



Subject: Adding Ignition and Battery powered circuits for upfitter use – 2023 BrightDrop Zevo cargo vans.
Models Years Affected: 2023 - 2024
Models Affected: BrightDrop Zevo 400/600 Cargo Vans
Origination Date: December 12, 2022
Revision Date: June 27, 2023

ADVISORY:

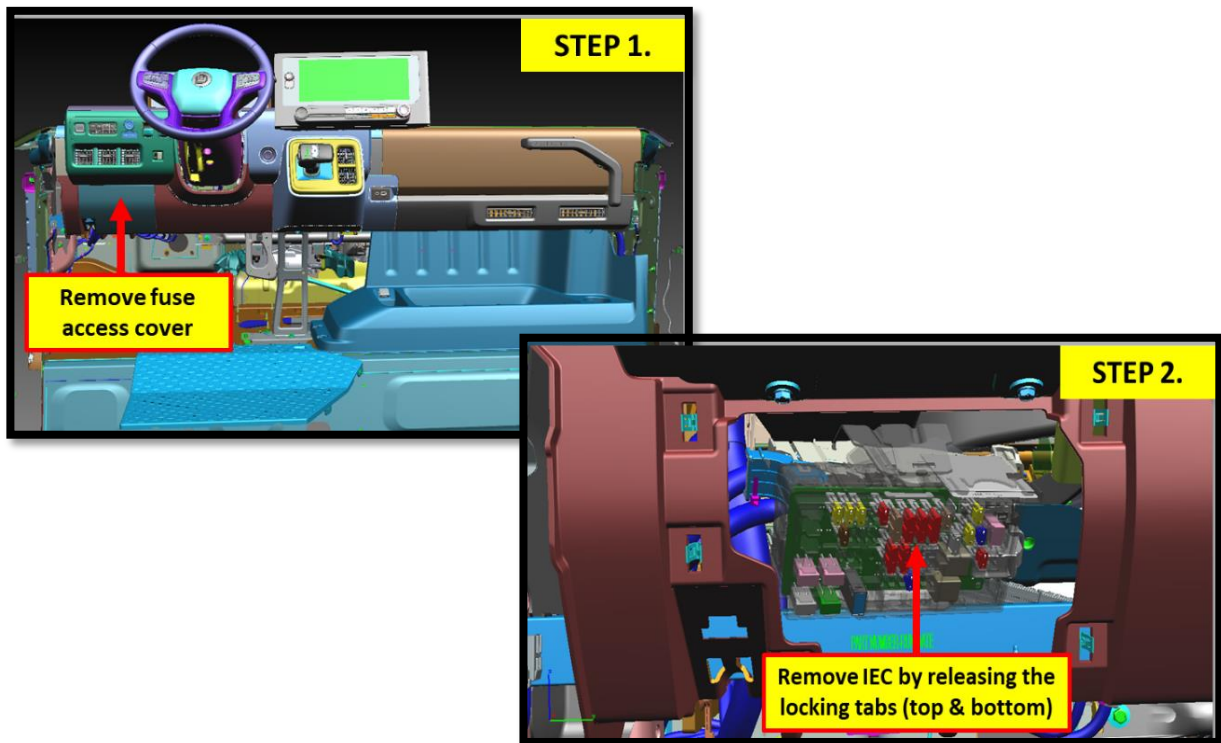
Condition/Concern:

Upfitters wanting to add an Ignition and direct battery power provision circuit with grounding on the BrightDrop Zevo cargo vans.

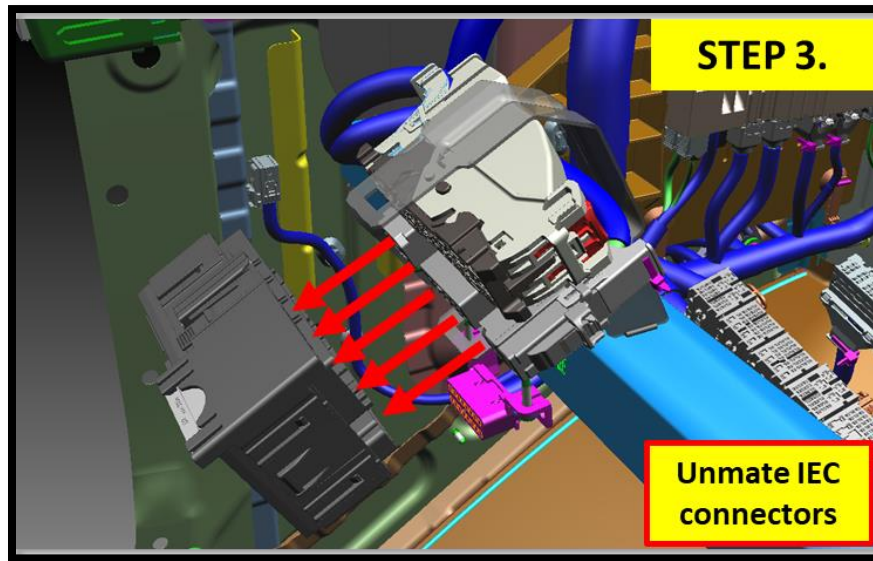
Repair/Recommendation:

2023MY BrightDrop Zevo 600 cargo vans.

