remove the applique cover from its base for installation.

2. Remove telephone housing from tel set base plate.
3. Install clip mounting brackets to Applique base with (2) machine screws. (Fig. 2) The Applique Unit is temporarily mounted upside down to properly position the clip mounting brackets and to allow for set screws to be tightened with wrench provided.
4. Remove (2) machine screws from applique base and re-install unit in upright position using lockwashers, do not tighten screws at this time. (Fig. 3)
5. Neatly insert ribbon wire into tel set. Wire Applique Unit to tel set per wiring diagrams provided. Refer to telephone part number for correct diagram noting amplified (GB416A) or non-amplified (GB416) Applique Unit.

After all connections are completed, store or secure extra wire with cable tie provided. (Fig. 4)

Note: When splicing three spaded terminals together, with splicers provided, it may require additional pressure to close unit.

6. Re-install telephone set housing taking care not to strain or pinch ribbon wire harness.

Make final adjustment by positioning Applique Unit next to telephone housing and tighten screws.

Note: Re-alignment may be required on some tel set applications which have angled base flanges. This is easily corrected by bending the unit to a 90° position. (Fig. 5)

7. Headset Operation

- a. Plug headset into jacks in Applique Unit. By rotating key knob you can select headset or handset use. Refer to graphic indicators on housing. When the selector knob is in headset position, the handset and hookswitch are disabled.
- b. To place a call, turn the selector knob to headset.
- c. To receive or terminate a call, turn the selector knob back to handset. (This disconnects the line.) To flash the operator, momentarily depress and release the selector knob.

