

E4417A-15

S E R V I C E N O T E

Supersedes:
NONE

E4417A EPM-P Power Meter

Serial Numbers: MY45101462 / MY45101700; SG45100232 / MY45100243

Power Meter Display Shrink

Parts Required:

P/N	Description	Qty.
E4417-60201	Front Panel Assembly for Agilent E4417A and Agilent E4417A Option 002 OR	1
E4417-60202	Front Panel Assembly for Agilent E4417A Option 003 OR	1
E4416-61024	Front Panel Sub-assembly for Agilent E4416/17A	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION: INFORMATION ONLY INTERNAL ONLY DOCUMENT	
AUTHOR: LCH	PRODUCT LINE: WC
ADDITIONAL INFORMATION: Agilent is responsible for this modification until 31-January-2010.	

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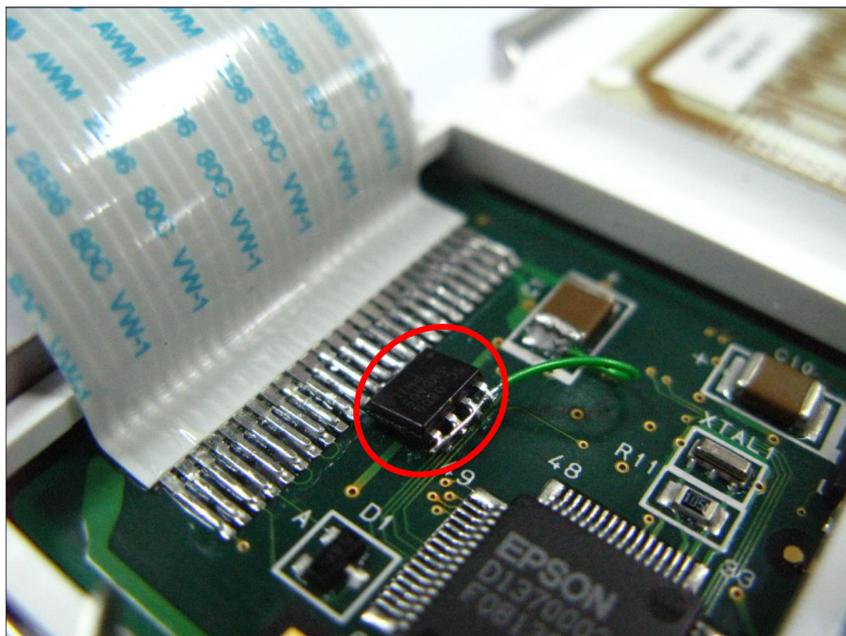


Situation:

Due to some issues with the implementation of new LCD display controller in the power meter's display, intermittent display shrink is observed when operating the power meter. This however doesn't impact all the units. The display shrink scenario may look like something shown below:

**Solution/Action:**

To resolve this problem, replace the front panel assembly with a good one. A good front panel has additional Transient Voltage Suppress (TVS) diode soldered on it as shown below. Additional of TVS diode will prevent the display shrink from happening.



Front panel with older version of LCD display controller can also be used to resolve this problem. For more information on old and new version of LCD display controller, please refer to service note E4417A-13A.