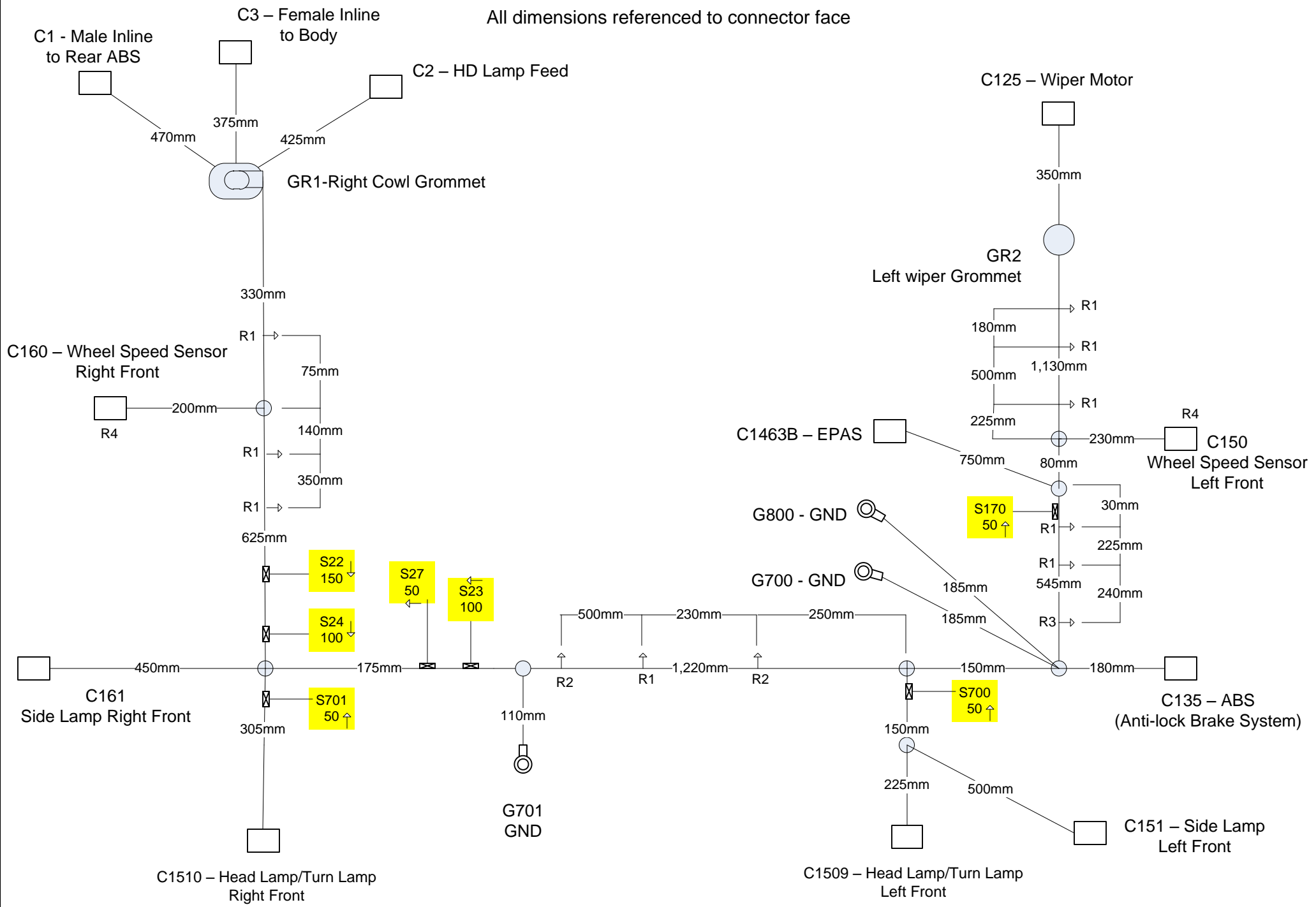


All dimensions referenced to connector face



C2 – Female Inline to Body 12065172 (Male Terminals)