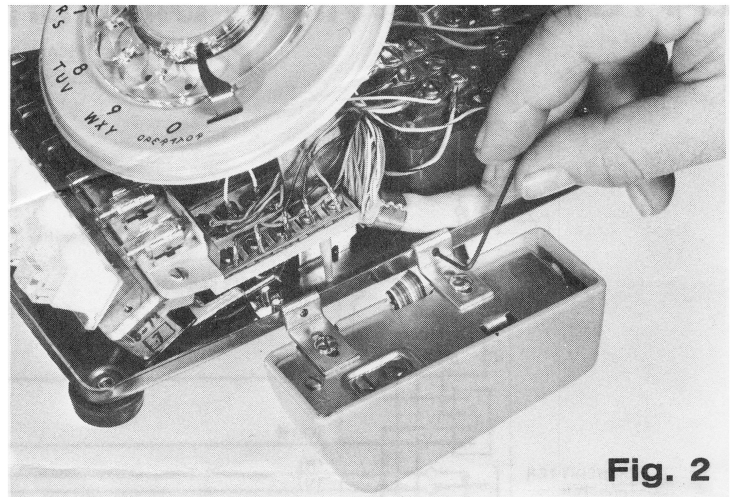


Fig. 2

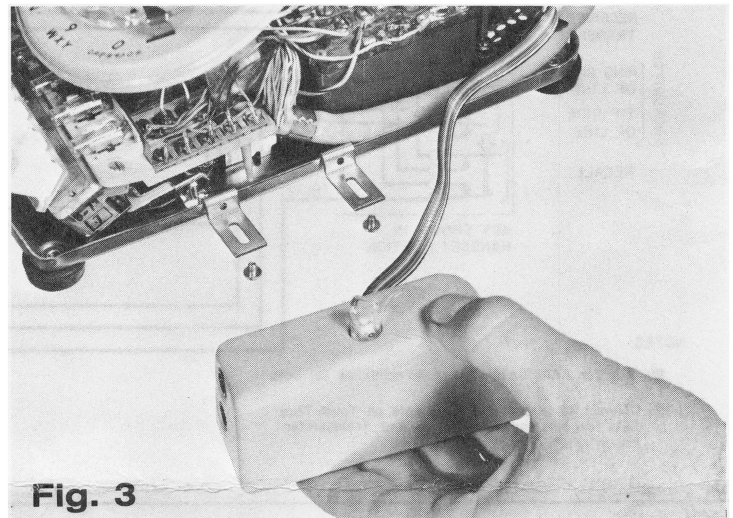


Fig. 3

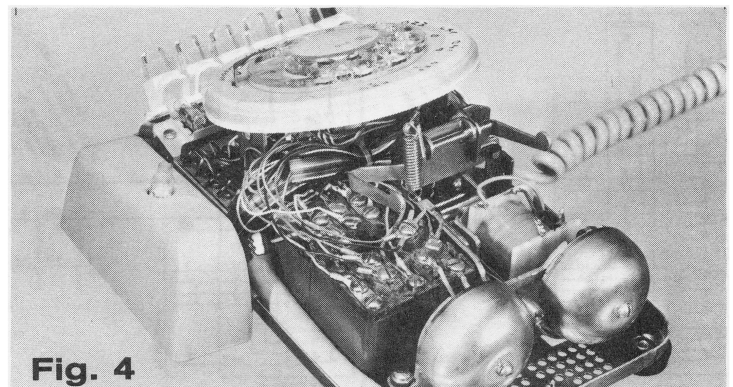


Fig. 4

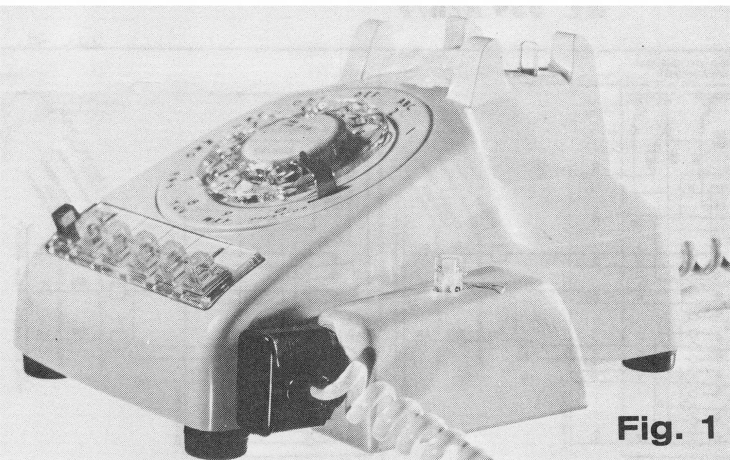


Fig. 1

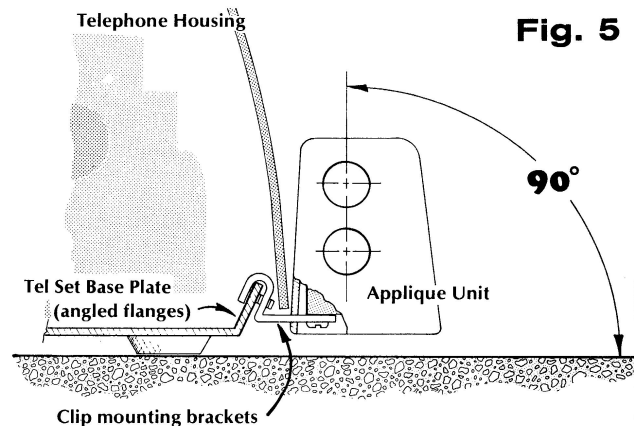
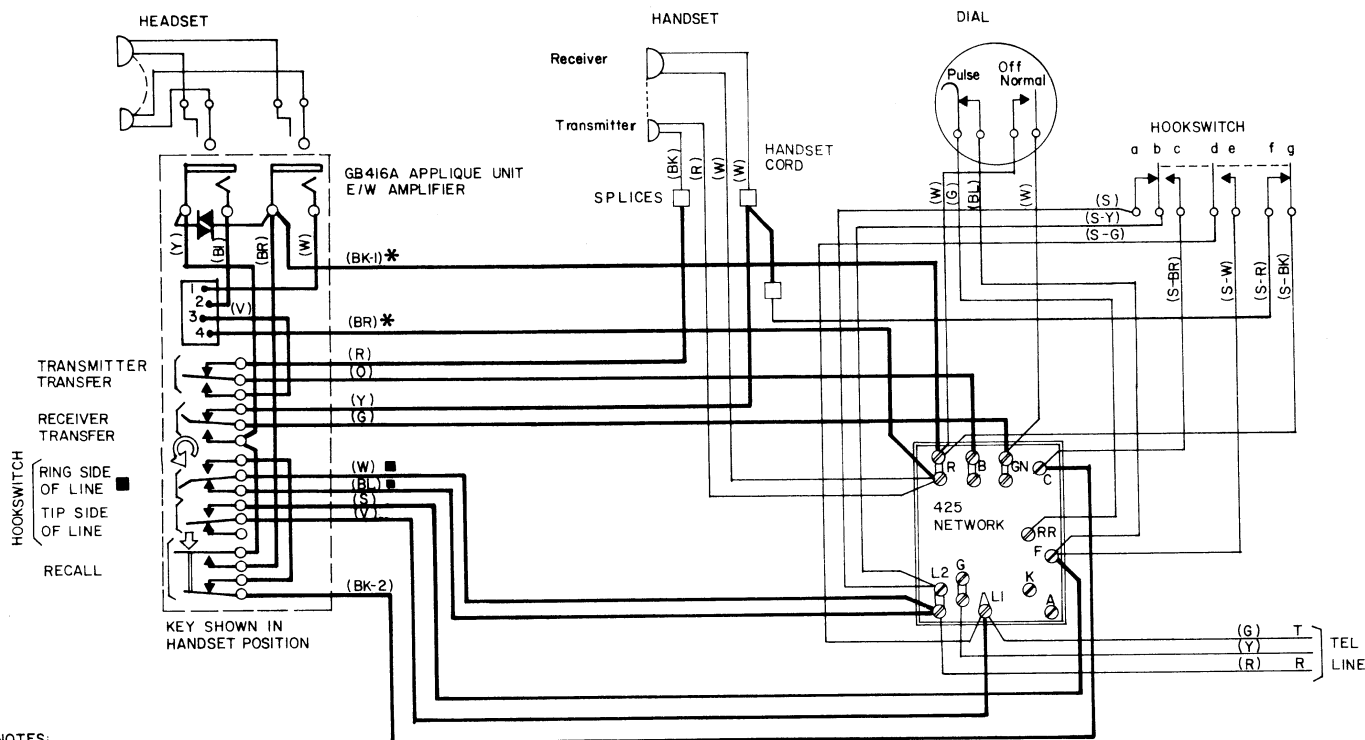


Fig. 5

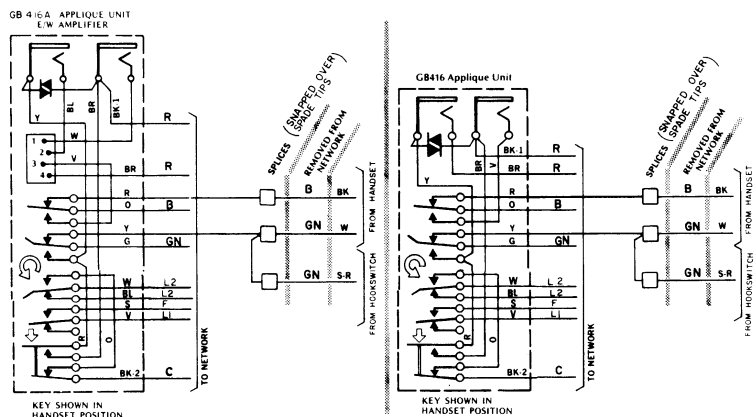
