

7.7 Replacing the LaserFOCUS aspirator

Important Note: Prior to replacing the aspirator, advise the monitoring authority that power is to be removed and the system disabled.

Caution: Electrostatic discharge precautions need to be taken, prior to removing the front cover from the detector, otherwise damage may occur.

The following Aspirator removal instructions assume normal mounting, refer to Figure 12 below:

1. Disconnect power to the detector.
2. Push in the security tab and lift up the field service access door.
3. Unscrew the two front cover retaining screws, lift and swing down the front cover.
4. Only disconnect the fan wiring loom from the connection point (E) at the aspirator.
5. Undo the retaining screw on the aspirator (A).
6. Swing the aspirator out then lift and remove it from the detector.

Note: Any time the aspirator is removed ensure that the area surrounding it is clear of dirt and debris before it is replaced.

Care must be taken, during aspirator replacement. The aspirator must be correctly seated; this is essential to ensure that gaskets are not damaged or dislodged from the underside of the aspirator.

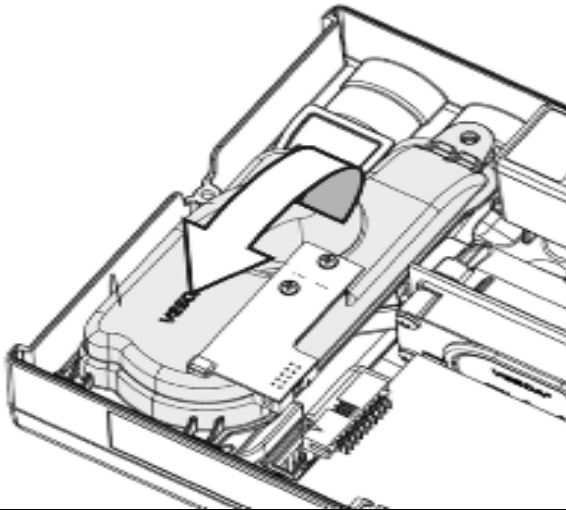
7. Clip the aspirator (VSP-715) into the retaining clip (D) and swing it back into the detector.
8. Tighten the retaining screw (A) but do not over tighten.
9. Reconnect the fan loom to the aspirator (E).
10. Replace the front cover and screw it into place.
11. Close the field service access door.
12. Reconnect the power to the detector.

Document No. 10256_07

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Legend	
A	Aspirator securing screw
B	Swing aspirator out to remove
C	Aspirator
D	Retaining clip points
E	Fan loom connector must be disconnected here

Figure 12: Replacing the aspirator in a VLF detector

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