

34908A-06

# Information Only Service Note

Supersedes:  
None

## 34908A – Single-Ended Multiplexer Module for 34970A, 40-Channel

Serial Numbers: ALL

**The Situation** – The optional 34908A Thermocouple Reference Junction adjustment procedure does not work. It can, and is highly likely to, degrade the performance. If the verification test fails, the unit should be replaced.

### Parts Required:

None

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### ADMINISTRATIVE INFORMATION

Calibration Required  
 Calibration NOT Required

PRODUCT LINE: GM  
AUTHOR: TMC

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ADDITIONAL INFORMATION:

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**Situation:**

The 34908A thermocouple reference junction is calibrated in a very high precision temperature controlled oil bath at the factory which is far more accurate than the matched thermistor method detailed in the 34970A/72A Service Guide. It was recently discovered that the adjustment procedure degrades the performance.

**Solution/Action:**

Do the optional thermocouple reference junction verification procedure only. If it fails, the 34908A should be replaced. The repair strategy for the 34908A is whole unit replacement only.

**Revision History:**

Date	Service Note Revision	Author	Reason for Change
1 September 2015	01	Tom Conway	As Published