TYPICAL WIRING DIAGRAM - GB416A APPLIQUE
CONNECTED TO 500 TYPE TEL SETS



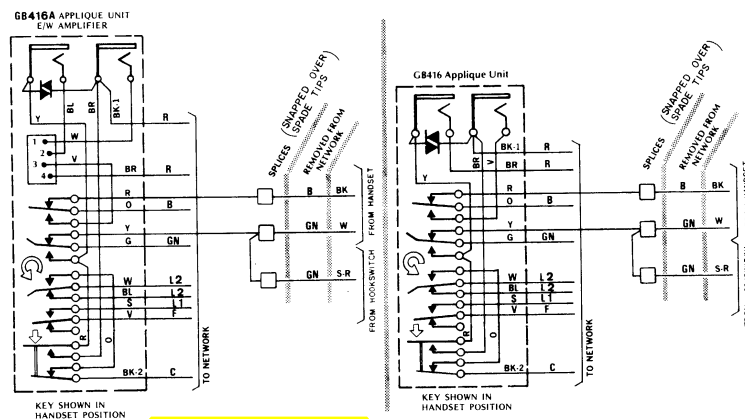
NOTES:

■ Used for A/AI Lead Control on multi-line Tel Sets

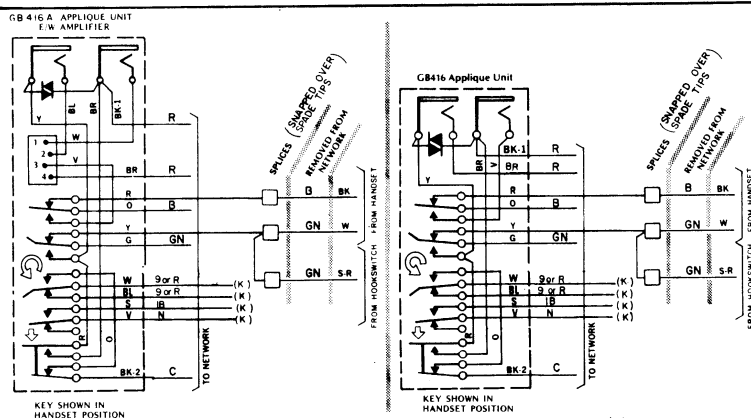
* Connect to proper dial tie points on Touch Tone Sets for side tone attenuation and transmitter break circuit.



