

**TRONITEC SERVICE DOCUMENT (TSD#6)**  
**WAYNE CAT GRAPHIC DISPLAY SHOWING “INSERT CASH”**

Check the **+5 Vdc** on the display interface board (882440-R02), or the bezel control board (886142-R0x) if the system is a dual CAT. If the voltage is **above 4.8 Vdc**, change the 882440-R02 or 886142-R0x. If the voltage is **not above 4.8 Vdc**, the following are possible solutions, starting with the most common:

1. Replace the dual power supply, which is either the 880519-R01 or -R03 (Tronitec item# W127E or W145E), if any of the following are evident:
  - The power supply board's revision level is not above rev. N.
  - There are cold or cracking solder joints around any of the four leads on REG1 and/or REG2.
  - Any of the rubber safety vents on top of the large blue capacitors appear discolored or swollen.
2. On Vista Card systems, replace the following cables:
  - Wayne part# 850006-001 (Tronitec item# 6932). Cable between annunciator board and display interface board.
  - Wayne part# 881524-01 (Tronitec item# 6744). Cable between control board and annunciator board.
  - Wayne part# 880567-00X or 881510-001. Cable between the dual power supply and the control board. In later systems, this cable may also be part of assembly # 881984-0X.
3. On dual CAT systems, replace the following cables:
  - Wayne part# 883979-XXX. Data cable between the dual CAT board and J2 on the bezel control board.
  - Wayne part# 881984-01. Cable between the dual power supply and the dual CAT board.
4. Replace the keypad.
5. Install 891255-002, which is a card reader ground kit that when installed, helps dissipate the increased static shock to the electronics that is created by newer credit cards.

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