Cavity	Wire			Circuit Function	Circuit #	To (From Male)	
	Color	Gauge	T/P			Connector	Pin
A	Y/BK	16		Low beam	24A	S24	

C3 – Female Inline to Body 12084891
(Male Terminals)



Cavity	Wire			Circuit Function	Circuit #	To (From Male)	
	Color	Gauge	T/P			Connector	Pin
A	PNK	18		High Beam	22A	S22	
B	YEL	18		Low Beam	23A	S23	
D	VIO/GRY	20		Running Lamps	27A	S27	

C150 – Wheel Speed Sensor Left Front 9L3T-14A464-BA (Female Terminals)



Cavity	Wire			Circuit Function	Circuit #	To (From Male)	
	Color	Gauge	T/P			Connector	Pin
1	WHT/ORG	20	1,2	Left Front WSS +	1602	C135	12
2	ORG	20	1,2	Left Front WSS -	1603	C135	13

C151 – Side Lamp Left Front AU5T-14A464-RA
(Female Terminals)



Cavity	Wire			Circuit Function	Circuit #	To	
	Color	Gauge				Connector	Pin
1	VIO/GRY	20		Marking Lamp	27B	S27	
2	BLK/YEL	20		Ground	700D	S700	

C160 – Wheel Speed Sensor Right Front 9L3T-14A464-BA (Female Terminals)



Cavity	Wire			Circuit Function	Circuit #	To (From Male)	
	Color	Gauge	T/P			Connector	Pin
1	WHT/BLU	20	1,2	Right Front WSS +	1600	C135	26
2	BLU	20	1,2	Right Front WSS -	1601	C135	27

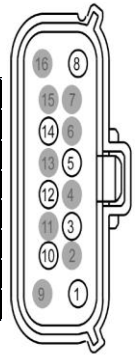
C161 – Side Lamp Right Front AU5T-14A464-RA
(Female Terminals)



Cavity	Wire			Circuit Function	Circuit #	To	
	Color	Gauge				Connector	Pin
1	VIO/GRY	20		Marking Lamp	27D	S27	
2	BLK/YEL	20		Ground	701B	S701	

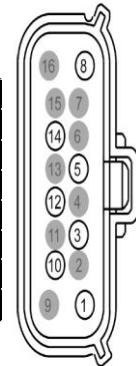
C1509 – Headlamp/Turn Lamp Left Front 4L3T-14A464-WA
(Note; Connector view is not correct)

Cavity	Wire			Circuit Function	Circuit #	To	
	Color	Gauge	T/P			Connector	Pin
1	YEL	20		Low Beam Left	23C	S23	
5	VT-GY	20		Park Lamp	27E	S27	
8	BK-YE	16		GND	700B	S700	
10	YEL-BK	16		VPWR	24B	S24	
12	PK	20		High Beam	22C	S22	
14	BK-YE	16		GND	700C	S700	

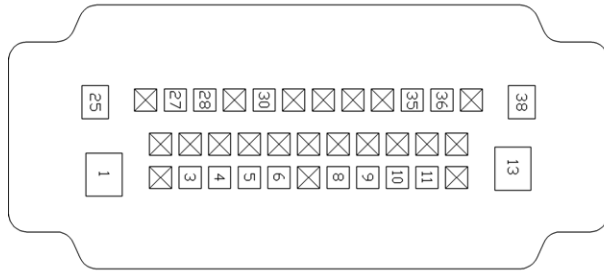


C1510 – Headlamp/Turn Lamp Right Front 4L3T-14A464-WA
(Note; Connector view is not correct)

Cavity	Wire			Circuit Function	Circuit #	To	
	Color	Gauge	T/P			Connector	Pin
1	YEL	20		Low Beam Right	23B	S23	
5	VT-GY	20		Park Lamp	27C	S27	
8	BK-YE	16		GND	701D	S701	
10	YEL-BK	16		VPWR	24C	S24	
12	PK	20		High Beam	22B	S22	
14	BK-YE	16		GND	701C	S701	

