

[E6680A-01]

# Modification Recommended Service Note

Supersedes:  
[ NONE ]

## E6680A Wireless test set

Serial Numbers: MY60210001 to MY61220112

The Problem – F1 & F2 fuses open potentially due to the current / voltage overshoot during E6680A power on. Causing the E6680A application not to start and the M9414A module to be detected in IO connection expert.

### Parts Required:

P/N	Description	Qty.
2110-1787	time-delay fuse 7A 125V	2 per TRX module

### ADMINISTRATIVE INFORMATION

ACTION	<input checked="" type="checkbox"/> ON SPECIFIED FAILURE	STANDARDS			
CATEGORY:	<input checked="" type="checkbox"/> AGREEABLE TIME	LABOR:	1.0 Hours		
LOCATION	<input type="checkbox"/> CUSTOMER INSTALLABLE	SERVICE:	<input type="checkbox"/> RETURN	USED	<input type="checkbox"/> RETURN
CATEGORY:	<input type="checkbox"/> ON-SITE (active On-site contract required)	INVENTORY:	<input type="checkbox"/> SCRAP	PARTS:	<input type="checkbox"/> SCRAP
	<input checked="" type="checkbox"/> SERVICE CENTER		<input type="checkbox"/> SEE TEXT		<input type="checkbox"/> SEE TEXT
	<input type="checkbox"/> CHANNEL PARTNERS				
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	01-Mar-2024		
	<input type="checkbox"/> Calibration Required	PRODUCT LINE:	PL13		
	<input checked="" type="checkbox"/> Calibration NOT Required	AUTHOR:	MJW		

### ADDITIONAL INFORMATION:

Only for specified serial number range of E6680A

Situation:

F1 & F2 fuses open potentially due to the current / voltage overshoot during E6680A power on. Causing the E6680A application not to start and the M9414A module to be detected in IO connection expert.

Slot12	M9411A	PXI0::16-0.0::INSTR	<a href="#">Go to Instruments View</a>
Slot13			
Slot14	KtM9414x	PXI0::18-0.0::INSTR	<a href="#">Go to Instruments View</a>
Slot15			
Slot16	M9411A	PXI0::19-0.0::INSTR	<a href="#">Go to Instruments View</a>
Slot17			
Slot18			

Solution/Action:

Replaced fast-acting fuse 5A 125V (KPN:2110-1045) with time-delay fuse 7A 125V (KPN: 2110-1787)

Check and Replace F1 and F2 fuses on E6680A instruments with Serial numbers between MY60210001 to MY61220112.

Remove the M9414A module and replace the TWO 5 amp fuses on the right read side of the module with the 7 amp slow blow fuses.



Revision History:

Date	Service Note Revision	Author	Reason for Change
02 March 2022	01	Michael Woichik	As Published