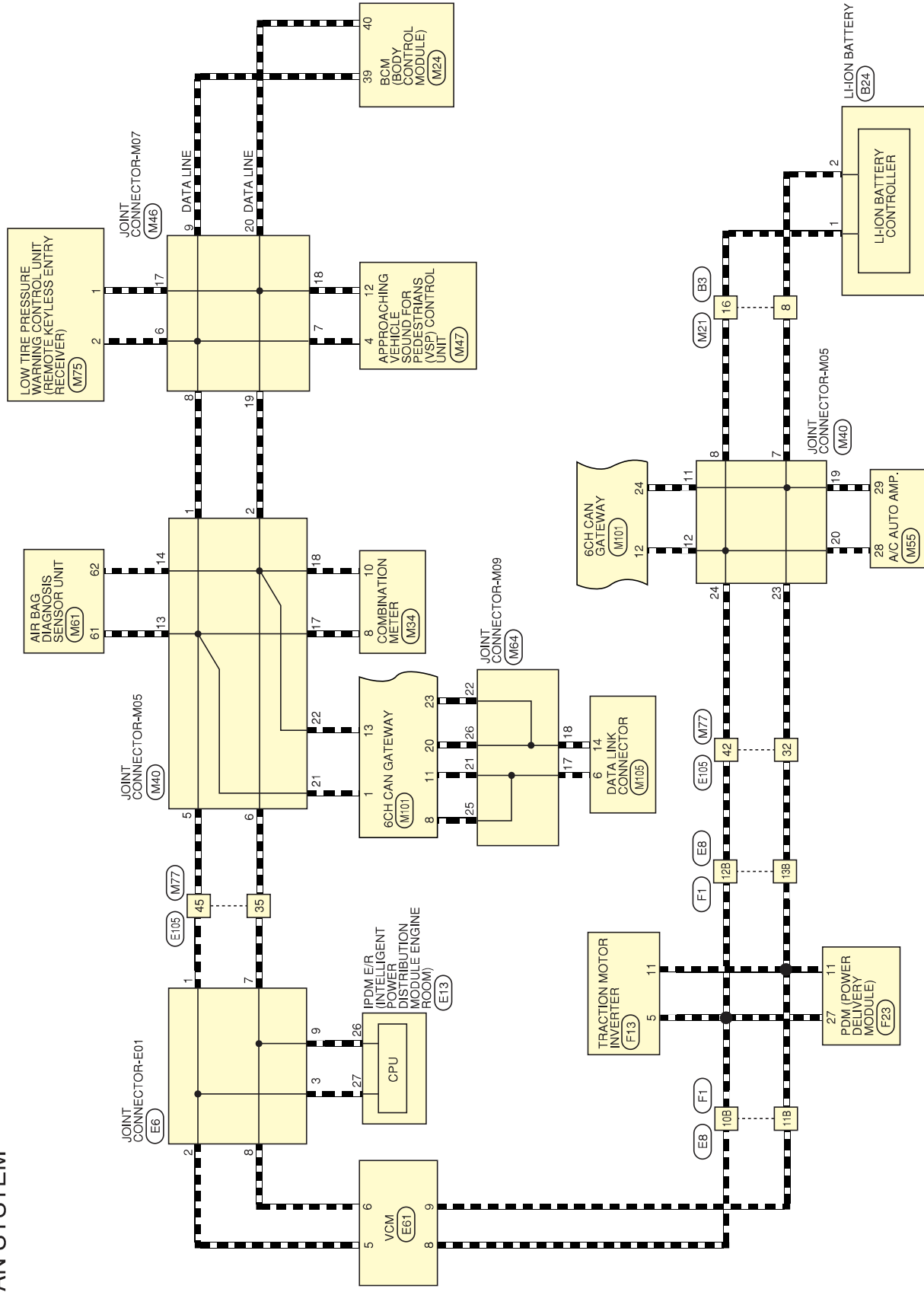
