

**BELL SYSTEM PRACTICES**  
**Station Installation and Maintenance**

**SECTION C42.601**  
**Issue 1, 6-1-31**  
**Standard**

## **ANTI-SIDETONE SUBSCRIBER SETS**

### **433, 633 AND 653 TYPES**

### **CONNECTIONS**

#### **1. GENERAL**

1.01 This section covers the connections for the 433, 633 and 653 type subscriber sets (wall type sets) when such sets are used at regular manual or dial common battery stations.

1.02 Circuit diagrams showing the connections for the above types of sets are arranged herein by the class or classes of service for which such sets are used. Where possible, circuit diagrams for more than one set are combined and shown with the ringer leads disconnected. Where ringer leads are shown disconnected they should, of course, be connected in accordance with the sections under the caption "Line and Ringer Connections."

1.03 No. 1 Residence System and No. 2 Private Branch Exchange stations do not have wall type subscriber sets for anti-sidetone connections.

#### **2. MANUAL STATION CONNECTIONS:**

2.01 **All Manual Stations Except:**

**Four-Party Selective,**  
**Eight-Party Semi-Selective,**  
**Local Battery Talking, Common Battery Signaling,**  
**No. 1 Residence System,**  
**No. 2 Private Branch Exchange.**

### 653A and 653BA Subscriber Sets

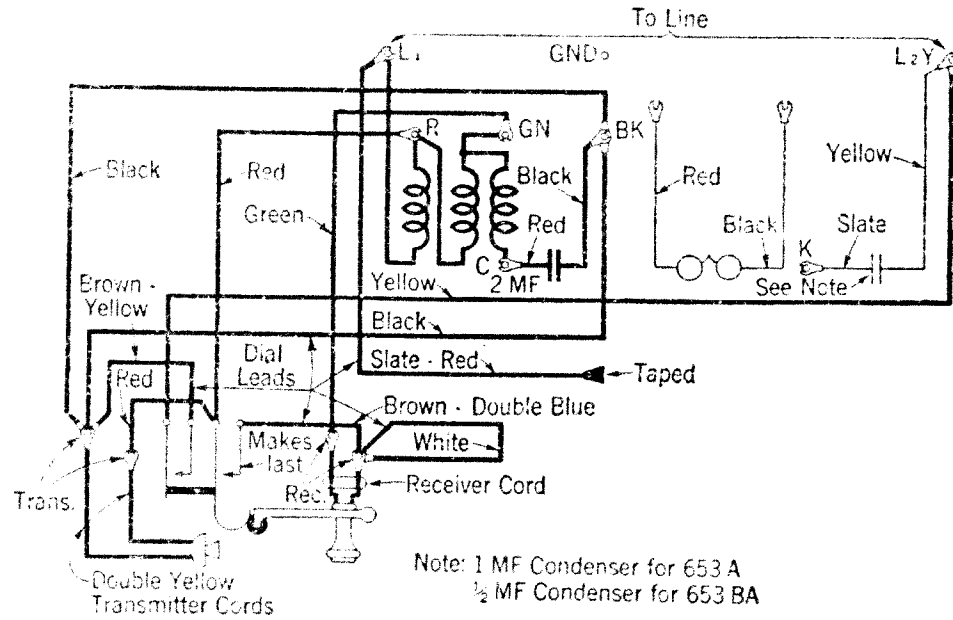


Fig. 1.

