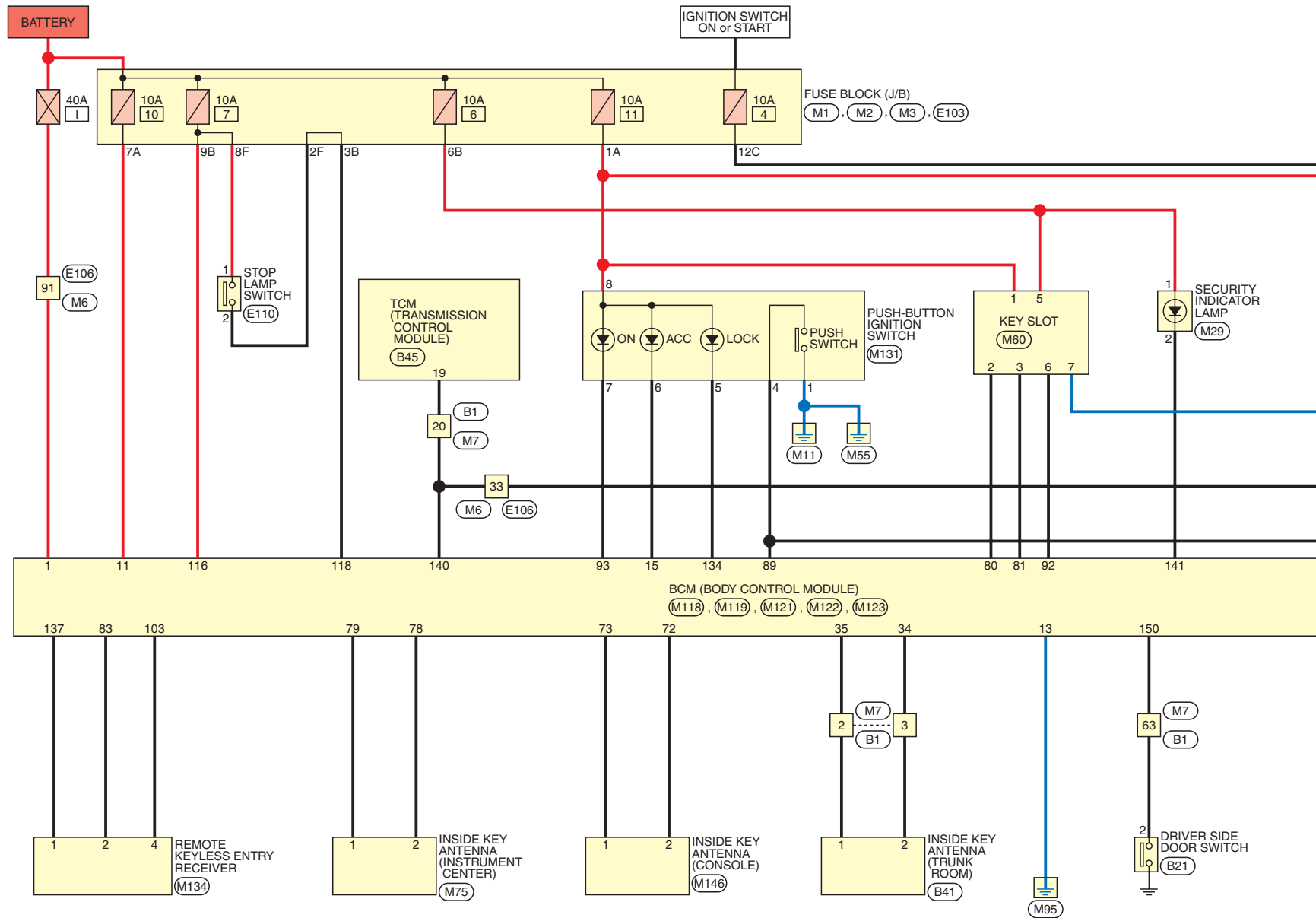
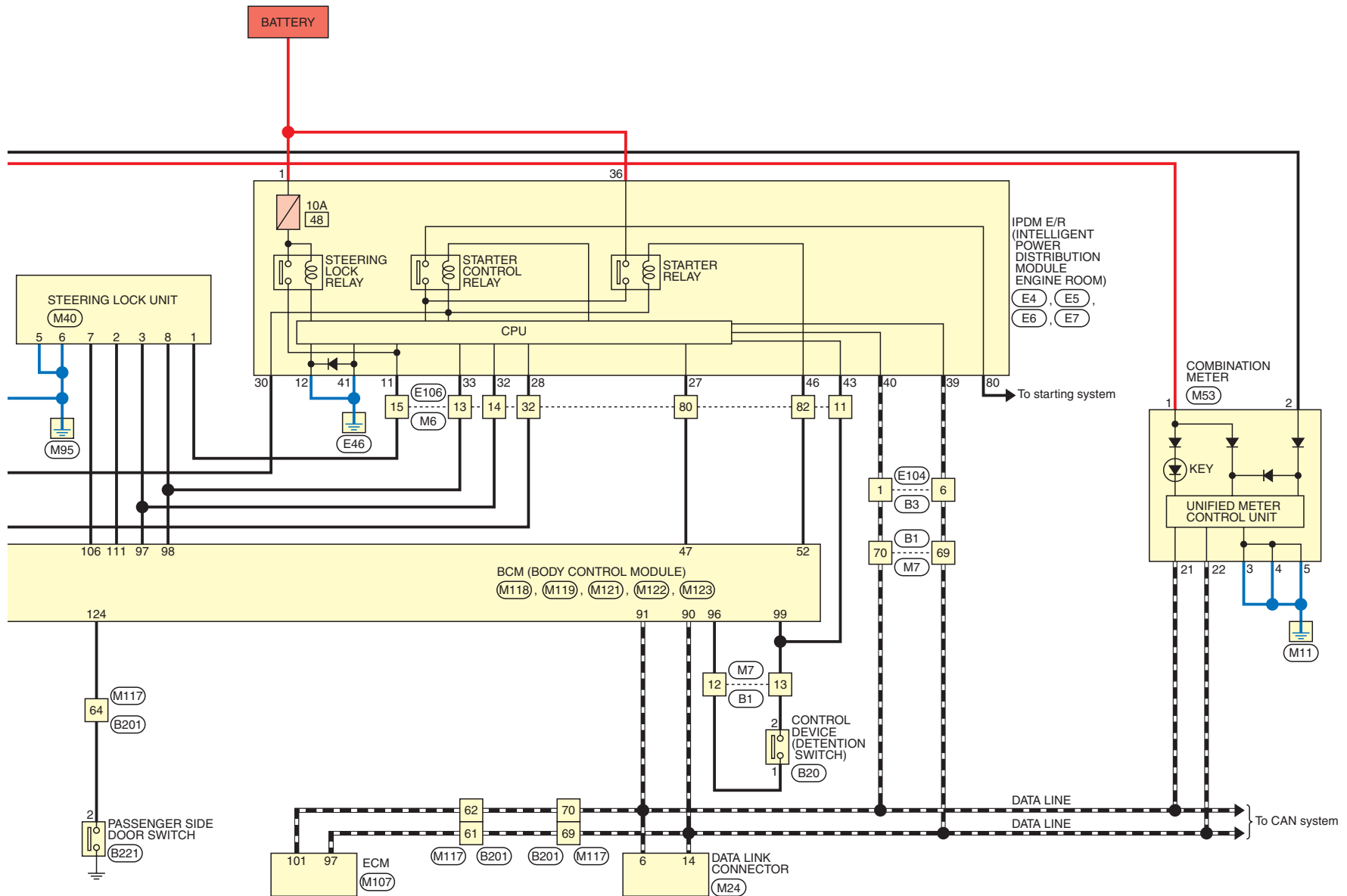


