

CODED PLUGS—200 THROUGH 249 DESCRIPTION

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1. GENERAL

1.01 This section lists and illustrates coded plugs within the part or type number range of 200 through 249, used for the maintenance and operation of equipment in central offices.

1.02 The information provided in this section was previously shown in Section 032-510-101, Issue 11. The following information was changed or added to this practice. The Equipment Test List is not affected.

- (a) The 234B plug was added
- (b) The 214, 224, 226, 231 and 239 plugs were rated Mfr Disc.
- (c) The 209, 212, 233, and 243 plugs were rated A&M Only.

2. DESCRIPTION OF PLUGS

2.01 209: The 209 plug (A&M Only) (Fig. 1) replaces the 43 plug and is used with the 99, 215, 216, 217, 218, 223, 225, 226, and 227 jacks.

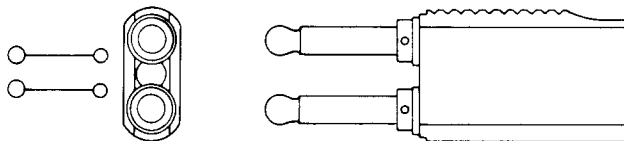


Fig. 1—209 Plug

2.02 211, 212, and 213: The 211, 212, and 213 plugs are illustrated in Fig. 2.

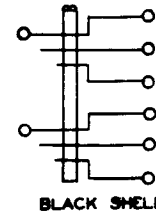


Fig. 2—211, 212, or 213 Plug

- (a) **211:** The 211 plug has fingers mounted on 7/16-inch centers and is used with the 49 jack.
 - (b) **212:** The 212 plug (A&M Only) has fingers on 1/2-inch centers and replaces the 133 plug. The 212 plug is used with the 49 and 141 jacks.
 - (c) **213:** The 213 plug has fingers mounted on 11/16-inch centers and replaces the 129 plug. The 213 plug is used with the 141 jack.
- 2.03 214:** The 214 plug (Mfr Disc.) is used with the 298 jack. The 211A or D switch is recommended as a replacement for the 214 plug and 298 jack.
- 2.04 216 and 216B:** The 216 and 216B plugs are illustrated in Fig. 3.

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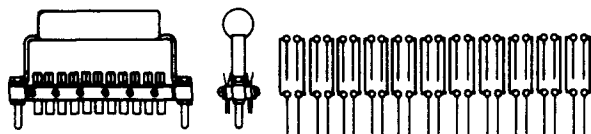


Fig. 3—216 or 216B Plug

(a) **216:** The 216 plug replaces the 188 plug and is used with the 298 jack. The 211A or D switch is recommended as a replacement for the 216 plug and 298 jack.

(b) **216B:** The 216B plug replaces the D-176256 plug and is used with the 495A jack.

2.05 **224:** The 224 plug is rated Mfr Disc.

2.06 **226:** The 226 plug (Mfr Disc.) is used with the 310 jack. The 211B switch is recommended as a replacement for the 226 plug and the 310 jack.

2.07 **231:** The 231 plug is rated Mfr Disc.

2.08 **233:** The 233 plug (A&M Only) (Fig. 4) contacts are insulated from each other and are arranged in pairs. The 233 plug is provided with two guide posts for centering the plug in its corresponding jack. The plug has a wooden handle and is used with the 315 jack for emergency switching, patching plugs, and jack equipment of dial offices.



Fig. 4—233 Plug

2.09 **234 and 235:** The 234 and 235 plugs (Fig. 5) are intended for use in making connections with terminal strips on intermediate distributing frames and are arranged to clamp on the punchings of the terminal strips by means of a sliding arm.

(a) **234:** The 234 plug replaces the 131, 132, and

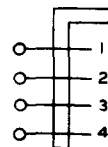


Fig. 5—234 and 235 Plug

205 plugs and is used with 36- or similar-type terminal strips.

(b) **235:** The 235 plug is used with the 35- or similar-type terminal strips.

2.10 **234B:** The 234B plug (Fig. 6) is designed to be used as a service observing plug for totally solderless wrap 150- and 183-type laminated terminal strips.