### 433B, 633A and 633BA Subscriber Sets

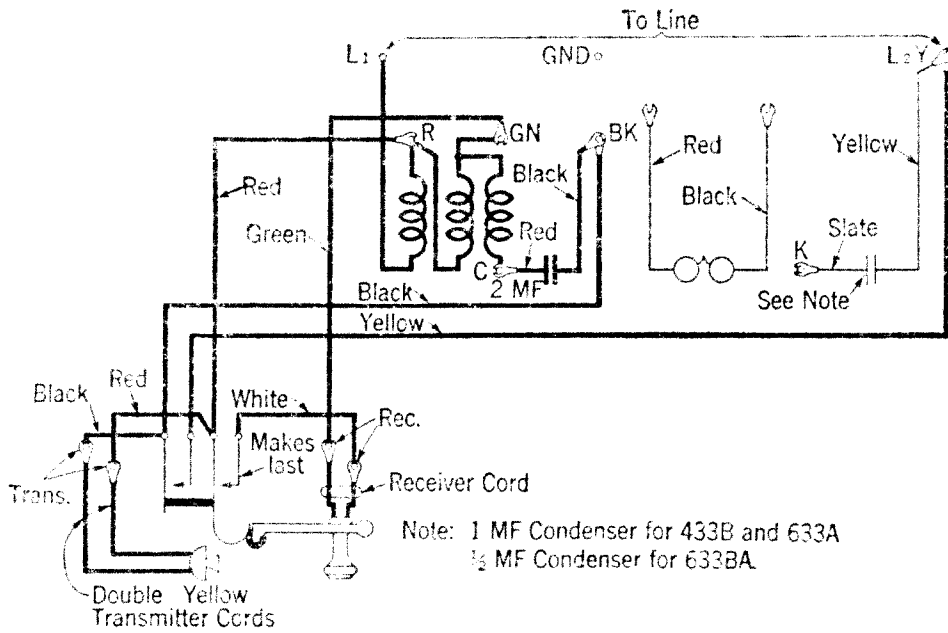


Fig. 2.

2.02 Four-Party Selective—Manual Stations:

653AR Subscriber Set

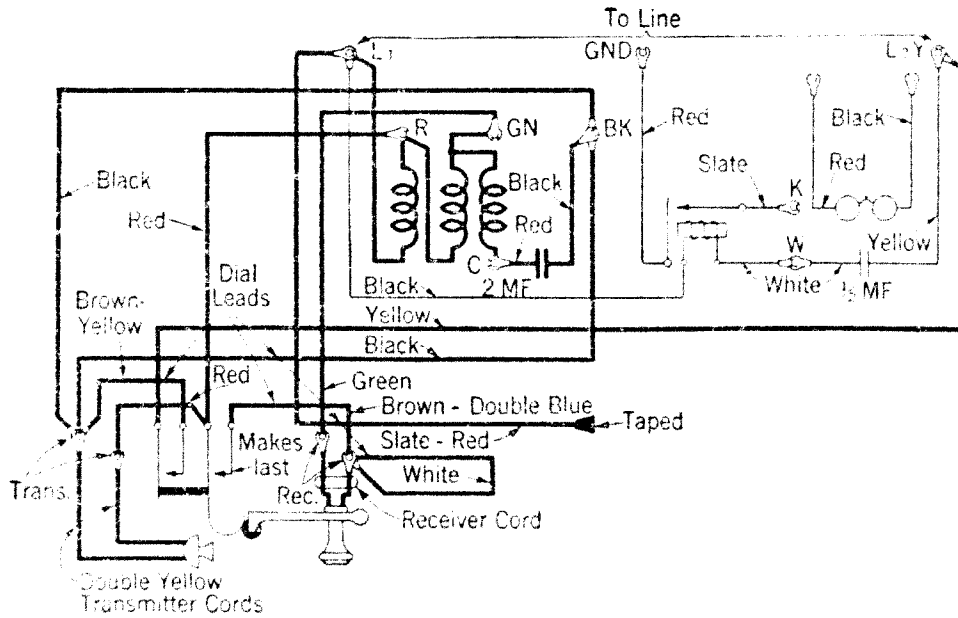


Fig. 3.

