

Specifications 4566

Supplement C

Specifications 4588

Supplement C

(Insert this supplement before Specifications 4566 or 4588)

DIAL AND MANUAL COMMON BATTERY STATIONS

SUBSCRIBER SETS TO REDUCE INDUCTIVE NOISE FROM EXTERNAL SOURCES

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**DIAL AND MANUAL
COMMON BATTERY
STATIONS**

GENERAL

1. Reason for Issuing Supplement. This supplement is issued to cover new types of subscriber sets designed to reduce inductive noise from external power sources at stations having grounded ringers. These sets shall be used only when covered by specific instructions.

2. Code Designation of New Sets. The following table covers the subscriber set code numbers, the code designations of the ringer, condenser and induction coil included therein and the subscriber sets replaced.

Code Of Sets	Ringer	Condenser	Induction Coil	Replaced Sets
534-BA	68-I	147-D (or 21-N)	46-B	534-R
553-BA	68-J	147-D (or 21-N)	46-B	} 533-R } 553-R
553-BF	68-J	149-B	13	
D-88646	68-J	149-B	13	—
584-DE	78-J	1149-B	—	534-DE

The 553-BF and D-88646 sets are similar to the 553-Y and 534-Y subscriber sets, respectively, but are equipped with high impedance ringers (3500 ohms) and 1/2 mf. condensers.

APPARATUS

Subscriber Sets:

534-BA SUBSCRIBER SET.

Hand telephone set or desk stand bell box with high impedance ringer (68-J, 3500 ohms) and 147-D (or 21-N) condenser (1 MF—1/2 MF). For use at Dial and Manual Four-Party Semi-Selective, Dial Two-Party Selective Flat Rate, and Manual Two-Party Selective Flat or Message Rate Stations subject to inductive noise.

553-BA SUBSCRIBER SET

Wall set with high impedance ringer (68-J, 3500 ohms) and 147-D (or 21-N) condenser (1 MF—1/2 MF). For use at Dial and Manual Four-Party Semi-Selective, Dial Two-Party Selective Flat Rate, and Manual Two-Party Selective Flat or Message Rate Stations subject to inductive noise.

553-BF SUBSCRIBER SET (Formerly D-88648)

Wall set with high impedance ringer (68-J, 3500 ohms) and 149-B condenser (1/2 MF). For use at Dial and Manual Common Battery Signaling and Local Battery Talking Stations subject to inductive noise.

D-88646 SUBSCRIBER SET

Bell box corresponding to the 553-BF wall set and for the same use.

584-DE SUBSCRIBER SET

Bell box containing high impedance ringer (78-J, 3500 ohms) and space for condenser. For use as extension ringer, when required, at stations equipped with 534-BA, 553-BA, 553-BF or D-88646 subscriber sets. Requires 1149-B condenser (1/2 MF).

APPARATUS INSTALLATION

3. Follow Station Apparatus Installation, Specifications 3852, and supplements.

CONNECTIONS

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CONNECTIONS

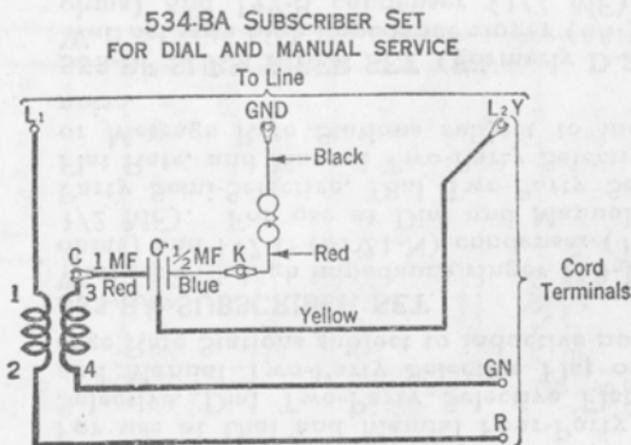
4. General. The connections shown in this supplement are for main and extension stations with the 534-BA, 553-BA, 553-BF, D-88646 and 584-DE subscriber sets and supplements Sections 32, 34 and 36 of Specifications 4566, Machine Switching Stations, and Sections 19, 20 and 23 of Specifications 4588, Common Battery Manual Stations.

5. Number of Ringers. The number of ringers connected from each side of the line to ground should be kept to a minimum due to noise induction and shall be restricted as follows:

- (a) Two-Party Selective Stations: Two ringers at each station in addition to the main station ringer.
- (b) Four-Party Semi-Selective Stations: One ringer at each station in addition to the main station ringer.

