

## CODED JACKS—300 THROUGH 349

### DESCRIPTION

#### 1. GENERAL

**1.01** This section lists and illustrates coded jacks within the part or type number range of 300 through 349, used for the maintenance and operation of equipment in central offices.

**1.02** The information provided in this section was previously shown in Section 032-511-101, Issue 3. This issue does not affect the Equipment Test List.

#### 2. DESCRIPTION OF CODED JACKS

**2.01 300A:** This single-mounted jack (Fig. 1) is used with the 310 plug. This jack is heavily insulated and should be mounted with springs in a vertical plane.

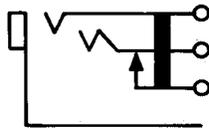


Fig. 1—300A Jack

**2.02 303A and C:** These single-mounted jacks (Fig. 2) are used with 1D, 1E, 153, 209, 241, 305, 327, 328, 347, 373, and 464 plugs. These jacks are heavily insulated and should be mounted with springs in a vertical plane. The 303C jack is designed to mount in the 252A jack mounting.

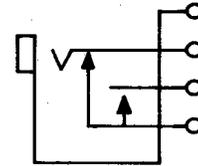


Fig. 2—303A or C Jack

**2.03 308:** This strip-mounted jack (Fig. 3) is used with the 310 plug. This jack is also used with the 109, 110, 116, 131, 136, 137 or similar-type jack mountings. This jack is furnished only on orders for jack mountings.

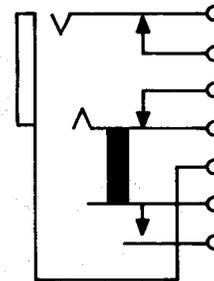


Fig. 3—308 Jack

**2.04 309C:** This single-mounted jack (Fig. 4) is used with the 347 plug. The contact springs are equipped with bimetallic bar-type contacts that have caps made of No. 2 metal. The 309C jack replaces the 309CK jack.

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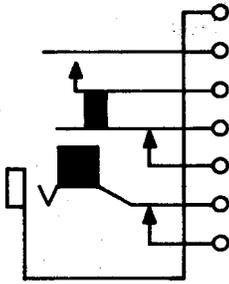


Fig. 4—309C Jack

**2.05 310:** (A & M only.) This apparatus should be ordered only for additions or maintenance of existing equipment arranged for this type of apparatus. This multicontact jack (Fig. 5) is used with the 400-point line finder as an emergency switching jack in conjunction with the 226 plug which engages with the jack in either of two positions. The 310 jack is equipped with 21 pairs of contact springs insulated from each other. This jack is provided with guide holes to engage with guide posts of associated plugs for centering contacts of the plugs and the jacks. The 211B switch is recommended in place of the 310 jack and the 226 plug.

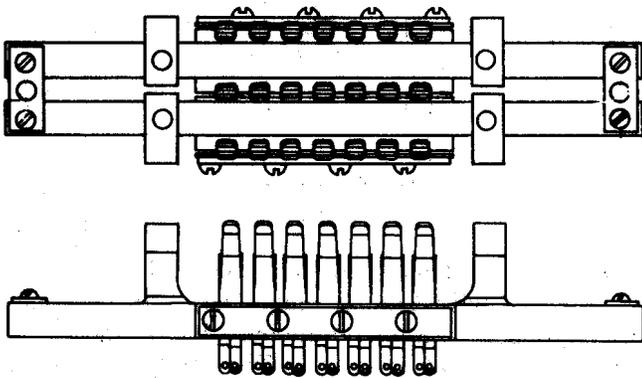


Fig. 5—310 Jack

**2.06 311:** This multicontact jack (Fig. 6) is used with the 300A plug. This jack is designed for switching or patching in emergency switching and patching plug and jack equipment of dial offices. The contacts are insulated from each other and arranged in pairs. The 311 jack is provided with guide holes

designed to engage with the guide posts of associated plugs for centering contacts of plugs and jacks. This jack has 28 pairs of contacts.

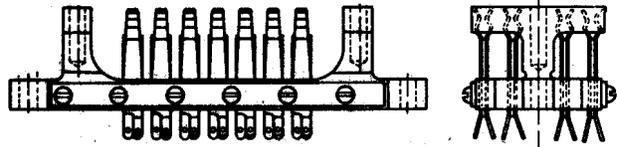


Fig. 6—311 Jack

**2.07 312:** This multicontact jack (Fig. 7) is used with the 231 plug and designed for switching or patching in emergency switching and patching plug and jack equipment in dial offices. The contacts are insulated from each other and are arranged in pairs. The 312 jack is provided with guide holes arranged to engage with guide posts of associated plugs for centering contacts of plugs and jacks. This jack has 18 pairs of contact springs.

