



Subject: Adding Ignition and Battery powered circuits for upfitter use – 2023 BrightDrop Zevo cargo vans.

Models Years Affected: 2023 - Current

Models Affected: Chevrolet BrightDrop 400/600m Electric Vans

Origination Date: December 12, 2022

Revision Date: September 11, 2024

ADVISORY:

Condition/Concern:

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

Repair/Recommendation:

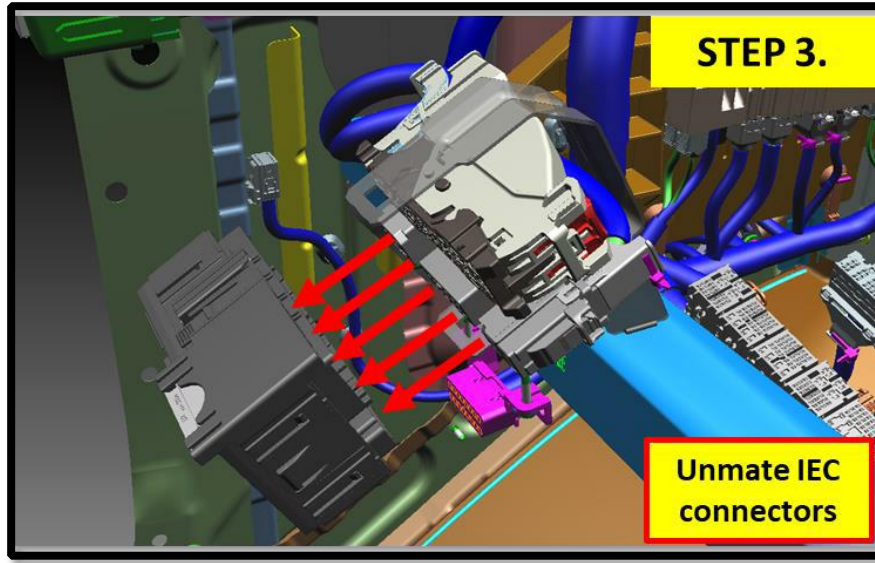
2023MY BrightDrop Electric 600 vans.

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.



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<http://www.gmupfitter.com>



BATTERY FEED HOT AT ALL TIMES.

STEP 4.

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

IEC - conns behind

Conn GM PN:
13537037
X600X201_X1

ITEM NO	39-1608X201_X1 # J65
39M	35543463
CONNECTOR-PIN-INC-REC K20	
35450880 - CDV WIRE DRESS MAT	
CAV	WIRE
1	
2	
3	
4	
5	
6	
7	
8	2540
9	0840C
10	226A
11	229
12	
13	
14	
15	
16	
17	
18	
19	5039C
20	1440
21	
22	2640
23	
24	174
25	
26	1640
27	
28	
29	2640
30	2940
31	0840
32	
33	
34	0740
35	0340B
36	0840B
37	0240A
38	2440
39	1040
40	
41	0740
42	0540
43	
44	1940
45	
46	5040
47	
48	0840
49	2540B
SYMBOL ALL	

BULK

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.



2.8 SERIES CONNECTOR

GM & SERVICE PN 13518424

TERMINALS:
7116-4272-02

T/L 19368264
2.5MM2

RAP/ACCESORY BATTERY FEED.

GRA LT

STEP 5.

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.

