

## Service Bulletin

### Improved power cord reel introduced

Task		
Timing	Category	Scope
Next service as agreed with customer	<input type="radio"/> Apply at all sites	Problem Record: PRB0061042
	<input checked="" type="radio"/> Apply at affected sites as listed below	
	<input 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+DIS114.17E

\*

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

Purpose of this document:

- This Bulletin announces power cord reel improvements.
- It contains the solution for the listed PRB case.

Affected serial number(s) / batch: As of November 2017 the cord reel is introduced in production and available as spare part.

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 Low quality of power plug of DX-D 100 [PRB0061042]

- Symptom* Damaged power plug (90 degrees type)/broken pins, caused
- by incorrect removing of the plug out of the wall socket (pulling at the cable) and/or
  - when the cable is not retracted properly in the cable reel, the plug lies on the floor and the user steps on the plug or runs over it with the unit.

*Cause* This is caused by the design and quality of the power plug / power cord reel.

*Solution* The plug shape of the European reel changed from 90 degrees type to straight type. A new spare part for Europe is available.

Note that additional design changes are made on the cord reel to improve the power cord usage (see section 1.2).



Figure 1: New straight European plug

## 1.2 Power cord reel improvements

### 1.2.1 Cable window size

The window for the cable is larger and a plastic support avoids damage to cable and reel.



Figure 2: New: big window and cable support



Figure 3: Old: small window

### 1.2.2 Color mark attached to the cable

A color mark is added close to the cable extension limit.

It warns the user that the cable should not be pulled out further.

This avoids excessive pulling stress.



Figure 4: Color mark

## 2 Prerequisites

**SPARE PARTS:**

SC+A521068-04S

POWER CORD REEL EU straight plug

**TOOLS:**

- Standard service tool kit

**REFERENCED DOCUMENTS:**

- DX-D 100 / DX-D 100 Wireless Mobile X-Ray Unit - Service Manual, Document ID [41600560](#).

**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



REQUIRED TIME:  
30 min

#### 3.1 Replacement

- (1) Replace a defect cable reel with the new cable reel.  
For replacement instructions refer to document  
DX-D 100 / DX-D 100 Wireless Mobile X-Ray Unit - Service Manual, Chapter  
Troubleshooting, Section 2.4.2 REPLACEMENT OF THE POWER LINE CABLE,  
Document ID [41600560](#).

#### 3.2 Customer information

Inform the customer about the meaning of the red mark at the power cable:  
If the red mark appears the user should stop pulling out the cable.

### 4 Verification

Power the unit on to test the new power cable.

### 5 Keywords

Power cord, power line cable

### 6 Version history

Version	Change	Date
1.0	Initial Version	11-2017



### Details as of PDF Creation Date

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**This document was approved by:**

#### Signatures:

1. Josef Wagner (agwj) on 2017-11-07 11:38 AM CET
2. Paul Merckx (amdag) on 2017-11-09 11:45 AM CET
3. Bernard Schollaert (ammrn) on 2017-11-08 08:20 AM CET
4. Bart Biesemans (amajm) on 2017-11-07 09:27 AM CET
5. Jutta Niehoff (agnju) on 2017-11-07 11:33 AM CET
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