

ZONE	REV	DESCRIPTION	DATE	APPROVED
C8	A	CHANGED CONNECTOR P/N FROM HDP24-24-23PE	9/11/2017	CBC

J2 FMM INTERFACE DEUTSCH DT04-12PA W12P

TERMINAL	WIRE	WIRE SIZE
1	N/A	N/A
2	ORN	18 AVG TXL
3	WHT	18 AVG TXL
4	BLU/RED	18 AVG TXL
5	BLU/WHT	18 AVG TXL
6	GRY/BLU	18 AVG TXL
7	N/A	N/A
8	YEL/BLU	18 AVG TXL
9	WHT	18 AVG TXL
10	YEL/RED	18 AVG TXL
11	PRP	18 AVG TXL
12	N/A	N/A

P5 PLUG DEUTSCH DT04-12PA AND SEALS

P5 CHASSIS INTERFACE DEUTSCH DT06-12SA W12S

TERMINAL	WIRE	WIRE SIZE
1	N/A	N/A
2	ORN	18 AVG TXL
3	WHT	18 AVG TXL
4	BLU/RED	18 AVG TXL
5	BLU/WHT	18 AVG TXL
6	N/A	N/A
7	N/A	N/A
8	YEL/BLU	18 AVG TXL
9	WHT	18 AVG TXL
10	YEL/RED	18 AVG TXL
11	PRP	18 AVG TXL
12	N/A	N/A

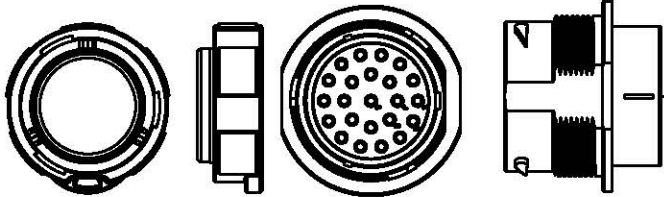
P2 FLIM DELPHI 12015798

TERMINAL	WIRE	WIRE SIZE
A	ORN	18 AVG TXL
B	GRY/YEL	18 AVG TXL
C	WHT	18 AVG TXL
D	BLU	18 AVG TXL

P1 ECU DELPHI 12129225 W/ STRAIN RELF 21260848

TERMINAL	WIRE	WIRE SIZE
1	N/A	N/A
2	ORN	18 AVG TXL
3	N/A	N/A
4	N/A	N/A
5	BLU/WHT	18 AVG TXL
6	N/A	N/A
7	N/A	N/A
8	GRN	18 AVG TXL
9	YEL	18 AVG TXL
10	BLK	18 AVG TXL
11	GRY/BLU	18 AVG TXL
12	GRY/BLK	18 AVG TXL
13	ORN	18 AVG TXL
14	WHT	18 AVG TXL
15	GRY	18 AVG TXL
16	BLU/RED	18 AVG TXL
17	GRY/RED	18 AVG TXL
18	N/A	N/A
19	N/A	N/A
20	WHT/RED	18 AVG TXL
21	N/A	N/A
22	GRY/ORN	18 AVG TXL
23	BRN	18 AVG TXL
24	GRY/YEL	18 AVG TXL

J1 PLUG DEUTSCH HDC26-24



J1 CHASSIS INTERFACE DEUTSCH HDP24-24-23PE

TERMINAL	WIRE	WIRE SIZE	TERMINAL	WIRE	WIRE SIZE
A	N/A	N/A	N	N/A	N/A
B	ORN	18 AVG TXL	D	WHT	18 AVG TXL
C	YEL/RED	18 AVG TXL	P	N/A	N/A
D	PRP	18 AVG TXL	Q	YEL/BLU	18 AVG TXL
E	N/A	N/A	R	GRY/RED	18 AVG TXL
F	BLU	18 AVG TXL	S	N/A	N/A
G	N/A	N/A	T	BLK	18 AVG TXL
H	GRN	18 AVG TXL	U	WHT/RED	18 AVG TXL
J	YEL	18 AVG TXL	V	N/A	N/A
K	N/A	N/A	V	N/A	N/A
L	GRY	18 AVG TXL	X	BRN	18 AVG TXL
M	N/A	N/A			

J3 TERMINATING RESISTOR DEUTSCH DT04-3P

TERMINAL	WIRE	WIRE SIZE
A	YEL	18 AVG TXL
B	GRN	18 AVG TXL
C	N/A	N/A

J3 PLUG DEUTSCH DT06-3S AND SEALS

P4 FUEL RELAY DELPHI 12065686

TERMINAL	WIRE	WIRE SIZE
30	ORN	18 AVG TXL
85	ORN	18 AVG TXL
86	GRY/ORN	18 AVG TXL
87A	N/A	N/A
87	YEL/BLU	18 AVG TXL

P3 STARTER RELAY DELPHI 12065686

TERMINAL	WIRE	WIRE SIZE
30	YEL/RED	18 AVG TXL
85	YEL/RED	18 AVG TXL
86	GRY/BLK	18 AVG TXL
87A	N/A	N/A
87	PRP	18 AVG TXL

- NOTES:**
- HARNES TO BE BRAIDED WITH VN4400S OR EQUIVALENT PVC COATED YARN**
 - USE WITH VERTICAL FMM W/ ELECTRONICS**
 - REPLACES MP92-1027**