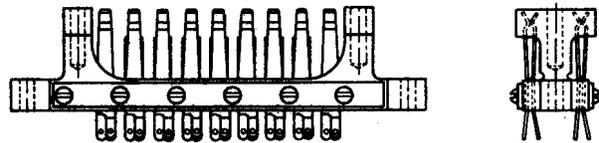


Fig. 7—312 Jack

**2.08 315:** (A & M only.) This apparatus should be ordered only for additions or maintenance of existing equipment arranged for this type of apparatus. This multicontact jack (Fig. 8) is used with the 233 plug. This jack is designed for switching in emergency switching and patching plug and jack equipment in dial offices. The contacts are insulated from each other and are arranged in pairs. The 315 jack is provided with guide holes arranged to engage with guide posts of associated plugs for centering contacts of plugs and jacks. This jack has 33 pairs of contact springs.

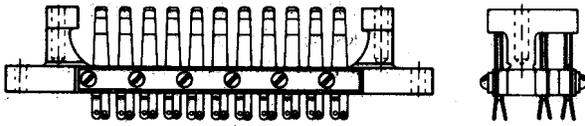


Fig. 8—315 Jack

**2.09 323C:** This single-mounted jack (Fig. 9) is used with the 309 or similar-type plugs. The 323C jack is heavily insulated.

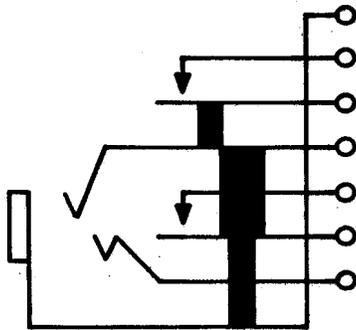


Fig. 9—323C Jack

**2.10 324C:** This single-mounted jack (Fig. 10) is used with the 310 or similar-type plugs. The 324C jack is heavily insulated.

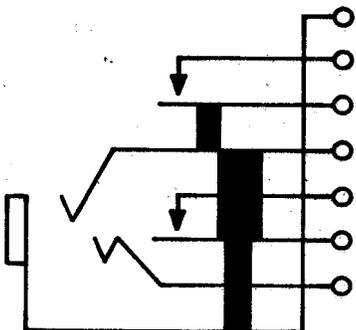


Fig. 10—324C Jack

**2.11 326A, C, AM, and CM:** These single-mounted jacks (Fig. 11) are used with the 310 or similar-type plugs. These jacks are intended to be mounted with the springs in a vertical plane. The 326AM and CM jacks are equipped with mechanically wrapped terminals.

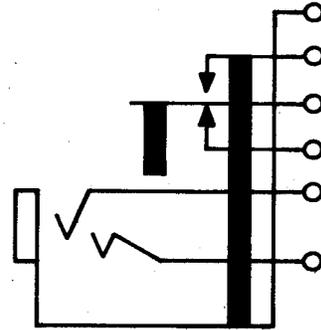


Fig. 11—326-Type Jack

**2.12 327C:** This single-mounted jack (Fig. 12) is used with the 347 plug. The 327C jack is heavily insulated.

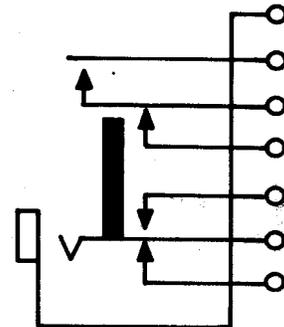


Fig. 12—327C Jack

**2.13 328:** This multicontact jack (Fig. 13) is used with the 240A plug. This jack is primarily used on the 931-type mounting plates in connection with repeaters in Step-by-Step Switching Systems. This jack is provided with a number plate holder. The terminals are designed for mechanically wrapped connections.

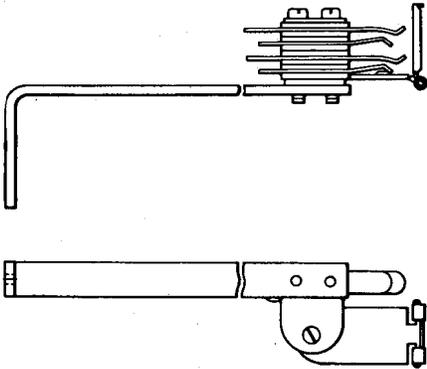


Fig. 13—328 Jack

**2.14 344 and 344E:** These multicontact jacks (Fig. 14) are used with the 242A plug and have eight pairs of contacts. These jacks consist of a wooden strip on which are mounted a number of pairs of contact springs. These jacks are intended to be mounted on the shelf framework used for mounting wired assemblies of Step-by-Step Dial Switching Systems and to engage the plugs mounted on the rear of the mounting plates of these assemblies. These jacks are furnished with the springs adjusted, but can be adjusted when assembled in equipment units so that the two springs in any or all sets of the springs will make contact with each other when the plug is removed.

