

Superseded by Sig 788 GR-4, March 1952

**ARMY SERVICE FORCES  
CATALOG**

**SIG 7-BD-70**

**SIGNAL SUPPLY CATALOG**

*Organizational Spare Parts for  
Switchboard BD-70*

The following catalog section is also necessary for organizational maintenance of the above equipment.

SIG 7-GR-4

Section SIG 7 lists the authorized allowance of spare parts and major components for first and second echelon using organizations. This section is comprised of 2 parts as follows:

- a. Authorized maintenance parts to be kept on hand by first and second echelon organizations.
- b. Basic issue items; a list of the component parts of the equipment showing the quantities of each that comprise a complete operating unit.

Replenishment of organizational stocks will be accomplished by requisition of individual items on the W.D., A.G.O. Form 446, "Property Issue Slip." Equipment item numbers should be shown on all requisitions at the end of the Nomenclature and will serve as additional item identification.

**EXPENDABILITY**

Expendability of individual items will be in accordance with Supply Bulletins 11-1, 22 January 1944, and 11-2, 10 March 1944, pending publication of SIG 5 revisions which will show expendability of all items stored and issued by the Signal Corps.

*Headquarters, Army Service Forces      15 August 1944*

HEADQUARTERS, ARMY SERVICE FORCES,

WASHINGTON 25, D. C., 15 AUGUST 1944.

Army Service Forces Signal Supply Catalog SIG 7-BD-70, organizational Maintenance Parts for Switchboard BD-70, has been prepared under the supervision of the Chief Signal Officer and is published for the information and guidance of all concerned.

[SPX 461 (11 Aug. 44).]

BY COMMAND OF LIEUTENANT GENERAL SOMERVELL:

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IBn 6: T/O 6-75;

IBn 11: T/O & E 11-15, 11-95;

IC 6: T/O 6-77;

IC 11 (17): T/O 11-127;

IC 11 (6): T/O & E 11-7, 11-47, 11-57, 11-67, 11-107, 11-317, 11-327,  
11-517, 11-557, 11-577, 11-587, 11-592, 11-597.

For explanation of symbols, see FM 21-6.

**Section A**  
**AUTHORIZED MAINTENANCE PARTS**  
**SWITCHBOARD BD-70**

Reference No.	Illustration Fig. No.	Equipment Item No.	Stock No.	Nomenclature	Unit of Measure	Organizational Spare Parts			
						Quantity per assembly	Running spares 1st Ech.	2d echelon stocks	Equipment to be maintained
1-3	4-7	8-15	16-30	31-70	71-130				
PART I									
BD70/31.....	3B29.....	BATTERY BB-29, 4 volts, 90 amp hours.....	ea--	2	2	3	5	8	16
BD70/19.....	4C2504A.....	CAP, LAMP WHITE.....	ea--	6	6	6	6	6	25
BD70/8.....	6Z1747-4.....	CATCH, malleable iron; Parkerized with brass pins, Dent Mfg. Co. #642-C or Sargent & Co. #3900 PH-M.	ea--	3	3	1	1	2	3
BD70/12.....	3Z22603, 15.....	FUSE, 3 amps, battery and heater circuit.....	ea--	4	10	1	2	3	9
BD70/14.....	4C53504.....	GUARD, drop and contact; Kellogg #ES-3104-.....	ea--	6	6	1	1	2	3
BD70/33.....	2Z25925.....	LAMP 1.N-25, 6-8 volts, 15 amps, miniature screw base, Mazda #40.	ea--	6	7	12	20	35	60
		LAMP, Mazda #81.....	ea--	3	3	5	7	12	20
		LAMP, 6-8 volt, trouble, Mazda #82-.....	ea--	1	2	2	3	5	20
		LAMP, switchboard, 6 volts, 3 amps, Western Electric Co. #E2.....	ea--	6	10	2	3	5	25
		TOOL, lamp extractor; Western Electric Co. #553-A.....	ea--	1	1	1	1	2	3
		TOOL, lamp cap extractor; Western Electric Co. #319-B.....	ea--	1	1	1	1	2	3
		TOOL, relay spring adjuster; Western Electric Co. #340.....	ea--	1	1	1	1	2	3

## Section B

## BASIC ISSUE ITEMS

## SWITCHBOARD BD-70 (4G4770)

The following items comprise the basic issue equipment and consist of those items supplied for initial operation and for running spares in accordance with the authentic P & I C and sub-assembly control lists.

Nomenclature	Stock No.	Unit of Measure per assembly	Unit of Quantity	
			Quantity per assembly	Running Spare
<b>SWITCHBOARD BD-70.</b> Includes the following items:	4G4770	ea	1	-----
CAP: LAMP; WHITE	4C2504A	ea	-----	1
FUSE: 3 amps; 250 volts	3Z2603, 15	ea	-----	6
LAMP: MAZDA S1; 6-8 volts; single contact bayonet base	6Z6806, 14	ea	-----	10
LAMP: MAZDA S2; 6-8 volts; double contact bayonet base	2Z5929, 3	ea	-----	3
LAMP: SWITCHBOARD: 0.085-0.120; 20 volts	4C5492E	ea	-----	2
LAMP: TROUBLE; 6-8 volts	6Z6897-4	ea	-----	10
TOOL: SWITCHBOARD (lamp extractor)	GR40916	ea	1	-----
TOOL: SWITCHBOARD (relay adjusting)	GR41012	ea	1	-----
TOOL: SWITCHBOARD (lamp cap extractor)	GR41119	ea	3	-----
			1	-----

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