

Dealer Operator / General Manager	Sales New Vehicles	Sales Used Vehicles	Business Manager (F&I)	Service	Parts & Accessories	Administration
Date: Bulletin #	Jan 13, 2018 SV-ZMC-018-382	Source: Phone #:	Zero Motorcycles Aftersales Department US: (888) 786-9376 Ext. 2 Netherlands: +31 72 5112014			Program Period: Commencing January, 2018

SERVICE INSTRUCTION: MY13 Module FET Replacement

Purpose

Replacement procedures for the module FET board.

Applicable Models

This procedure can be used for:

- MY13: FX - XU

Tools Required

- 3mm ball allen
- Volt Meter
- Cardboard Protectors (3" x 3" square)
- Compound 70 (45-08182)

Parts Required

- 41-04139 MODULE FET PCB ASSY

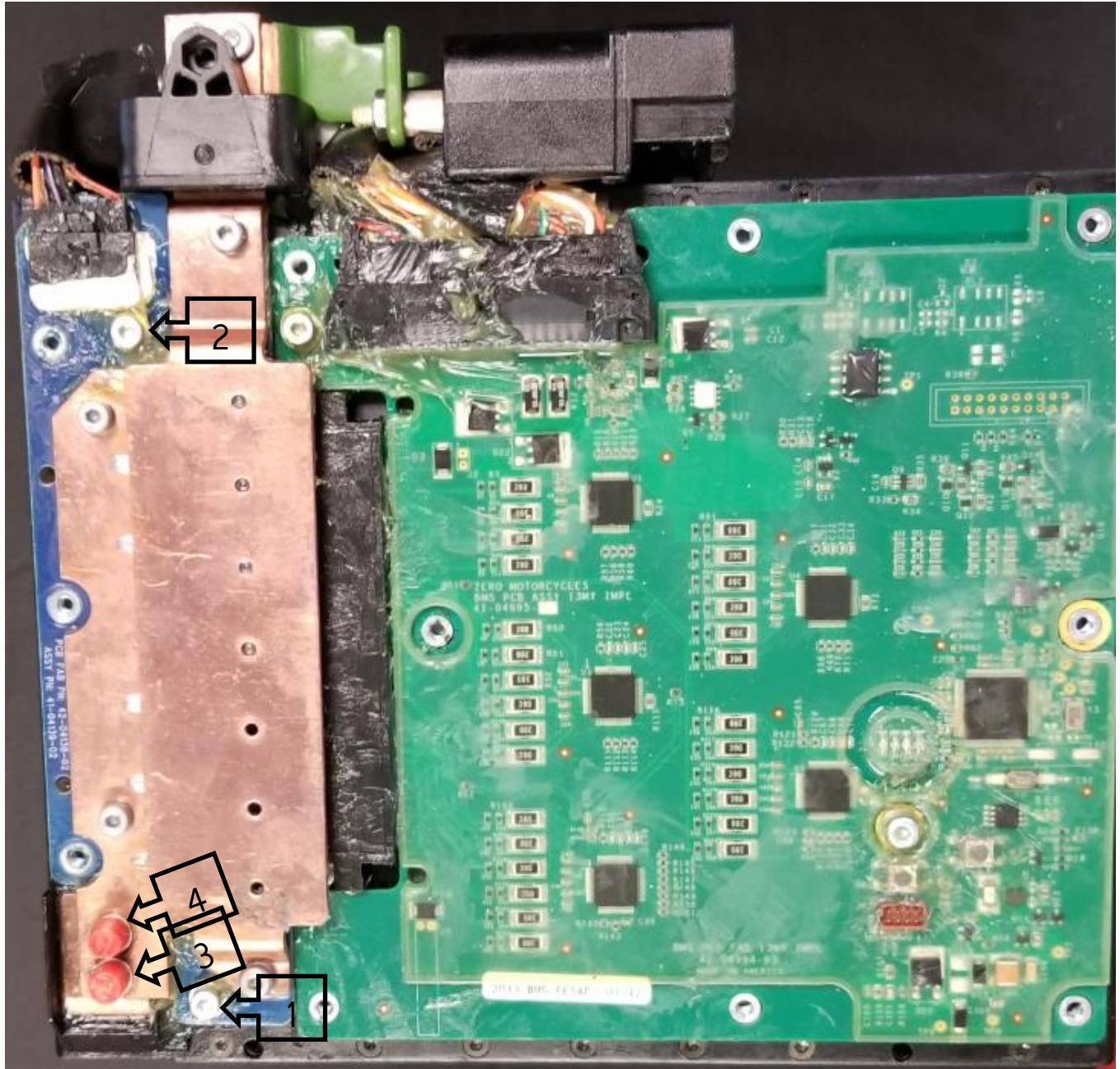
Procedure

- 1) Remove module(s) from motorcycle, and place on bench with a protective cover (cloth sheet or cardboard).
- 2) Remove top and side covers from module.



