

TELEPHONE CIRCUIT FOR TIP PARTY IDENTIFICATION WITH #85 RINGER
(AMA AND AT SERVICE)

INSIDE WIRING NO. 17A TERM. BLOCK LINE CORD RINGER HOOKSWITCH (ON-HOOK) DIAL NETWORK 206011-409 HANDSET

LINE RING(-) R RED

TO EARTH Y YELLOW

TIP(+) GN GREEN

FOR "AMA" SERVICE

FOR "AT" (TOLL TICKETING) SERVICE CONNECT THE RINGER OF THE TIP PARTY TELEPHONES AS SHOWN ABOVE.

The diagram illustrates the internal wiring of a telephone set for tip party identification. It is divided into several functional sections:
1. **INSIDE WIRING**: Shows the connection from the **NO. 17A TERM. BLOCK**. The **LINE** (RING(-) R) is connected to a red wire leading to the **RINGER** section. The **TO EARTH** (Y YELLOW) and **TIP(+)** (GN GREEN) lines are also shown.
2. **RINGER**: Contains a transformer with primary windings of 2650 Ω (SL-R) and 1000 Ω (BK). It is connected to the red line and the green tip line.
3. **HOOKEWITCH (ON-HOOK)**: Features a switch with contacts labeled X, Y, W, GN, and R. It is connected to the ringer transformer and the dial section.
4. **DIAL**: Includes a series of contacts (1, 11, 2, 8, 7, 9, 15, 6, 12, C2) and a series of coils (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15). It is connected to the hookswitch and the network.
5. **NETWORK 206011-409**: A complex network of coils and capacitors (68 Ω, 4 MF, 2 MF, 2.2 Ω) connected to the dial and the handset.
6. **HANDSET**: Includes a **REC.** (receiver) and a **TRANS.** (transmitter) connected to the network.
7. **EXTERNAL STRAP**: A component connected to the network and the handset.
8. **Blue External Strap**: A component connected to the network and the handset.
9. **Tip Party Identification**: A section at the bottom right showing a transformer with primary windings of 1000 Ω (BK) and 2650 Ω (SL-R). It is connected to the green tip line and the network.
10. **Notes**: Two notes at the bottom specify connections for "AMA" and "AT" (Toll Ticketing) services.

TO CONVERT BRIDGED OR DIVIDED RINGING
CIRCUIT TO "A" LEAD CONTROL CIRCUIT:

1. ADD EXTERNAL STRAP FROM (2) TO (6)
2. MOVE RED HOOKSWITCH WIRE FROM (11) TO (8)
3. MOVE YEL HOOKSWITCH WIRE FROM (6) TO (11)
4. MOVE BLACK RINGER WIRE FROM (15) TO (8)
5. MOVE ORANGE HOOKSWITCH WIRE FROM (1) TO (15)
6. MOVE BLACK HOOKSWITCH WIRE FROM (8) TO (1)
7. MOVE RED RINGER WIRE FROM (8) TO (1)
8. MOVE SLATE HOOKSWITCH WIRE FROM (2) TO (1)
9. MOVE BLUE EXTERNAL STRAP WIRE FROM (2)
TO (1)

IF RINGER IS NOT REQUIRED:

10. MOVE SLATE RED RINGER WIRE FROM (1) TO
(8)
11. MOVE SLATE RINGER WIRE FROM (1) TO (2)

IF RINGER IS REQUIRED:

12. MOVE SLATERED RINGER WIRE FROM (1) TO (5)
13. MOVE SLATE RINGER WIRE FROM (1) TO (5)

TELEPHONE CIRCUIT FOR "A" LEAD CONTROL

INSIDE WIRING

LINE CORD

HOOKEWITCH (ON-HOOK)

DIAL

NETWORK 206011-409

HANDSET

RINGER

REC.

TRANS

EXTERNAL STRAP

EXTERNAL STRAP BY INSTALLER

BLUE EXTERNAL STRAP

PAGE 3

1. WHEN HANDSET IS RESTORED THE HOOK-SWITCH "W" CONTACT MUST BREAK BEFORE THE "X" CONTACT BREAKS.
2. TIP PARTY IDENTIFICATION IS NOT AVAILABLE WHEN "A" LEAD CONTROL IS USED.
3. FOR 1556W TELEPHONE, CABLE KEY UNIT DIRECTLY TO NETWORK.