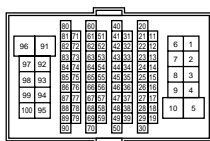
# INTELLIGENT KEY SYSTEM / ENGINE START FUNCTION





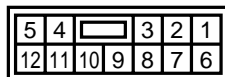
## INTELLIGENT KEY SYSTEM / ENGINE START FUNCTION

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



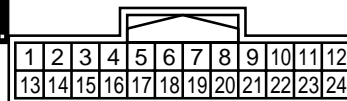
Terminal No.	Color of Wire	Signal Name [Specification]
2	L	-
3	P	-
12	GR	-
13	O	-
20	GR	-
63	LG	-
69	P	-
70	L	-

Connector No.	B3
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS



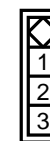
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
6	P	-

Connector No.	B20
Connector Name	CONTROL DEVICE
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	BCM VCC IN
2	O	KEY I/LOCK(P)

Connector No.	B21
Connector Name	DRIVER SIDE DOOR SWITCH
Connector Type	A03FW



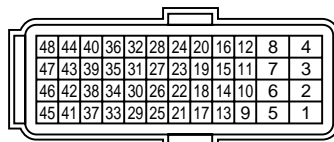
Terminal No.	Color of Wire	Signal Name [Specification]
2	LG	-