6. Extension Ringers. Where an extension ringer is required, use a 584-DE subscriber set (3500 ohm ringer) equipped with a 1149-B (1/2 MF) condenser. Connect the L-2 terminal to one side of the line and the B terminal to ground.

7. Subscriber Set Connections.



553-BA SUBSCRIBER SET FOR DIAL SERVICE

Note: If 4H Type Dial is used, connect BB and R terminals using strap; P-290076.

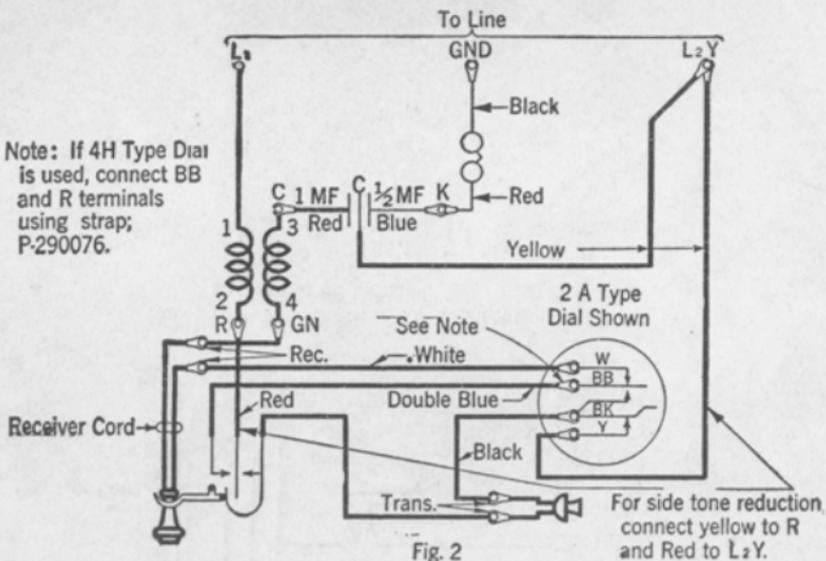


Fig. 2

553-BA SUBSCRIBER SET FOR MANUAL SERVICE

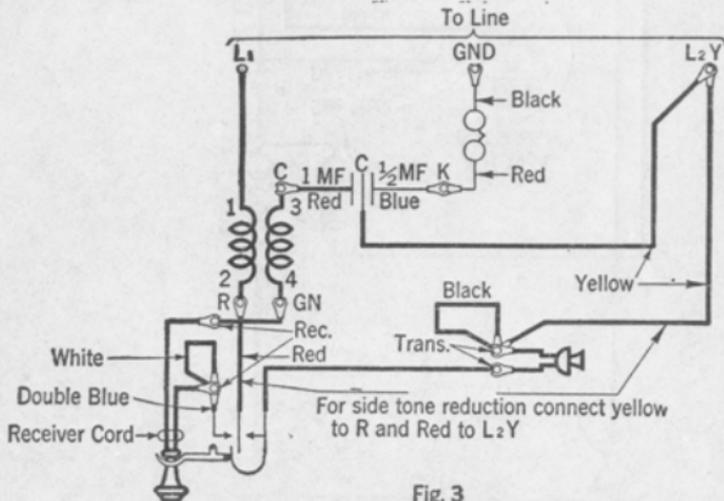
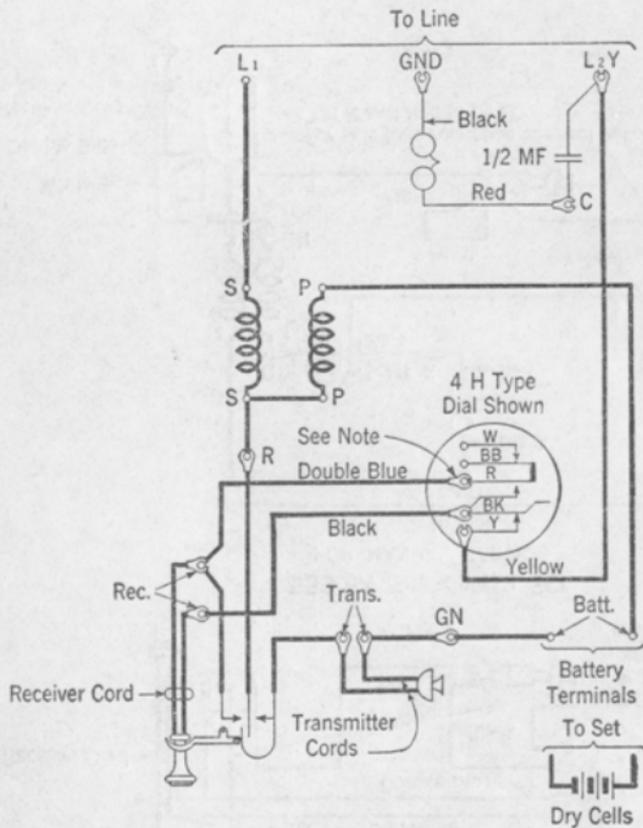