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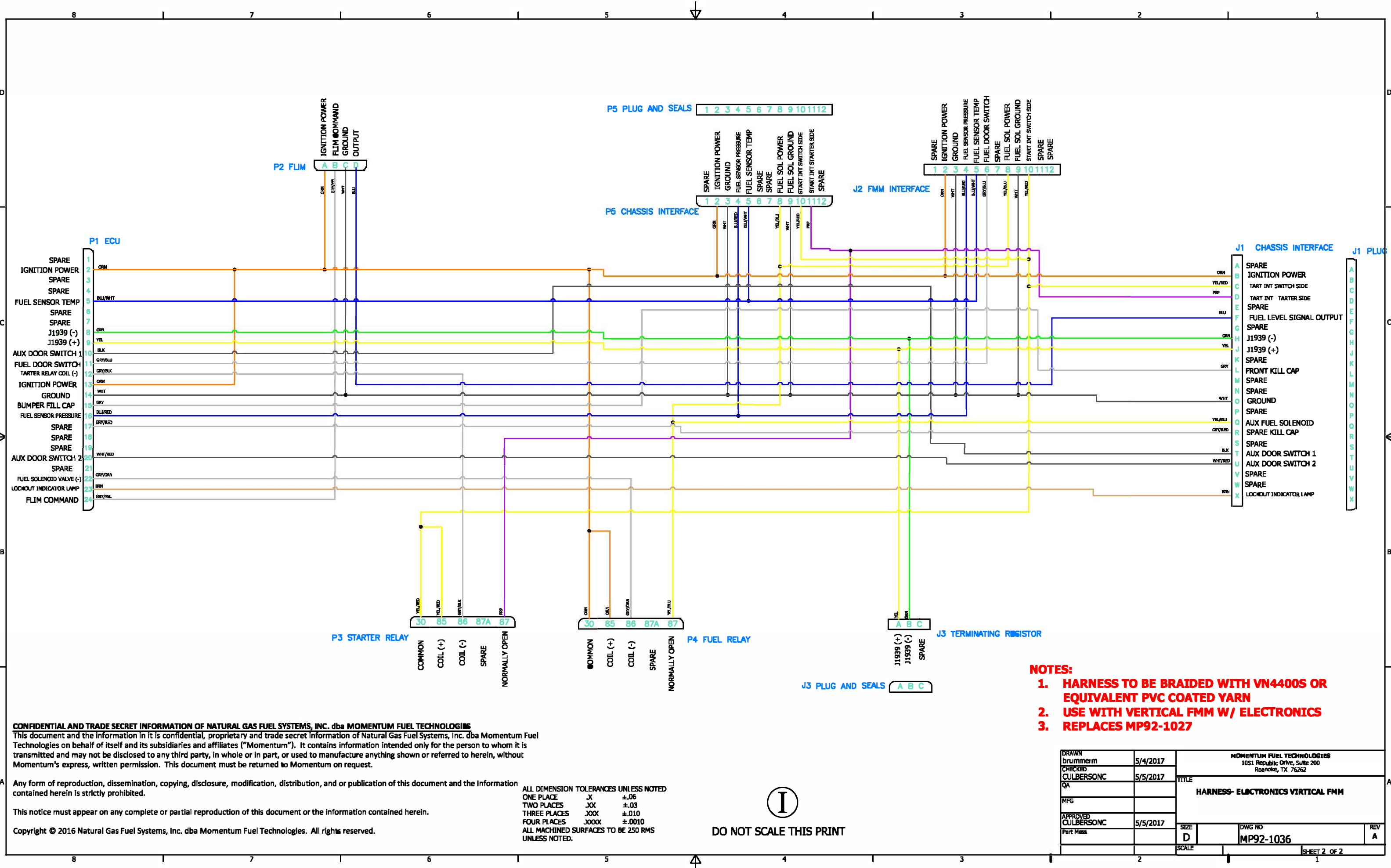
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ALL DIMENSION TOLERANCES UNLESS NOTED
 ONE PLACE .X ±.06
 TWO PLACES .XX ±.03
 THREE PLACES .XXX ±.010
 FOUR PLACES .XXXX ±.0010
 ALL MACHINED SURFACES TO BE 250 RMS UNLESS NOTED.

I
 DO NOT SCALE THIS PRINT

DRAWN brummern	5/4/2017	MOMENTUM FUEL TECHNOLOGIES 1051 Republic Drive, Suite 200 Roanoke, TX 76262	
CHECKED CULBERSONC	5/5/2017	TITLE HARNES- ELECTRONICS VERTICAL FMM	
QA		SIZE D	DWG NO MP92-1036
MFG		SCALE	REV A
APPROVED CULBERSONC	5/5/2017	SHEET 1 OF 2	
Part Mass			



- NOTES:**
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QA		SIZE D	DWG NO MP92-1036
APPROVED CULBERSONC	5/5/2017	SCALE	REV A
Part Mass			SHEET 2 OF 2