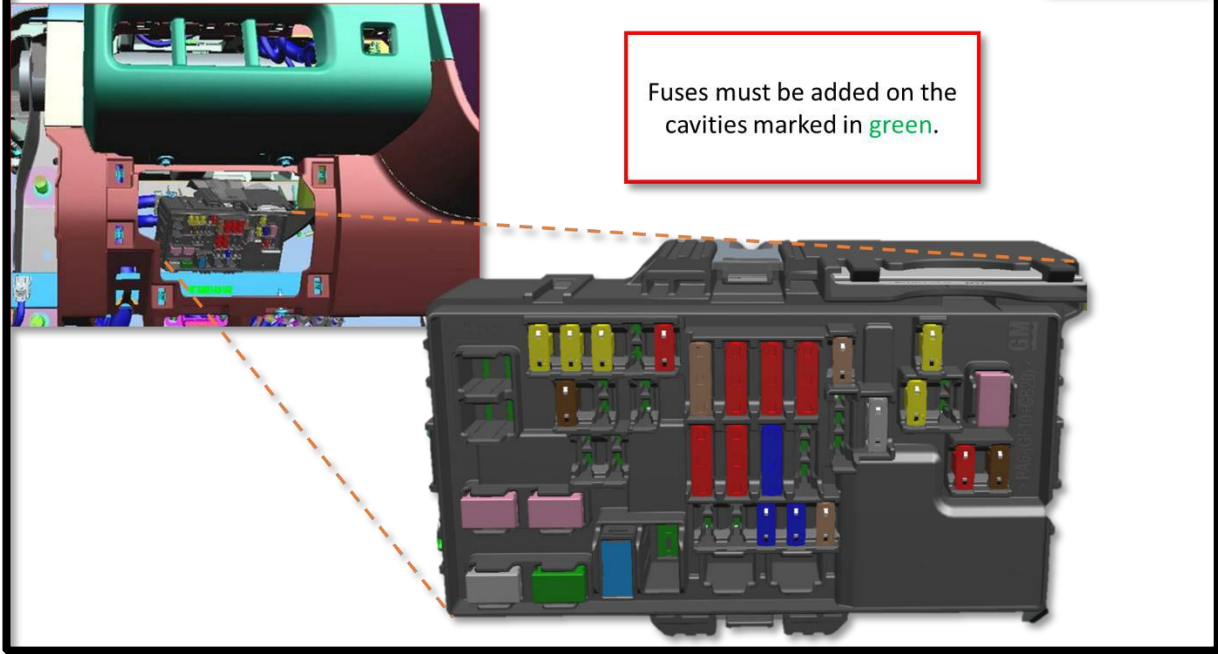
STEP 6.

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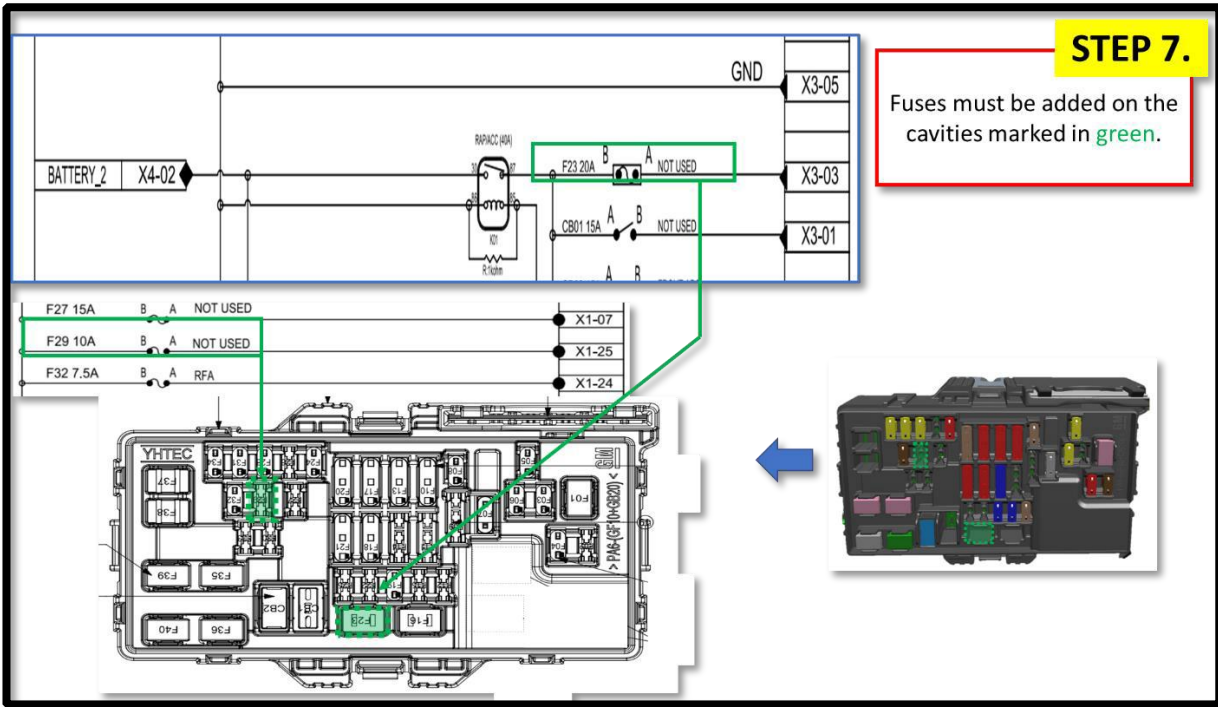
<http://www.gmupfitter.com>