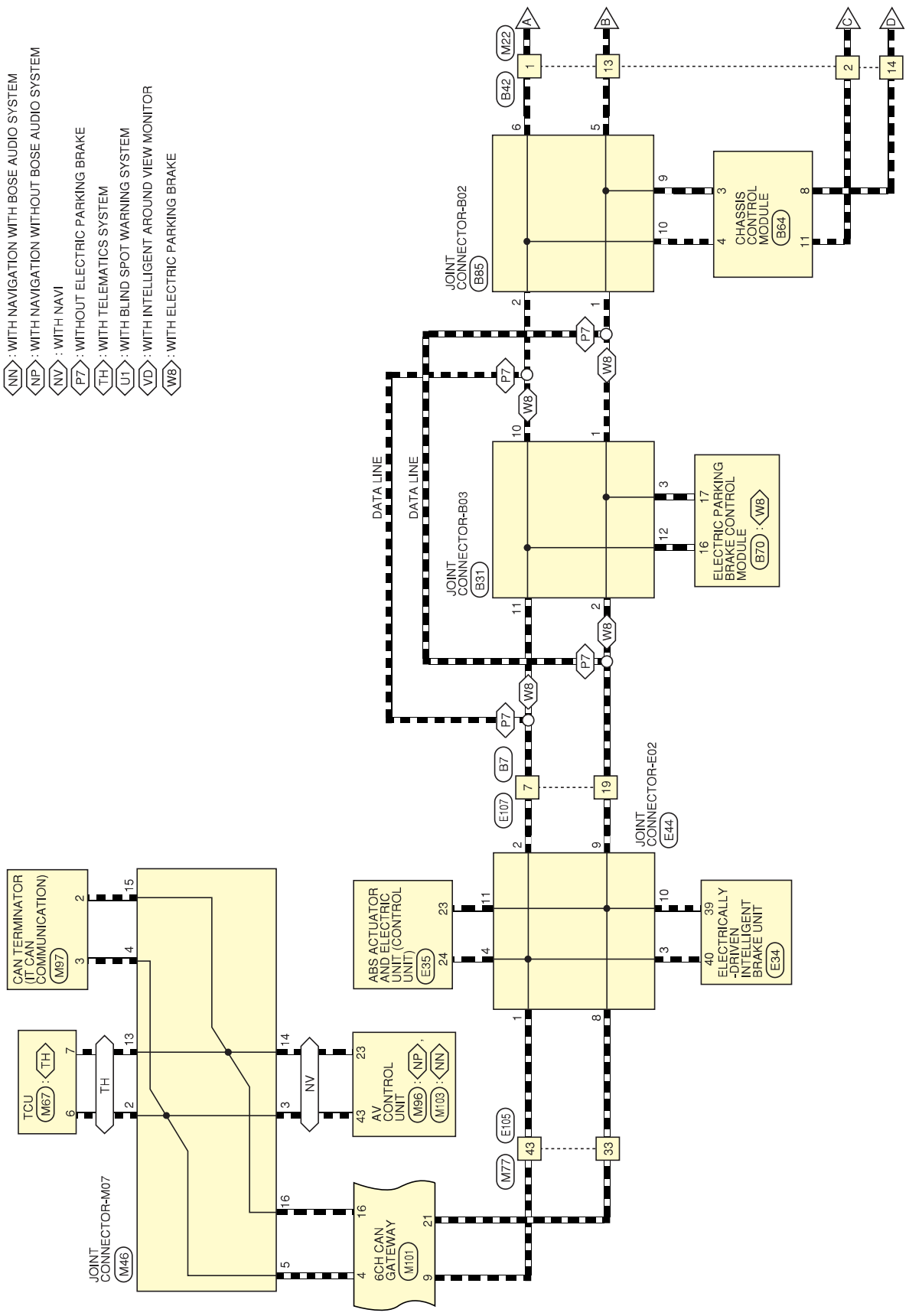
