

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

6623A-16

S E R V I C E N O T E

Supersedes:
NONE

6623A DC Power Supply

Serial Numbers: MY41000101 - MY41000216

Intermittent Power Transformer “Magma” Connections

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required:

Model No.	Part Number	Description	Qty.
6621A	9100-4645	Power Transformer	1
6622A	9100-4490	Power Transformer	1
6623A	9100-4646	Power Transformer	1
6624A	9100-4561	Power Transformer	1
6625A	9100-4720	Power Transformer	1
6626A	9100-4591	Power Transformer	1
6627A	9100-4592	Power Transformer	1
6628A	9100-4720	Power Transformer	1
6629A	9100-4591	Power Transformer	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	X IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR: 01 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE X SERVICE CENTER	SERVICE INVENTORY:	X RETURN SCRAP <input type="checkbox"/> SEE TEXT <input type="checkbox"/> SEE TEXT
TEXT		USED PARTS:	<input type="checkbox"/> RETURN X SCRAP <input type="checkbox"/> SEE <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: Support Life of Product	
AUTHOR: RJM	PRODUCT LINE: 33		
ADDITIONAL INFORMATION:			

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Situation:

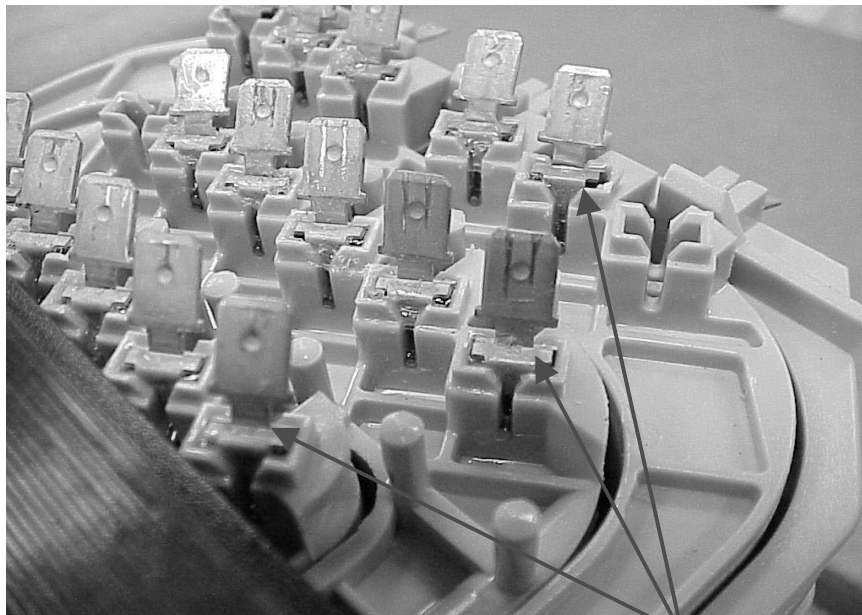
The power transformer vendor mistakenly installed the wrong “Magmates” in a run of power transformers. The incorrect “Magmates” have a # 43 stamped on them, which corresponds to a 15 gauge wire size. The correct size “Magmate” should be # 24 designed for a 19 gauge wire size.

This could result in a variety of intermittent as well as steady hardware problems and errors. Examples: HDW ERR CH 1, Blank front panel display, not meeting specifications.

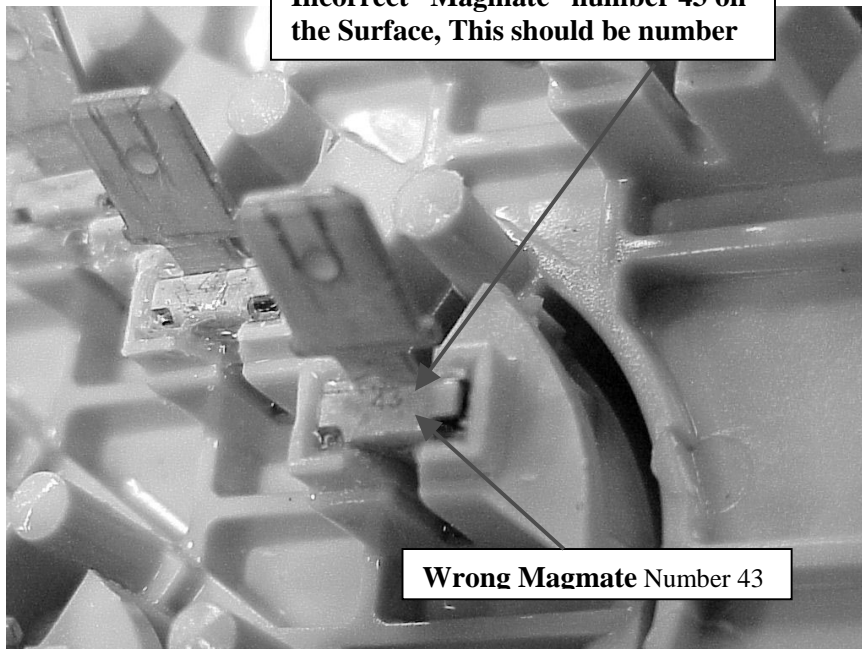
Solution/Action:

Replace the Power Transformer with a new replacement Transformer, see the table above for the correct power transformer part number.

NOTE: Please inspect the new transformer for the correct “Magmate” number stamping.

Top View of Power Transformer:

Incorrect “Magmate” number 43 on the Surface, This should be number



Wrong Magmate Number 43