



REVISIONS			
REV	DESCRIPTION	APPROVAL	DATE
1	FIRST PROTOTYPE	JLS	1/11/16
A	REVISED SEVERAL CIRCUIT COLORS	MJJ	5/06/16
B	UPDATED WIRE COLORS AND GAUGES	JLS	8/22/16
C	ADD CONVOLUTE NOTE AND IMPROVE CONNECTOR GRAPHICS ADD MAP SENSOR CONNECTOR	MJJ	11/15/16

FORD 42 PIN CONNECTOR	
1	VSW
2	TACH
3	MIL FLASH
4	BRK
5	FUEL PUMP +
6	MIL
7	FUEL SELECT
8	
9	AUX ANA PUD1
10	FPP2
11	F1VB
12	F2VB
13	F3VB
14	F4VB
15	START COMMAND
16	
17	FUEL PUMP -
18	
19	
20	
21	
22	GOV SELECT 2
23	GOV SELECT 1
24	NS
25	DK GREEN/YELLOW 18
26	DK BLUE/WHITE 18
27	DK BLUE/PINK 18
28	DK BLUE/WHITE 18
29	CAN +
30	CAN -
31	VREF
32	ANA AUX PD1
33	ANA RTN
34	
35	
36	DK BLUE/RED 18
37	AUX ANA PUD2
38	
39	AUX PWM1
40	
41	
42	

VEHICLE INTERFACE CONNECTOR	
1	RED/LT GREEN 18
2	ORANGE 18
3	GRAY 18
4	WHITE/LT BLUE 18
5	PINK/BLACK 18
6	DK GREEN/YELLOW 18
7	YELLOW/DK BLUE 18
8	
9	PURPLE/LT BLUE 18
10	PURPLE/YELLOW 18
11	LT BLUE/PINK 18
12	LT BLUE/WHITE 18
13	LT BLUE/BLACK 18
14	BLACK/RED 16
15	BLACK/WHITE 18
16	BLACK 12
17	BLACK/YELLOW 18
18	GRAY/DK BLUE 18
19	BLACK/WHITE 18
20	BLACK/BLACK 18
21	BLACK/BLACK 18
22	GRAY/DK BLUE 18
23	GRAY/WHITE 18
24	DK GREEN/WHITE 18
25	DK BLUE 18
26	DK BLUE/WHITE 18
27	DK BLUE/PINK 18
28	DK BLUE/WHITE 18
29	LT GREEN/RED 18
30	ORANGE/YELLOW 18
31	GRAY/RED 18
32	ANA AUX PD1
33	ANA RTN
34	
35	
36	DK BLUE/RED 18
37	AUX ANA PUD2
38	
39	AUX PWM1
40	
41	
42	

CAN TERMINATION CONNECTOR	
1	WHITE 18
2	WHITE 18

DEPR	
1	RED/LT BLUE 16 V-RELAY
2	DK BLUE/PINK 18 CAN TERM
3	WHITE 18 CAN TERM
4	BLACK 18 GROUND
5	DK BLUE/WHITE 18 CAN
6	RED/TAN 18 VBAT

LOCKOFF	
1	WHITE/BLACK 18
2	RED/LT GREEN 18

CHT/KNOCK CONNECTOR	
1	DK GREEN/PURPLE 18
2	BLACK 18
3	GRAY/RED 18
4	YELLOW/RED 18
5	BLACK/WHITE 18
6	TAN/DK GREEN 18

**NOTES:**  
 ALL WIRE IS SAE J1128 TXL TYPE  
 HARNESS TO BE LABELED WITH ECI PART NUMBER AND REVISION  
 ALL CONVOLUTE TO BE FLAME RETARDANT POLYPROPYLENE  
 CONNECTOR VIEWS ARE MATING END VIEWS

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Size	D	Number	2487600
Date:	1/11/2016	Drawn By:	J. SUTTON
Filename:	2487600c.sch	Sheet	1 of 1