

The following Lancer dispensers now use a lead-free electronic ballast. The conversion kits for the new ballast are:

Dispenser	Kit PN
22", 25", 30" 4500, 230V	82-4091/01 Kit, Ballast, 1 Bulb
44" IBD 4500, 230V	82-4092 Kit, Ballast, 2 Bulb
22", 30" FS	82-4093 Kit, Ballast, 2 Bulb

Kits provide a self-tapping screw for older units where the hole pattern does not match. Ballasts come with wires attached and an instruction sheet with schematics.

NOTE: After installing the kit, if the ballast lights up momentarily, it could indicate that the lamp isn't properly seated or the wiring is incorrect. This does not mean the ballast needs to be replaced. Disconnect power in order to verify proper wiring (per schematic) and good connections prior to replacing the ballast. Reconnect power upon completion of inspection and/or replacement.



GROUNDING

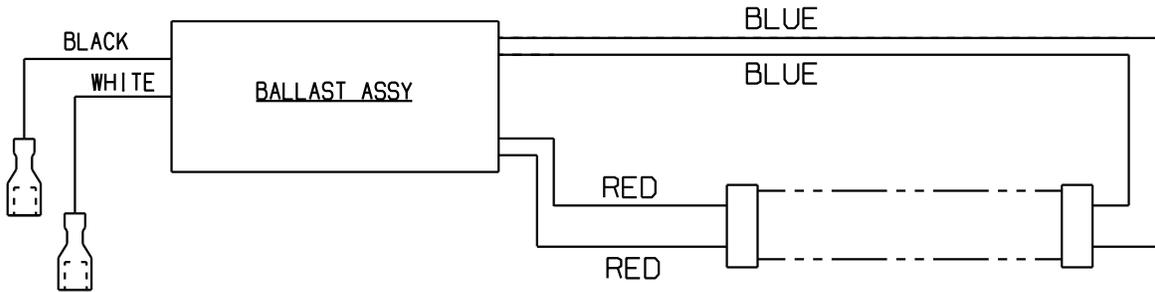
The dispenser must be properly electrically grounded to avoid serious injury or fatal electrical shock. The power cord has a three-prong grounded plug. If a three-hole grounded electrical outlet is not available, use an approved method to ground the unit. Follow all local electrical codes when making connections. Each dispenser must have a separate electrical circuit. Do not use extension cords. Do not connect multiple electrical devices on the same outlet.

ALWAYS disconnect power to the dispenser before attempting any internal maintenance. The resettable breaker switch should not be used as a substitute for unplugging the dispenser from the power source to service the unit. **NOTE:** the keyswitch does not turn off power to the dispenser. It must be physically unplugged.

Only qualified personnel should service the internal components of the dispenser. Avoid any contact with water when plugging in the dispenser.

(CONTINUED ON NEXT PAGE)

SCHEMATIC FOR USE IN ASSY WITH 1 LAMP



SCHEMATIC FOR USE IN ASSY WITH 2 LAMP