Fig. 3

553-BF SUBSCRIBER SET
FOR DIAL SERVICE



Note: If 2A Type Dial is used, connect Double Blue dial lead to BB terminal.

Fig. 4

553 - BF SUBSCRIBER SET
FOR MANUAL SERVICE

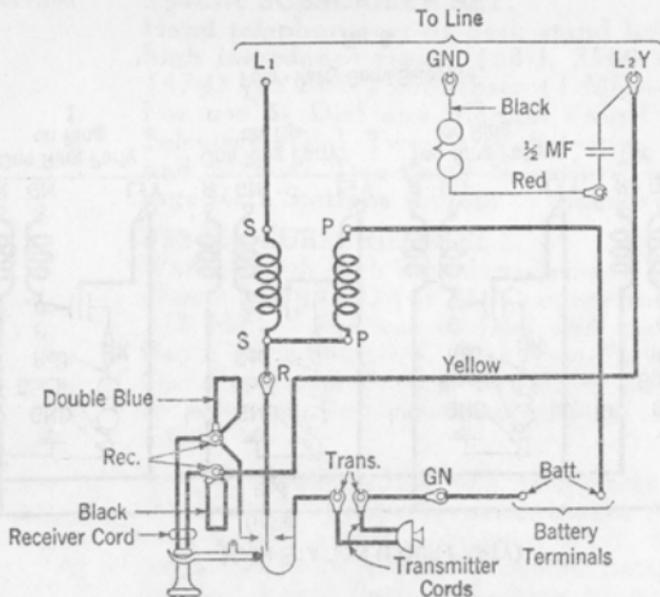


Fig. 5

D-88646 SUBSCRIBER SET
FOR DIAL AND MANUAL SERVICE

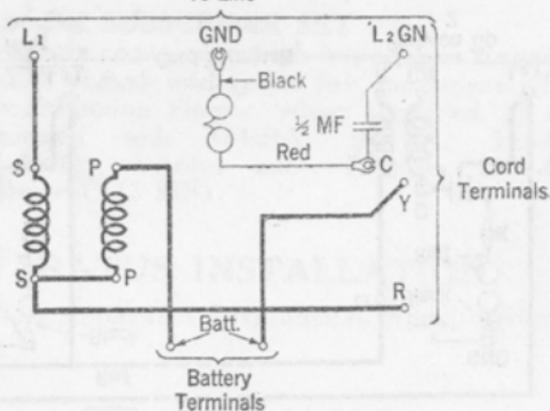
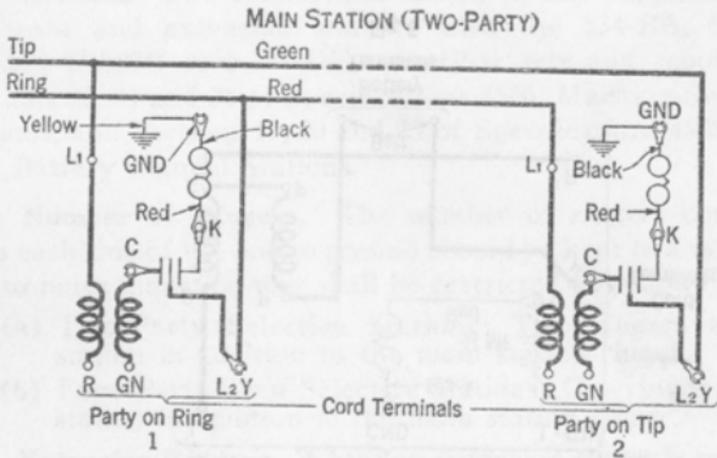


