

**TOOL KITS II**  
**DESCRIPTION**  
**TOOLS**

**1. GENERAL**

**1.01** This section describes Bell System coded tool kits within the part or type number range of 1018 through 1030.

**1.02** The reasons for reissuing this section are listed below. Since this is a general revision, revision arrows have been omitted. The Equipment Test List is not affected.

(a) To add 1023A, 1024A, 1025A, 1026A, and the 1030A tool kits

(b) To update the practice to standard format.

**1.03** See the tool index for other kit practices.

**2. DESCRIPTION OF TOOLS**

**2.01 1018A:** The 1018A tool kit is furnished as part of the 1017A tool kit. The tool kit is used in removing and replacing cards on AF-, AG-, AJ-, and AK-type relays. This tool kit includes the following items:

QTY	DESCRIPTION
1	P-11H630, Det. 13, Comb
1	P-11H631, Det. 14, Comb
1	P-11H633, Det. 16, Lifter
1	840440168, Det. 35, Lifter
1	840286199, Det. 36, Lifter
1	840286207, Det. 37, Comb
1	840286215, Det. 38, Comb Lifter.

**2.02 1019A:** The 1019A tool kit is used to reduce system downtime when an adjacent failure

occurs on the 32K signal processor call store. This tool kit includes the following items:

QTY	DESCRIPTION
1	Cable No. 1: 808A equipped with one male KS-19279, L8, connector and hood and one female KS-19278, L6, connector and hood
1	Cable No. 2: 808A equipped with one male KS-19279, L8, connector and hood and one female KS-19278, L6, connector and hood
1	Cable No. 3: 808A equipped with one male KS-19279, L10, connector and hood and one female KS-19278, L9, connector and hood
1	Cable No. 4: 808A equipped with one male KS-19279, L8, connector and hood and one female KS-19278, L6, connector and hood
1	Cable No. 5: 808A equipped with one male KS-19279, L8, connector and hood and one female KS-19278, L6, connector and hood
1	Cable No. 6: 808A equipped with one male KS-19279, L8, connector and hood and one female KS-19278, L6, connector and hood
1	Cable No. 7: 808A equipped with one male KS-19279, L8, connector and hood and one female KS-19278, L6, connector and hood
1	Cable No. 8: 808A equipped with one male KS-19279, L10, connector

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Bell System except under written agreement

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**QTY DESCRIPTION**

and hood and one female KS-19278, L6, connector and hood.

**2.03 1021A:** The 1021A tool kit is part of a responder test and alignment feature of the 92A control unit. The tool kit is used to perform tests and alignment of 52-type responder units. This tool kit includes the following items:

- 1 842596405 Cable Assembly
- 1 101170314, 748A Extractor Tool
- 1 103191045, AAL1 Circuit Pack
- 1 103231049, 21A Extender Board
- 1 900315003, Screwdriver (R-3322 Xcelite).

**2.04 1022A:** The 1022A tool kit is part of a tone detector test feature of the 92A control unit. The tool kit is used to perform tests on 8-type tone detectors. This tool kit includes the following items:

**QTY DESCRIPTION**

- 1 842596017 Cable Assembly
- 1 103184438, AAM1 Circuit Pack.

**2.05 1023A:** The 1023A tool kit is used to build arrays on the ribbons of the LGA1-type lightguide cable in the field. The tool kit is used in conjunction with the 1030A tool kit to build these arrays. The tool kit consists of:

- 1—841A Tool
- 2—842A Tool
- 3—842B Tool
- 4—843A Tool
- 5—L-709700 Heater-Stripper
- 6—AT-7755 B Tray
- 7—20-inch X 24-inch piece of AT-7203 B Splice Cover.

**2.06 1024A:** The 1024A tool kit contains an 850A tool for mass terminating wires in 711 connec-

tor receptacles, spare tool parts, and a metal carrying case. The tool kit consists of the following:

- 1—A-359104, 850A Tool
- 1—Foam Tool Bag
- 1—Tool Box\*
- 2—842930513 Foam Pads
- 1—711 Connector Manual
- 1—842210965 Accessory Box, containing:
  - 4—A-359104, Item 95, Rubber Cords
  - 2—842209561 Cutting Blades
  - 4—842209678 Springs
  - 4—P40L260 Lock Washers
  - 4—A-359104, Item 57, Screws
  - 2—842209447 Mandrel Latch
  - 2—A-359104, Item 93, Compression Spring
  - 2—842209637 Mandrel Latch Screw
  - 1—900582925 Allen Wrench Set

\* Tool box is the same as 842930505, except labeled "1024A Tool Kit, 850A Tool."

