

Loosening of COBRA Handle Manifold – JFD Guidance Note

Members' attention is brought to the recent Guidance Note issued by JFD relating to the Compact Bailout Rebreathing Apparatus (COBRA) handle manifold becoming loose within the activation assembly on the helmet.

For convenience, the Guidance Note has been attached overleaf as an appendix to this document, but it can also be found online at:

https://www.jfdglobal.com/files/7616/3757/8286/DB500-PGN-18_R0_COBRA_Advisory_Handle_Manifold_becoming_loose.pdf

For more information, please contact bill.chilton@imca-int.com.



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Background

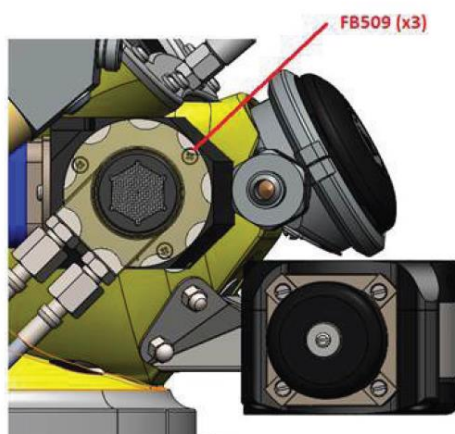
JFD have had reports of the Handle Manifold becoming loose within the Activation Assembly on the Helmet



ISSUE

Handle Manifold becoming loose

After repeated use, the M3 countersunk screws (pt. no. FB509) used to secure the Handle Manifold can loosen and occasionally unscrew completely, leaving the Handle Manifold insufficiently secured into the Mouthpiece Housing on the helmet.



SOLUTION

The general torque stated in the COBRA manual for an M3 screw in a Tappex insert is insufficient in this location. These 3 screws (pt. no. FB509) should be tightened to 8 inch-pounds. Additionally, Loctite 222 should be applied to the countersink area of the screw only. It is important that the Loctite is not applied to the thread of the screw, as this may cause slackening of the insert when the screw is removed.



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It can also be advantageous to remove the Activation Handle to allow improved access to these screws.

The torque of 3 inch-pounds for M3 screws remains appropriate for other locations on the COBRA set.

Contact:

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