

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

86100C-02

S E R V I C E N O T E

Supersedes:
NONE

86100C Infiniium DCA-J Wide Bandwidth Oscilloscope

Serial Numbers: MY43490101 - MY43490585
SG43490102 - SG43490119
US43420050 - US43420067

New stainless steel anchor for 86100C front frame.

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required:

P/N	Description	Qty.
86100-20054	Anchor	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: 0.5 Hours	
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY: <input checked="" type="checkbox"/> SCRAP	USED PARTS: <input checked="" type="checkbox"/> SCRAP
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: December 31, 2006	
AUTHOR: RBS	PRODUCT LINE: 8F		
ADDITIONAL INFORMATION: ECR0040240 / ECO0052662			

© AGILENT TECHNOLOGIES, INC. 2004
PRINTED IN U.S.A.



December 31, 2004

Situation:

Each DCA Module is fitted with two thumb-screws that secure the module into the DCA Mainframe anchor (see Figure 1). This ensures good connections between the module rear panel and mainframe.

The original mainframe anchor (P/N 86100-20044) was made of two materials: steel (body) and aluminum (threaded insert for the module screws). It was found that some of the aluminum heli-coil inserts would separate from the body of the anchor if the DCA Module was removed prior to fully disengaging the thumb-screws, or that the DCA Module thumb-screws would not engage enough threads on the heli-coil.

Solution/Action:

The anchor material has been changed to all stainless steel, and the threaded surface was brought forward by 3mm to ensure proper module thumb-screw engagement.

The module anchor should be replaced if any of the anchor heli-coils are missing, or if it is difficult to engage the module thumb-screws into the anchor.

Refer to “Replacing Instrument Assemblies” in 86100A/B/C Mainframe Service Guide for more detailed instructions.

1. Remove Front Panel.
2. Remove (2) Module Rails (54710-43101) from the module deck.
3. Remove module anchor (P/N 86100-20044).
4. Install new module anchor (P/N 86100-20054) using (2) screws 0515-0430. Torque to 5”lbs with a T10 bit.
5. Reverse removal procedure and re-install module rails and front panel.
6. Install any 861xx DCA Module into both left and right slots of the mainframe, and ensure that the module screws engage properly.
7. Power on instrument and ensure modules are recognized in both slots.
 - i. Click HELP -> About and check that the module(s) Model/Serial Number is displayed.

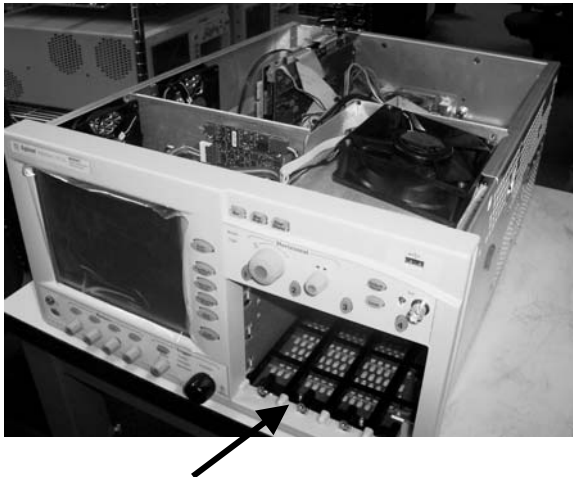


Figure 1 - Location of Anchor

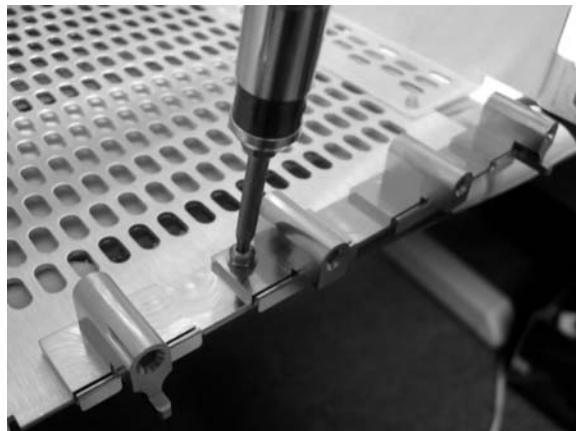


Figure 2 – Close-up of anchor.

END.