Connector No.	B41
Connector Name	INSIDE KEY ANTENNA (TRUNK ROOM)
Connector Type	RK02FGY



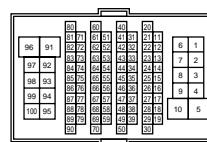
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	P	-

Connector No.	B45
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	RH40FB-RZ8-L-LH-Z



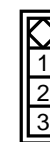
Terminal No.	Color of Wire	Signal Name [Specification]
19	GR	STARTER RELAY SIGNAL

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
61	P	-
62	L	-
64	GR	-
69	P	-
70	L	-

Connector No.	B221
Connector Name	PASSENGER SIDE DOOR SWITCH
Connector Type	A03FW



Terminal No.	Color of Wire	Signal Name [Specification]
2	GR	-

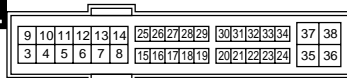
## INTELLIGENT KEY SYSTEM / ENGINE START FUNCTION

Connector No.	E4
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	L02FB-MC



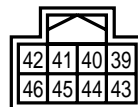
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-

Connector No.	E5
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS12-M4-1V



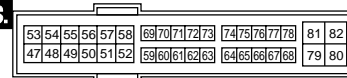
Terminal No.	Color of Wire	Signal Name [Specification]
11	SB	-
12	B/W	-
27	Y	-
28	G	-
30	GR	-
32	L	-
33	P	-
36	LG	-

Connector No.	E6
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH08FW-NH



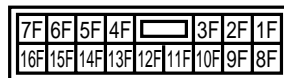
Terminal No.	Color of Wire	Signal Name [Specification]
39	P	-
40	L	-
41	B/Y	-
43	SB	-
46	O	-

Connector No.	E7
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS12-M4



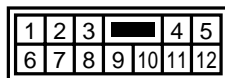
Terminal No.	Color of Wire	Signal Name [Specification]
80	W	-

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS



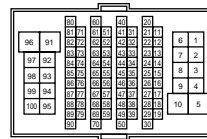
Terminal No.	Color of Wire	Signal Name [Specification]
2F	W	-
8F	L	-

Connector No.	E104
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
6	P	-

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
11	SB	-
13	P	-
14	L	-
15	SB	-
32	G	-
33	GR	-
80	Y	-
82	O	-
91	GR	-

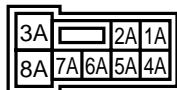
Connector No.	E110
Connector Name	STOP LAMP SWITCH
Connector Type	M04FW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	W	-

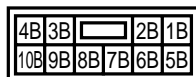
## INTELLIGENT KEY SYSTEM / ENGINE START FUNCTION

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS06FW-M2



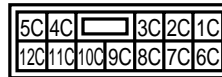
Terminal No.	Color of Wire	Signal Name [Specification]
1A	V	—
7A	R	—

Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



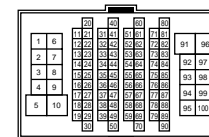
Terminal No.	Color of Wire	Signal Name [Specification]
3B	P	—
6B	Y	—
9B	SB	—

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FW-CS



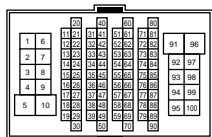
Terminal No.	Color of Wire	Signal Name [Specification]
12C	W	—

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



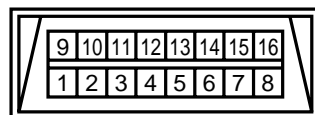
Terminal No.	Color of Wire	Signal Name [Specification]
11	G	—
13	R	—
14	L	—
15	BR	—
32	G	—
33	GR	—
80	Y	—
82	SB	—
91	GR	—

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	—
3	P	—
12	SB	—
13	G	—
20	GR	—
63	GR	—
69	P	—
70	L	—

Connector No.	M24
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW



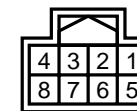
Terminal No.	Color of Wire	Signal Name [Specification]
6	L	—
14	P	—

Connector No.	M29
Connector Name	SECURITY INDICATOR LAMP
Connector Type	TK02FBR



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	—
2	G	—

Connector No.	M40
Connector Name	STEERING LOCK UNIT
Connector Type	TH08FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	S/L 12V (MECHANICAL)
2	Y	S/L (K LINE)
3	L	S/L CONDLTLON1
5	B	GND
6	B	GND
7	P	S/L 12V(CPU)
8	R	S/L CONDLTLON2