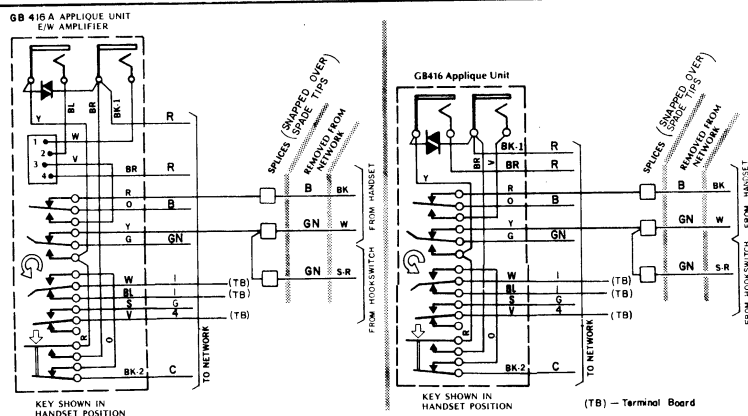
W.E., N.E., ITT SC Type 500 / 510 / 554



WE 554 A/B/F



W.E., N.E., ITT, 564/565



W.E. 630 BW/631 BW CALL DIRECTOR



(TB) - Terminal Board



(TB)—Terminal Board



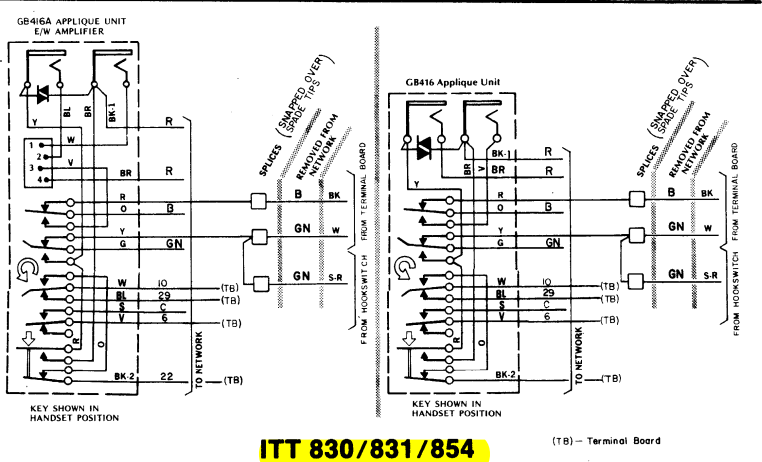
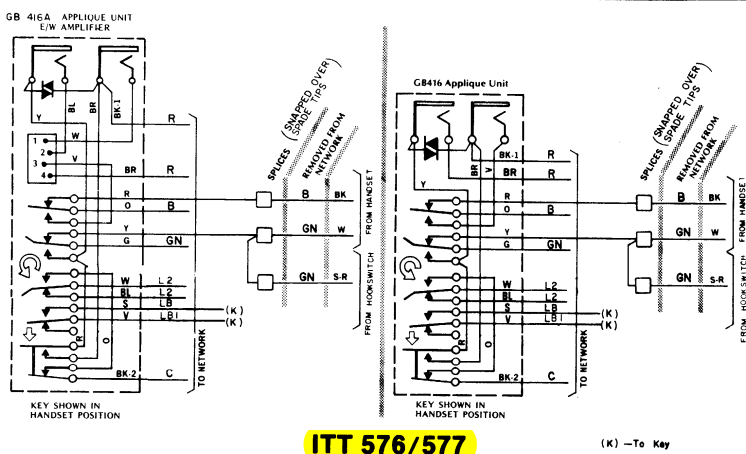
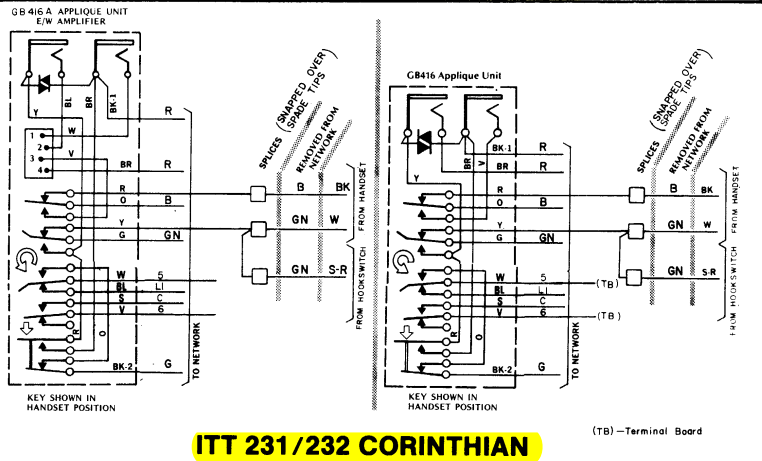
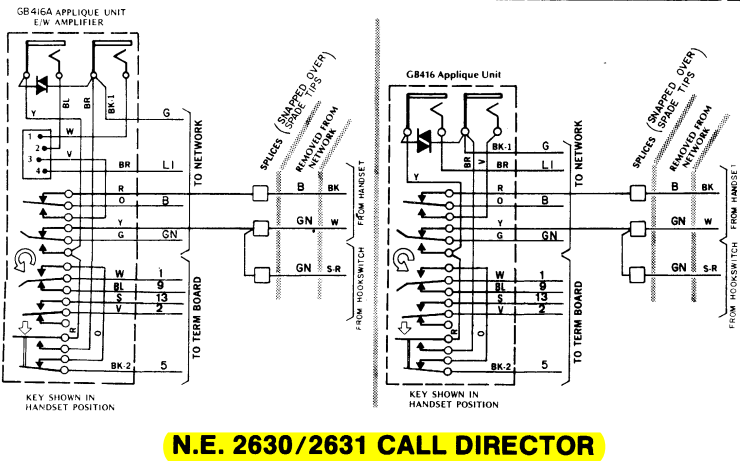
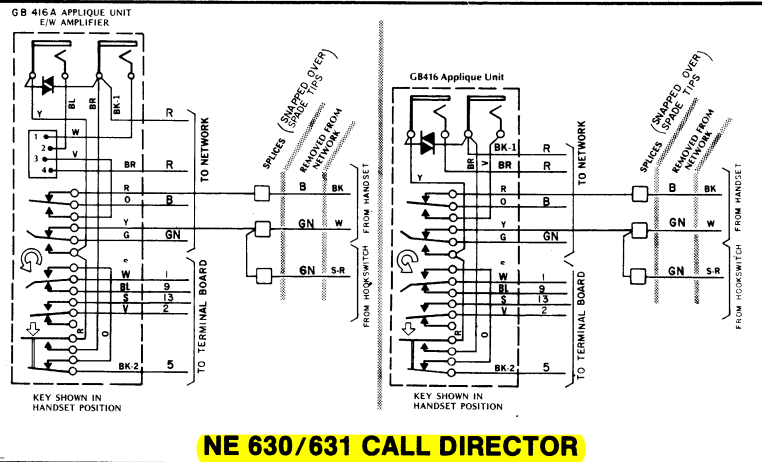
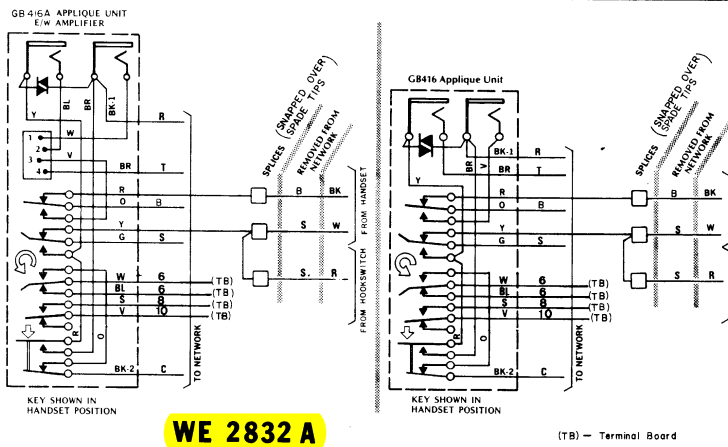
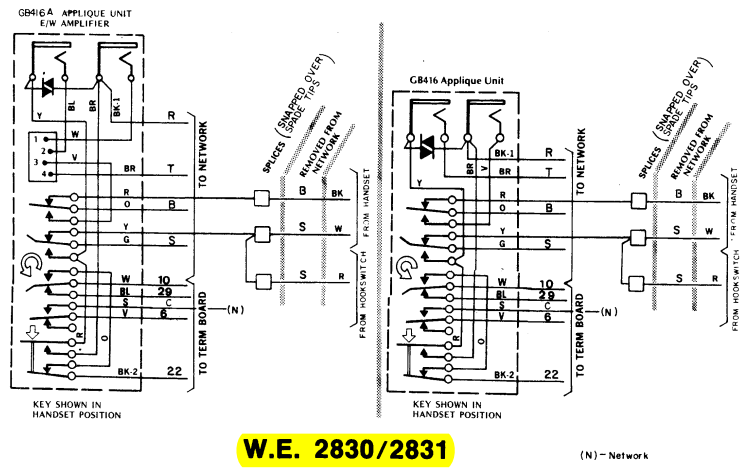
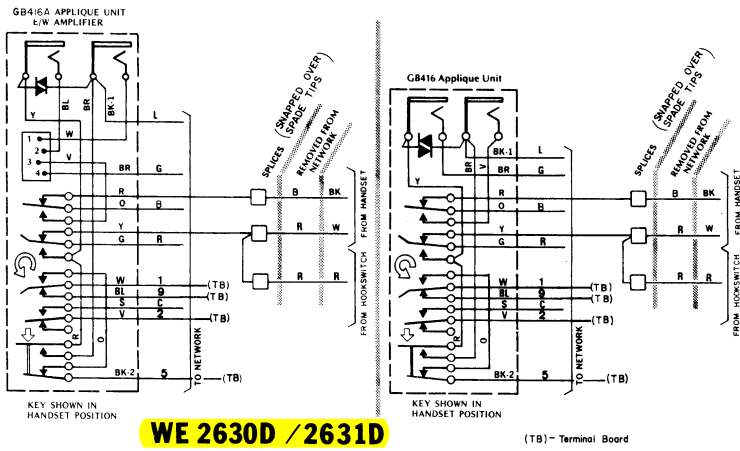
(TH) Terminal Board