**2.07 1025A:** The 1025A tool kit contains the three basic tools for use with the 711 connector: 850A (manually operated cutter-presser tool), 851A (manually operated tool for pressing and connecting 711 receptacles), and 852A (plier-like tool for making single-wire connections). The tool kit is equipped as follows:

- 1—A-359104, 850A Tool
- 1—A-359103, 851A Tool
- 1—A-359109, 852A Tool
- 1—Foam Tool Bag for 850A Tool
- 1—Foam Tool Bag for 851A Tool
- 1—Tool Box\*

- 2—842930513 Foam Pads
- 1—711 Connector Manual
- 1—842210965 Accessory Box, containing:
  - 4—A-359104, Item 95, Rubber Cords
  - 2—842209561 Cutting Blades
  - 4—842209678 Springs
  - 4—P40L260 Lock Washers
  - 4—A-359104, Item 57, Screws
  - 2—842209447 Mandrel Latch
  - 2—A-359104, Item 93, Compression Spring
  - 2—842209637 Mandrel Latch Screw
  - 1—900582925 Allen Wrench Set
- 4—842209678 Springs
- 4—P40L260 Lock Washers
- 4—A-359104, Item 57, Screws
- 2—842209447 Mandrel Latch
- 2—A-359104, Item 93, Compression Spring
- 2—842209637 Mandrel Latch Screw
- 1—900582925 Allen Wrench Set
- 4—842209678 Springs
- 2—842209447 Mandrel Latch
- 2—A-359104, Item 93, Compression Spring
- 2—842209637 Mandrel Latch Screw
- 1—900582925 Allen Wrench Set
- 4—842209678 Springs
- 2—842209447 Mandrel Latch
- 2—A-359104, Item 93, Compression Spring
- 2—842209637 Mandrel Latch Screw
- 1—900582925 Allen Wrench Set
- 1—103059077, 710A1 Base
- 1—103059085, 710A2 Tool Clamp
- 1—103059093, 710A3 Swivel Bar
- 1—103059101, 710A4 Tube Clamp
- 1—103059119, 710A5 Vise
- 1—103059127, 710A6 Swivel Bar and Knob
- 1—103059135, 710A7 Tube/Tool Clamp
- 1—103059143, 710A8 90° Mount.

\* Tool box is the same as 842930505 except labeled "1025A Tool Kit, 850A, 851A, 852A Tools."

**2.08 1026A:** The 1026A tool kit contains the basic tools and tool mounting fixtures for wiring and assembling 711 connectors in either on-site or shop areas. The tool mounts are designed for use in crossbar and step-by-step offices. The tool kit is equipped as follows:

- 1—A-359104, 850A Tool
- 1—A-359103, 851A Tool
- 1—A-359109, 852A Tool
- 1—Foam Tool Bag for 850A Tool
- 1—Foam Tool Bag for 851A Tool
- 1—Tool Box\*
- 2—842930513 Foam Pads
- 1—711 Connector Manual
- 1—842210965 Accessory Box, containing:
  - 4—A-359104, Item 95, Rubber Cords
  - 2—842209561 Cutting Blades

\* Tool box is the same as 842930505, except labeled "1026A Tool Kit."

**2.09 1030A:** The 1030A tool kit is intended for use in splicing LGA1-type multifiber lightguide cable. The tool kit is packaged in two containers which are equipped as follows:

CONTAINER A	
ITEM NO.	PART
1	High Intensity Light
2	Heat Strip
3	24A Shelf
4	933A Tool
5	939B Tool
6	5X Eye Loupe
7	10X Eye Loupe

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<b>ITEM NO.</b>	<b>PART</b>	<b>ITEM NO.</b>	<b>PART</b>
8	6-inch scale	12	TYGON* Tubing
9	Plastic Bottle	13	Vacuum Gauge
	<b>CONTAINER B</b>	14	Vacuum Tube
10	Vacuum Pump	15	2-10 oz. Bottles of Oil.
11	Pump Fittings		

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