SJ50-01

<u>SERVICE NOTE</u>

Supersedes: N5065A001-01A N5065A002-01A N5065A002-02

Agilent SJ50 Optical Board Test System Model: N5065A Options 001 and 002

Serial Numbers: All

The use of SJ inspection GUI version 4.07 requires that the AWA GUI be opened in the background at certain times. However, on some versions of the AWA paragon firmware there is the possibility of a conflict between the SJ GUI and the AWA GUI under certain conditions.

In order to resolve these potential issues, it is necessary for all systems to have their paragon firmware upgraded to either 1.18 or 2.18 or earlier than 1.7

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required:P/NDescriptionQty.5186-2190L50i Paragon Driver1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:				
MODIFICATION RECOMMENDED				
ACTION CATEGORY:	[[]] IMMEDIATELY [[]] ON SPECIFIED FAILURE X AGREEABLE TIME	STANDARD	S: LABOR: 2.0 Hou	rs
LOCATION CATEGORY:	[[]] CUSTOMER INSTALLABLE X ON-SITE [[]] SERVICE CENTER	SERVICE INVENTORY:	[[]] RETURN [[]] SCRAP X SEE TEXT	USED [[]] RETURN PARTS: [[]] SCRAP X SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RES	PONSIBLE UNTIL:	
AUTHOR: Ba. Kavanagh PRODUCT LINE: 80 ADDITIONAL INFORMATION:				
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PRINTED IN U.S.A.

February 11, 2004

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This service note is designed to help the user determine which version of paragon firmware their system is running and what actions, if any, are required to rectify the potential conflict situation.

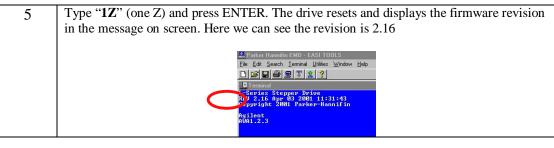
uation: The GUI may hang if the following conditions are in place:
GUI Hanging
• The AWA GUI software is running,
and
• The paragon firmware code is anything other than versions 1.18, 1.7 or earlier than 1.7 or 2.18,
and
• The E-stop is activated and is then reset with 5 seconds.
lution/Action:
etermining the Firmware Version

	The following are the requirements for using Firmware:	
Requirements	• Paragon L50i with firmware rev 2.XX	
	• EASI TOOLS v1.5	
	• 2.18.h86	
	• awa123.prg	

Steps

Determine what Firmware version is running on your system using the following steps:

Step	Action
1	Uninstall any version of EASI TOOLS already on the hard drive. This is done through the
	Add\Remove Programs option in the Control Panel.
	Add/Remove Programs Properties 😰 🕱
	Instal/Uninstal Windows NT Setup
	To initial a new program from a floppy disk or CD RDM drive, click Initial
	[rutal]
	The following software can be automatically removed by Windows. To remove a program or to modify is initialed
	components, select it from the list and click. Add/Remove.
	ActivePer Build 523 ActivePer Build 523 BetofWare SmartUI 1.1
	Developer ISSM Follow Generation Native Leavy 2.07.01 Uwellopate
	Motion Enough Products Matrix PowerDesk NT 4.53
	Add/Benove
	OK Cancel
2	Install EASI TOOLS v1.5
	When you start EASI TOOLS next, you should see the following splash screen.
	-Durine
	EASI-TOOLS Version 15
	Course days for Prainter France In Constantian. 1999. 2000 on right in assessed
3	Open EASI TOOLS by going to Start -> Programmes -> EASI-TOOLS Application ->
5	EASI TOOLS.
4	Connect to the L50i through the Terminal using the terminal icon as shown:
	En Edit Search Languide UMines



Upgrading Firmware from Version 2.XX to Version 2.18

Upgrade the Firmware from version 2.XX to version 2.18 using the following steps:

Step	Action
1	Check the Firmware version using the steps outlined in Determining the Firmware Version. If you need to upgrade, continue to step 2.
2	

Steps

3	Click Yes , and the following dialog is displayed with the setup of the system:
	Download drive operating system
	Current revision
	2.0 or later 💿 Axis address : 1 🗧
	before 2.0 C Drive is in a <u>multi-axis system</u>
	<u> </u>
4	Click OK if this is correct.
5	Select the firmware file 2P18.h86 to download to the drive.
	Open ?X
	File <u>n</u> ame: <u>F</u> olders: OK 2P18.H86 c:\autowi~1
	2P18.H86
	AUTOWI~1 Network
	<u>v</u>
	List files of <u>type</u> : Dri <u>v</u> es:
	HEX Files (*.h86)
	Click OK and the Firmware software downloads to the drive. This takes
	approximately 15 minutes. The first progress bar runs through quickly – the second runs through very slowly.
	second runs unough very slowiy.
	Changing drive operating system
	*** Downloading data ***
	14%
	Cancel
6	When the Firmware software has finished downloading, you will be asked if
	you want to program another drive. Click NO .
7	E-Stop the machine and reset the E-Stop by pushing the E-stop reset button. This is a power cycle of the Paragon drive.

8	Open the awa123.prg file.
	Open ?X
	File <u>n</u> ame: <u>F</u> olders: OK
	awa123.prg c:\autowi~1
	autoIDL.prg
	Awa122.prg 📂 AUTOWI~1 Network
	AWAIDL11.PRG
	List files of type: Drives:
	Program Files (*.PRG) 💌 🖃 c: 💌
9	Download the file using the download icon as shown:
	Destroy for a Store for State of the Store (store) and the Store) and the Store (store) and the Store) and the Store (store) and the Store) and the Store (store) and the Store) and the Store (store) and the Store) and the Store (store) and the Store) and the
	Beacription: Program for intelligent Paragon stepper drive to control the width of the n/c conveyor. Werkiem 1.2.2 Copyright duling Technologies
	Date: 24-09-01 Bodified: Changed to fun manual move at inviller increments Changed to display the current rev number on startup Ridder relay suitching at the start as a test of the outputs Changed to display informations in manual move and Changed to display informations in manual move and the start as a set of the outputs Changed to display informations in manual move and the start as a set of the start as a set of the outputs Changed to display information in manual move and the start as a set of the start as a set of the outputs the start as a set of the start as a set of the start as a set of the start as a changed to display in the start as a set of the start as a set of the start as a changed to display in the start as a set of the start as a set of the start as a changed to display in the start as a set of the start as a set of the start as a changed to display in the start as a set of the start as a set of the start as a changed to display in the start as a set of the start as a set of the start as a changed to display in the start as a set of the start as a
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	KLINKOLLO IKLINATE may program 20% Intervision cade The sales Torono Intervision cade This sales Cancel
	If THE T T T THE TABLE THE TABLE T THE TABLE T T THE TABLE T T T THE TABLE T T T T T T T T T T T T T T T T T T T
10	When the file has finished downloading, the drive must be armed. This is done
	as follows.
<u>11</u> 12	Type "1ARM1" then press ENTER.Type "1SV" then press ENTER.
12	Type "1Z" then press ENTER.
_	Parker Hannifin EMD - EASI TOOLS File Edit Search Terminal Utilities Window Help
	"I Terminal L-Series Stepper Drive REU 2.18 Jul 03 2001 08:50:46 Copyright 2001 Parker-Hannifin
	Copyright 2001 Parker-Hannifin 1ARM1
	1\$U ₩CSUM= c8 1Z
	L-Series Stepper Drive REV 2.18 Jul 03 2001 08:50:46 Copyright 2001 Parker-Hannifin
	Agilent AVA1.2.3
14	The firmware upgrade is now complete, and the drive is ready for use in the
	AWA.