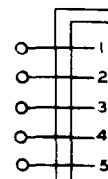


Fig. 6—234B Plug

2.11 **239:** The 239 plug is rated Mfr Disc.

2.12 **240A Through D, F, and G:** The 240A through D, F, and G plugs have pairs of conductor springs that are insulated from each other. The two outer springs are equipped with flanges for centering the plug in its associated jack.

(a) **240A:** The 240A plug (Fig. 7) is used with 328- and similar-type jacks on step-by-step switches.

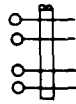


Fig. 7—240A Plug

- (b) **240B:** The 240B plug (Fig. 8) is used with the 384A jack on step-by-step switches.

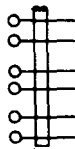


Fig. 8—240B Plug

- (c) **240C:** The 240C plug (Fig. 9) is used with the test jacks on step-by-step switches.

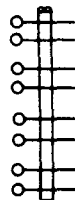


Fig. 9—240C Plug

- (d) **240D:** The 240D plug (Fig. 10) is used with 354-type jacks on step-by-step switches.

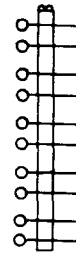


Fig. 10—240D Plug

- (e) **240F:** The 240F plug (Fig. 11) is equipped for a 2-type lamp which must be ordered separately. The 240F plug is used with 328- and similar-type jacks on step-by-step switches.

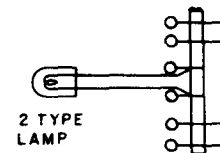


Fig. 11—240F Plug

- (f) **240G:** The 240G plug (Fig. 12) is used with the 384A jack on step-by-step switches.

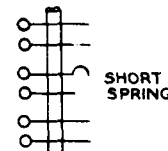


Fig. 12—240G Plug

- 2.13 240H:** The 240H plug (Fig. 13) is equipped with one 30-cord tip and is used with the test jacks on step-by-step switches.

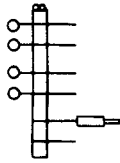


Fig. 13—240H Plug

2.14 **240J:** The 240J plug (Fig. 14) is equipped with two 30-cord tips and is used with 346-type jacks on step-by-step switches.

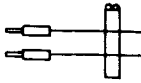


Fig. 14—240J Plug

2.15 **240K:** The 240K plug (Fig. 15) is equipped with a socket on each side for the mounting of a 2-type lamp. The 240K plug is used with the P4K cord in connection with the 447A and 448A jacks in intertoll dialing systems and replaces the D-157338 plug.

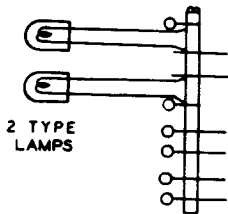


Fig. 15—240K Plug

2.16 **240L:** The 240L plug (Fig. 16) is used in a trap applique circuit for calling line identification.

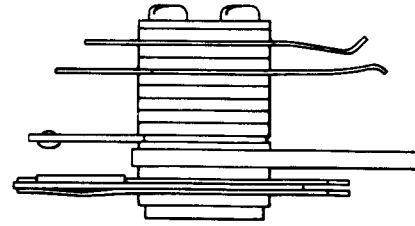
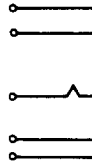
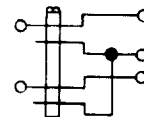


Fig. 16—240L Plug

2.17 **241A Through D:** The 241A through D consist of twin plugs with a finger mounted in a brass frame which serves as a common connection for the two plug sleeves. The plugs are used with 99-, 215-, 297-, or similar-type jacks.

(a) **241A and B:** The 241A (black shell) and 241B (red shell) plug fingers (Fig. 17) have brass tips. The 241A and B plugs replace the 141A and B plugs.



241A-BLACK SHELL
241B- RED SHELL
241D- BLACK SHELL

Fig. 17—241A, B, or D Plug

(b) **241C:** The 241C (black shell) plug finger (Fig. 18) has a brass tip, and the tip terminals are tied together. The 241C replaces the 141C plug.

