

Superseded by Sig 7+8-BC-191, 10 Sept. 1948

**ARMY SERVICE FORCES
CATALOG**

SIG 7-BC-191

Ref. TM 11-008

SIGNAL SUPPLY CATALOG

Organizational Spare Parts for
Radio Transmitter
BC-191-A, C, D, E, F, N

Supersedes SIG 7-BC-191 dated 30 August 1944

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 of authorized maintenance parts.

EXPENDABILITY

Expendability of individual items will be in accordance with latest edition of Signal Supply Catalog SIG 5 which shows expendability of all items stored and issued by the Signal Corps.

Headquarters, Army Service Forces 28 February 1946

597762°—10079E/443

HEADQUARTERS, ARMY SERVICE FORCES,
WASHINGTON 25, D. C., 28 FEBRUARY 1945.

Army Service Forces Signal Supply Catalog SIG 7-BC-191, Organizational Spare Parts for Radio Transmitter BC-191-A, C, D, E, F, N, has been prepared under the supervision of the Chief Signal Officer, and is published for the information and guidance of all concerned.

[SPX 461 (31 Jan. 45).]

BY COMMAND OF LIEUTENANT GENERAL SOMERVELL:
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*Lieutenant General, U. S. A.,
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For explanation of symbols, see FM 21-6.

Section A
 AUTHORIZED MAINTENANCE PARTS
 RADIO TRANSMITTER BC-191-A, C, D, E, F, N

| Reference Symbol | Illustration Figure No. | Equipment Item No. | Stock No. | Nomenclature | Unit of Measure | Quantity per equipment | Running spares (1st ech.) | Organizational Spare Parts | | | |
|------------------|-------------------------|--------------------|------------------------------|--|-----------------|------------------------|---------------------------|----------------------------|-----|------|--|
| | | | | | | | | 2nd echelon stocks | | | |
| | | | | | | | | Equipment to be maintained | | | |
| | | | | | | | | 1-2 | 3-7 | 8-15 | |
| | | | 2C6191. 6 | RADIO TRANSMITTER BC-191-A, C, D, E, F, N, AM, frequency range 400 to 800 and 1500 to 4500 kc, output, voice 25 watt, CW 60 watt, input voltage, fil 12 volt, plate 1000 volt (for Radio Set SCR-177). | | | | | | | |
| | | | 2C6191. 7 | RADIO TRANSMITTER BC-191-A, C, D, E, F, N, AM, frequency range 1500 to 12,500 kc, output, voice 25 CW watt, 60 watt, input voltage, fil 12 volt, plate 1000 volts (for Radio Set SCR-188). | | | | | | | |
| | | | 2C6191. 8 | RADIO TRANSMITTER BC-191-A, C, D, E, F, N, AM, frequency range 1500 to 6200 kc, output, voice 25 watt, CW 60 watts, input voltage, fil 12 volts, plate 1000 volts (for Radio Set SCR-193). | | | | | | | |
| | | | 2C6191. 9 | RADIO TRANSMITTER BC-191-A, C, D, E, F, N, AM, frequency range 3000 to 6200 kc, output, voice 25 watts, CW 60 watts, input voltage, fil 12 volts, plate 1000 volts (for Radio Set AN/VRC-1). | | | | | | | |
| | | | (Order through AGO channels) | TECHNICAL MANUAL TM 11-800 | ea. | 2 | | | | | |
| 1172 | | BC191/21 | 3Z1912A | FUSE, cartridge, Sig C Fuse FU-12-A, 1/2 amp, 1000 volt one-time, fibre body, ferrule ends 13/64" diam x 3" lg, Littlefuse #2102, G. E. Dwg #K-7871111 (high voltage plate supply). | ea. | 1 | 2 | 7 | 14 | 25 | |
| 1122 | | BC191/39. 3 | 2Z5927 | LAMP, incandescent, Sig C Lamp LM-27, 6-8 volt, .25 amps, bulb T-3 1/4 clear, 1 3/16" lg overall, miniature bayonet base, Mazda #44 (pilot lamp). | ea. | 1 | 2 | 1 | 3 | 4 | |

| Reference Symbol | Illustration Figure No. | Equipment Item No. | Stock No. | Nomenclature | Unit of Measure | Quantity per equipment | Running spares (1st ech.) | Organizational Spare Parts | | | |
|------------------|-------------------------|--------------------|-----------|---|-----------------|------------------------|---------------------------|----------------------------|-----|------|--|
| | | | | | | | | 2nd echelon stocks | | | |
| | | | | | | | | Equipment to be maintained | | | |
| | | | | | | | | 1-2 | 3-7 | 8-15 | |
| 01105 | | BC191/90 | 6R57400 | WRENCH, "L" shaped, $1\frac{1}{4}$ " x $1\frac{1}{4}$ " x $\frac{3}{4}$ " thk, hex ends, size of hollow screw #8, G. E. Dwg #K-7868935P1 (for set screw knobs). | ea | 2 | | 1 | 1 | 1 | |
| | | BC191/110 | 2J10Y | TUBE, electron, JAN-10Y (VT-25) | ea | 1 | 1 | 1 | 1 | 1 | |
| | | BC191/111 | 2J211 | TUBE, electron, JAN-211 | ea | 4 | 2 | 1 | 2 | 4 | |
| | | | | Estimated weights | lbs | | | 8 | 8 | 9 | |
| | | | | Estimated volume | cu ft | | | .4 | .4 | .4 | |

