

3070-98

Modification Recommended Service Note

Supersedes:
None

Keysight i3070 Series 6 In-Circuit Test System

E9903G MY59250001 – MY59250189
E9902G MY59340101 – MY59340104
E9905G MY60020001 – MY60020102

The Problem – Rotation motor switch may damage or stuck for Series 6 In-Circuit Tester

Parts Required:

P/N	Description	Qty.
E9900-00232	Pod Cover Series 6 – Right	1

ADMINISTRATIVE INFORMATION

ACTION	<input checked="" type="checkbox"/> ON SPECIFIED FAILURE	STANDARDS			
CATEGORY:	<input type="checkbox"/> AGREEABLE TIME	LABOR:	1.0 Hours		
LOCATION	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE	SERVICE:	<input type="checkbox"/> RETURN	USED	<input type="checkbox"/> RETURN
CATEGORY:	<input type="checkbox"/> ON-SITE (active On-site contract required)	INVENTORY:	<input checked="" type="checkbox"/> SCRAP	PARTS:	<input checked="" type="checkbox"/> SCRAP
	<input type="checkbox"/> SERVICE CENTER		<input type="checkbox"/> SEE TEXT		<input type="checkbox"/> SEE TEXT
	<input type="checkbox"/> CHANNEL PARTNERS				
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	Jan 06, 2022		
	<input type="checkbox"/> Calibration Required	PRODUCT LINE:	80		
	<input checked="" type="checkbox"/> Calibration NOT Required	AUTHOR:	Wee Sheng		

ADDITIONAL INFORMATION:

Situation:

The rotation motor switch may damage or stuck after system was installed. The problem re-surfaced again after the rotation motor switch (Part Number: 3101-3286) was replaced.

The opening area of POD Cover S6, Right may accidentally latch on the rotation motor switch (Figure 1) if the POD cover didn't lift-up substantially during removing and installation. The latched-on will cause the rotation motor switch to weaken after long hour of operation.



Figure 1: Origin design of POD Cover S6, Right

Solution/Action:

The POD Cover has been re-designed (Figure 2) to prevent damage to the rotation motor switch during installation or remove even though it wasn't lift-up substantially. The problem was fixed after newer design POD Cover S6, right (Part Number: E9900-00322) has been installed.

The new POD Cover was implemented on new system since June 29, 2020.



Figure 2: New design of POD Cover S6, Right

Revision History:

Date	Service Note Revision	Author	Reason for Change
06 January 2021	01	Wee Sheng	As Published