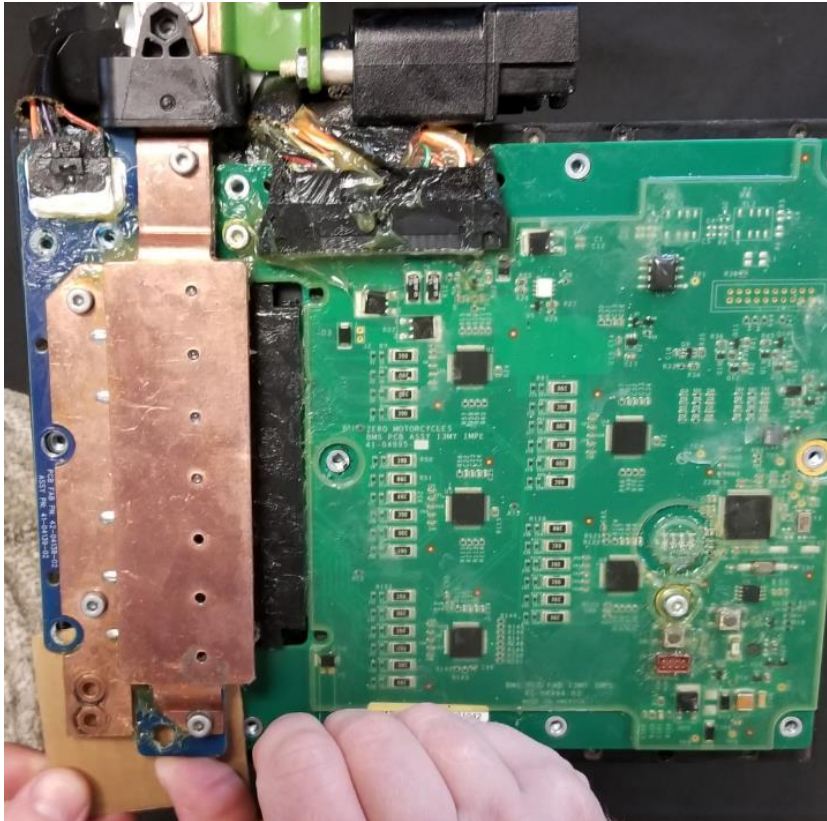
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3) Remove bolts in order below.



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- 4) Raise the bottom of the FET board, and insert the first of the cardboard protectors.

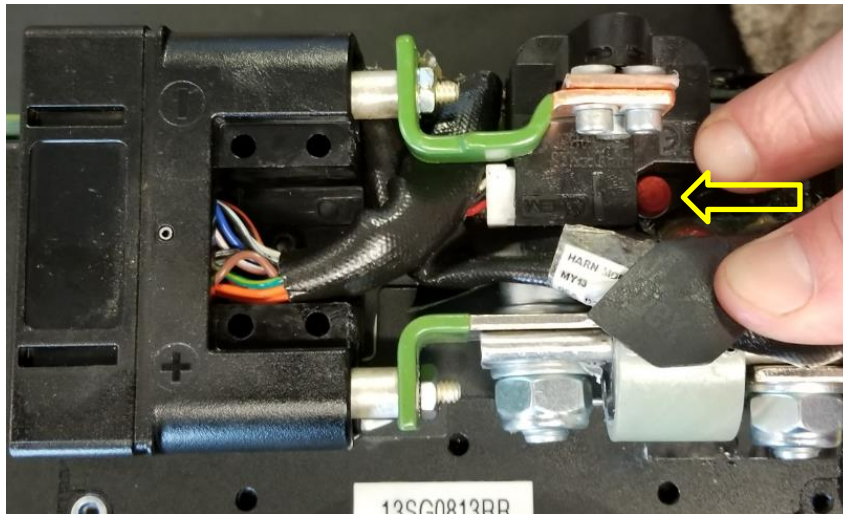


- 5) Disconnect the FET board connector (**IMPORTANT** leave disconnected until step 13).



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- 6) Remove the current sensor mount bolt.



- 7) Remove the 3 FET board mount bolts, using the second cardboard protector.