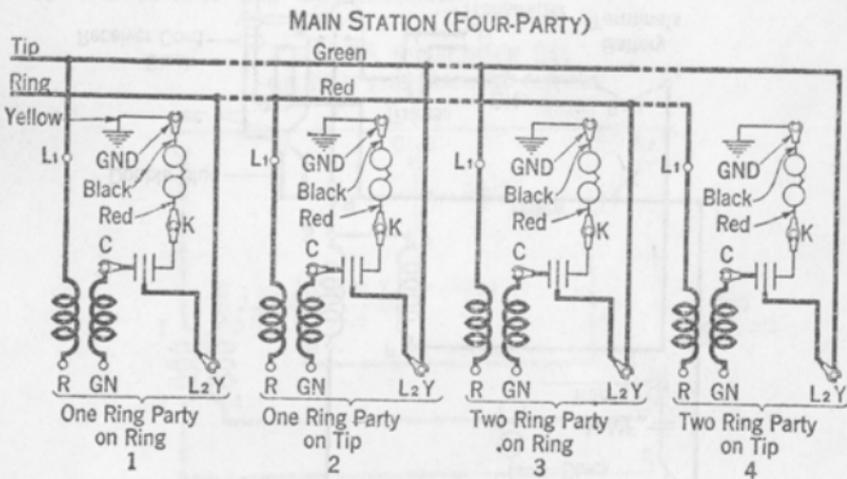
Fig. 6.

8. Line and Ringer Connections.



Two-Party Selective: Flat Rate-Dial.
Flat or Message Rate-Manual.

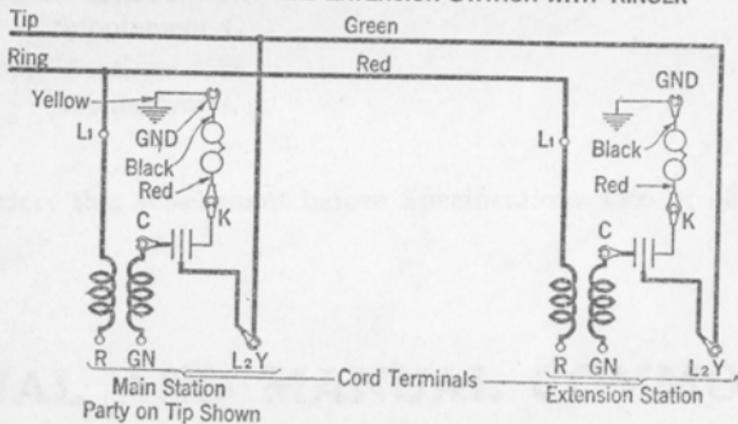
Fig. 7



Four-Party Semi-Selective.

Fig. 8

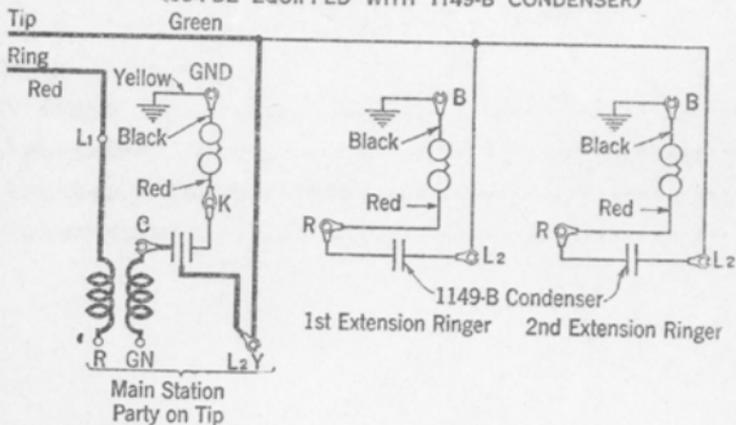
MAIN STATION AND EXTENSION STATION WITH RINGER



Two-Party Selective: Flat Rate-Dial.
 Flat or Message Rate-Manual.
 Four-Party Semi-Selective.

Fig. 9

MAIN STATION WITH ONE OR TWO EXTENSION RINGERS (584-DE EQUIPPED WITH 1149-B CONDENSER)



Two-Party Selective: Flat Rate-Dial.
 Flat or Message Rate-Manual.
 Four-Party Semi-Selective.

Note:- Limit Ringers as Follows:

Two-Party Selective: Two Additional Ringers for each Main Station.

Four-Party Semi-Selective: One Additional Ringer for each Main Station.

Fig. 10