

3070-45C-S

S E R V I C E N O T E

Supersedes:
3070-45B-S

Agilent Technologies 3070/79000 Board Test Systems

Serial Numbers:

Items 1, 2 and 3 under Solutions/Actions of this Service Note apply to all serial numbers.
0000A00000 / 9999Z99999

Item 4 under Solutions/Actions of this Service Note apply to the following serial number
ranges: For 307x systems US38240100 to US38240219 For 317x systems US38240100 to
US38240228 For 327x systems US38240100 to US38240147

POSSIBLE PINCH HAZARD



Notification of Potential Operator Safety Hazard

To Be Performed By: Agilent-Qualified Personnel

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
SAFETY			
ACTION CATEGORY:		STANDARDS:	
<input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME		LABOR: 1.5 Hours	
LOCATION CATEGORY:		SERVICE INVENTORY:	USED PARTS:
<input type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER		<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY: ALWAYS		AGILENT RESPONSIBLE UNTIL: ALWAYS	
AUTHOR: Guy Sittler PRODUCT LINE: 80			
ADDITIONAL INFORMATION: These parts are orderable through GTLS.			
Reference the service note number in the detail section or the Service Note section of the CSO. In addition , 02G MUST be used in the type field. If this procedure is not followed, the CSO will not be accepted.			

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Parts Required:

P/N	Description	Qty.
E9900-80016	Large Testhead Std. Cover Upgrade Kit	1
E9997-80016	Small Testhead Std. Cover Upgrade Kit	1
E3700-80021	Large Performance Port Cover Upgrade Kit	1
E3700-80022	Small Performance Port Cover Upgrade Kit	1
E9900-80017	Existing Automation Cover Upgrade Kit	1

Customers should inspect any non-Agilent fixtures or fixtures that have been modified to extend beyond the dimensions specified in the fixture kit for pinch hazards. Modifications include, but are not limited to, oversize top plates and substituting/modifying fixture handles.

Situation:

Fixture kits are safe on the Series I, Series II, Series 3 and 79000 systems. Non-Agilent fixtures or fixtures that have been modified to extend beyond the dimensions specified in the fixture kit may create a serious pinch hazard for the operator. Modifications that could cause pinch hazards include oversize top plates and substituting or modifying fixture handles.

Supported probe plate dimensions:

Standard 406.6mm/15.8in by 457.2mm/18in

Large 764.5mm/30.1 by 457.2mm/18in

See Building Board Test Fixtures Manual (P/N 44200-90022) for more information on fixtures. Contact your local Board Test service representative with questions.

The top surface of the standard system covers on the Series 3 and 79000 systems is higher compared to the top surface of the Series I and Series II system covers. This could create a pinch hazard with existing non-Agilent fixtures or modified fixtures on the Series 3 systems that did not exist with these same fixtures on the Series I or Series II systems.

The portion of the oversized fixture that extends past the area specified for a standard fixture kit may create a pinch hazard between the extended portion of the fixture and the top surface of the Series 3 system covers when the fixture lock is engaged. 79000 systems do not create this pinch hazard when using fixtures built for the 79000, the 79000 is not fixture compatible with fixtures built for 3070 Series I, II or 3079CT. However, non-Agilent fixtures used on a 79000 may create other hazards that the user and/or fixture supplier must resolve.

Solution/Action:

1. Any time a new fixture is received for use on a 3070 or an existing fixture is modified, the user must review the design and implementation for any potential hazards, including but not limited to, pinch hazards for system operators. If hazards exist, they must be corrected before the fixture is used.

2. Anytime new 3070 system features are installed that affect the fixture interface, such as Performance Port, each existing fixture must be reviewed for any potential hazards, including but not limited to, pinch hazards for system operators. If hazards exist, they must be corrected before the fixture is used.
3. Agilent recommends that the user immediately inspect all non-Agilent fixtures, or fixtures which have been modified and intended for use on a 3070 or 79000 system, for potential pinch hazards to the operator. The safe design of non-Agilent fixtures is the responsibility of the user for Series I, Series II, Series 3 and 79000 systems. Agilent recommends that the user identify any fixtures with a potential pinch hazard and take appropriate corrective action to protect operators and remove any pinch hazards.
4. Agilent will install a retrofit kit to replace the standard system covers on 3070 Series 3 systems. Please see the serial number range described in the Serial Number section of this Service Note. The parts and installation of this retrofit kit will be at no charge to the user, see the Parts Required section. Contact your local Board Test service representative for availability of the retrofit kit and for any questions concerning this Safety Service Note.