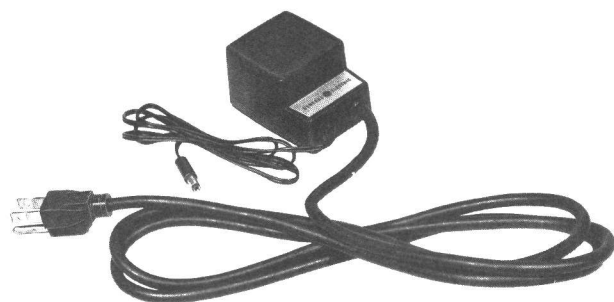
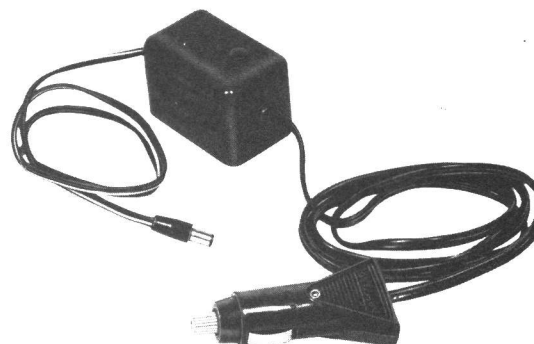


Porta-Mobile II™

**AC CHARGER COMBINATIONS 371L1A1X AND 371L1A3X
MOBILE CHARGER COMBINATION 375C1A1X**



AC CHARGER



MOBILE CHARGER

SPECIFICATIONS *

Combination Number	<u>371L1A1X & 371L1A3X</u>	<u>375C1A1X</u>
Used With	Porta•Mobile II Two-Way Radios	
Input Voltage	121 VAC (50/60 Hz)	13.8 VDC
Polarity		Negative Ground only
Input Current (Charging)	600 milliamps 400 milliamps (371L1A3X)	390 to 500 milliamps

*These specifications are intended primarily for the use of the serviceman. Refer to the appropriate Specification Sheet for the complete specifications.

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COMBINATION NOMENCLATURE

1st Digit	2nd Digit	3rd Digit	4th Digit	5th Digit	6th Digit	7th Digit	8th Digit
Product Line	Application	Package	Input Voltage	Charge Time	Version	Type	Frequency Range
3 Charger	7 Porta• Mobil II	1 AC Charger	C -12 VDC (Neg GRD)	1 16-Hour	A 1 Charge Socket	1	X Not Range Sensitive
		5 Mobile	L 121 VAC 50/60 Hz			3	

WARNING

No one should be permitted to handle any portion of the equipment that is supplied with high voltage; or to connect any external apparatus to the units while the units are supplied with power. KEEP AWAY FROM LIVE CIRCUITS.

DESCRIPTION

Charger combinations 371L1A1X, 371L1A3X and 375C1A1X will recharge Porta•Mobile II™ battery pack 19D417815G1. Charger combination 371L1A1X and 371L1A3X are 121 VAC (50/60 Hz), AC chargers. Charger combination 375C1A1X is a -12 VDC (Negative Ground only) mobile charger and is powered from the cigarette lighter in an automobile. All charger combinations will recharge a fully discharged Porta•Mobile II battery pack in 16 hours.

AC charger combinations 371L1A1X and 371L1A3 are completely sealed and can only be repaired by the manufacturer.

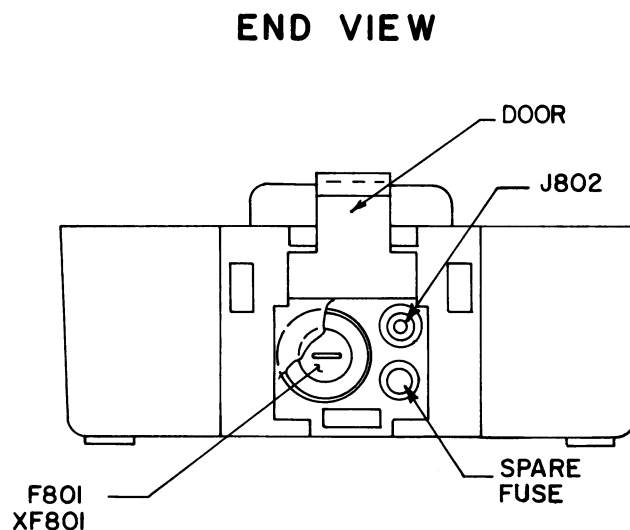
Mobile charger combination 375C1A1X consist of print wire board A1 with incandescent lamps DS1, DS2 and DS3 connected in parallel for current limiting. Should a lamp burn out, the amount of current available for recharging the battery pack will be reduced by a third.

