AGFA HealthCare
Global Services

DX-D 100   Type 5410/050   SB No. 79

DX-D 100 Wireless   Type 5411/050   SB No. 76
Type 5411/300

DD+DIS029.16E

Service Bulletin

Revised battery monitor board available
to fix battery issues with crystal lead generator batteries

Task

Timing	Category		Scope
Next service as agreed with customer	◯	**Apply at all sites**	
	⦿	**Apply at affected sites as listed below**	**Problem Record: PRB0048939**
	◯	**Optional to improve functionality of product**	

Task Tracking

After completion of your task the following entry in your Service Report is required:	**DD+DIS029.16E**	*

* Insert the document number into the field "Comment" (SMS form).

Purpose of this document:

- This bulletin informs the field about a revised battery monitor board.
- This document provides the solution for the listed problem record.

Affected serial number(s) / batch:

Only systems with crystal lead batteries are affected, which includes:

- DX-D 100 from SN A5410001004 to SN A5410001005
- DX-D 100 wireless from SN A5411001088 to SN A5411001157
- DX-D 100 wireless with collapsible column from SN A5411002000 to SNA5411002038

Refer to section 2 Prerequisites for information as of which serial numbers the revised monitor board is delivered ex factory.

The signatures on the approval page indicate the solutions described in this Service Bulletin have been reviewed and are NOT reportable because no actions are taken to reduce a "Risk to Health" according to our risk assessment process.

List of contents

1 Introduction

Symptom Fully charged unit displays low battery message after 12 exposures at a new system with generator batteries with lead crystal technology. Overall only 60 to 80 exposures possible instead of 200.

Cause Software issue of the battery monitor board.

Solution Updated battery monitor board software fixes that issue. The latest software is installed on the battery monitor board with version V5R1b2

Replace the battery monitor board with the revised board which included the new software.
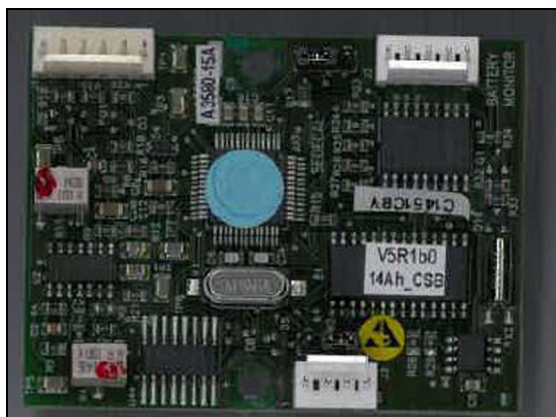

Figure 1 – Old battery monitor board

Figure 2 – Revised battery monitor board V5R1b2 with new software installed

2   Prerequisites

SPARE PARTS:
- SC+A3580-15 battery monitor board version V5R1b2

NOTE:
- This spare part is only applicable for systems with crystal lead batteries.
- The battery monitor board V5R1b2 is delivered ex factory as of the following serial numbers:
  - o DX-D 100 Type 5410/050 as of SN A5410001006
  - o DX-D 100 Wireless 5411 / 050 (with DX-D 30 / DX-D 35): as of SN A5411001172
  - o DX-D 100 Wireless 5411 / 300 (with DX-D 40 / DX-D 45): as of SN A5411002047

TOOLS:
- Standard service tool kit

REFERENCED DOCUMENTS:
- Mobile X-Ray Unit - Service Manual
  Direct Radiography > DX-D 100 > DX-D 100 Generic > Service Manual,
  Document ID 41600560.
- DX-D 100 Wireless - Service Manual
  Direct Radiography > DX-D 100 Wireless > DX-D 100 Wireless V7 > Service Manual, Document ID 51229591
- DX-D100 - Service Manual
  Direct Radiography > DX-D 100 > DX-D 100 V7 > Service Manual,
  Document ID 51228328
- DX-D100 / DX-D 100 Wireless - Spare Parts List
  Direct Radiography > DX-D 100 > DX-D 100 Generic > Service Spare Parts,
  Document ID 30872155
- DX-D100 / DX-D 100 Wireless - Spare Parts List
  Direct Radiography > DX-D 100 > DX-D 100 Generic > Service Spare Parts,
  Document ID 30872155

IMPORTANT:
The installation and service of the product(s) described herein is to be performed by qualified personnel who are employed by Agfa HealthCare N.V or one of its affiliates or who are otherwise authorized by Agfa HealthCare N.V. or one of its affiliates to provide such services.

3   Instructions

3.1   Replacement

REQUIRED TIME:
60 minutes

(1)   Replace the battery monitor board with the revised board delivered with the spare part kit. For replacement instructions refer to document DX-D 100 / DX-D 100 Wireless Mobile X-Ray Unit - Service Manual, Chapter Troubleshooting, Section 2.2.3 and 2.7, Document ID 41600560.

4   Verification

Use the DX-D 100 / DX-D 100 wireless unit as usual and keep track at the battery charge indication lights. The battery should now last for approximately 200 exposures.

5   Keywords

Battery, baterie, crystal led

6   Version history

Version	Change	Date
1.0	Initial version	04-2016

AGFA

Details as of PDF Creation Date

Document Metadata

Title:	DX-D 100 - Service Bulletin No. 79 - Revised battery monitor board available to fix battery issues with crystal lead batteries
Livelink ID:	53918976
Version#:	7
Version Date:	2016-04-07 01:56 PM CET
Status:	Approved on 2016-04-11 03:21 PM CET
Owner:	Carsten Bockel (awyuq)
Created By:	Carsten Bockel (awyuq)
Created Date:	2016-03-07 10:00 AM CET
PDF Creation Date:	2016-04-11 03:21 PM CET

This document was approved by:

Signatures:

1. Josef Wagner (agwj) on 2016-04-07 04:38 PM CET
2. Paul Merckx (amdag) on 2016-04-08 09:24 AM CET
3. Bernard Schollaert (ammrn) on 2016-04-07 03:29 PM CET
4. Bart Biesemans (amajm) on 2016-04-11 11:23 AM CET

Detailed Approver History:

- **Approval Workflow started on 2016-04-07 02:00 PM CET**
  - Approval task originally assigned to and completed by Bernard Schollaert (ammrn) on 2016-04-07 03:29 PM CET
  - Approval task originally assigned to and completed by Bart Biesemans (amajm) on 2016-04-11 11:23 AM CET
  - Approval task originally assigned to and completed by Paul Merckx (amdag) on 2016-04-08 09:24 AM CET
  - Approval task originally assigned to and completed by Josef Wagner (agwj) on 2016-04-07 04:38 PM CET

Version & Status History

2016-04-11

Version#	Date Created	Status
7	2016-04-07 01:56 PM CET	Approved - 2016-04-11
6	2016-04-07 01:56 PM CET	
5	2016-04-07 12:42 PM CET	Reviewed - 2016-04-07
4	2016-04-07 12:41 PM CET	
3	2016-03-18 02:23 PM CET	Reviewed - 2016-04-06
2	2016-03-18 02:01 PM CET	
1	2016-03-07 10:00 AM CET	