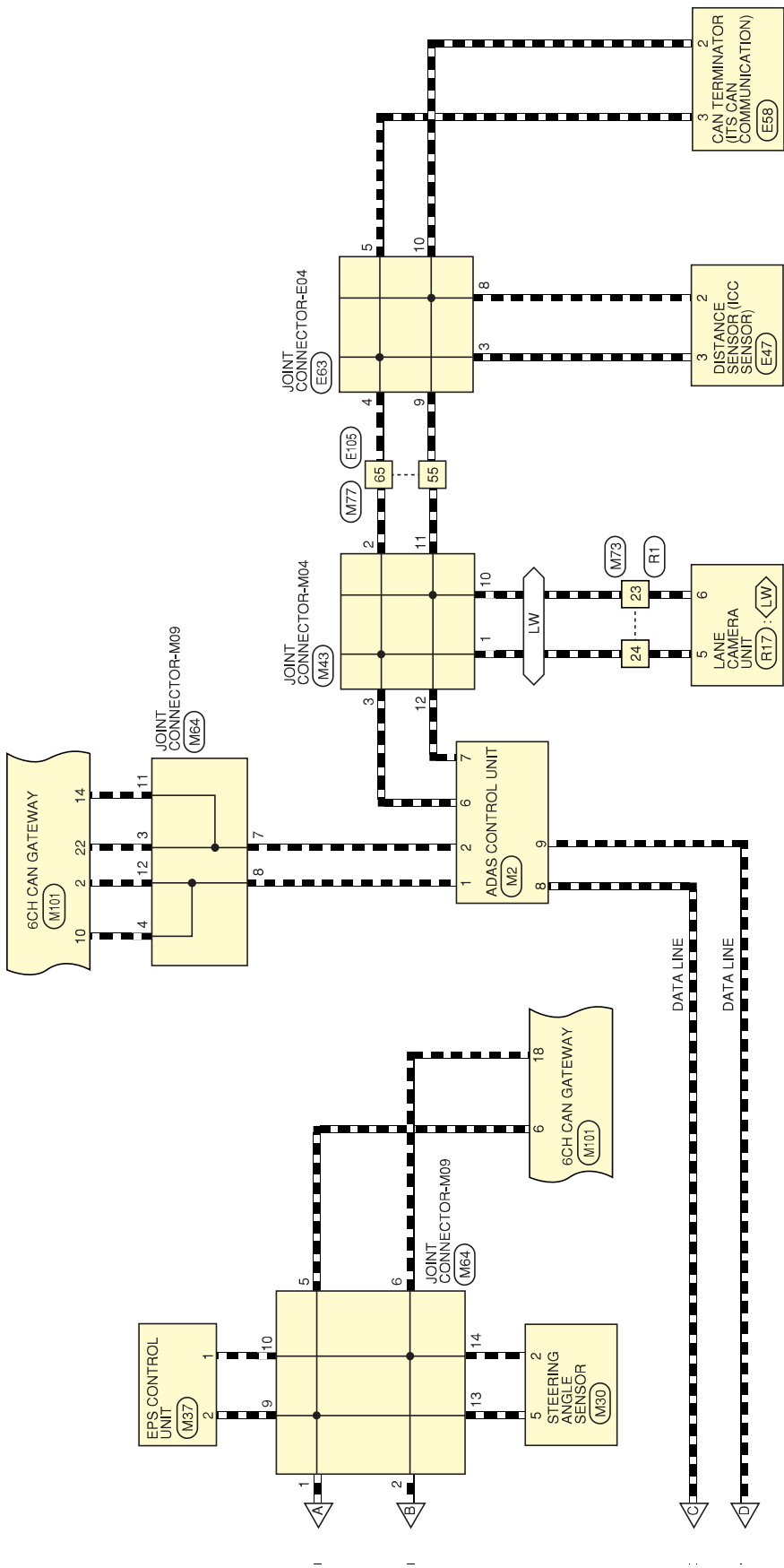