633AR Subscriber Set

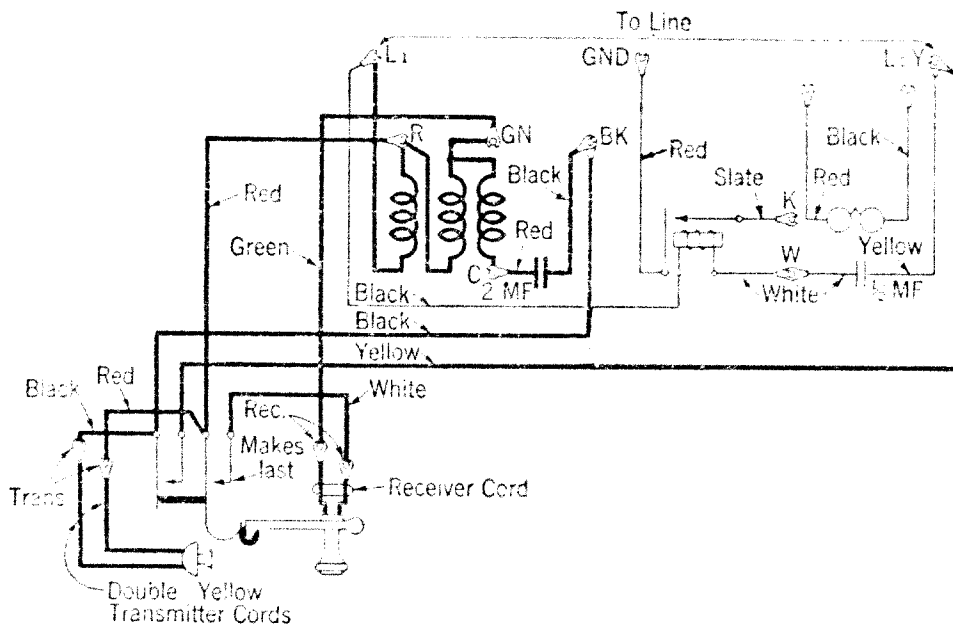


Fig. 4.

2.03 Eight-Party Semi-Selective—Manual Stations:  
653FR Subscriber Set

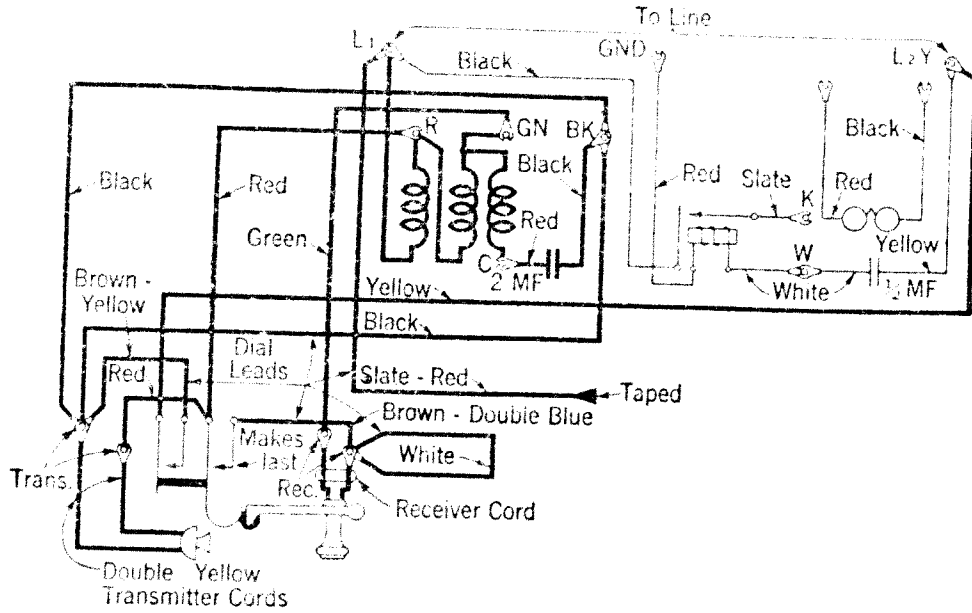


Fig. 5.

2.04 Local Battery Talking, Common Battery Signaling—  
Manual Stations:

653BB Subscriber Set

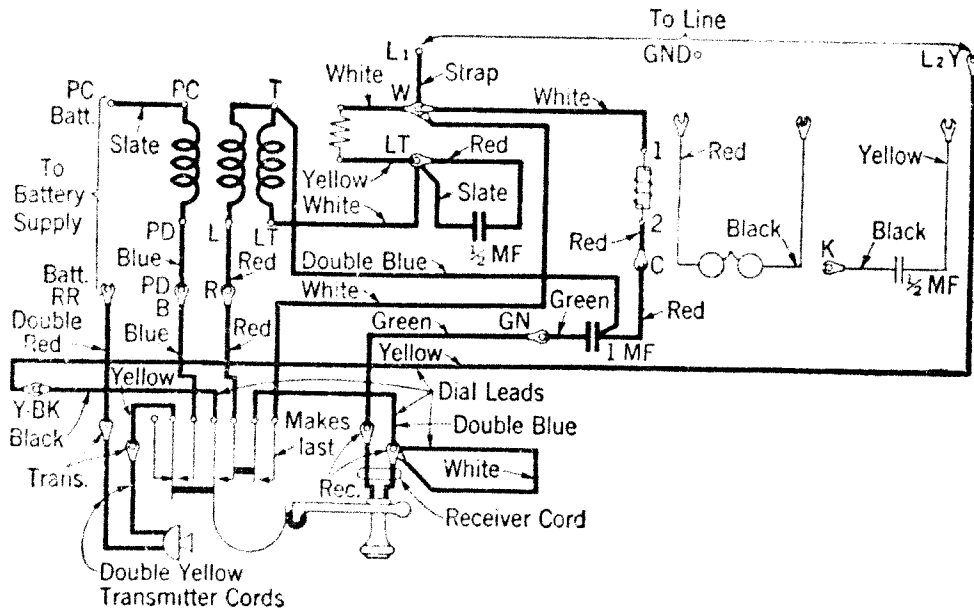


Fig. 6.