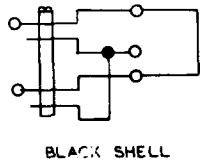


Fig. 18—241C Plug

(c) **241D:** The 241D (black shell) plug fingers (Fig. 17) have silver tips. The 241D plug replaces the D-156082 plug.

2.18 242A, B, and C: The 242-type plugs have several insulated pairs of contacts mounted on a wooden strip and are to be mounted in the rear of the 930- or similar-type mounting plates. The terminals are arranged for mechanically wrapped connections.

(a) **242A:** The 242A plug (Fig. 19) is used with the 344 jack.

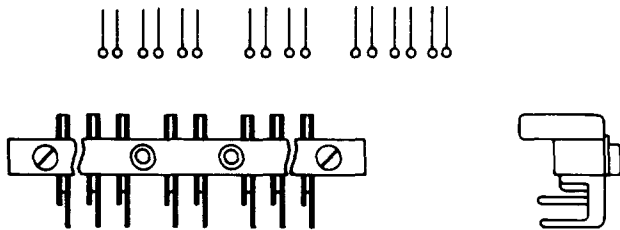


Fig. 19—242A Plug

(b) **242B:** The 242B plug (Fig. 20) is used with the 345 jack.

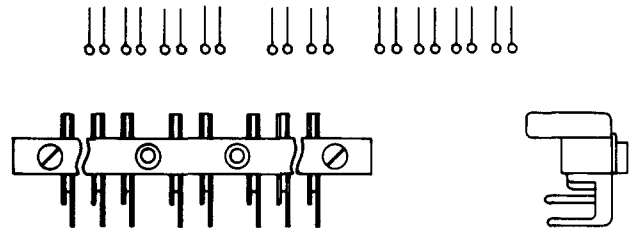


Fig. 20—242B Plug

(c) **242C:** The 242C plug (Fig. 21) is used with the 346 jack.

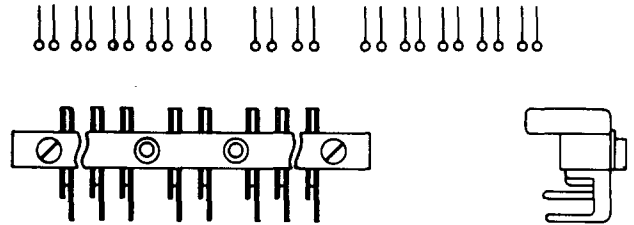


Fig. 21—242C Plug

2.19 243: The 243 plug (A&M Only) (Fig. 22) is used with the 60-type terminal strips.

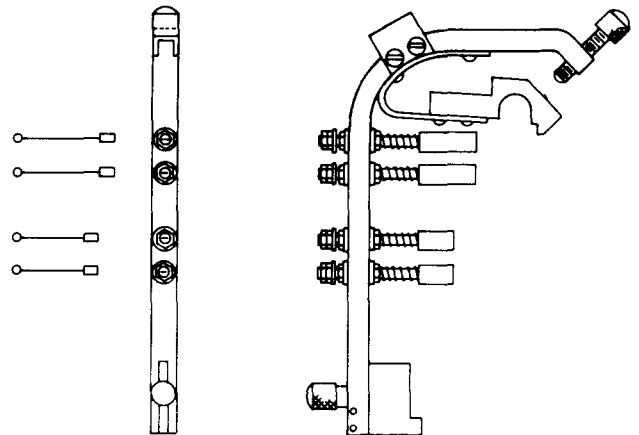
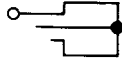


Fig. 22—243 Plug

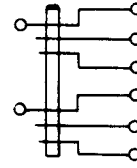
2.20 245: The 245 plug (Fig. 23) is equipped with a shield which obscures light and is used with the 92- or similar-type jacks. The 245 plug does not operate the tip connection of the jack.



BRASS WITH BLACK HANDLE

Fig. 23—245 Plug

2.21 248A: The 248A plug (Fig. 24) is used in connection with metallic telegraph repeater equipment and is not recommended for general use. The 248A plug is used with the 363-type jacks.



BLACK SHELL

Fig. 24—248A Plug