

DX-D 100	Type 5410	SB No. 53
DX-D 400	Type 5420	SB No. 21
DX-D 600	Type 5430	SB No. 45
DX-D Retrofit System	Type 5400	SB No. 22

DD+DIS116.14E

Service Bulletin

Issues with Varian 10C/G detector cover overlays

Task			
Timing		Category	Scope
Next service as agreed with customer	<input type="radio"/>	Apply at all sites	PowerHelp complaint / HQ issue: PR1406180002
	<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+DIS116.14E

*

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

Purpose of this document:

- This document provides a procedure for replacing detector overlays in case of wear and tear.
- It provides the solution for the listed PR case.

Affected serial number(s) / batch: Installed base of DX-D 10C/G portable DR detectors.

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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DX-D 100, DX-D 400,
DX-D 600, DX-D Retrofit System

1 Introduction/purpose

The following issue has been reported for all DX-D solutions that use the DX-D 10 C/G portable DR detector:

PR
1406180002
Symptom

The Agfa detector cover overlay can become frayed or scuffed.
See example for scuff marks in the figure below.

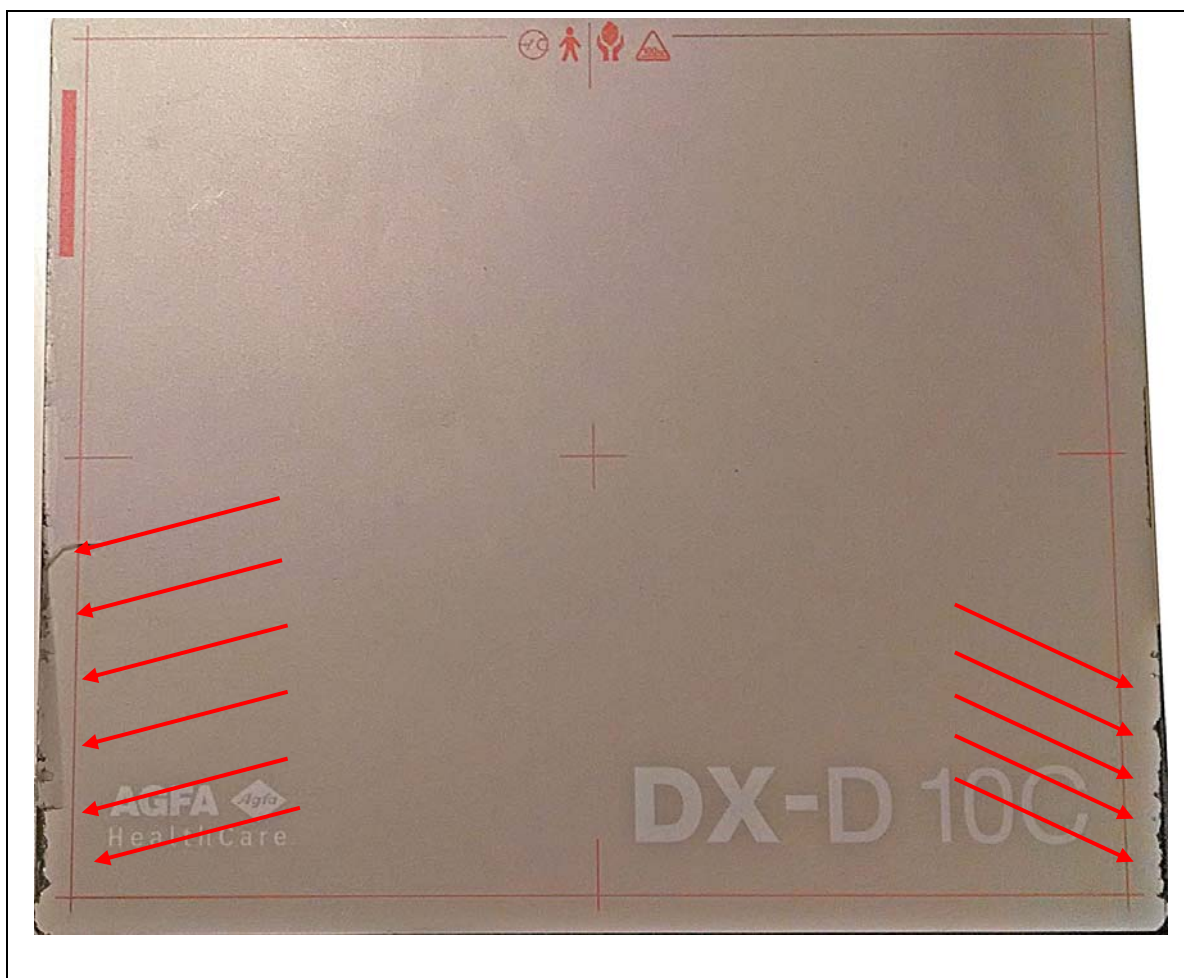


Figure 1: Example for scuff marks on detector cover overlay, indicated by arrows

Cause The overlay is subject to wear and tear.

Solution A replacement procedure for the overlays which ensures that the overlay is properly fitted. Overlays are available as spare parts. See section 2, *Prerequisites*. For fitting details, refer to section 3, *Instructions*.

2 Prerequisites



SPARE PARTS:

- Overlay DX-D 10C VA+19751
- Overlay DX-D 10G VA+20552

Order the spare parts by using the spare part numbers.



WARNING:

Use of anhydrous or high solvency alcohols, benzene, thinner or any other flammable cleaning agents may result in fire or electric shock.

Be sure only to use ethanol alcohol with max. 70 vol% on the detector!



TOOLS:

- Blow dryer, ethanol alcohol wipe (both commercially available)

3 Instructions



REQUIRED TIME:

Approximately 30 minutes for each detector.



CAUTION:

Ambient temperatures of over 70°C can cause damage to the detector.

Use a heat source that emits heat with a temperature below 70°C for warming up the overlay to soften the adhesive.

- (1) Remove the detector from the Bucky.
- (2) Place the detector on a work surface with enough space to allow moving around the detector.
- (3) Warm up the overlay very carefully with a heat source (e.g. a blow dryer). This helps to soften the adhesive and the overlay can be removed more easily.
- (4) Remove the overlay bit by bit, always with a little heat.

**WARNING:**

Cleaning the DR detector with the power turned on may result in fire or electric shock.

Be sure to turn OFF the power of each device and to unplug the power cord from the AC outlet when cleaning the detector.

Never use anhydrous or high solvency alcohols, benzene, thinner or any other flammable cleaning agent.

- (5) Clean the carbon fiber of all adhesive residues with alcohol wipe.
- (6) Make sure there is no dust on the detector.
- (7) Remove a portion of the new overlay's back foil. The portion left on the overlay should be big enough that you can transfer the overlay smoothly onto the detector's surface.
- (8) Place the new overlay on the detector surface.
- (9) Begin by removing only a bit of the overlay back foil at the narrow side of the detector.
- (10) Make sure the overlay is lined up exactly with the edges and there is no air in between.

4 Verification

Visual and mechanical examination: Verify that the overlay foil is absolutely smooth and shows no creases or scuffs, especially at the corners and the edges.

Run a finger along the edges to check if there are any creases or blisters.

5 Keywords

Varian, Overlay; scuff; fray, crease, DX-D 10C, DX-D 10G, DX-D 10C/G, ethanol

6 Version history

Version	Change	Date
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