

S E R V I C E N O T E

SUPERSEDES: None

**Agilent 3070 Series II**

**Serial Numbers:** Serial Numbers beginning with US34XXXXXX and US37XXXXXX



**Possible Shock Hazard**

There is a potential for electric shock due to the monitor power cord experiencing insulation damage and shorting to the monitor support arm.

**Monitor power cord insulation damage on 3070 Series II Testheads**

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

**Parts Required:**

P/N	Description	Quantity
E4000-60003	3070 Series II Support Arm Safety Upgrade Kit*	1

\*Installation Manual is included in the Safety Upgrade Kit

*Continued*

DATE: August 2001

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>PRIORITY SAFETY</b>			
ACTION CATEGORY:	IMMEDIATELY	STANDARDS:	3 Hours      LABOR
LOCATION CATEGORY:	<input checked="" type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input checked="" 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
AUTHOR: MM	ENTITY: EMTD	AGILENT RESPONSIBLE UNTIL : ALWAYS	
ADDITIONAL INFORMATION:			



**Situation:**

In Series II 3070 Board Test Systems there is the potential for electrical shock caused by the monitor power cord shorting to the monitor support arm due to cord abrasion at the monitor arm swing pivot. If the power cord is routed through the support arm, the inside of the support arm may damage the insulation of the power cord.

**Solution / Action:**

- 1) Determine if the monitor power cord is routed inside the support arm pivot. All Series II Systems must be inspected to determine if the power cord runs through the support arm.
- 2) If so, inspect the cord for damage by following the following procedure.

**To inspect the cord:**

- 1) Shutdown the testhead (testhead power off).
- 2) Open the right pod door and remove the right pod cover.
- 3) Switch off the monitor and disconnect the monitor power cord from the PDU or from an extension cord going to the PDU.
- 4) Remove the two plastic covers and the round cover from the monitor support arm to expose the inside of the monitor support arm and the channel that cables can be routed through.
- 5) Inspect the power cord and the other cords for insulation damage.
- 6) If there is damage, the system should remain powered down and the upgrade should be made immediately.

Call your Board test representative to arrange for upgrade as quickly as possible.

If the power cord is not routed inside the arm, please call your Agilent Board Test representative and inform them that your cable is routed outside of the support arm and arrange for the upgrade at your convenience. Please do this inspection as soon as possible. All Series II systems are required to have this safety upgrade performed.