



Reference Number	Bulletin 01 – 2022
Affected Product	Certain Fluke Corporation 8x V series Digital Multimeters and Caterpillar part number 257-9140
Risks Identified	Certain Fluke multimeters may not detect a hazardous voltage
Release Date	28 February 2022

Problem Overview

Hastings Deering has been notified of an issue that may affect certain Fluke Corporation digital multimeters (DMM) which can be purchased from Caterpillar dealers as Caterpillar part number **257-9140**, or from Fluke resellers as Fluke model 83-5, model 87-5 and model 88-5 [the -5 may be alternatively known as 'V' series].

The Fluke Corporation have released important safety notices on their region-specific websites with the following issue description on the Australian site available at:

<https://www.fluke.com/en-au/support/safety-notices/8x-v-safety-notice> (**Safety Notice**).

According to the Safety Notice:

- Fluke 8x V series DMMs in the following serial number range may have plastic material intrusion in the COM input terminal. In rare cases, the plastic has sufficiently covered the wall of the input terminal such that it can inhibit proper contact. This has been observed at specific orientations of the test lead plug within the input terminal when used with the "split core" TL75 test leads that shipped with certain regional variants of the product.
- If using the Fluke 8x V series DMM for the purpose of confirming the absence of voltage this may result in a non-hazardous voltage reading when hazardous voltage is present, thereby creating a potential safety risk.

Material reviewed by Hastings Deering and provided by Caterpillar Inc has suggested that a false negative may lead to electric shock or arc flash from subsequent user actions as a result of the false negative indication, possibly causing injury or even death.



The following Fluke 8x V series DMMs are potentially impacted:

Item Number	Model	Manufacturing Dates	Starting Serial No.	Ending Serial No.
5067419	IB875K	June 7, 2019 – August 26, 2021	46280001	55370001
2075004	FLUKE-83-5			
2074974	FLUKE-87-5			
2670150	FLUKE-87-5/E2 KIT			
2550519	FLUKE-88-5			
2117440	FLUKE-88-5/A KIT			
3448783	FLUKE-87V/IMSK			
5140033	FLUKE-87V-MAX			
5160712	FLUKE-87V-MAX/E2 KIT			

Suggested action

Hastings Deering suggests that if you own or use a potentially impacted Fluke 8x V series DMM you may wish to follow the suggested guidance provided by Fluke in the Safety Notice to ensure safe usage.

This bulletin is to inform you of the recommendations of the supplier in respect of issues dealt with in the bulletin and should not be used as specific advice in respect of any particular events. Advice from a qualified repairer should be sought in respect of any particular events and Hastings Deering (Australia) Ltd accepts no responsibility for any loss or damage occasioned by a party using this bulletin.