## INTELLIGENT KEY SYSTEM / ENGINE START FUNCTION

Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	SAB40FW



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BATTERY POWER SUPPLY
2	W	IGNITION POWER SUPPLY
3	B	GROUND
4	B	ILL GND
5	B	GROUND
21	L	CAN-H
22	P	CAN-L

Connector No.	M60
Connector Name	KEY SLOT
Connector Type	TH12FW-NH



1	2	3	4	5	6
7	8	9	10	11	12

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	BAT
2	GR	CLOCK
3	L	DATA
5	Y	ILL BAT
6	LG	ILL
7	B	GND

Connector No.	M75
Connector Name	INSIDE KEY ANTENNA (INSTRUMENT CENTER)
Connector Type	RK02FGY



1	2
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Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	Y	-

Connector No.	M107
Connector Name	ECM
Connector Type	RH24FGY-RZ8-R-LH-Z



128	124	120	116	112	108	104	100
127	123	119	115	111	107	103	99
126	122	118	114	110	106	102	98
125	121	117	113	109	105	101	97

Terminal No.	Color of Wire	Signal Name [Specification]
97	P	VEHCAN-L1
101	L	VEHCAN-H1

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



1	6	11	16	21	26	31	36	41	46	51	56	61	66	71	76	81	86	91	96
2	7	12	17	22	27	32	37	42	47	52	57	62	67	72	77	82	87	92	97
3	8	13	18	23	28	33	38	43	48	53	58	63	68	73	78	83	88	93	98
4	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84	89	94	99
5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100

Terminal No.	Color of Wire	Signal Name [Specification]
61	P	-
62	L	-
64	LG	-
69	P	-
70	L	-

Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	M03FB-LC



1	3
2	

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	BAT (F/L)

Connector No.	M119
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS16FW-CS



4	5	6	7		8	9	10	
11	12	13	14	15	16	17	18	19

Terminal No.	Color of Wire	Signal Name [Specification]
11	R	BAT (FUSE)
13	B	GND
15	Y	ACC IND

Connector No.	M121
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FGY-NH



51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32
71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52

Terminal No.	Color of Wire	Signal Name [Specification]
34	P	TRUNK ROOM ANT-
35	L	TRUNK ROOM ANT+
47	Y	IGN RELAY (IPDM E/R) CONT
52	SB	STARTER RELAY CONT

## INTELLIGENT KEY SYSTEM / ENGINE START FUNCTION

Connector No.	M122
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH



91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72
111	110	109	108	107	106	105	104	103	102	101	100	99	98	97	96	95	94	93	92

Terminal No.	Color of Wire	Signal Name [Specification]
72	R	ROOM ANT2-
73	G	ROOM ANT2+
78	Y	ROOM ANT1-
79	BR	ROOM ANT1+
80	GR	IMMOBI ANTENNA CONTROL
81	L	IMMOBI ANTENNA SIGNAL
83	Y	KEYLESS ENTRY RECEIVER COMM
89	BR	PUSH SW
90	P	CAN-L
91	L	CAN-H
92	LG	KEY SLOT ILL OUTPUT

Connector No.	M134
Connector Name	REMOTE KEYLESS ENTRY RECEIVER
Connector Type	JAB04FB



1	2	3	4
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Terminal No.	Color of Wire	Signal Name [Specification]
1	L	GND
2	Y	SIGNAL OUTPUT
4	LG	BATTERY

93	V	ON IND
96	SB	CONTROL DEVICE POWER SUPPLY
97	L	S/L CONDITION 1
98	R	S/L CONDITION 2
99	G	SHIFT P
103	LG	KEYLESS ENTRY RECEIVER POWER SUPPLY
106	P	S/L UNIT POWER SUPPLY
111	Y	S/L UNIT COMM



131	130	129	128	127	126	125	124	123	122	121	120	119	118	117	116	115	114	113	112
151	150	149	148	147	146	145	144	143	142	141	140	139	138	137	136	135	134	133	132

Terminal No.	Color of Wire	Signal Name [Specification]
116	SB	STOP LAMP SW 1
118	P	STOP LAMP SW 2
124	LG	PASSENGER DOOR SW
134	GR	LOCK IND
137	L	RECEIVER GND
140	BR	SHIFT N/P
141	G	SECURITY INDICATOR
150	GR	DRIVER DOOR SW

Connector No.	M146
Connector Name	INSIDE KEY ANTENNA (CONSOLE)
Connector Type	RK02FGY



1	2
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Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	R	-

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-NH

Connector No.	M131
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	TK08FBR



1	2	3
4	5	6
7	8	

Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
4	BR	-
5	GR	-
6	Y	-
7	V	-
8	G	-