A 5 ampere in-line fuse (F1) protects the vehicle system and charger input leads from a short circuit at the charger input.

Should a lamp need replacing in the mobile charger, remove the two screws holding the cover on the charger. Remove the cover. Replace the defective lamp. Refer to the outline diagram listed in the Table of Contents.

Locate J802 under the small door on the end of Porta•Mobile II battery pack 19D417815G1 (see figure 1). Plug P2 of the charger into J802 on the battery pack.

To use mobile charger combination 375C1A1X, plug P1 of the charger into the cigarette lighter of an automobile. Locate J802 under the small door on the end of Porta•Mobile II battery pack 19D417815G1 (see Figure 1). Plug P2 of the mobile charger into J802 on the battery pack.



OPERATION

To use AC charger combinations 371L1A1X and 371L1A3X, plug the AC power plug into a 121 VAC (50/60 Hz) outlet.

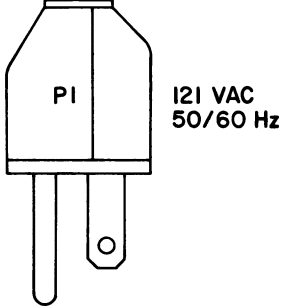
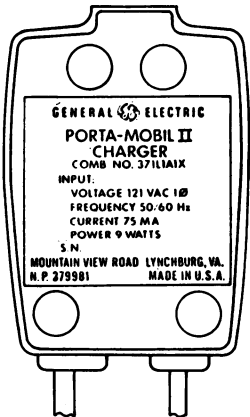
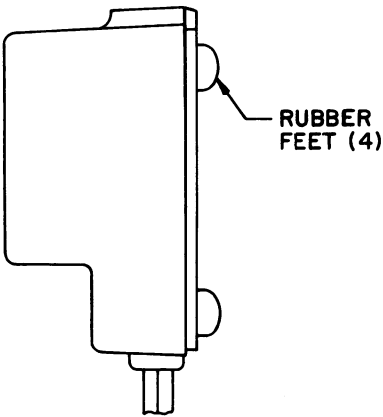
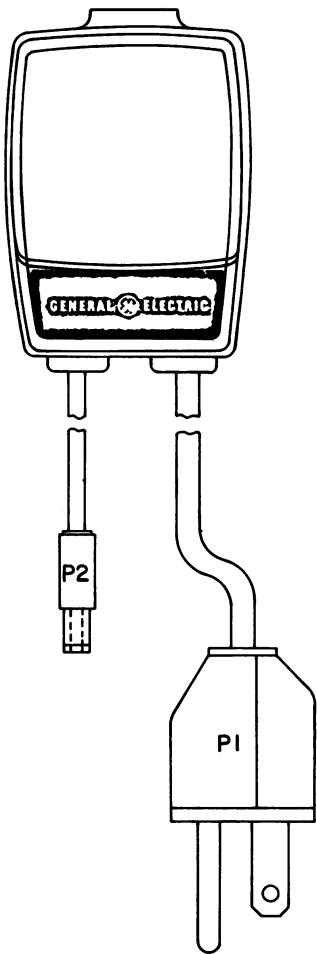
RC - 3191

Figure 1 - Battery Pack

GENERAL ELECTRIC COMPANY • MOBILE COMMUNICATIONS DIVISION
WORLD HEADQUARTERS • LYNCHBURG, VIRGINIA 24502 U.S.A.

GENERAL  **ELECTRIC***
U.S.A.