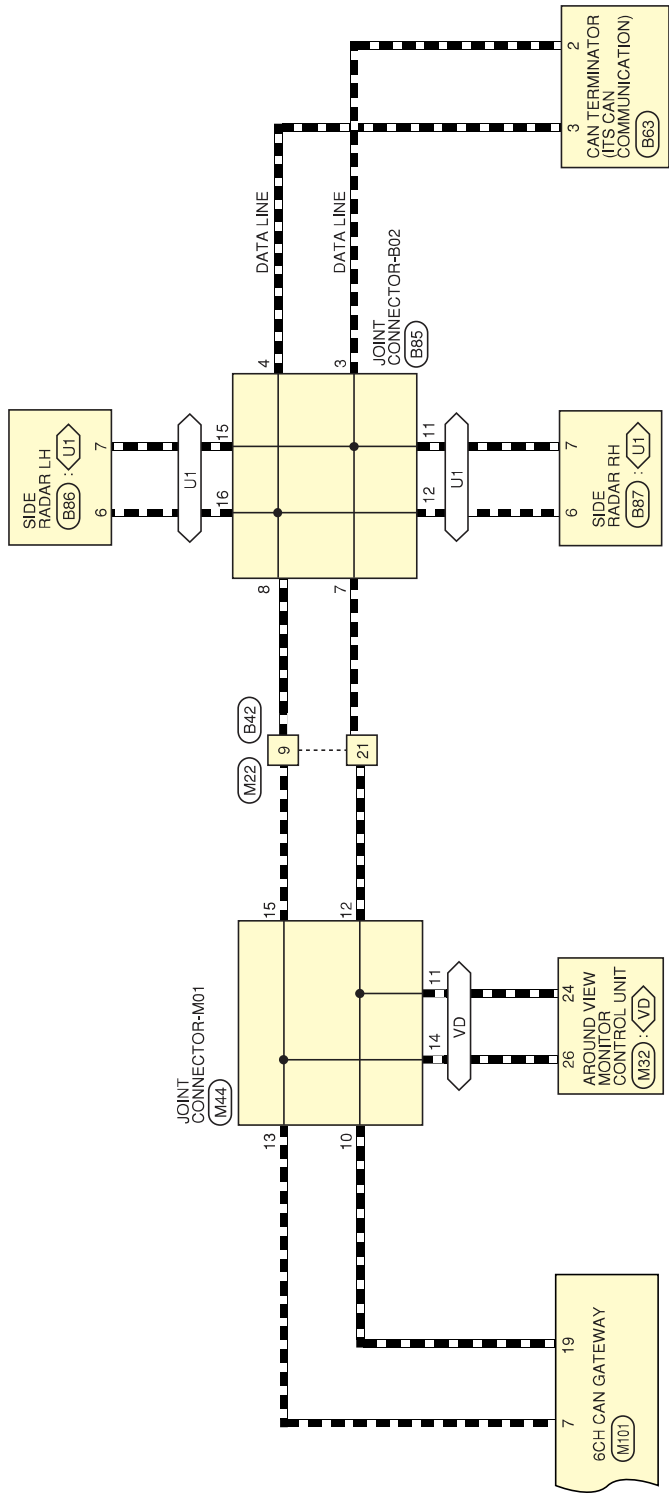
CAN SYSTEM



- <M77> : WITH INTELLIGENT LANE INTERVENTION SYSTEM
- <M67> : WITH NAVIGATION WITH BOSE AUDIO SYSTEM
- <NP> : WITH NAVIGATION WITHOUT BOSE AUDIO SYSTEM
- <NV> : WITH NAVI
- <P7> : WITHOUT ELECTRIC PARKING BRAKE
- <TH> : WITH TELEMATICS SYSTEM
- <UT> : WITH BLIND SPOT WARNING SYSTEM
- <VD> : WITH INTELLIGENT AROUND VIEW MONITOR
- <W8> : WITH ELECTRIC PARKING BRAKE

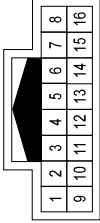






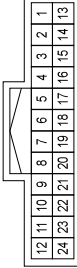
CAN SYSTEM CONNECTORS

Connector No.	B3
Connector Name	WIRE TO WIRE
Connector Type	TH16MW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	R	TO MAIN HARNESS
2	-	TO MAIN HARNESS
3	-	TO MAIN HARNESS
4	LG	TO MAIN HARNESS
5	W	TO MAIN HARNESS
6	W	TO MAIN HARNESS
7	R	TO MAIN HARNESS
8	G	TO MAIN HARNESS
9	SB	TO MAIN HARNESS
10	P	TO MAIN HARNESS
11	LG	TO MAIN HARNESS
12	Y	TO MAIN HARNESS
13	BR	TO MAIN HARNESS
14	SHIELD	TO MAIN HARNESS
15	B	TO MAIN HARNESS
16	L	TO MAIN HARNESS

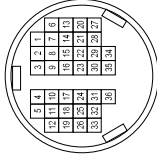
Connector No.	B7
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	-	TO ENGINE ROOM HARNESS
2	-	TO ENGINE ROOM HARNESS
3	-	TO ENGINE ROOM HARNESS
4	P	TO ENGINE ROOM HARNESS
5	Y	TO ENGINE ROOM HARNESS
6	G	TO ENGINE ROOM HARNESS
7	GR	TO ENGINE ROOM HARNESS
8	LA/BG	TO ENGINE ROOM HARNESS