Section B
BASIC ISSUE ITEMS

RADIO TRANSMITTER BC-191 (used with AN/VRC-1, SCR-177-B, SCR-188-A, SCR-193, 2C6191.9, 2C6191.6, 2C6191.7, 2C6191.8)

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 | Used with AN/VRC-1 | Used with SCR-177-B | Used with SCR-188-A | Used with SCR-193 | Unit Quantity | | |
|---|---------------------------|-----------------|--------------------|---------------------|---------------------|-------------------|------------------------|----------------|-------|
| | | | | | | | Quantity per Equipment | Running Spares | Total |
| RADIO TRANSMITTER FOR AN/VRC-1..... | 2C6191.9 | ea | | | | | 1 | | 1 |
| RADIO TRANSMITTER FOR SCR-177-B..... | 2C6191.6 | ea | | | | | 1 | | 1 |
| RADIO TRANSMITTER FOR SCR-188-A..... | 2C6191.7 | ea | | | | | 1 | | 1 |
| RADIO TRANSMITTER FOR SCR-193..... | 2C6191.8 | ea | | | | | 1 | | 1 |
| (Includes the following items) | | | | | | | | | |
| CASE CS-48..... | 2Z1848 | ea | * | | | | 1 | | 1 |
| CASE CS-48..... | 2Z1848 | ea | | * | | * | 2 | | 2 |
| CASE CS-48..... | 2Z1848 | ea | | | * | | 5 | | 5 |
| FUSE FU-12, ½ amp, 1000 volt, Littelfuse #2102 .. | 3Z1912 | ea | * | * | * | * | 1 | 2 | 3 |
| LAMP LM-27, Mazda #44, 6-8 volt, 0.25 amp..... | 2Z5927 | ea | * | * | * | * | 1 | 2 | 3 |
| MOUNTING FT-151..... | 2Z6691 | ea | | | * | | 1 | | 1 |
| MOUNTING FT-151-B..... | 2Z6691B | ea | * | * | | * | 1 | | 1 |
| SOCKET CAP M-163-A..... | 2Z8793A | ea | * | * | * | * | 1 | | 1 |
| SOCKET CAP M-164-A..... | 2Z8794A | ea | * | * | * | * | 1 | | 1 |
| SOCKET CAP M-165-A..... | 2Z8795A | ea | * | * | * | * | 2 | | 2 |
| TECHNICAL MANUAL TM 11-800..... | (Order thru AGO channels) | ea | * | * | * | * | 2 | | 2 |
| TRANSMITTER TUNING UNIT TU-3..... | 2C8003.1 | ea | | * | | | 1 | | 1 |
| TRANSMITTER TUNING UNIT TU-5, 1500 to 3000 kc. | 2C8005.1 | ea | | * | * | * | 1 | | 1 |
| TRANSMITTER TUNING UNIT TU-6, 3000 to 4500 kc. | 2C8006.1 | ea | * | * | * | * | 1 | | 1 |
| TRANSMITTER TUNING UNIT TU-7, 4500 to 6200 kc. | 2C8007.1 | ea | * | | * | * | 1 | | 1 |
| TRANSMITTER TUNING UNIT TU-8, 6200 to 7700 kc. | 2C8008.1 | ea | | | * | | 1 | | 1 |

| Nomenclature | Stock No. | Unit of Measure | Used with AN/VRC-1 | Used with SCR-177-B | Used with SCR-188-A | Used with SCR-193 | Unit Quantity | | |
|--|-----------|-----------------|--------------------|---------------------|---------------------|-------------------|------------------------|----------------|-------|
| | | | | | | | Quantity per Equipment | Running Spares | Total |
| TRANSMITTER TUNING UNIT TU-9, 7700 to 10,000 kc. | 2C8009.1 | ea | ----- | ----- | * | ----- | 1 | ----- | 1 |
| TRANSMITTING TUNING UNIT TU-10, 10,000 to 12,500 kc. | 2C8010.1 | ea | ----- | ----- | * | ----- | 1 | ----- | 1 |
| TUBE JAN 10Y----- | 2J10Y--- | ea | * | * | * | * | 1 | 1 | 2 |
| TUBE JAN 211----- | 2J211--- | ea | * | * | * | * | 4 | 2 | 6 |
| WRENCH, HEX, 1/4"----- | 6R57400- | ea | * | * | * | * | 4 | ----- | 4 |

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