(TB) — Terminal Board

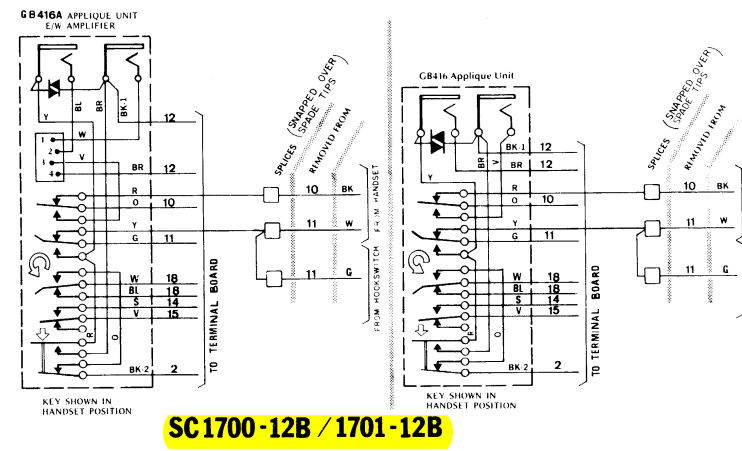
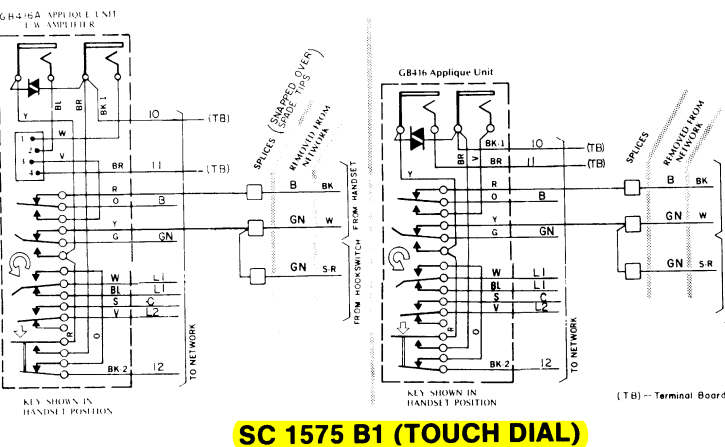
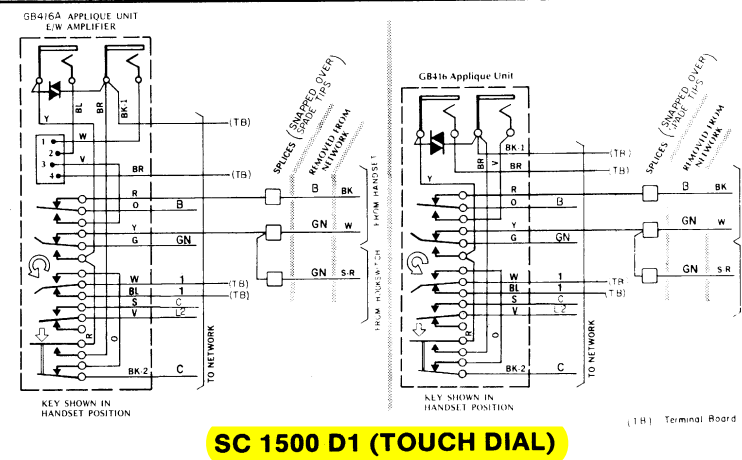
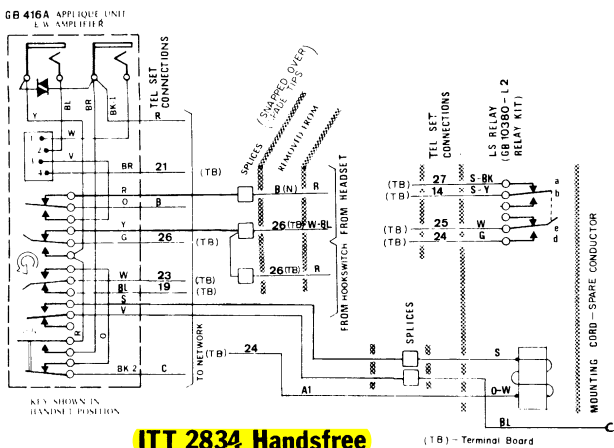
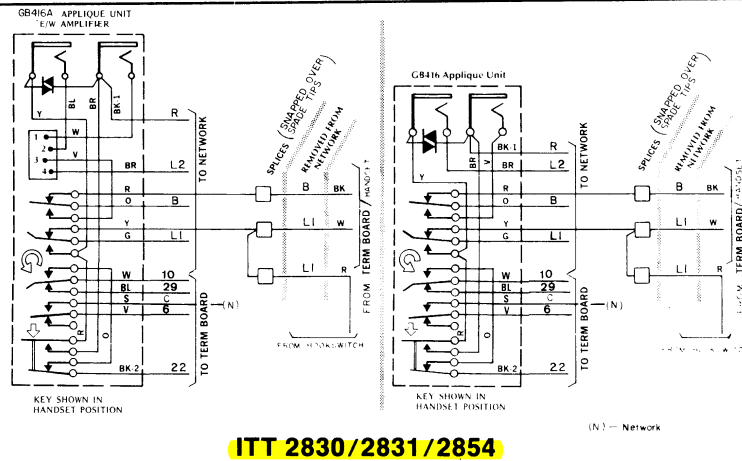
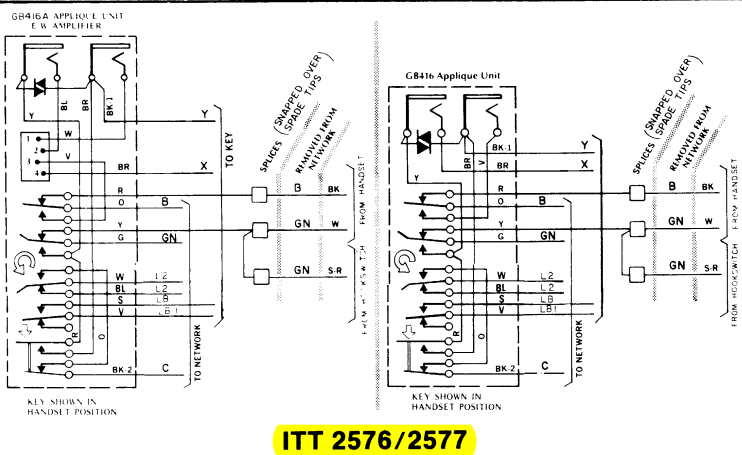
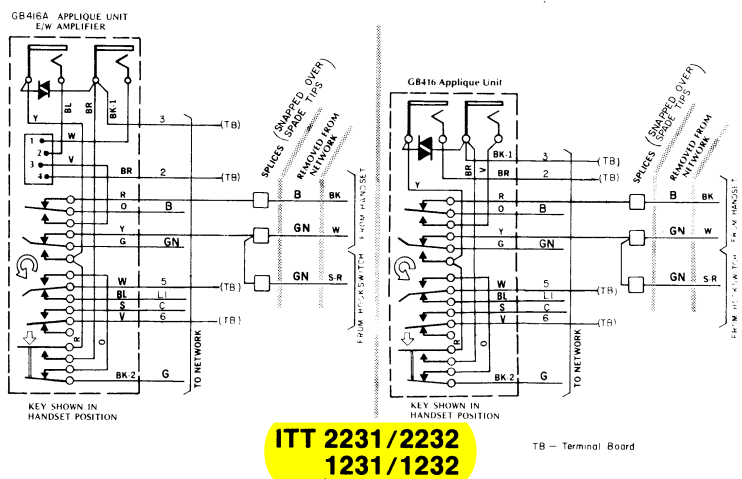
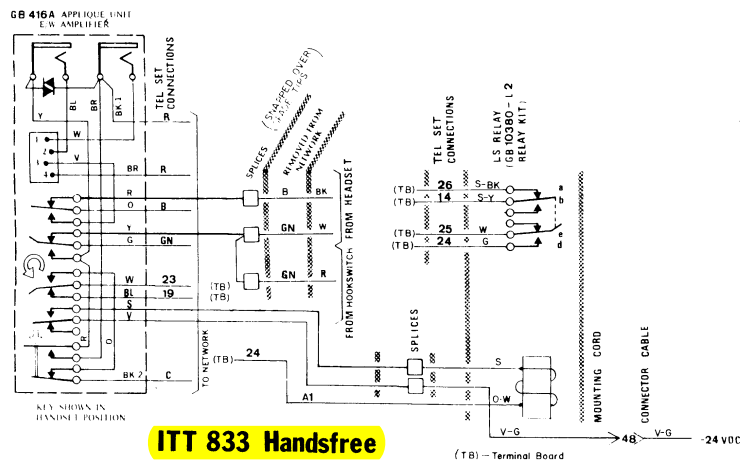


(TB) — Terminal Board

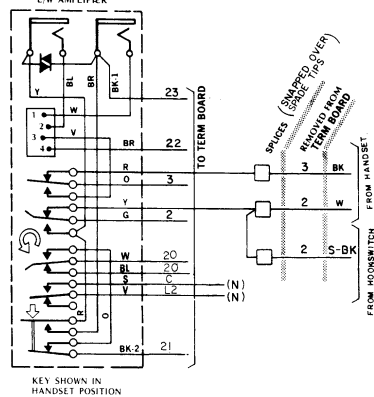


GB416 / 416A Wiring Diagrams

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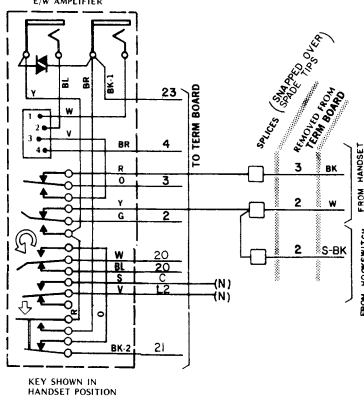
GB416A APPLIQUE UNIT
E/W AMPLIFIER



SC1704 3A/3B

(N) — Network

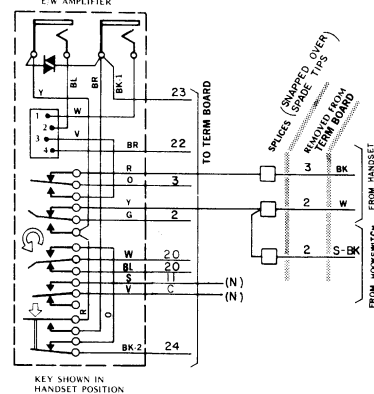
GB416A APPLIQUE UNIT
E/W AMPLIFIER



SC1704 3AT/3BT

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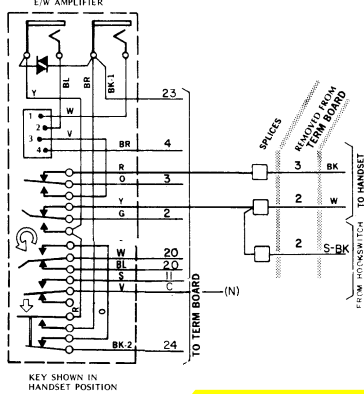
GB416A APPLIQUE UNIT
E/W AMPLIFIER