9	LA/SB	TO ENGINE ROOM HARNESS
10	LAV	TO ENGINE ROOM HARNESS
11	LG	TO ENGINE ROOM HARNESS
12	G	TO ENGINE ROOM HARNESS
13	-	TO ENGINE ROOM HARNESS
14	-	TO ENGINE ROOM HARNESS
15	-	TO ENGINE ROOM HARNESS
16	-	TO ENGINE ROOM HARNESS
17	R	TO ENGINE ROOM HARNESS
18	L	TO ENGINE ROOM HARNESS
19	G	TO ENGINE ROOM HARNESS
20	SHIELD	TO ENGINE ROOM HARNESS
21	Y	TO ENGINE ROOM HARNESS
22	W	TO ENGINE ROOM HARNESS
23	BR	TO ENGINE ROOM HARNESS
24	B	TO ENGINE ROOM HARNESS

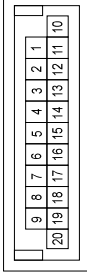
Connector No.	B24
Connector Name	LI-ION BATTERY
Connector Type	RH36FG-GY
Connector Color	GREEN



Terminal No.	Color of Wire	Signal Name
1	L	CAN-H
2	G	CAN-L
3	-	-
4	R	POWER ON POWER SUPPLY
5	SB	12V BATTERY POWER SUPPLY
6	B	GROUND
7	B	GROUND
8	B	GROUND
9	-	-
10	B	PRE-CHARGE RELAY GROUND
11	G	PRE-CHARGE RELAY INPUT
12	-	-
13	B	SYSTEM MAIN RELAY 2 GROUND
14	L	SYSTEM MAIN RELAY 2 INPUT
15	-	-
16	B	SYSTEM MAIN RELAY 1 GROUND
17	Y	SYSTEM MAIN RELAY 1 INPUT
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-

24	-	-
25	-	-
26	-	-
27	-	-
28	-	-
29	-	-
30	-	-
31	P	CHARGING ACTIVATION SIGNAL
32	-	-
33	-	-
34	-	-
35	-	-
36	-	-

Connector No.	B31
Connector Name	JOINT CONNECTOR-B03
Connector Type	NH20FL-DC
Connector Color	BLUE



Terminal No.	Color of Wire	Signal Name
1	G	CAN-L
2	G	CAN-L
3	G	CAN-L
4	SHIELD	SHIELD
5	SHIELD	SHIELD
6	P	STOP LAMP SWITCH OUTPUT
7	R	STOP LAMP SWITCH OUTPUT
8	Y	STOP LAMP SWITCH OUTPUT
9	Y	STOP LAMP SWITCH OUTPUT
10	GR	CAN-H
11	GR	CAN-H
12	GR	CAN-H
13	SHIELD	SHIELD
14	SHIELD	SHIELD
15	SHIELD	SHIELD
16	SHIELD	SHIELD
17	SHIELD	SHIELD
18	GR	TAIL 2
19	GR	TAIL 2
20	GR	TAIL 2

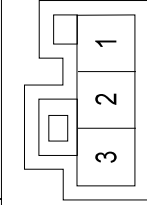
Connector No.	B42
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	GR	TO MAIN HARNESS
2	GR	TO MAIN HARNESS
3	-	TO MAIN HARNESS
4	-	TO MAIN HARNESS
5	-	TO MAIN HARNESS
6	LA/BR	TO MAIN HARNESS
7	BR	TO MAIN HARNESS
8	BR	TO MAIN HARNESS
9	BR	TO MAIN HARNESS
10	V	TO MAIN HARNESS
11	G	TO MAIN HARNESS
12	W	TO MAIN HARNESS
13	G	TO MAIN HARNESS
14	Y	TO MAIN HARNESS
15	BR	TO MAIN HARNESS
16	R	TO MAIN HARNESS
17	Y	TO MAIN HARNESS
18	LA/L	TO MAIN HARNESS
19	GR	TO MAIN HARNESS
20	SB	TO MAIN HARNESS
21	R	TO MAIN HARNESS
22	LG	TO MAIN HARNESS
23	R	TO MAIN HARNESS
24	B	TO MAIN HARNESS

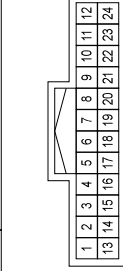
CAN SYSTEM CONNECTORS

Connector No.	B63
Connector Name	CAN TERMINATOR (ITS CAN COMMUNICATION)
Connector Type	24336 5SADA
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
1	B	GROUND
2	R	CAN-L
3	BR	CAN-H