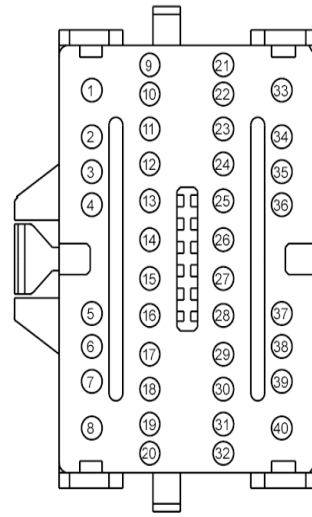


C135 – ABS (Anti-lock Brake System) 7T4T-14A464-KA (002)
(Female Terminals)



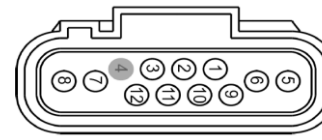
Cavity	Wire			Circuit Function	Circuit #	To	
	Color	Gauge	T/P			Connector	Pin
1	VIO		12	12V HAAT, Fuse (40A), Pump Motor	110	C1	35
3	WHT/BLU	20	3,4	Wheel Speed Sensor, Right Front (+)	1600	C160	1
4	BLU	20	3,4	Wheel Speed Sensor, Right Front (-)	1601	C160	2
5	WHT	20	5,6	High Speed CAN (+)	151B	C1	26
6	WHT/BLU	20	5,6	High Speed CAN (-)	152B	C1	27
8	PNK	20	8,9	RCM CAN +	153	C1	31
9	BLK/PNK	20	8,9	RCM CAN -	154	C1	32
10	YEL/BLU	20	10,11	Wheel Speed Sensor, Right Rear (-)	1607	C1	25
11	GRN/YEL	20	10,11	Wheel Speed Sensor, Right Rear (+)	1606	C1	24
13	BLK/GRN	12		GROUND	800B	G800	
25	YEL/RED	14		12V HAAT, Fuse 8 (30 A)	120	C1	34
27	WHT/ORG	20	27,28	Wheel Speed Sensor, Left Front (+)	1602	C150	1
28	ORG	20	27,28	Wheel Speed Sensor, Left Front (-)	1603	C150	2
30	BLU/WHT	20		12V Run/Start, (Reset Switch)	240	C1	21
35	GRY	20	35,36	Wheel Speed Sensor, Left Rear (-)	1605	C1	23
36	BLU/ORG	20	35,36	Wheel Speed Sensor, Left Rear (+)	1604	C1	22
38	BLK/GRN	12		GROUND	800A	G800	

C1 - Male Inline to Rear ABS
4R3T-14489-AD
(Female Terminals)



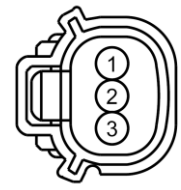
Cavity	Wire			Circuit Function	Circuit #	To	
	Color	Gauge	T/P			Connector	Pin
7	VIO	14		Wiper Motor 30 amp	70	C125	5
8	RED	20		Wiper Motor 5amp	170A	S170	
17	BLU/YEL	20		Wiper Int. A	174	C125	9
18	GRY/RED	20		Wiper Int. C	175	C125	10
19	GRY/YEL	20		Wiper Int. B	176	C125	11
20	BLU/RED	20		Wiper Int. H	177	C125	1
21	BLU/WHT	20		ABS Run/Start 5amp	240	C135	30
22	BLU/ORG	20	22,23	LT Rear WSS +	1604	C135	36
23	GRY	20	22,23	LT Rear WSS -	1605	C135	35
24	GRN/YEL	20	24,25	RT Rear WSS +	1606	C135	11
25	YEL/BLU	20	24,25	RT Rear WSS -	1607	C135	10
26	WHT	20	26,27	HS CAN +	151B	C135	5
26	WHT	20	26,27	HS CAN +	151C	C1463B	2
27	WHT/BLU	20	26,27	HS CAN -	152B	C135	6
27	WHT/BLU	20	26,27	HS CAN -	152C	C1463B	3
31	PNK	20	31,32	RCM CAN +	153	C135	8
32	BLK/PNK	20	31,32	RCM CAN -	154	C135	9
33	WHT/BRN	20		BOO	181C	C135	6
34	YEL/RED	14		ABS HAAT 30amp	120	C135	25
35	VIO	12		ABS HAAT 40amp	110	C135	1