AC CHARGER



(19B232300, Rev. 0)

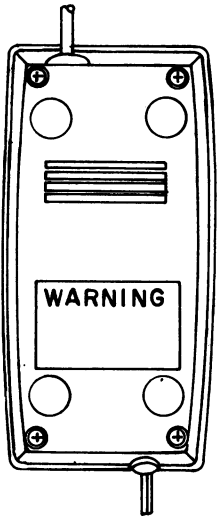
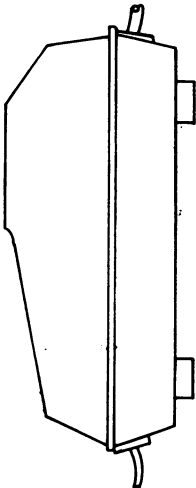
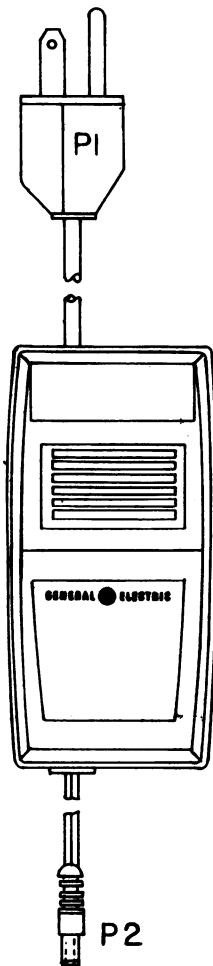
PARTS LIST

LBI-30561
PM II AC CHARGER COMBINATION
371L1A1X
19B226937G1

OUTLINE DIAGRAM AND PARTS LIST
AC CHARGER COMBINATION 371L1A1X

SYMBOL	GE PART NO.	DESCRIPTION
	19B209569P1	Battery Charger. 371L1A1X.
	NP279981	Nameplate. (IDENTIFICATION).
	NP279980	Nameplate. (GENERAL ELECTRIC).

AC CHARGER
371L1A3X



RC-3712

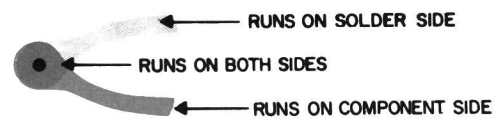
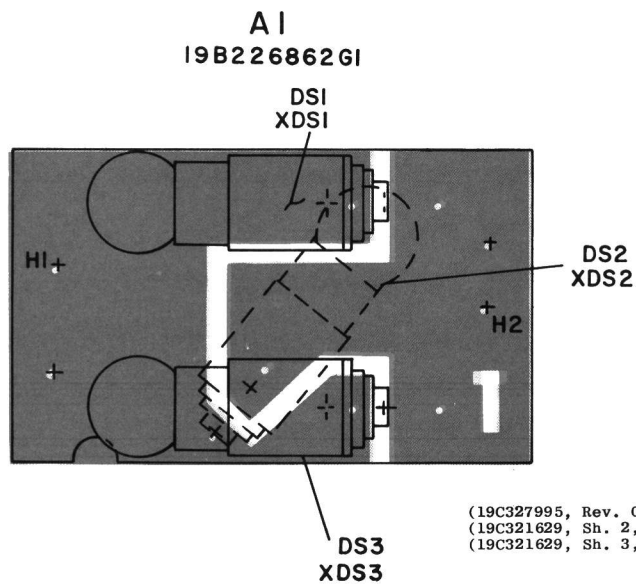
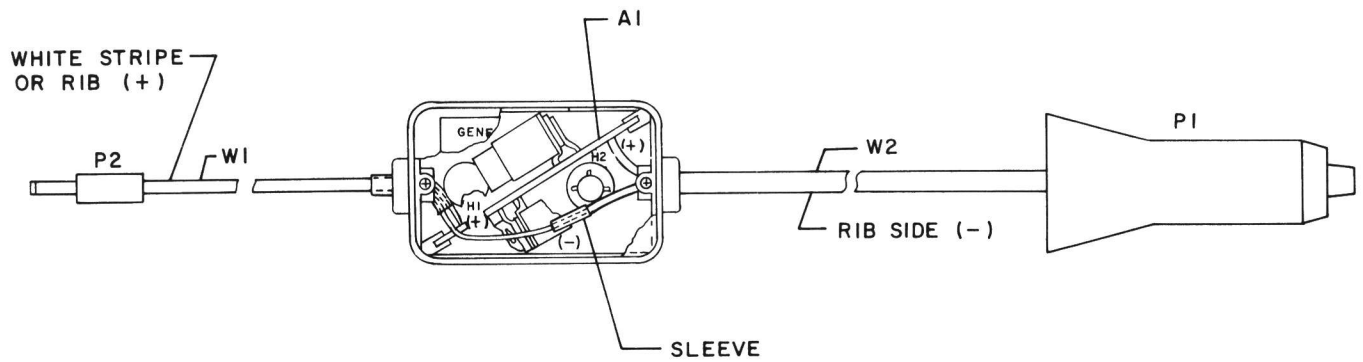
PARTS LIST