STEP 7.



STEP 7.



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Disclaimer: GM Upfitter Integration Technical Bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service and/or modification of a vehicle. These properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. Contact GM Upfitter Integration for information on whether the information is applicable your vehicle.



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)

		<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;"> F01 DOOR PANELS SWS (30A) F02 NOT USED F03 HVSL (15A) F04 BCM 1 (10A) F05 ELM 1 (20A) F06 BCM 2 (20A) F07 SWG SWITCHES (2A) F08 CGM (5A) F09 NOT USED F10 DLC/VECM 2 (10A) F11 NOT USED F12 NOT USED F13 TPIM 1/SPARE (10A) F14 NOT USED </td> <td style="width: 33%;"> F15 NOT USED F16 NOT USED F17 SDM - PFA/PA (10A) F18 MISC 1 & MISC 2 R/C (10A) F19 MISC 3 RUN/CRANK (15A) F20 ONSTAR / MISC 4 (5A) F21 MISC DISPLYS/FCM (10A) F22 NOT USED F23 NOT USED F24 VICM (10A) F25 NOT USED F26 NOT USED F27 NOT USED F28 BCM 3 (20A) </td> <td style="width: 33%;"> F29 NOT USED F30 NOT USED F31 ELM 2 (20A) F32 RFA (7.5A) F33 NOT USED F34 ELM 6 (20A) F35 AMPLIFIER (30A) F36 HVAC BLOWER MTR (40A) F37 NOT USED F38 NOT USED F39 BCM 4 (30A) F40 CSM/AUX A/V JACK (15A) CB1 NOT USED CB2 FRONT APO (15A) </td> </tr> </table>	F01 DOOR PANELS SWS (30A) F02 NOT USED F03 HVSL (15A) F04 BCM 1 (10A) F05 ELM 1 (20A) F06 BCM 2 (20A) F07 SWG SWITCHES (2A) F08 CGM (5A) F09 NOT USED F10 DLC/VECM 2 (10A) F11 NOT USED F12 NOT USED F13 TPIM 1/SPARE (10A) F14 NOT USED	F15 NOT USED F16 NOT USED F17 SDM - PFA/PA (10A) F18 MISC 1 & MISC 2 R/C (10A) F19 MISC 3 RUN/CRANK (15A) F20 ONSTAR / MISC 4 (5A) F21 MISC DISPLYS/FCM (10A) F22 NOT USED F23 NOT USED F24 VICM (10A) F25 NOT USED F26 NOT USED F27 NOT USED F28 BCM 3 (20A)	F29 NOT USED F30 NOT USED F31 ELM 2 (20A) F32 RFA (7.5A) F33 NOT USED F34 ELM 6 (20A) F35 AMPLIFIER (30A) F36 HVAC BLOWER MTR (40A) F37 NOT USED F38 NOT USED F39 BCM 4 (30A) F40 CSM/AUX A/V JACK (15A) CB1 NOT USED CB2 FRONT APO (15A)
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