### 3. DIAL STATION CONNECTIONS

#### 3.01 All Dial Stations Except:

Two-Party Selective Message Rate,  
 Four-Party Selective,  
 Eight-Party Semi-Selective,  
 No. 750-A P.B.X. Key and Control,  
 Local Battery Talking, Common Battery Signaling,  
 No. 1 Residence System,  
 No. 2 Private Branch Exchange.

#### 653A and 653BA Subscriber Sets

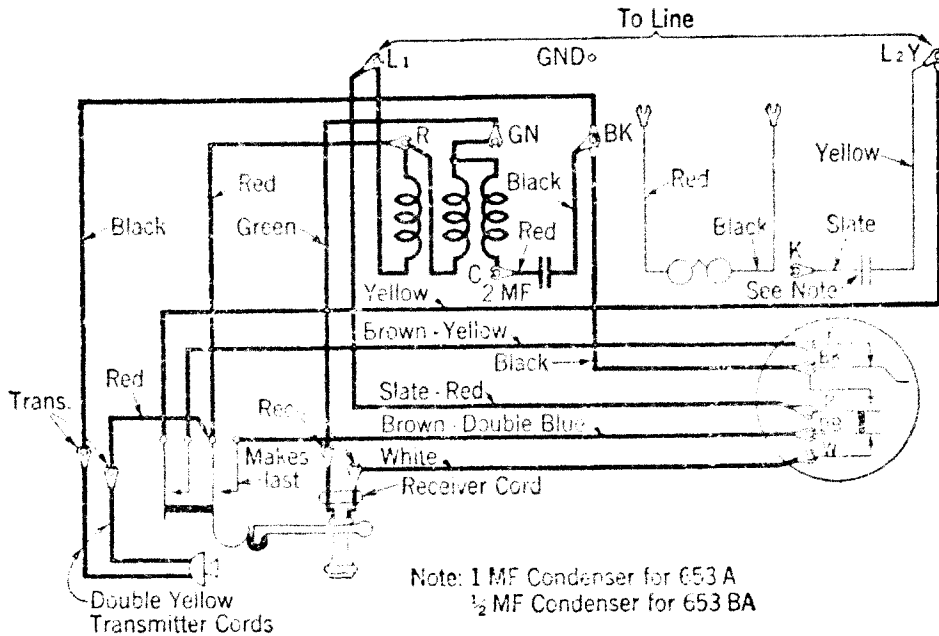


Fig. 7.

### 3.02 Two-Party Selective Message Rate—Dial Stations: 653BC Subscriber Set

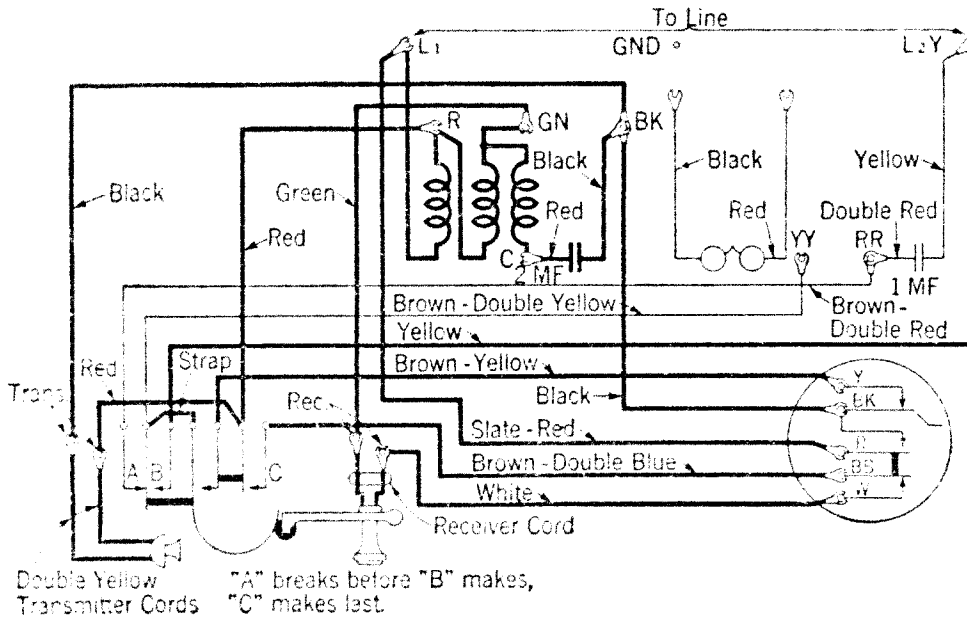


Fig. 8.