C125 – Wiper Motor
3L3T-14A464-BA(004)
(Female Terminals)



Cavity	Wire			Circuit Function	Circuit #	To	
	Color	Gauge	T/P			Connector	Pin
1	BLU/RED	20		Front Wiper High (H)	177	C1	20
3	BLK/PNK	20		GND	700E	S700	
5	VIO	14		HAAT 30amp	70	C1	7
6	BLK/GRY	14		GND	700F	S700	
8	RED	20		Run/Start 5amp	170B	S170	
9	BLU/YEL	20		Front Wiper Int. A	174	C1	17
10	GRY/RED	20		Front Wiper Int. C	175	C1	18
11	GRY/YEL	20		Front Wiper Int. B	176	C1	19

C1463B – EPAS Electric Power Assist Steering 7T4T-14474-DA
(Male Terminals)



Cavity	Wire			Circuit Function	Circuit #	To	
	Color	Gauge	T/P			Connector	Pin
1	RED	20		Run/Start 5amp	170C	S170	
2	WHT	20	2,3	HS CAN +	151C	C1	26
3	WHT/BLU	20	2,3	HS CAN -	152C	C1	27



Circ #	Color	Gauge	Length	From	Cavity	Term	To	Cavity	Term	Discription	Special Instructions
70	V	14	5075	C1	7		C125	5		Wiper motor 30A	
110	V	12	3150	C1	35		C135	1		ABS HAAT 40A	
120	Y/R	14	3150	C1	34		C135	25		ABS HAAT 30A	
153	PK	20	3150	C1	31		C135	8		RCM CAN +	Twisted Pair 153 & 154
154	BK/PK	20	3150	C1	32		C135	9		RCM CAN -	Twisted Pair 153 & 154
174	BL/Y	20	5075	C1	17		C125	9		Wiper int. A	
175	GY/R	20	5075	C1	18		C125	10		Wiper int. C	
176	GY/Y	20	5075	C1	19		C125	11		Wiper int. B	
177	BL/R	20	5075	C1	20		C125	1		Wiper int. H	
181	W/BN	20	3150	C1	33		C135			Boo	Circ. not in harness
240	BL/W	20	3150	C1	21		C135	30		ABS run/start 5A	
1600	W/BL	20	2550	C160	1		C135	3		Right front WSS +	Twisted Pair 1600 & 1601
1601	BL	20	2550	C160	2		C135	4		Right front WSS -	Twisted Pair 1600 & 1601
1602	W/O	20	1035	C150	1		C135	27		Left front WSS +	Twisted Pair 1602 & 1603
1603	O	20	1035	C150	2		C135	28		Left front WSS -	Twisted Pair 1602 & 1603
1604	BL/O	20	3150	C1	22		C135	36		Lt rear WSS +	Twisted Pair 1604 & 1605
1605	GY	20	3150	C1	23		C135	35		Lt rear WSS -	Twisted Pair 1604 & 1605
1606	GR/Y	20	3150	C1	24		C135	11		Rt rear WSS +	Twisted Pair 1606 & 1607
1607	Y/BL	20	3150	C1	25		C135	10		Rt rear WSS -	Twisted Pair 1606 & 1607
151B	W	20	3150	C1	26		C135	5		HS CAN +	Twisted Pair 151B & 152B
151C	W	20	4265	C1	26		C1463B	2		HS CAN +	Twisted Pair 151C & 152C
152B	W/BL	20	3150	C1	27		C135	6		HS CAN -	Twisted Pair 151B & 152B
152C	W/BL	20	4265	C1	27		C1463B	3		HS CAN -	Twisted Pair 151C & 152C
170A	R	20	3465	C1	8		S170	N/A	N/A	Wiper motor 5A	
170B	R	20	1610	C125	8		S170	N/A	N/A	Run/Start 5 A	
170C	R	20	800	C1463B	1		S170	N/A	N/A	Run/Start 5 A	
22A	PK	18	1180	C3	2		S22	N/A	N/A	High beam	
22B	PK	20	455	C1041	3		S22	N/A	N/A	High beam	

