

Service Bulletin

Release of System Version 4.3

Task			
Timing		Category	Scope
Next service as agreed with customer	<input type="radio"/>	Apply at all sites	PowerHelp complaint / HQ issues: HQ_1205210001; HQ_1209140002, HQ_1201300002; HQ_1301080002; HQ_1301080013; PR1302180002 PR1306170001; PR1307020004 PR1306060006
	<input type="radio"/>	Apply at affected sites as listed below	
	<input checked="" type="radio"/>	Optional to improve functionality of product	

Task Tracking

After completion of your task the following entry in your Service Report is required:

DD+DIS164.13E

*

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

Purpose of this document:

This document announces:

- The introduction of DX-D100 / 100 Wireless with reduced column height of 172 cm (only applicable for the USA).
- This document lists the HQ and PR cases which are solved with the release of DX-D 100 / 100 Wireless system version 4.3

Only applicable for DX-D 100 Wireless:

- The introduction of new grids (DX-D30 SD) for the Wireless DR Detector DX-D 30C (gridlines oriented in the "short" direction when the grid is inserted in the portrait mode).

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.

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1 Introduction/purpose

1.1 HQ and PR cases solved with DX-D 100 / 100 Wireless Version 4.3

The following issues have been solved with this DX-D 100 / DX-D 100 Wireless version:

Symptom One of the two bolts that hold the upper portion of the parking device to the telescopic arm fell out. The second bolt was loosened.

HQ_
1205210001

Cause Production issue with the bolts that hold the telescopic arm.

Solution Solved in production with system version 4.3.

Symptom Tube arm does not retract.

HQ_
1209140002

Cause The lower metal part is bent when one tries to move the tube into the parking position.

Solution Solved in production with system version 4.3.

Symptom Detector holder on the DX-D100 broken.

HQ_
1201300002

Cause Cleaning chemicals used up until now contained a solvent which deteriorated the plastic material in the cover, making it brisk and fragile.

Solution Update of the DX-D100 user manual – disinfection chapter.



Symptom Holes in handle, damages to the micro switch inside the handle.

HQ_

1301080002

Cause The handle goes too far when operated and hits the micro switch and not just the actuator of the micro switch. This causes holes in the handle and damage of the switch.

Symptom The micro switches are now breaking instead of drilling a hole into the handle.

PR

1306060006

Cause See HQ_1301080002

Solution Solved in production with system version 4.3.

Symptom Plastic chippings of the parking lock shaft are all over the lower part of the parking lock.

HQ_

1301080013

Cause Premature wearing of the parking lock shaft.

Solution Solved in production with system version 4.3.

Symptom The left wheel changes direction unintended, which causes sudden direction changes of the complete mobile unit.

PR

1302180002 These sudden changes of direction keep occurring despite exchange of DMC board.

Cause Cabling issues and/or firmware issues of the DMC board and/or wrong voltage adjustment of the DMC board.

Solution A new DMC board has been installed.

For the upgrade, also refer to "DX-D 100 Wireless - Service Bulletin No. 24 - MANDATORY - Modifications to prevent intermittent, unintended and illogical Movements".

See "Referenced Documents" in section 2.

Symptom Missing Electrical Security Test Specification according to IEC 62353

PR

1306170001

Cause -

Solution The test specification is available now.



<i>Symptom</i>	Battery tray upgrade kit (SC+A521050-01) is incomplete:
<i>PR</i> 1307020004	New design requires additional nuts to connect cables.
<i>Cause</i>	-
<i>Solution</i>	Solved by logistic department – the upgrade kit has been supplemented by the required nuts. Refer to section 2, "Spare Parts".

1.2 New Features

1.2.1 Introduction of New Grids (only applicable for DX-D 100 Wireless)

New grids for use with the gridlines oriented in the "short" direction have been introduced for the DX-D 30.

Product name: DX-D 30 SD.

See section 2 "Spare Parts" for ordering details for the new grids.

1.2.2 Introduction of DX-D100 / 100 Wireless with reduced Column Height (only applicable for the USA).

DX-D 100 / 100 Wireless solutions with reduced column height of 172 cm are required for use in Navy ships.

For detailed information refer to DX-D 100 / DX-D 100 Wireless - Mobile X-Ray Unit - Service Manual, section "DX-D 100 Mobile X-ray Unit with Extra-Short Column". See "Referenced Documents" in section 2 below.

2 Prerequisites



REFERENCED DOCUMENTS:

- DX-D 100 / DX-D 100 Wireless - Mobile X-Ray Unit - Service Manual.
The document can be downloaded from the Agfa HealthCare Library:
Direct Radiography → DX-D 100, DX-D 100 Wireless → DX-D 100, DX-D 100 Wireless Generic → Service Manual
- DX-D 100 Wireless - Service Bulletin No. 24 - MANDATORY - Modifications to prevent intermittent, unintended and illogical Movements"
The document can be downloaded from the Agfa HealthCare Library:
Direct Radiography → DX-D 100 Wireless → DX-D 100 Wireless Generic → Service Bulletin Mandatory



SPARE PARTS:

- Grids for use with the gridlines oriented in the "short" direction:
ABC Code 5X396
- The battery tray upgrade kit:
SC+A521050-01

3 Instructions

Not applicable

4 Verification

Not applicable

5 Keywords

System version 4.3; DX-D 30 SD; reduced column height; Navy

6 Version history

Version	Change	Date
1.0	Initial version	10-2013



Details as of PDF Creation Date

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