### 3.03 Four-Party Selective—Dial Stations: 653AR Subscriber Set

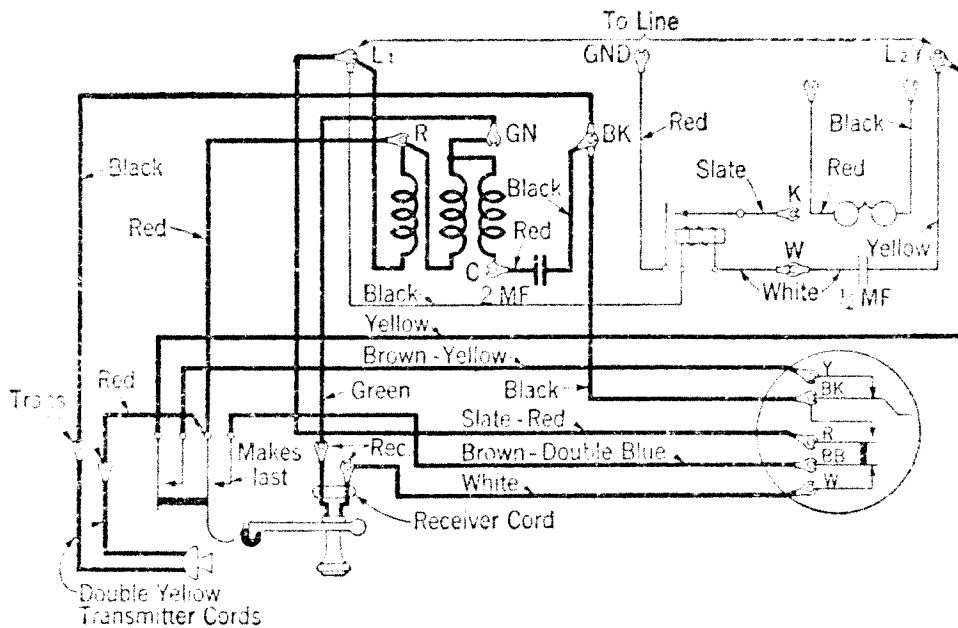


Fig. 9.

3.04 Eight-Party Semi-Selective—Dial Stations:  
653FR Subscriber Set

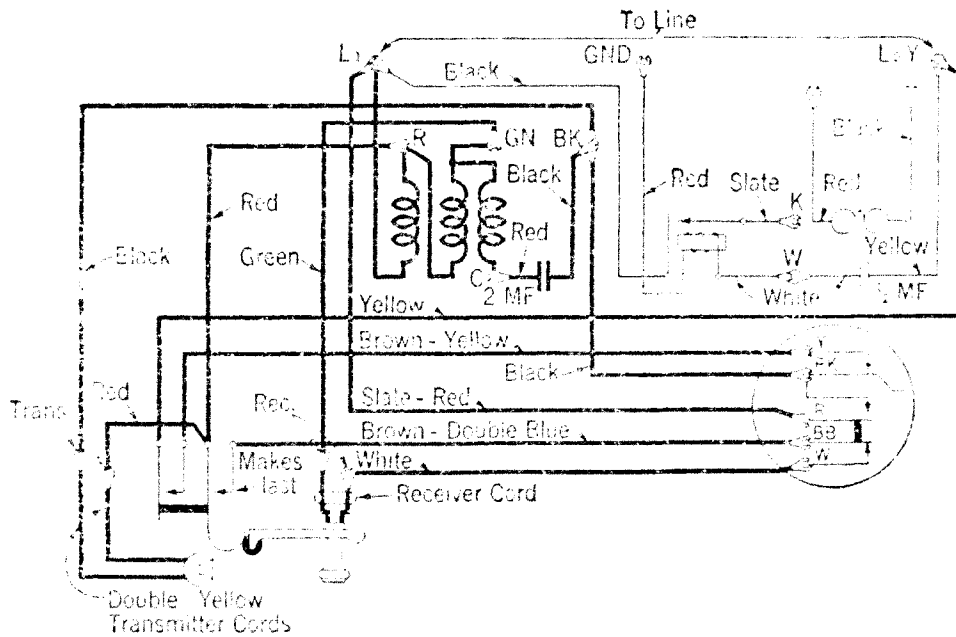


Fig. 10.