SC1704 6A/6B-1706 B1-1706A1-1704 12A-1704 12B

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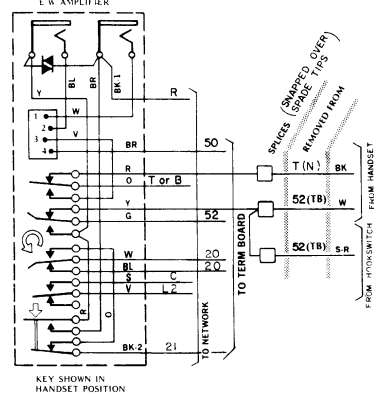
GB416A APPLIQUE UNIT
E/W AMPLIFIER



**SC1704 12AT/12BT
1704 6AT/6BT and 1704-T**

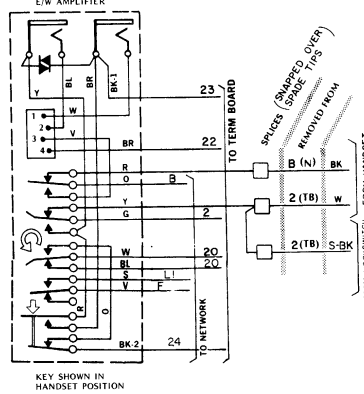
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GB416A APPLIQUE UNIT
E/W AMPLIFIER



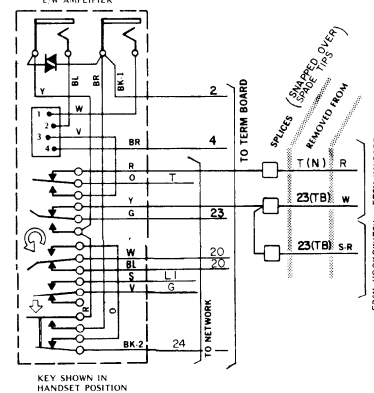
SC1714 3AT/3BT

GB416A APPLIQUE UNIT
E/W AMPLIFIER



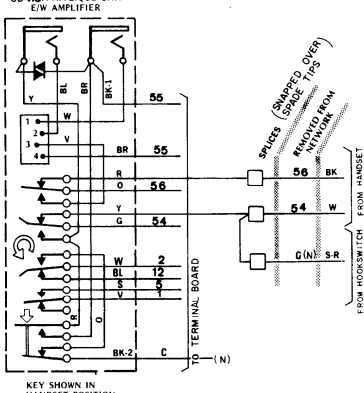
SC1716B1 (ROTARY)

GB416A APPLIQUE UNIT
E/W AMPLIFIER



SC1716B1T/1714 6T

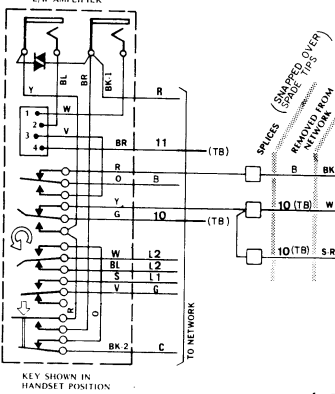
GB416A APPLIQUE UNIT
E/W AMPLIFIER



SC1800-29B29

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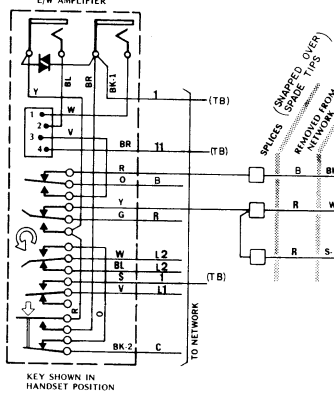
GB416A APPLIQUE UNIT
E/W AMPLIFIER



SC 2500D W/ 'A' Lead Control

(TB) — Terminal Board

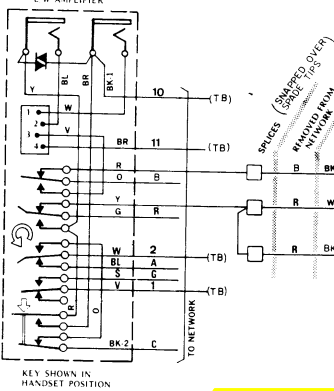
GB416A APPLIQUE UNIT
E/W AMPLIFIER



SC 2500D/ 554B(TD)

