

**J2 FMM INTERFACE
DEUTSCH DT04-12PA
W12P**

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

**P6 J1939 CAN 1
DEUTSCH DT06-3S**

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

**P1 ECU
DELPHI 12129225 W/
STRAIN RELF 12160848**

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

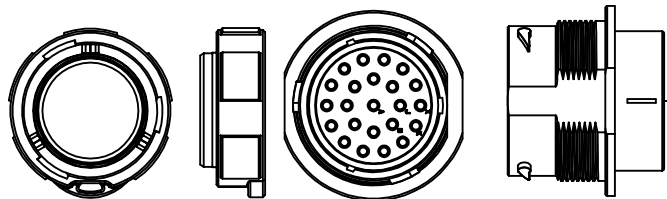
**P2 FLIM
DELPHI 12015798**

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

**P7 J1939 CAN 2
DEUTSCH DT06-3S**

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

**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 AWG TXL	D	WHT	18 AWG TXL
C	YEL/RED	18 AWG TXL	P	N/A	N/A
D	PRP	18 AWG TXL	Q	YEL/BLU	18 AWG TXL
E	N/A	N/A	R	GRY/RED	18 AWG TXL
F	BLU	18 AWG TXL	S	N/A	N/A
G	N/A	N/A	T	BLK	18 AWG TXL
H	GRN	18 AWG TXL	U	WHT/RED	18 AWG TXL
J	YEL	18 AWG TXL	V	N/A	N/A
K	N/A	N/A	W	N/A	N/A
L	GRY	18 AWG TXL	X	BRN	18 AWG TXL
M	N/A	N/A			

**P4 FUEL RELAY
DELPHI 12066033**

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

**P3 STARTER RELAY
DELPHI 12066033**

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

**J3 J1939 TO
BULKHEAD
DEUTSCH DT04-3P**

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

NOTES:

- HARNES TO BE BRAIDED WITH VN4400S OR EQUIVALENT PVC COATED YARN**
- USE WITH VERTICAL FMM W/ ELECTRONICS**
- REPLACES MP92-1036**
- ALL WIRES TO BE 18 AWG TXL**
- PLUG ALL UNUSED CONNECTORS**



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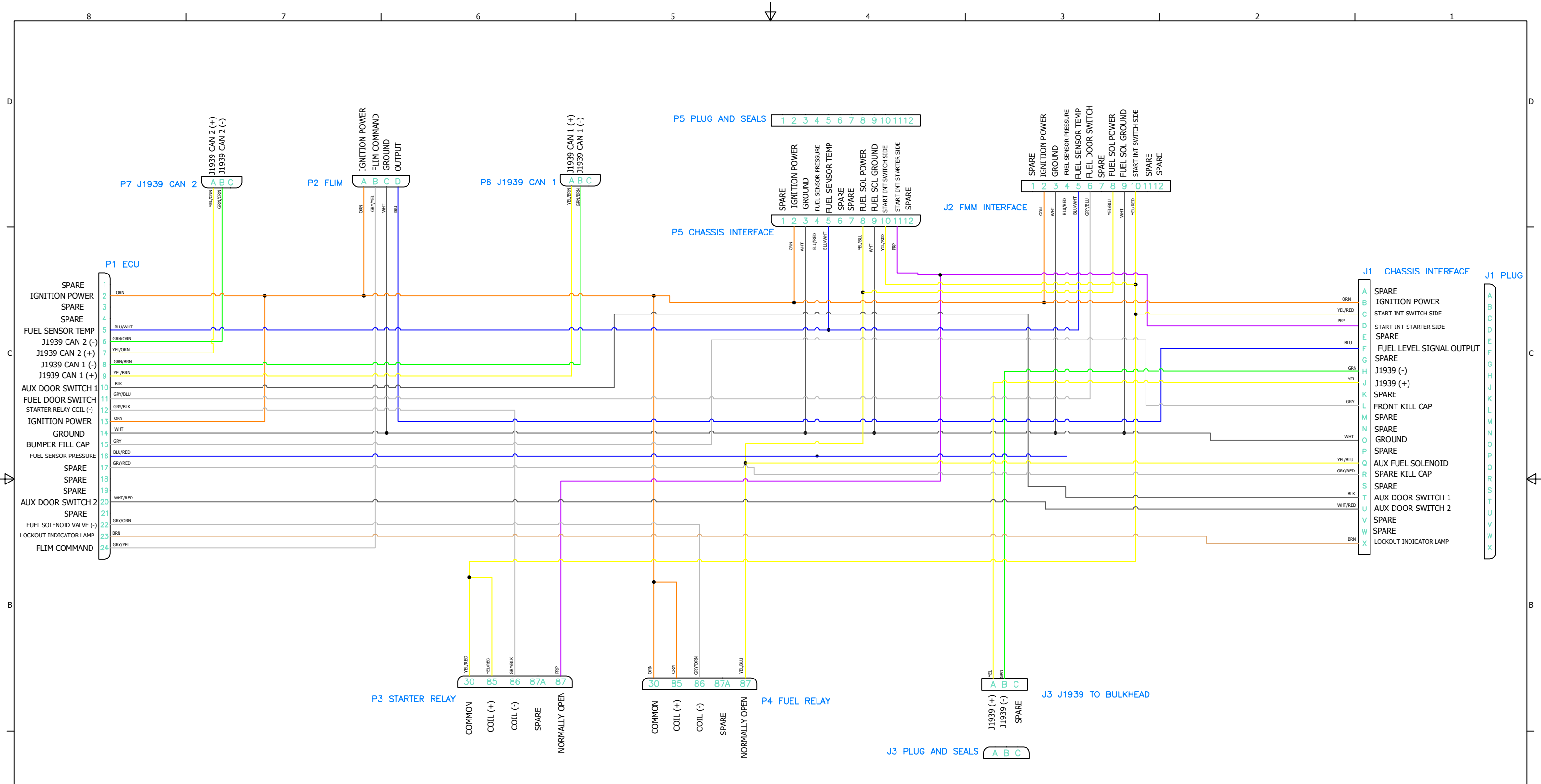
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ALL DIMENSION TOLERANCES UNLESS NOTED
 ONE PLACE .X ±.06
 TWO PLACES .XX ±.03
 THREE PLACES .XXX ±.010
 FOUR PLACES .XXXX ±.0010
 ALL MACHINED SURFACES TO BE 250 RMS UNLESS NOTED.

DRAWN brummern	9/19/2019	MOMENTUM FUEL TECHNOLOGIES 1051 Republic Drive, Suite 200 Roanoke, TX 76262	
CHECKED		TITLE HARNES- ELECTRONICS VERTICAL FMM	
QA		SIZE D	DWG NO MP92-1632
MFG		SCALE	REV
APPROVED		SHEET 1 OF 2	
Part Mass			



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MFG		SCALE	REV
APPROVED		SHEET 2 OF 2	
Part Mass			