3.05 No. 750-A P.B.X. Key and Control Stations:  
653J Subscriber Set

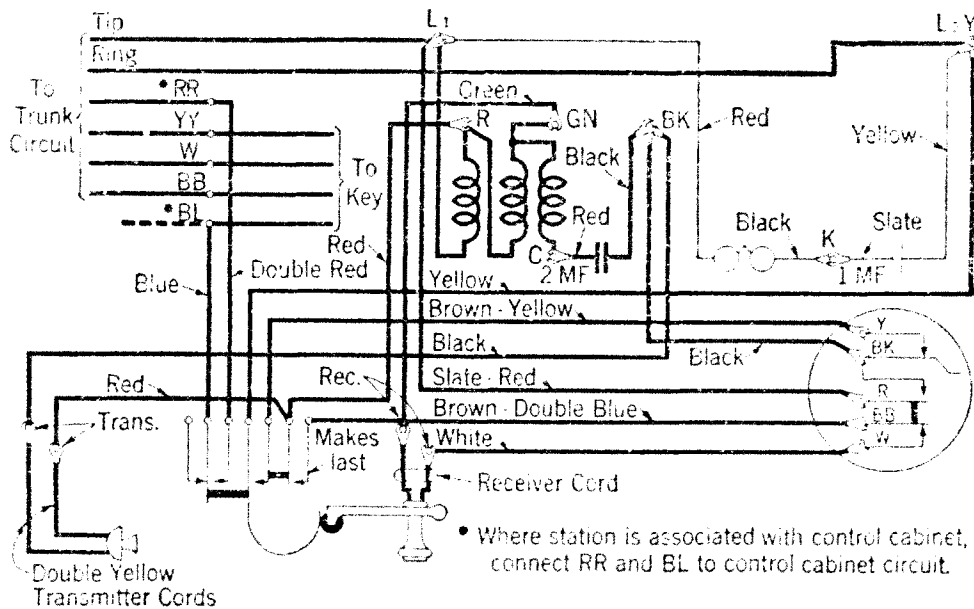


Fig. 11.

Local Battery Talking, Common Battery Signaling—  
Dial Stations:

653BB Subscriber Set

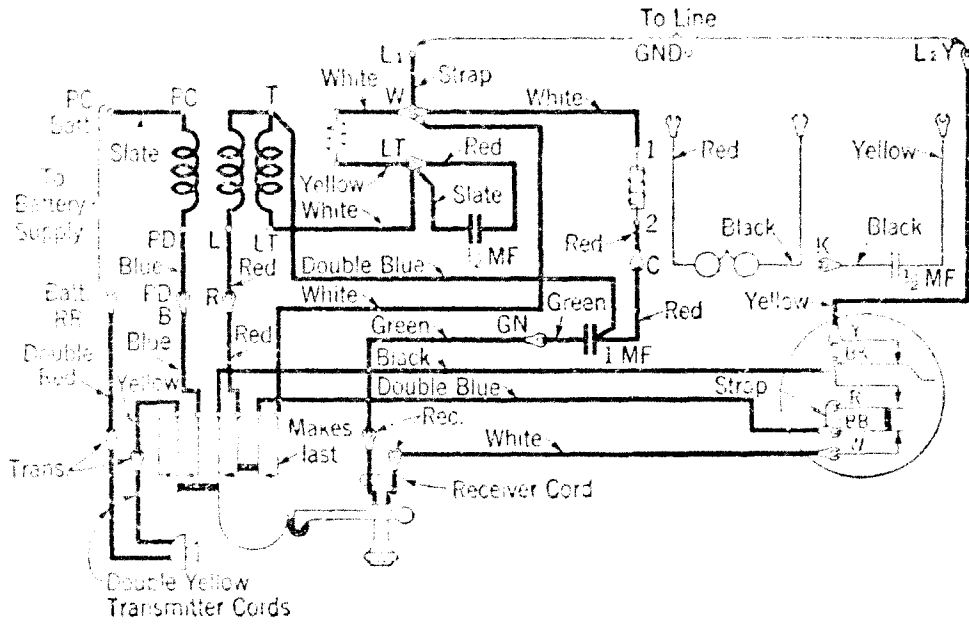


Fig. 12.