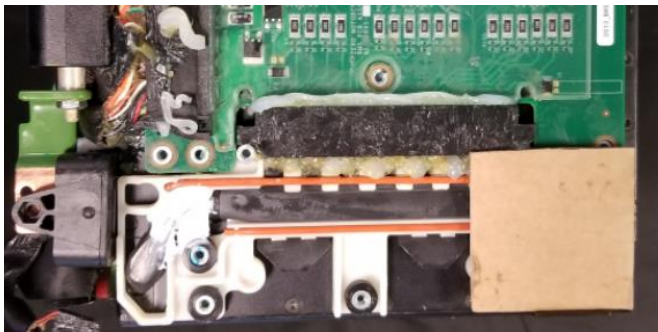


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- 8) Remove the FET board from the module, by sliding it down, through the current sensor.



- 9) Place the first cardboard protector on the battery terminal, and slide the new FET board up, through the current sensor.



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10) Install the current sensor mount bolt, and red cap, to help steady the FET board.

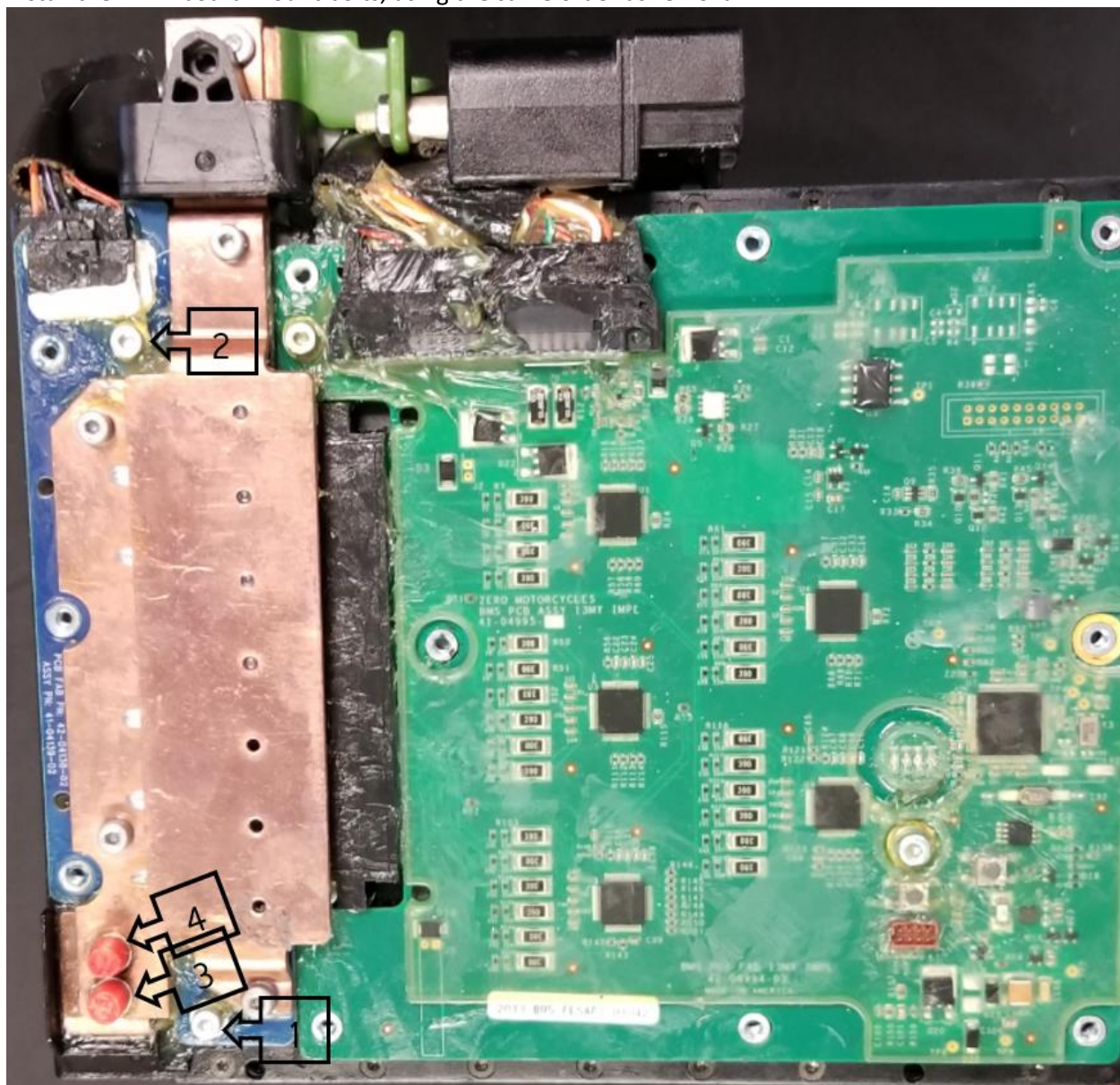


11) Install the 3 FET board mount bolts, using the cardboard protector.



