

MODIFICATION RECOMMENDED –  
CORRECTS MANUFACTURING OR DESIGN DEFECTS

**J2127A-05**

**S E R V I C E N O T E**

Supersedes:  
None

**AGILENT J2127A Transmission Test Set**

**Serial Numbers: [0000A00000 / 9999Z99999]**

**Small cracks on the front and back castings.**

**To Be Performed By: Agilent-Qualified Personnel**

**Parts Required:**

<b>P/N</b>	<b>Description</b>	<b>Qty.</b>
J1413-00052	Front Spacer (1 x hole + 1 x slot)	2
J1413-00053	Back Spacer (2 x holes)	2

**ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR: 1.0 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 type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: February 2004	
AUTHOR: JH      PRODUCT LINE: PY			
ADDITIONAL INFORMATION:			

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**Situation:**

A failure may occur on the front or back castings due to some small cracks appearing around the screw holes at the corner of the castings. The cracks are caused if excess torque is used when screwing the tie bars to the castings. (The tie bars hold the front and back castings rigid.)

**Solution/Action:**

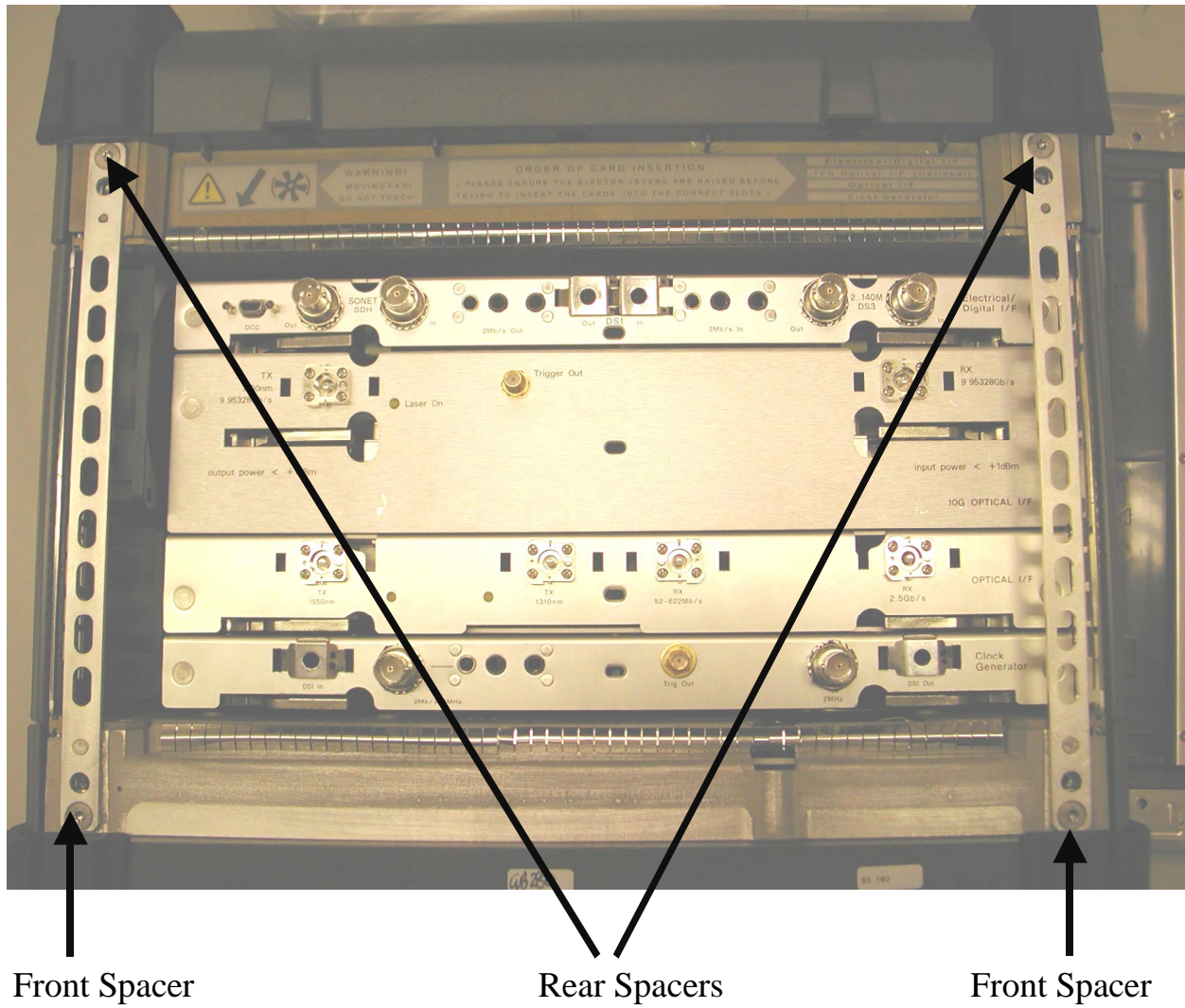
Spacers should be fitted between the tie bar and the castings.

**Tools required :**

Screwdriver Torque #15

**Procedure :**

1. Unscrew the torque #15 screws at each corner of the top panel.
2. Remove the top panel.
3. Locate the tie bars at either side of the instrument. Check the front and back of each tie bar to see if spacers have been fitted between the tie bars and the castings. See Figure 1.
4. If no, continue with step 6; if yes, go to step 8.
5. Unscrew the torque #15 countersink screws which fix the tie bars to the front and back castings.
6. Lift both tie bars and fit a spacer at the front (J1413-00052) and back (J1413-00053) of each casting, between the tie bar and the casting.
7. Replace the torque #15 countersink screws which fix each tie bar to the front and back castings.
8. Replace the top panel. Care must be taken to align the top panel with the connectors on the plug-in modules.
9. Replace the 4 x torque #15 screws to secure the top panel.



**Figure 1 Location of J2127A Tie Bars and Spacers**