NOTE: Prior to performing the adding of the power provision circuit a negative 12v disconnect is required...please refer to [UI Bulletin 190](#) for instructions on the negative cable disconnect.



General Motors Upfitter Integration
<http://www.gmupfitter.com>



BATTERY FEED HOT AT ALL TIMES.

For cavity you can also use Yazaki terminal P/N 7116-4781-02

STEP 4.

Add wire to cavity 25 use wire gauge 0.5mm² at least. Max wire gauge 1.0mm². Use terminal APTIV PN 10846792 for 0.5 wire gauge or 10846793 for 1.0 wire gauge.

ITEM NO. 29-16800201_01 # J69	
SPN 35549468	
CONNECTOR-34LINE-REC K200	
25470889 - 12V WIRE BRESS MAT	
CAV	WIRE
1	
2	
3	
4	
5	
6	
7	
8	2540
9	1940C
10	239A
11	239
12	
13	
14	
15	25
16	25
17	25
18	25
19	5039C
20	1440
21	
22	3040
23	
24	1749
25	1749
26	1840
27	
28	
29	3040
30	2440
31	2840
32	
33	
34	2740
35	2340B
36	2240B
37	2240A
38	2440
39	1440
40	
41	2540
42	2540
43	
44	1940
45	
46	5040
47	
48	1840
49	1540B
50	1540B

BLK



2.8 SERIES CONNECTOR

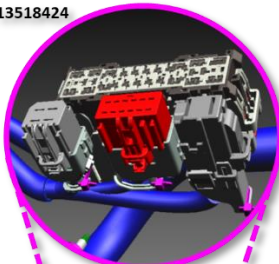

GM & SERVICE PN 13518424

TERMINALS:
7116-4272-02

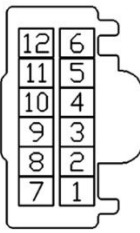
T/L 19368264
2.5MM2

RAP/ACCESORY BATTERY FEED.

STEP 5.

Conn GM PN:
13518424
X600X203_X1



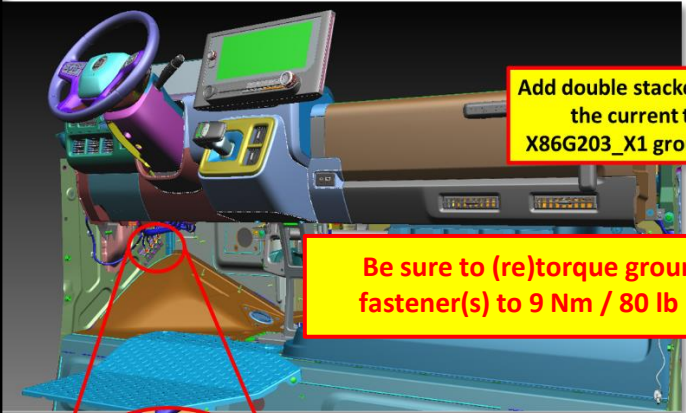
GRA LT

ITEM NO: 41~X600X203_X1 @ H71	
DPN: 35337301	
CONNECTOR-INLINE-BEC X203	
CAV	WIRE
1	
2	
3	
4	
5	1150H
6	4083
7	1001
8	
9	
10	439
11	
12	
SYMBOL	ALL

Add wire to cavity 3
use wire gauge
1.5mm2 at least.
Use terminal APTIV
PN 10725740 or
10486791 / 13939293

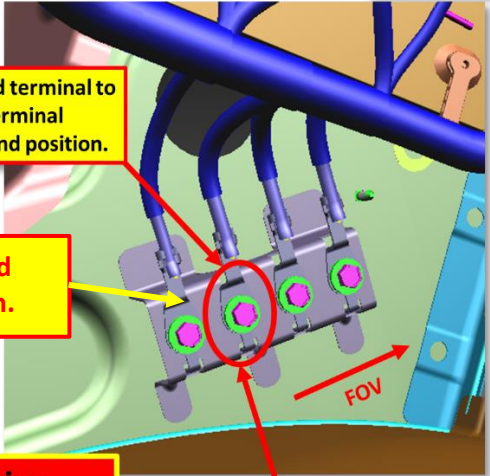
GROUND CONNECTION.

STEP 6.



Add double stacked terminal to
the current terminal
X86G203_X1 ground position.