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12) Install the 4 FET board mount bolts, using the same order as removal.



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13) Apply Compound 70 to the FET board connector, and reconnect.

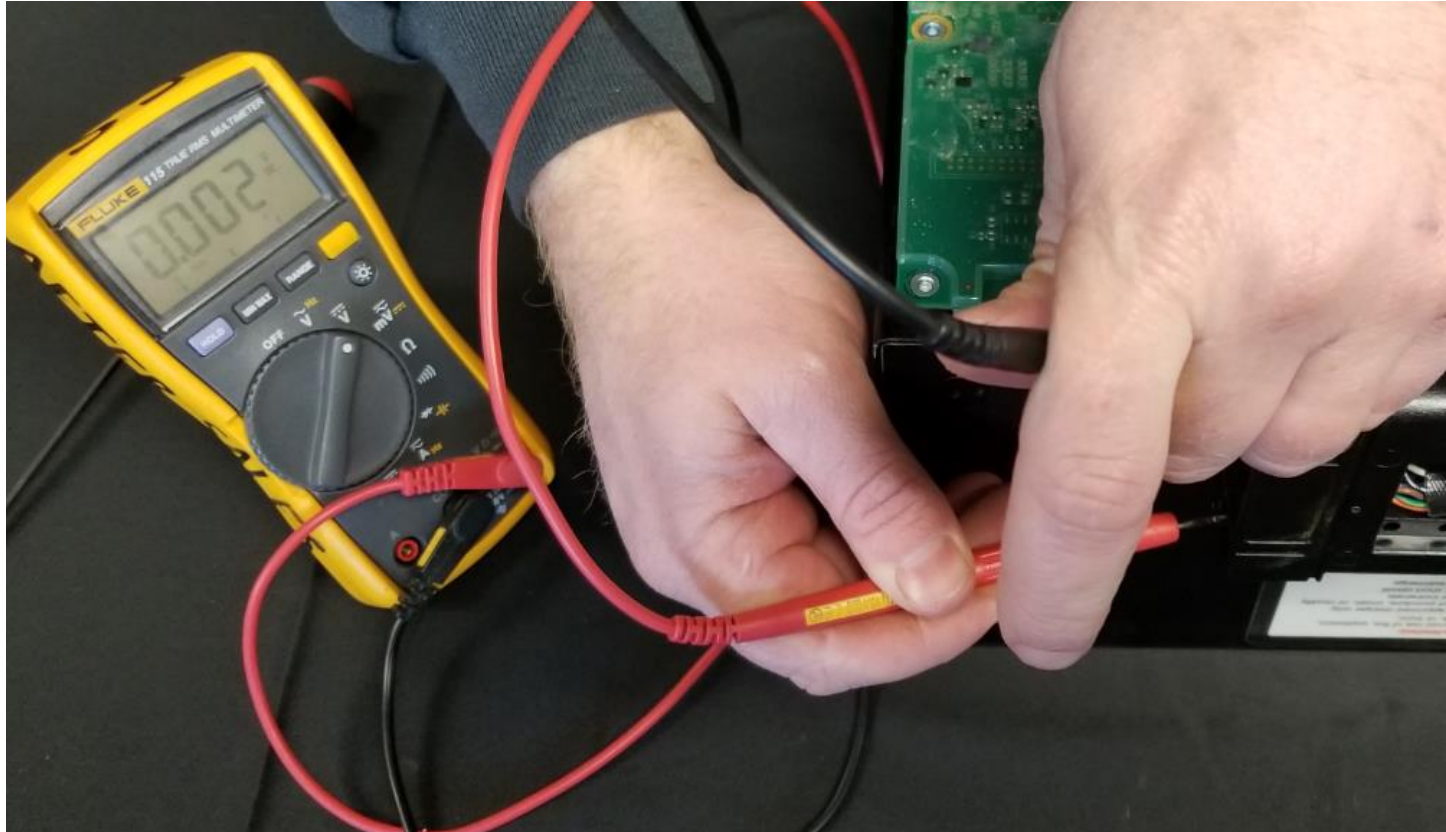


14) Apply Compound 70 to the back of the FET board connector.



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15) Measure DC voltage at the Anderson connector. It should now be less than 2VDC.



16) Reinstall side and top covers.