

Service Bulletin

Improved sprocket released with DX-D 100 / DX-D 100 Wireless system version 4.5.3

Task

Timing	Category	Scope
Next service as agreed with customer	<input type="radio"/> Apply at all sites	PowerHelp complaint / HQ issue: PR1402180001
	<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+DIS045.14E

*

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

Purpose of this document:

- This document describes the solution if the main drive sprocket on the chain drive system is moving down the shaft causing damages.
- It contains the PR case which has been solved with the release of DX-D 100 / DX-D 100 Wireless version 4.5.3.

Affected serial number(s) / batch:

DX-D 100 / DX-D 100 Wireless systems in case of damages caused by the sprocket.

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

Symptom The main drive sprocket on the chain drive system (the smaller one of the two) is moving down the shaft towards the motor and causing abrasion to the mounting plate that holds the motor. Damages occur due to metal shavings and powdered metal debris that is clogging the motor and contaminating the grease and chain linkages.

Cause Chain comes off the sprocket due to movement of the main drive sprocket.

Solution Solved with an improved sprocket which is introduced in production with the release of DX-D 100 / DX-D 100 Wireless system version 4.5.3.

No general retrofitting actions required for the field.

The improved sprocket is part of the spare part "Transmission Group". Please order spare part only in case of damages.



Figure 1

2 Prerequisites



SPARE PART:

Order the following spare part:

- Transmission Group SC+A521004-01

3 Instructions

For the replacement instructions of the sprocket (named "motor gear" in the Sedecal documentation) refer to *DX-D 100 / DX-D 100 Wireless - Mobile X-Ray Unit - Service Manual* available in the Agfa Healthcare Library:

Document ID: 41600560,  [Agfa Intranet](#) /  [Agfa Portal via Internet](#).



4 Keywords

Chain wheel, pinion, sprocket-wheel, gear

5 Version history

Version	Change	Date
1.0	Initial version	07-2014



Details as of PDF Creation Date

Document Metadata

Title:	DX-D 100 - Service Bulletin No. 45 - Improved sprocket released with DX-D 100 / DX-D 100 Wireless system version 4.5.3
Livelink ID:	45396323
Version#:	9
Version Date:	2014-06-30 09:56 AM CET
Status:	Approved on 2014-07-02 12:42 PM CET
Owner:	Carsten Bockel (awyuq)
Created By:	Carsten Bockel (awyuq)
Created Date:	2014-05-14 02:46 PM CET
PDF Creation Date:	2014-07-02 12:42 PM CET

This document was approved by:

Signatures:

1. Josef Wagner (agwj) on 2014-06-30 04:33 PM CET
2. Paul Merckx (amdag) on 2014-06-30 04:05 PM CET
3. Bernard Schollaert (ammrn) on 2014-07-01 08:45 AM CET
4. Bart Biesemans (amajm) on 2014-06-30 10:40 AM CET
5. Lieven Lauwers (awibr) on 2014-07-02 10:26 AM CET

Detailed Approver History:

- **Approval Workflow started on 2014-06-30 10:04 AM CET**
 - Approval task originally assigned to and completed by Bernard Schollaert (ammrn) on 2014-07-01 08:45 AM CET
 - Approval task originally assigned to and completed by Lieven Lauwers (awibr) on 2014-07-02 10:26 AM CET
 - Approval task originally assigned to and completed by Josef Wagner (agwj) on 2014-06-30 04:33 PM CET
 - Approval task originally assigned to and completed by Bart Biesemans (amajm) on 2014-06-30 10:40 AM CET
 - Approval task originally assigned to and completed by Paul Merckx (amdag) on 2014-06-30 04:05 PM CET

Version & Status History

Version#	Date Created	Status
9	2014-06-30 09:56 AM CET	Approved - 2014-07-02
8	2014-06-30 09:56 AM CET	
7	2014-06-26 05:00 PM CET	Reviewed - 2014-06-30
6	2014-06-26 04:59 PM CET	
5	2014-06-24 01:53 PM CET	Reviewed - 2014-06-26
4	2014-06-24 01:36 PM CET	
3	2014-05-15 09:48 AM CET	Reviewed - 2014-05-15 Review Cancelled - 2014-05-15 Review Cancelled - 2014-05-15
2	2014-05-14 04:13 PM CET	
1	2014-05-14 02:46 PM CET	