(TB) — Terminal Board

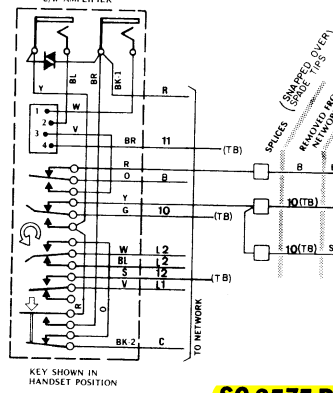
GB416A APPLIQUE UNIT
E/W AMPLIFIER



SC 2554 B

(TB) — Terminal Board

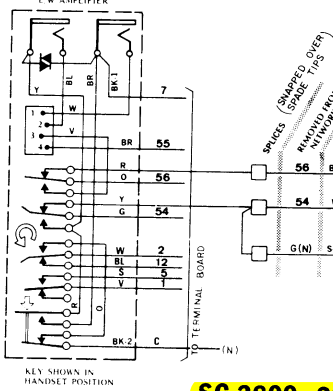
GB416A APPLIQUE UNIT
E/W AMPLIFIER



SC 2575 B

(TB) — Terminal Board

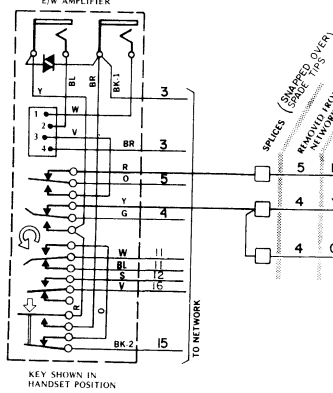
GB 416A APPLIQUE UNIT
E/W AMPLIFIER



SC 2800- 29B29

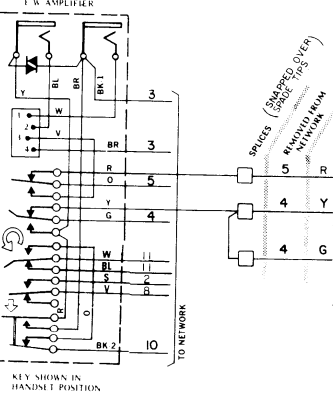
(N) — Network

GB 416A APPLIQUE UNIT
E/W AMPLIFIER



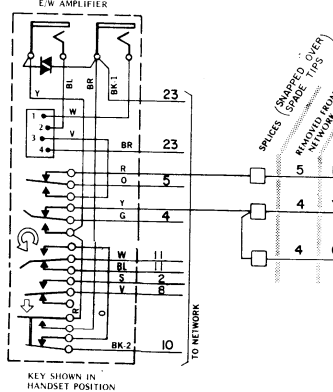
AE N80

GB 416A APPLIQUE UNIT
E/W AMPLIFIER

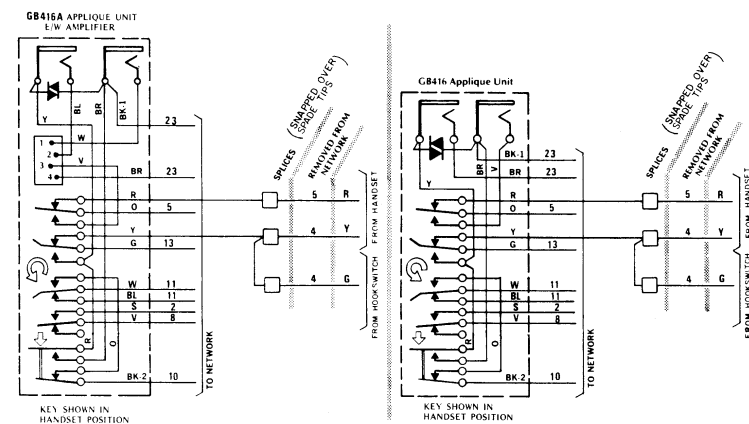


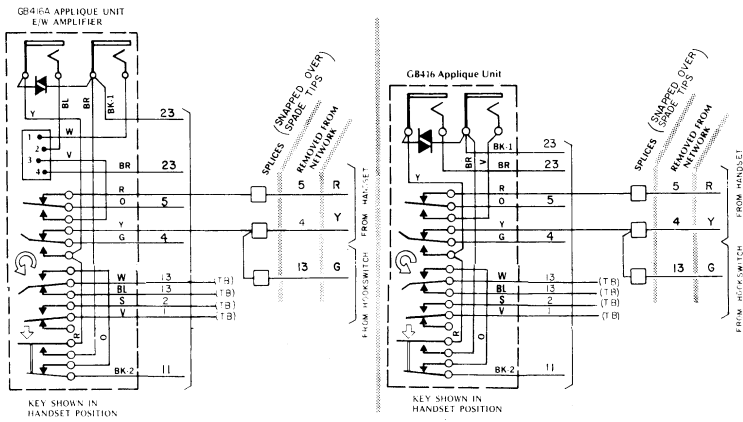
AE NB80

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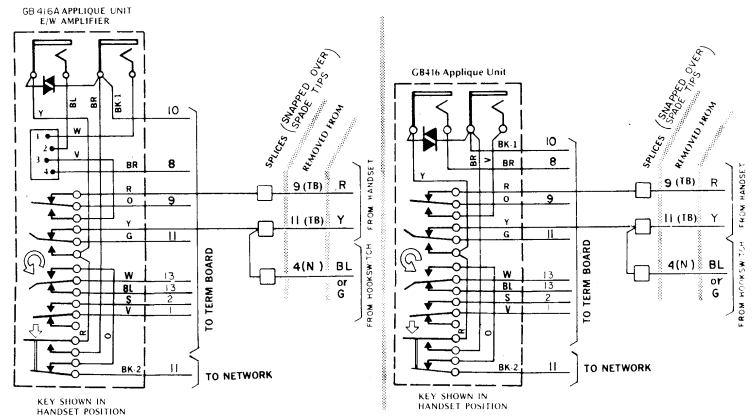


