

SAFETY – IMPLEMENTED DURING NORMAL COURSE
OF PROVIDING SUPPORT

3070-62B-S

S E R V I C E N O T E

Supersedes:
3070-62-S

Agilent Technologies 79000 Board Test Systems

Serial Numbers: US38050100 through US38050152 and US38020122

POSSIBLE PINCH HAZARD

WARNING

Notification of Potential Operator Safety Hazard

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty.
E2190-67903	FIELD TOP COVER UPGRADE	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
SAFETY			
ACTION CATEGORY:	<input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR: 1.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	ALWAYS	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AGILENT RESPONSIBLE UNTIL:	ALWAYS		
AUTHOR: Guy Sittler	PRODUCT LINE: 80		
ADDITIONAL INFORMATION: This part is orderable through GTLS.			
Reference the service note number in the detail section or 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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November 7, 2002

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

Situation:

The top cover design of the 79000 Board Test system has been changed. The E2190B, 79000 Board Test system with the top cover redesign, uses the same top cover height that the 3X7X systems use. This design change came about as part of standardizing the top cover height on MTBU's incircuit and functional board test systems. However, this redesign has introduced the possibility of a pinch hazard on current 79000 Board Test systems in the field. Service Note 3070-45B-S stated that the 79000 Board test system did not create a pinch hazard. The redesign of the E2190B has created the possibility of a pinch hazard on the E2190A. The pinch hazard could occur between the portion of an oversized fixture that extends past the area specified for a standard Agilent Technologies fixture kit and the top surface of the 79000 system covers when the fixture lock is engaged.

Note:

Non-modified Agilent fixture kits are safe on the 79000 systems.

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

Solution/Actions:

MTBU was able to identify the possibility for this pinch hazard before the E2190B began shipping. In an effort to reduce the chances of creating a dangerous environment for our customers, the following actions are required:

1. Any time a new fixture is received for use on an Agilent Technologies 79000 or when 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. Any time new Agilent Technologies 79000 system features are installed that affect the fixture interface, such as Agilent Technologies 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 Technologies recommends that the user immediately inspect all non-Agilent Technologies fixtures, or Agilent Technologies fixtures, which have been modified and intended for use on an Agilent Technologies 79000 system, for potential pinch hazards to the operator. The safe design of non-Agilent Technologies fixtures is the responsibility of the user of the Agilent Technologies 79000 systems. Agilent Technologies recommends that the user identify any fixtures with a potential pinch hazard and take appropriate corrective action to protect operators and re-move any pinch hazards.
4. Agilent Technologies will install a retrofit kit to replace the standard system covers on E2190A, Agilent Technologies 79000 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 Agilent Technologies Board Test service representative for availability of the retrofit kit and for any questions concerning this safety service note.