

MAINTENANCE & TROUBLESHOOTING FOR VARITRONICS CALL SYSTEMS

Rev 1.2 (03/16/2004)

MAINTENANCE

1. Test all switch panels regularly. Bulbs and external fuses should be replaced on “and as needed” basis. Refer to the trouble shooting section for the proper replacement method for bulbs and external fuses.
2. It is recommended that the external surface of system panels be cleaned with a damp cloth only. Do not use harsh or abrasive chemicals to clean system panels. Do not use excessive water or liquids to clean panels.

TROUBLESHOOTING

If the Varitronics’ Call System does not function properly, check the following points before calling for factory assistance.

1. **FUSE REPLACEMENT:** If the system is completely nonfunctioning, replace any blown fuses as described below.

WARNING: The user shall only change the two external fuses. A qualified technician should change any internal fuses.

1.2 First turn the power switch off and disconnect the main AC plug on the power supply from the wall socket.

1.3 Turn the center part of the fuse holder counterclockwise until the holder comes out. If fuse is blown, replace fuse with a new of the same type and value. Push in and turn the fuse holder clockwise to tighten.

1.4 Use the following table for proper fuse ratings.

WARNING: Do not exceed the value of the fuse you are replacing. Severe damage to the equipment can occur. Possible fire hazard.

Location	Fuse	Type (100~120 Volt)
Power Supply Chassis (external)	Primary	* ASB
Power Supply Chassis (external)	Secondary	* A
Power Supply Chassis (internal)	Secondary	* ASB

* See labeling on power supply for correct fuse values.

2. BULB REPLACEMENT: If a bulb does not light, check to make sure that the associated switch is activated. If the lamp still does not light, replace the bulb with the same kind as instructed below.

WARNING: Do not use a higher wattage bulb. Only use the supplied bulb extractor to remove and replace bulbs. Do not use forceps or any other metal tipped device to extract bulbs. Severe damage to the equipment can occur.

2.1 First, turn the power supply off.

2.2 Remove the plastic lens cap from the switch or monitor light by grabbing it between you thumb and fore finger and firmly pull out.

2.3 Each system is supplied with a bulb extractor. Place the rubber tipped end of the extractor firmly over the bulb. Squeeze and pull forward to remove.

2.4 Place a new bulb of the same size and wattage into the extractor's rubber tip. Align the bulb, and then firmly push the bulb into its socket. Do not force bulb into its socket. Realign if necessary.

2.5 Turn the power supply on and test the bulb.

2.6 If bulb still fails to light, call factory.

Bulb	Mfg.	Device	Description
28ESB	JKL	L	Monitor Light
85	JKL	SM	Momentary Switch
28V40ma	JKL	SP	Paddle Switch