AE NC80

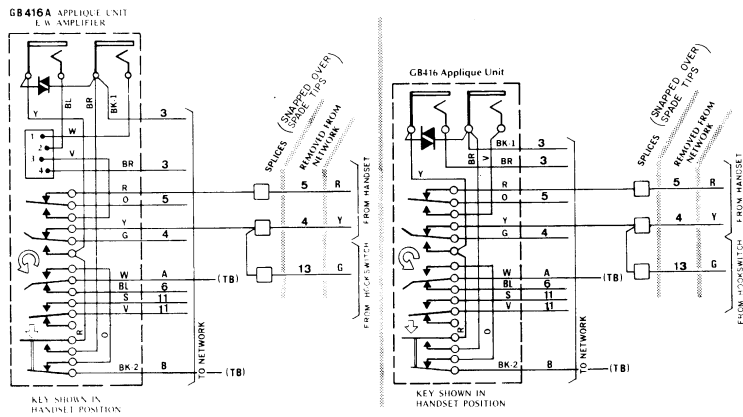




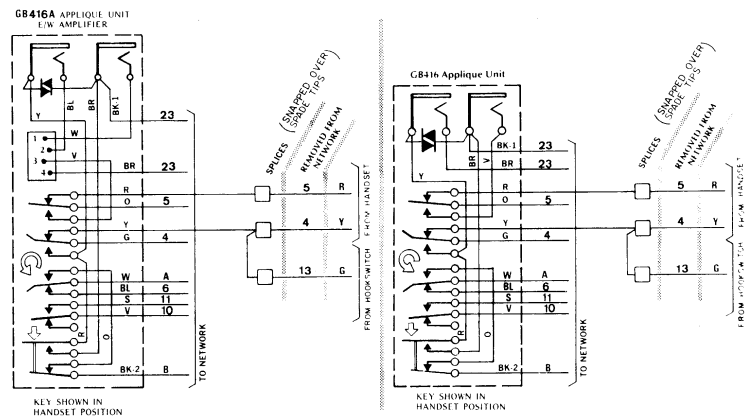
AE 187 E/W ROTARY



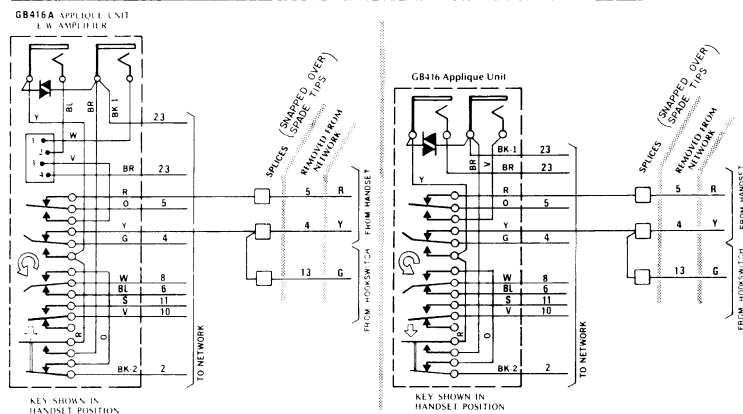
AE 187 E/W TOUCH CALL



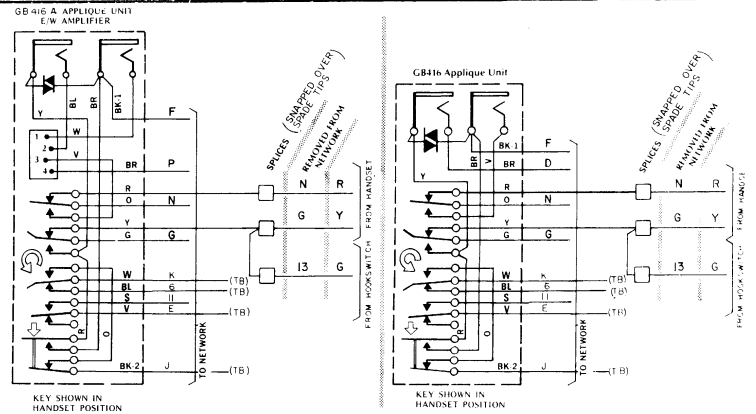
AE 192A - NB



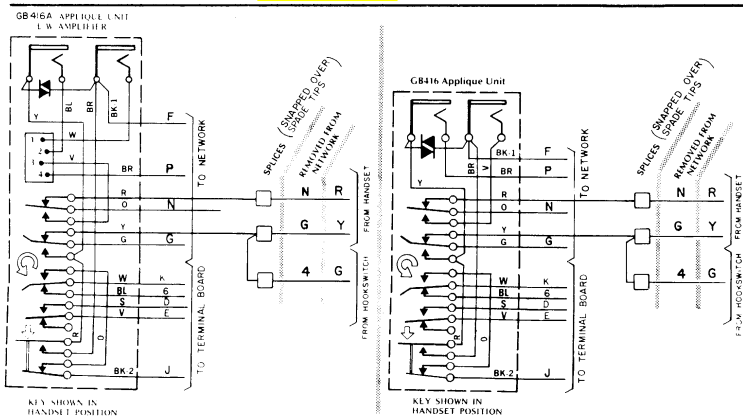
AE 192A - NC



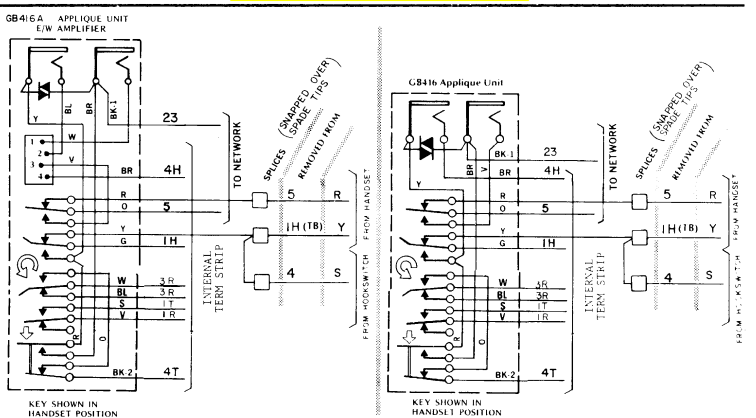
AE NC802



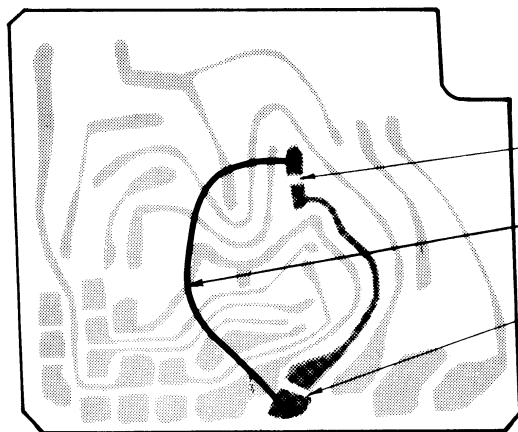
AE 860B E/W ROTARY



AE 860B E/W TOUCH CALL



AE 880B E/W Touch Call



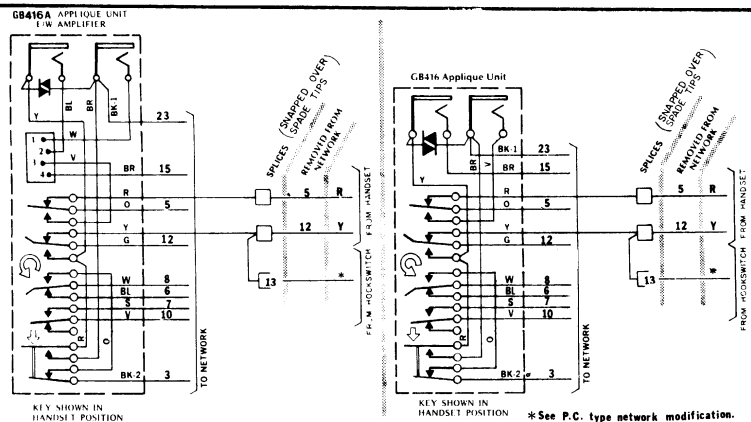
MODIFY BY CUTTING
CIRCUIT (AS SHOWN)

ADD JUMPER WIRE
(AS SHOWN)

CUT CIRCUIT

REAR SIDE OF P.C. TYPE NETWORK

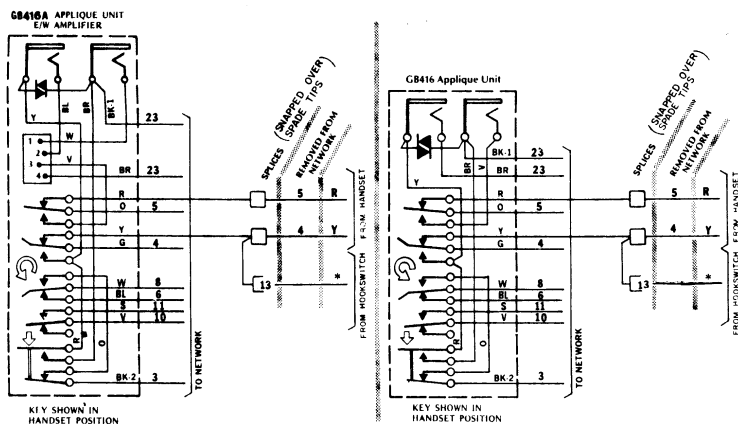
(AE 80E)



AE 80E Touch Call

Requires GB10586 Mounting Clip set

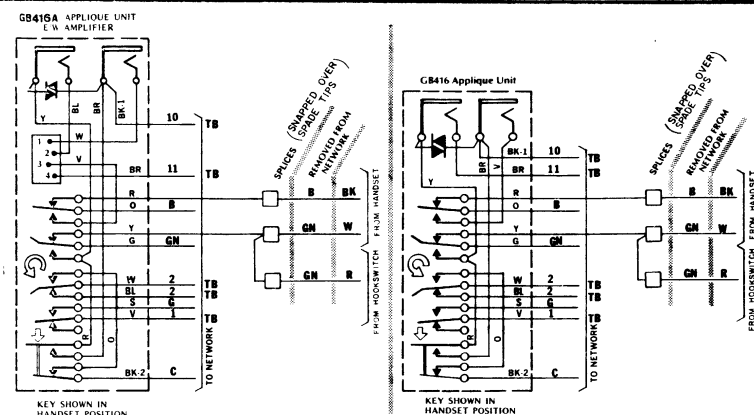
*See P.C. type network modification.
Note: Move (Blue) dial lead from
term. 13 to term. 4 on P.C.
network.



AE 80E Rotary Dial

Requires GB10586 Mounting Clip set

*See P.C. type network modification.
Note: Move (Red) dial lead from
term. 13 to term. 4 on P.C.
network



ITT 2554