Be sure to (re)torque ground
fastener(s) to 9 Nm / 80 lb in.



Use this ring
terminal position
only

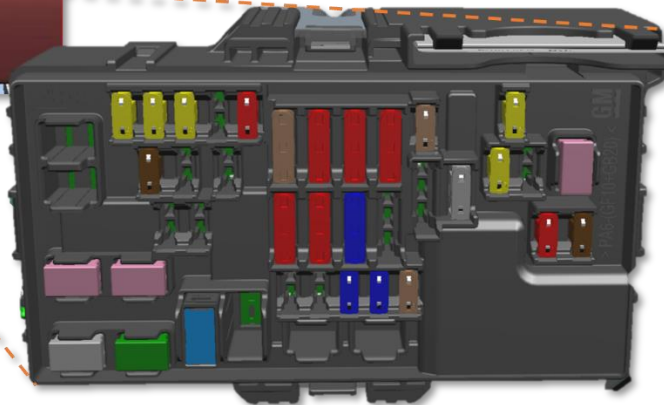
Use ring terminal GM PN:
85140741 stacked under
current terminal.



STEP 7.

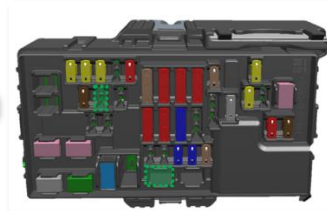
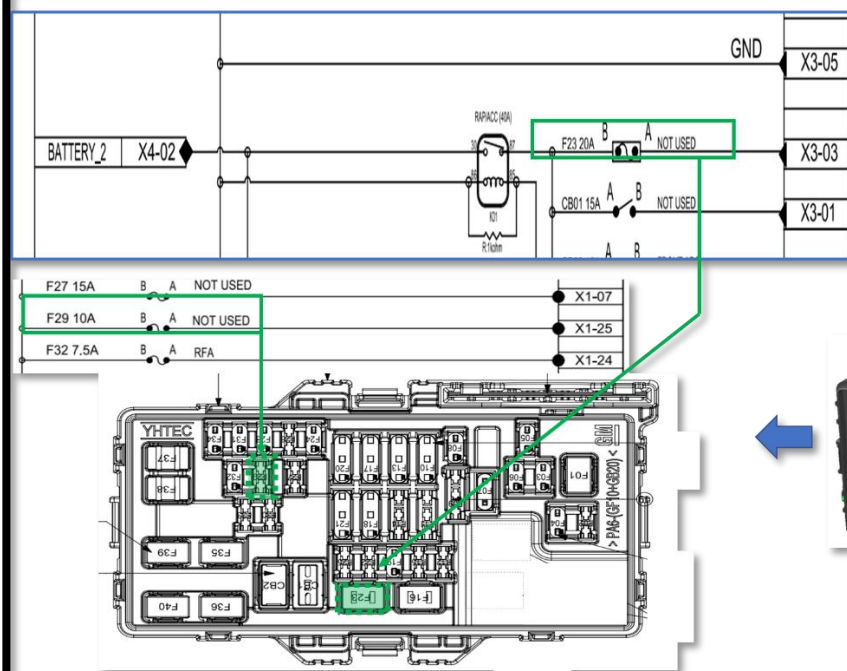


Fuses must be added on the cavities marked in **green**.



STEP 7.

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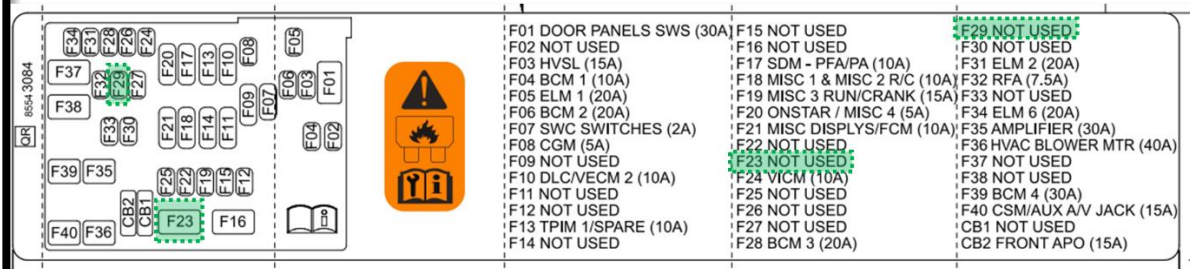


Additional Information:

Fuses specs.

F29 ----- Not used → Upfitters 1 → **Micro Fuse** -- 15A (GMPN 84082841 / Littelfuse PN 0327015)

F23 ----- Not Used → Upfitters 2 → **Slow Blown M-Case** -- 20 A (GMPN 84490335 / Littelfuse PN 06995020)



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