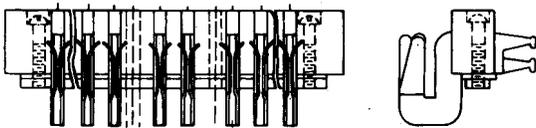


Fig. 14—344 or 344E Jack

- (a) **344:** The 344 jack has phenol fiber insulation between the adjacent contact springs and between the wooden strip and the retaining strip.
- (b) **344E:** The 344E jack has hard rubber insulation between adjacent contact springs and between the wooden strip and the retaining strip.

**2.15 345 and 345E:** These multicontact jacks

(Fig. 15) are used with the 242B plug and have ten pairs of contacts. These jacks consist of a wooden strip on which are mounted a number of pairs of contact springs. These jacks are designed for mounting on the shelf frame work used for mounting wired assemblies of Step-by-Step Dial Switching Systems and to engage the plugs mounted on the rear of the mounting plates of these assemblies. These jacks are furnished with the springs adjusted, but can be adjusted when assembled in equipment units so that the two springs in any or all sets of the springs will make contact with each other when the plug is removed.

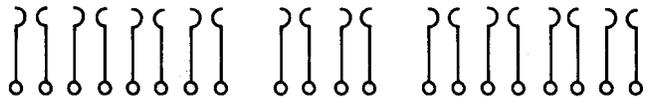


Fig. 15—345 or 345E Jack

- (a) **345:** The 345 jack has phenol fiber insulation between the adjacent contact springs and between the wooden strip and the retaining strip.
- (b) **345E:** The 345E jack has hard rubber insulation between adjacent contact springs and between the wooden strip and the retaining strip.

**2.16 346 and 346E:** These multicontact jacks (Fig. 16) are used with the 242C plug and have ten pairs of contacts. These jacks consist of a wooden strip on which are mounted a number of pairs of contact springs. These jacks are designed for mounting on the shelf framework used for mounting wired assemblies of Step-by-Step Dial Switching Systems and to engage the plugs mounted on the rear of the mounting plates of these assemblies. These jacks are furnished with the springs adjusted, but can be adjusted when assembled in equipment units so that the two springs in any or all sets of the springs will make contact with each other when the plug is removed.

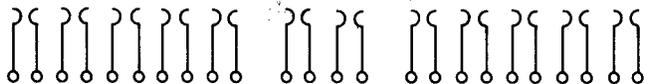


Fig. 16—346 or 346E Jack

(a) **346:** The 346 jack has phenol fiber insulation between the adjacent contact springs and between the wooden strip and the retaining strip.

(b) **346E:** The 346E jack has hard rubber insulation between adjacent contact springs and between the wooden strip and the retaining strip.

**2.17 347:** (A & M only.) This apparatus should be ordered only for additions or maintenance of existing equipment arranged for this type of apparatus. This strip-mounted jack (Fig. 17) is used with the 310 plug. This jack is furnished only on orders for jack mountings. The 347 jack mounts in the 109, 110, 116, 131, 136 and 137 jack mountings. This jack is used in the 109A multiple magnetic switchboard and equipped with heavy contacts on the tip spring combination.

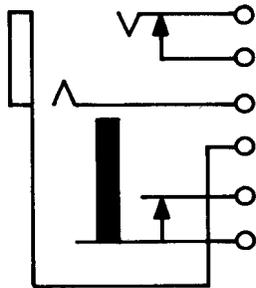


Fig. 17—347 Jack

**2.18 348:** This multicontact jack (Fig. 18) is used with the 240A or similar-type plug. This jack consists of a metal bracket on which are mounted two pairs of contact springs insulated from each other. This jack is intended primarily for terminating tests or talking lines in Step-by-Step Switching Systems. The terminals on this jack are arranged for mechanically wrapped connections. This jack is intended to mount apparatus pawl used in the 933D or similar-type mounting plates.

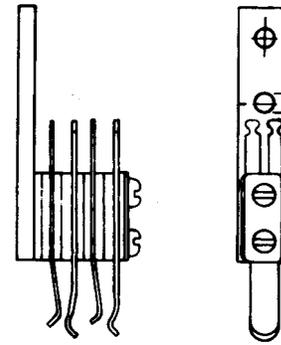


Fig. 18—348 Jack

**2.19 349A and B:** These multicontact jacks (Fig. 19) are used with the 240A or similar-type plugs. These jacks consist of a metal bracket on which there are mounted two pairs of contact springs insulated from each other. These jacks are designed primarily for terminating tests or talking lines in step-by-step switching systems.

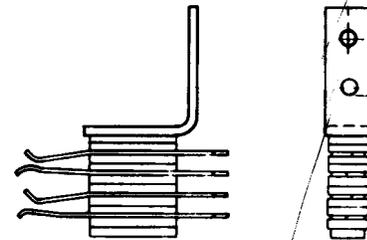


Fig. 19—349A or B Jack

(a) **349A:** The 349A jack is intended to mount on the framework of the line switchboards.

(b) **349B:** The 349B jack is used in the J94002AB auxiliary transmission test set in common systems. The terminals are designed for mechanically wrapped connections.