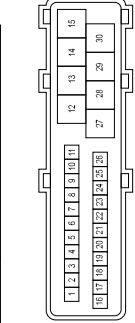
Connector No.	B64
Connector Name	CHASSIS CONTROL MODULE
Connector Type	TH24FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	-	-
2	-	-
3	G	V-CAN-L
4	GR	V-CAN-H
5	-	-
6	-	-
7	-	-
8	Y	IC-CAN-L
9	LA/SB	RELAY (M/O)
10	Y	IGN
11	GR	IC-CAN-H
12	B	GND
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-

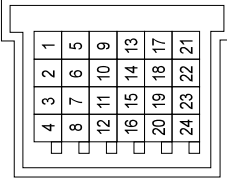
20	-	-
21	-	-
22	-	-
23	LA/V	RELAY3 (ESS)
24	LA/BG	STOP LAMP OFF RELAY-1 CONTROL (M/C)

Connector No.	B70
Connector Name	ELECTRIC PARKING BRAKE CONTROL MODULE
Connector Type	AAA22FB-AJY8
Connector Color	BLACK



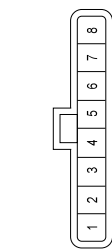
Terminal No.	Color of Wire	Signal Name
1	-	-
2	LG	NAV SIGNAL
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	SB	DEMAND LAMP
9	BR	SW REL NO
10	BG	SW REL NC
11	P	SW SUP 2
12	GR	MOTOR R+
13	P	B+ MOTOR R
14	W	MOTOR L+
15	V	B+ MOTOR L
16	GR	CAN-H
17	G	CAN-L
18	R	SW APP NO
19	G	SW APP NC
20	Y	SW SUP 1
21	-	-
22	V	IGN
23	-	-
24	-	-
25	-	-
26	-	-
27	G	MOTOR R-
28	B	GND
29	BR	MOTOR L-
30	B	GND

Connector No.	B85
Connector Name	JOINT CONNECTOR-B02
Connector Type	NH24FGY-J
Connector Color	GRAY



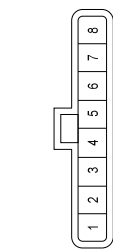
Terminal No.	Color of Wire	Signal Name
1	G	CAN-L
2	GR	CAN-H
3	R	CAN-L
4	BR	CAN-H
5	G	CAN-L
6	GR	CAN-H
7	R	CAN-L
8	BR	CAN-H
9	G	CAN-L
10	GR	CAN-H
11	R	CAN-L
12	BR	CAN-H
13	R	BUCKLE SW FR DR
14	-	-
15	R	CAN-L
16	BR	CAN-H
17	LG	BUCKLE SW FR DR
18	-	-
19	-	-
20	-	-
21	R	BUCKLE SW FR DR
22	-	-
23	-	-
24	-	-

Connector No.	B86
Connector Name	SIDE RADAR LH
Connector Type	JAD08FB-5P
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
1	-	-
2	-	-
3	-	-
4	BR	SOW LED
5	GR	IGN
6	BR	ITSZ CAN-H
7	R	ITSZ CAN-L
8	B	GROUND

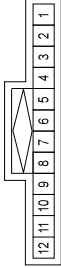
Connector No.	B87
Connector Name	SIDE RADAR RH
Connector Type	JAD08FB-6P
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
1	-	-
2	-	-
3	B	GND
4	SB	SOW LED
5	GR	IGN
6	BR	ITSZ CAN-H
7	R	ITSZ CAN-L
8	B	GROUND

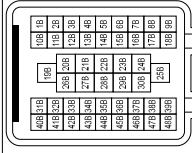
CAN SYSTEM CONNECTORS

Connector No.	E6
Connector Name	JOINT CONNECTOR-E01
Connector Type	A12FL
Connector Color	BLUE



Terminal No.	Color of Wire	Signal Name
1	L	CAN-H
2	L	CAN-H
3	L	CAN-H
4	-	-
5	-	-
6	-	-
7	P	CAN-L
8	P	CAN-L
9	P	CAN-L
10	-	-
11	-	-
12	-	-

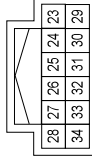
Connector No.	E8
Connector Name	WIRE TO WIRE
Connector Type	SAA36MB-RS10-SJZ2
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
1B	G	TO ENGINE CONTROL HARNESS
2B	V	TO ENGINE CONTROL HARNESS
3B	P	TO ENGINE CONTROL HARNESS
4B	B	TO ENGINE CONTROL HARNESS
5B	O	TO ENGINE CONTROL HARNESS
6B	L	TO ENGINE CONTROL HARNESS
7B	-	TO ENGINE CONTROL HARNESS
8B	-	TO ENGINE CONTROL HARNESS
9B	GR	TO ENGINE CONTROL HARNESS
10B	L	TO ENGINE CONTROL HARNESS
11B	G	TO ENGINE CONTROL HARNESS

