

# Troubleshooting the MC908AZ60 programming tool

If you should see, that S. sequence don't stop a long time, check V-OUT voltage on REG113 stabilizer (Figure 1). Correct value – 5 Volt! If voltage don't present replace stabilizer to other new, and make some changes that help to protect stabilizer in case of overload (Figure 4).

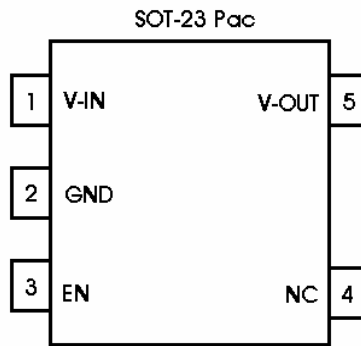


Figure1. Stabilizer pin-out

**CAUTION!!!** Power supply source voltage supplied to the MC68HC908AZ60 programming tool short range limited 11.0 – 13.0 Volt (Max.)

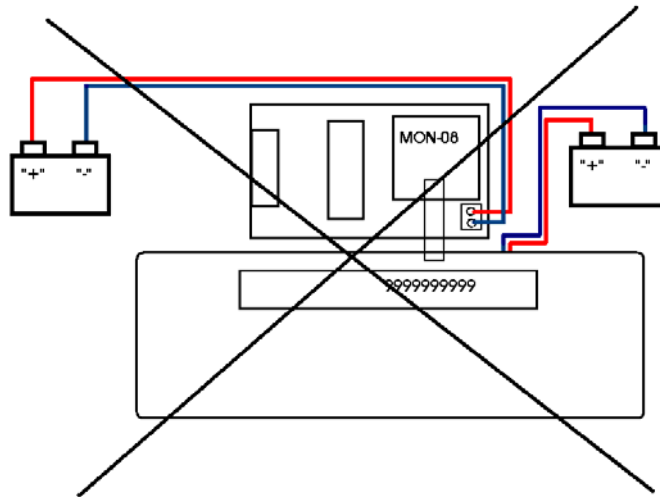


Figure2. Incorrect Connection to Power Supply source

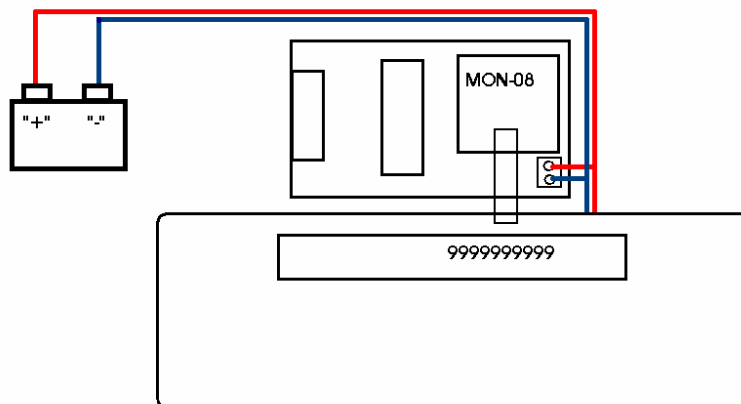
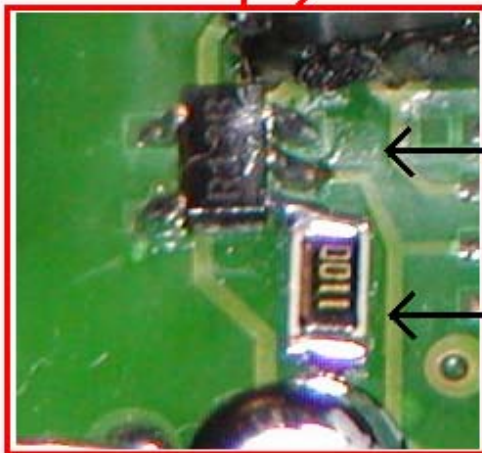
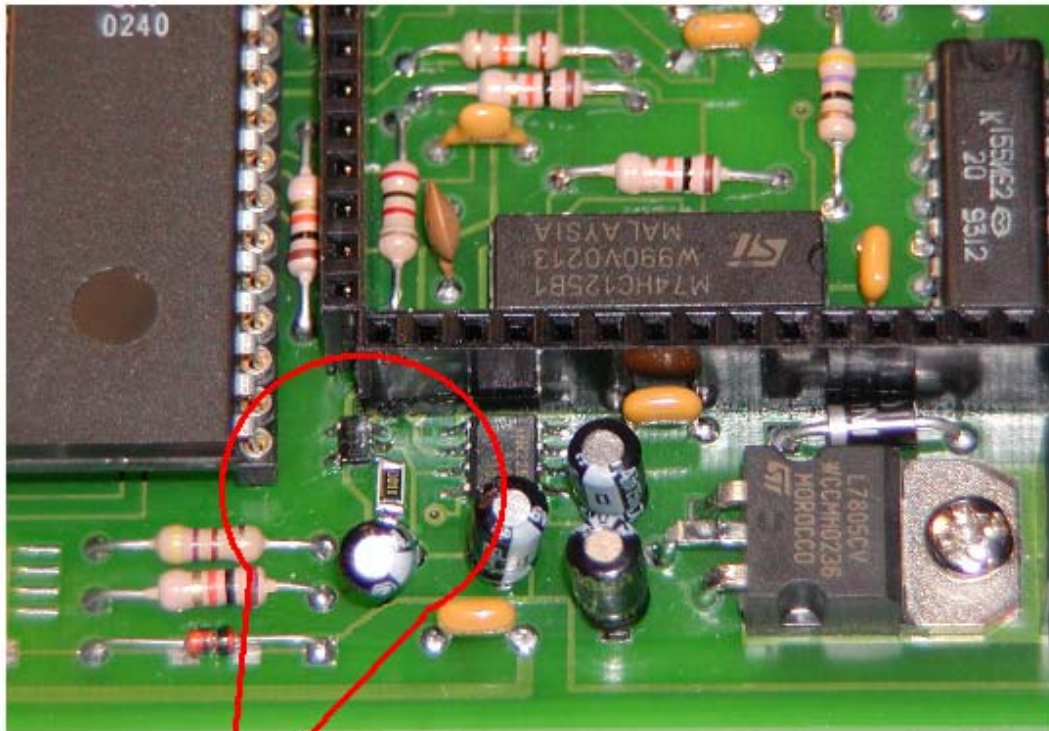


Figure3. Correct Connection to Power supply source



Replacement Stabilizer:  
1. TPS76350DBVT (Texas Instruments)  
2. REG113NA-5 DBV (Burr-Brown)

Additional resistor 100 Ohm

Cut wire and place additional resistor

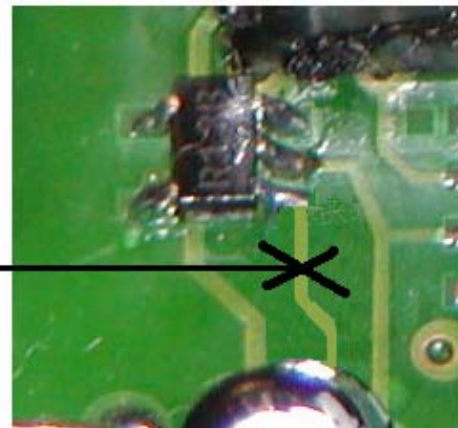


Figure4. Repair scheme

ETL 6.03.2003.