PM II AC CHARGER COMBINATION
371L1A3X

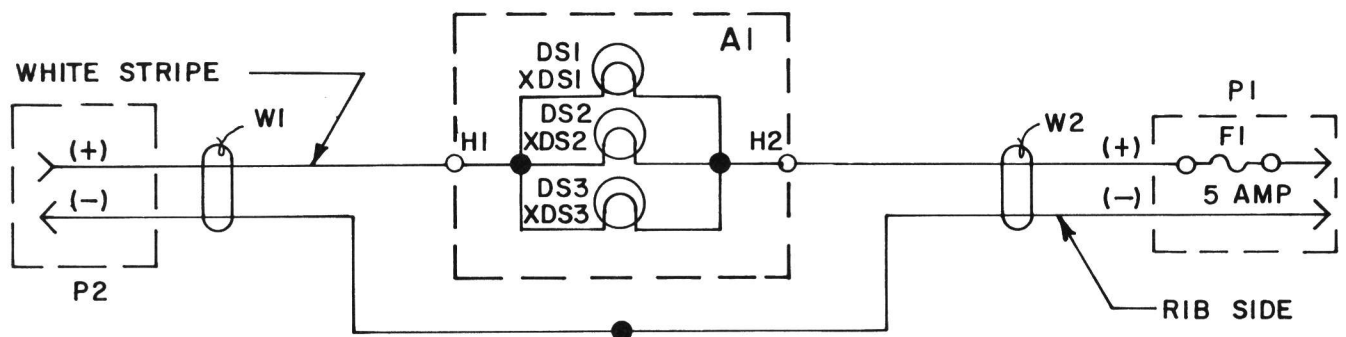
SYMBOL	GE PART NO.	DESCRIPTION
	19B209569P3	Battery Charger. 121 volt, 60 Hz, 90 ma, 10 Watt Input, 400 ma continuous; sim to D & B Power Inc. ICD-0400-8.
	NP280514	Nameplate. (GE Monogram).
	NP276466	Nameplate. (Warning- Hazardous Voltage).

OUTLINE DIAGRAM AND PART LIST

AC CHARGER COMBINATION 371L1A3X



(19C327995, Rev. 0)
 (19C321629, Sh. 2, Rev. 1)
 (19C321629, Sh. 3, Rev. 1)



(19B227125, Rev. 2)

OUTLINE AND SCHEMATIC DIAGRAM
 MOBILE CHARGER COMBINATION 375C1A1X

PARTS LIST

LBI-30562

PM 11 MOBILE CHARGER
COMBINATION 375C1A1X
19C321628G1

SYMBOL	GE PART NO.	DESCRIPTION
A1		LAMP BOARD 19B226862G1
		----- INDICATING DEVICES -----
DS1 thru DS3	19C307037P1	Lamp, incandescent: 7.5 v; sim to GE Lamp Dept. 51.
		----- SOCKETS -----
XDS1 thru XDS3	4038268P2	Lampholder: sim to Drake Mfg. Co. 4099-033.
		----- CABLES -----
W1	19A130815G1	Power: approx 27 inches long, includes P2 (19A134262P1).
W2		CABLE ASSEMBLY 19B226924G1
		----- FUSES -----
F1	5491272P8	Cartridge, medium blowing time: 5 amps at 125 volts; sim to Bussman MDX-5.
		----- PLUGS -----
P1	19A134220P1	Plug, special purpose: sim to A.G. Busch No. 80 with wire connector 80-2. (Includes F1).
		----- CABLES -----
	4033802P1	Cable, power: approx 48 inches long.
		----- MISCELLANEOUS -----
	19A134271P1	Insert, screw thread. (Quantity 2).
	19A116768P15	Bushing, strain relief. (Used with W1 and W2).
	4037158P26	Rubber channel. (Quantity 2).
	19B204949P1	Jewel: red plastic lens.
	N416P8	Lockwasher, internal tooth: No. 2. (Secures cover).
	N80P5003E	Machine screw: No. 2-56 x 3/16. (Secures cover).
	19C307038P6	Nut, push-on; sim to Tinnerman C15226SS-010. (Secures jewel).