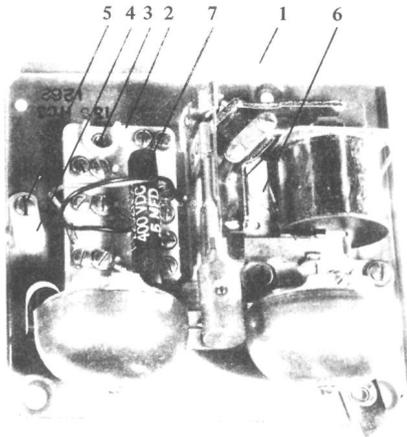


EXTENSION RINGER  
TYPE 139

1. GENERAL

- 1.01 The Type 139 Ringer is designed for use as an extension unit. It may be used as the main ringer if the telephone is not equipped with an internal ringer.
- 1.02 The assembly consists of a type 130, 131 or 133 ringer mounted on a steel baseplate and protected by a molded, snap-on plastic housing. See Figure 1.



Item	Description
1	Baseplate
2	Terminal Board
3	Rd. Hd. Mach. Screw
4	Cable Hanger
5	Bind. Hd. Mach. Screw
6	Ringer
7	Capacitor Assembly

Fig. 1 TOP VIEW - COVER REMOVED

- 1.03 External connections are made to a terminal block mounted on the baseplate which is provided with mounting holes. Units fitted with type 130 or 131 ringer assemblies are equipped with volume controls. See Figures 2 and 3.
- 1.04 The cover of the assembly is removed by loosening the screw on the top edge of the cover, pulling the bottom of the cover away from the base, then lifting the cover clear of the baseplate.
2. RINGERS AND CAPACITORS
- 2.01 Refer to the appropriate descriptive practices for specific details of each of the ringer units which may be fitted in the type 139 extension ringer housing. See Table 1.

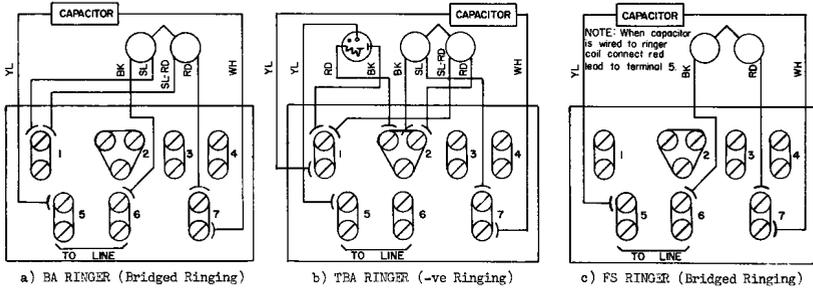
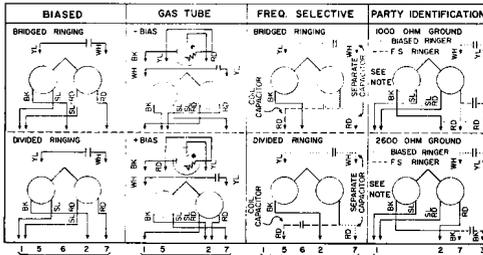


FIGURE 2 RINGER WIRING (AS SHIPPED)



NOTE  
 Party Identification:  
 Transfer slate hook switch lead from I2 to A on 500 series telephone network. Mounting cord connections shown for ring party. For tip party reverse green and red cord conductors on ringer terminal board and use ring party station wiring.

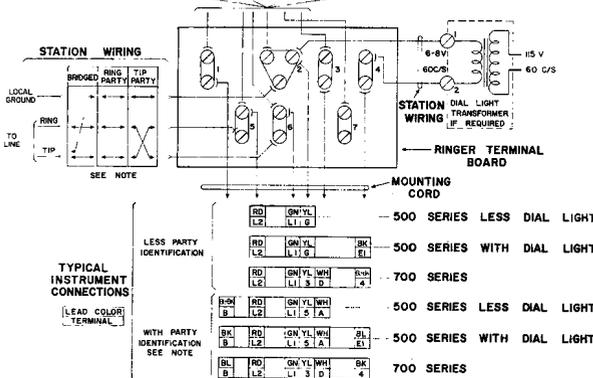


FIGURE 3 RINGER INSTALLATION WIRING

**TABLE 1** RINGERS AND CAPACITORS

Code	Frequency	Ringer	Capacitor
LR	-	None	190440-6
BA	20	130(BA)470	190440-7
TBA	20	130(BA)470	190440-7
*A1	33-1/3	***(HA1)470	None
*A2	50	***(HA2)470	None
*A3	66-2/3	***(HA3)470	None
*A4	100-1/3	***(HA4)470	190440-6
*A5	21	***(HA5)470	190440-6
*B1	30	***(HB1)470	190440-6
*B2	42	***(HB2)470	* None
*B3	54	***(HB3)470	None
*B4	66	***(HB4)470	None
*B5	16	***(HB5)470	190440-6
*C1	20	***(HC1)470	190440-6
*C2	60	***(HC2)470	None
*C3	30	***(HC3)470	190440-6
*C4	40	***(HC4)470	None
*C5	50	***(HC5)470	None

