

S E R V I C E N O T E

SUPERSEDES: Z1090A-01

Z1090A-1 GM Tech 2 Display**Serial Numbers:** All units prior to date code 3750**GM Tech 2 Display Contrast****To Be Performed By:** Agilent authorized field bench repair centers only**Parts Required:**

442K resistor and a Thermistor supplied by ASD upon request.
Contact Jim Bradford 248 380 2369.

Situation:

Many of the Tech2's have what is described as a dim display when the unit is first powered up. Or it is described as the inability to store a contrast setting. Screens are also reported to wash out as operating temperature increases. This service note provides for a brighter display and temperature compensation to help regulate contrast setting.

Solution / Action:

The solution is replacement of R-264 with a 442K and a in series thermistor provided by ASD. R-264 is located just to the left of C-34 on the side of the card with the PCMCIA card holder. It should be noted that R-264 is a surface mount resistor and that the replacement resistor and thermistor are axial lead. Once the old R-264 is removed the remaining solder pads should be pre-tinned with a little solder. Then the resistor and thermistor can be prepared by cutting off one lead each to about 1/8 inch. Pre-tin both of the 1/8 inch leads.

Continued

DATE: September 1998

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR 0.5 Hours	
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		AGILENT RESPONSIBLE UNTIL: September 2004
AUTHOR: JB	ENTITY: 4222	ADDITIONAL INFORMATION: Contact Jim Bradford 248 380 2369 for inv.	

To install the components. Just heat up and melt the solder pads one at a time and insert the resistor then the thermistor onto the solder pads vertically. To finish the modification just twist the remaining top leads together and solder them. Cut off excess leads.

Field repair centers will have two options available to support the effected Tech2's.

1. Replace the XS-Main card with a new one.
2. If the repair center has a proper surface mount work station and expertise in surface component replacement. They may upgrade the resistor and thermistor locally.

NOTE

If option 1, is required. XS-Main replacement will be covered under normal product warranty. After warranty has expired. Repair will be covered under service contract or customer billing. Billing ASD will not be allowed outside first year of warranty.

If option 2, is required. Resistors and thermistors will be supplied upon request to the bench repair facilities by ASD throughout the product support life. Up to .5 hr can be billed to warranty for all tech2's up to date code 3750 that were modified with the resistor/thermistor fix only. (No other work performed on the tool)

The service note should be billed as 02G.