Circ #	Color	Gauge	Length	From	Cavity	Term	To	Cavity	Term	Discription	Special Instructions
22A	PK	18	1180	C3	2		S22	N/A	N/A	High beam	
22B	PK	20	455	C1041	3		S22	N/A	N/A	High beam	
22C	PK	20	1920	C1021	3		S22	N/A	N/A	High beam	
23A	Y	18	1230	C3	3		S23	N/A	N/A	Low beam	
23B	Y	20	405	C1510	1		S23	N/A	N/A	Low beam	
23C	Y	20	1870	C1509	1		S23	N/A	N/A	Low beam	
24A	Y/BK	16	1280	C2	1		S24	N/A	N/A	Low beam	
24B	Y/BK	16	1870	C1509	10		S24	N/A	N/A	Low beam	
24C	Y/BK	16	405	C1510	10		S24	N/A	N/A	Low beam	
27A	V/GY	20	1380	C3	7		S27	N/A	N/A	Running lamps	
27B	V/GY	20	1995	C151	1		S27	N/A	N/A	Marker lamp	
27C	V/GY	20	315	C1043	2		S27	N/A	N/A	Parking lamp	
27D	V/GY	20	500	C161	1		S27	N/A	N/A	Marker lamp	
27E	V/GY	20	1620	C1023	2		S27	N/A	N/A	Parking lamp	
700A	BK/Y	14	435	G700	Eyelet		S700	N/A	N/A	Gnd	
700B	BK/Y	16	275	C1509	8		S700	N/A	N/A	Gnd	
700C	BK/Y	16	175	C1509	14		S700	N/A	N/A	Gnd	
700D	BK/Y	20	550	C151	2		S700	N/A	N/A	Gnd	
700E	BK/PK	20	2305	C125	3		S700	N/A	N/A	Gnd	
700F	BK/GY	14	2305	C125	6		S700	N/A	N/A	Gnd	
701A	BK/Y	18	335	G701	Eyelet		S701	N/A	N/A	Gnd	
701B	BK/Y	20	500	C161	2		S701	N/A	N/A	Gnd	
701C	BK/Y	16	215	C1510	14		S701	N/A	N/A	Gnd	
701D	BK/Y	16	255	C1510	8		S701	N/A	N/A	Gnd	
800A	BK/G	12		C135	38		G800	N/A	Eyelet	Gnd	Double crimp with 800B

NOTE; circuit colors are for reference only and may change depending on availability.

S22		
		22B - C1041
22A - C3	⊗	
		22C - C1021

S23		
23A - C3		
	⊗	23C - C1509
23B - C1510		

S24		
		24B - C1509
24A - C2	⊗	
		24C - C1510

S27		
27A - C3		
		27E - C1023
27C - C1043	⊗	
		27B - C151
27D - C161		

S170		
		170b - C125
170A - C1	⊗	
		170C - C1463B

S701		
701C - C1510		701B - C161
	⊗	
701D - C1510		701A - G701

S700		
700D - C151		700A - G700
700B - C1509	⊗	700E - C125
700C - C1509		700F - C125

Retainer

each	R1 - EOVB-13A506-CA - Used on current Mustang
each	R2 - TRW retainer - Used on current Mustang
1 each	R3 - 90 deg x-mas tree - Used on current Mustang
2 each	R4 - Anti rotation retainer secures to connector - Used on current Mustang

Grommet

1 each	GR1 - AUFT-14603-AA (Park Ohio) - Used on current Mustang
1 each	GR2 - TBD - Used on current Mustang

NOTE; circuit colors are for reference only and may change depending on availability.

Revision History

Rev C1 (OK-4/12/12): Add 2013 Headlights

Rev C (OK-4/29/12): Add 2013 Update pin-out and splice S23

Rev C (OK-6/08/12): Added C2 takeout HD headlamp feed, added splice 24.

Rev C3 (7/15/12): Change C3 to 5 way, removed circuit 183 & 184. Added face view of C2 and C3.