

S E R V I C E N O T E

SUPERSEDES: NONE

HP 3070 Board Test Systems**All units with an ERC 3153****Improperly Sized Fuses on Control Card and ASRU Card****Situation:**

The Control Card and the ASRU Card have an improperly sized fuse on the plus and minus 20V lines. If the -20V line is shorted to ground on either the Control Card or the ASRU Card, the short can possibly destroy the BIPPE chips on every pin card in the module. (For more information about this failure mode, see Service Note 3070-08.) Please note that this failure is relatively rare. Unfortunately, when it does occur, it is potentially very damaging.

Solution:

On December 29, 1991, MTD changed the fuse size on the plus and minus 20V lines on both the Control Card and the ASRU Card. (Only the -20V line causes the problem, but both fuses were replaced.) The cards currently have a 5A fuse (P/N 2110-0699); the new cards will have a 1A fuse (P/N 2110-0665). The smaller fuses will protect the BIPPE chips from latching up due to a short on the -20V line.

Continued

DATE: February 1992

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 type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" type="checkbox"/> ON-SITE <input type="checkbox"/> HP LOCATION	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: JH	ENTITY: 0980	HP RESPONSIBLE UNTIL: February 1994	
		ADDITIONAL INFORMATION:	

During your next preventive maintenance call on an HP 3070 system, replace F1003 and F1004 on the ASRU Card and F2502 and F2503 on the Control Card with the new fuses. Locations of these fuses are documented in Chapter 7 of the HP 3070 Theory and Repair Manual.

All boards that come back through the blue-stripe process will be upgraded to contain the new fuses. The Control and ASRU Cards will not have a new part number; they will simply have a revision code change. Control and ASRU Cards with the correct fuses have a revision code of 3153 or higher.

MTD will pay for 30 minutes per card during your next preventive maintenance call to cover the cost of replacing the fuses. A half-hour should allow enough time to change the fuses and run Diagnostics (on the Control and ASRU cards) before and after changing the fuses. MTD will also pay for the new fuses. MTD will also replace Control and ASRU Cards that cause destruction of BIPPE chips on pin cards, and MTD will pay for all system repairs related to the failure via extended warranty. Contact MTD online hardware support for an extended warranty number.)