12B	L	TO ENGINE CONTROL HARNESS
13B	G	TO ENGINE CONTROL HARNESS
14B	-	TO ENGINE CONTROL HARNESS
15B	-	TO ENGINE CONTROL HARNESS
16B	-	TO ENGINE CONTROL HARNESS
17B	-	TO ENGINE CONTROL HARNESS
18B	R	TO ENGINE CONTROL HARNESS
19B	-	TO ENGINE CONTROL HARNESS
20B	-	TO ENGINE CONTROL HARNESS
21B	B/R	TO ENGINE CONTROL HARNESS
22B	W	TO ENGINE CONTROL HARNESS
23B	R	TO ENGINE CONTROL HARNESS
24B	B	TO ENGINE CONTROL HARNESS
25B	-	TO ENGINE CONTROL HARNESS
26B	-	TO ENGINE CONTROL HARNESS
27B	P	TO ENGINE CONTROL HARNESS
28B	B/R	TO ENGINE CONTROL HARNESS
29B	G	TO ENGINE CONTROL HARNESS
30B	SB	TO ENGINE CONTROL HARNESS
31B	R	TO ENGINE CONTROL HARNESS
32B	LG	TO ENGINE CONTROL HARNESS
33B	W	TO ENGINE CONTROL HARNESS
34B	V	TO ENGINE CONTROL HARNESS
35B	LG	TO ENGINE CONTROL HARNESS
36B	B	TO ENGINE CONTROL HARNESS
37B	O	TO ENGINE CONTROL HARNESS
38B	P	TO ENGINE CONTROL HARNESS
39B	-	TO ENGINE CONTROL HARNESS
40B	SB	TO ENGINE CONTROL HARNESS
41B	Y	TO ENGINE CONTROL HARNESS
42B	R	TO ENGINE CONTROL HARNESS
43B	-	TO ENGINE CONTROL HARNESS
44B	-	TO ENGINE CONTROL HARNESS
45B	-	TO ENGINE CONTROL HARNESS
46B	-	TO ENGINE CONTROL HARNESS
47B	W	TO ENGINE CONTROL HARNESS
48B	L	TO ENGINE CONTROL HARNESS

Connector No.	E13
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH12FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
28	-	-
27	-	-
26	-	-
25	-	-
24	-	-
23	-	-
34	-	-
33	-	-
32	-	-
31	-	-
30	-	-
29	-	-

23	-	-
24	-	-
25	R	AUTO STOP SW
26	P	CAN-L
27	L	CAN-H
28	G	DTRL RLY
29	-	-
30	-	-
31	-	-
32	SB	HOOD SW
33	-	-
34	R	HORN RLY CONT

Connector No.	E34
Connector Name	ELECTRICALLY-DRIVEN INTELLIGENT BRAKE UNIT
Connector Type	SAZ42FB-SJZ4
Connector Color	BLACK

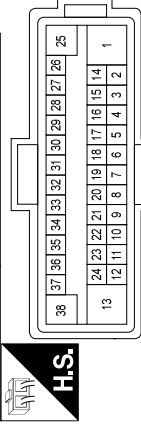


Terminal No.	Color of Wire	Signal Name
1	Y	MOTOR POWER
2	Y	MOTOR POWER
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	W/L	STROKE SENSOR POWER
19	L/O	STROKE SENSOR GND
20	R	BUZZER POWER
21	-	-
22	BG	DLC WAKE-UP
23	-	-
24	SB	STOP LAMP SW
25	-	-
26	V	POWER SWITCH ON

27	-	-
28	L	ECU CONTROL SYSTEM POWER
29	-	-
30	-	-
31	W	DLC BACKUP POWER
32	B	GND
33	L/Y	STROKE SENSOR1 SIGNAL
34	-	-
35	B	STROKE SENSOR2 SIGNAL
36	W	BUZZER SIGNAL
37	B	DLC COMMUNICATION
38	-	-
39	G	CAN-L
40	GR	CAN-H
41	-	-
42	-	-
43	R	BRAKE COMMUNICATION-L
44	L	BRAKE COMMUNICATION-H
45	-	-
46	-	-

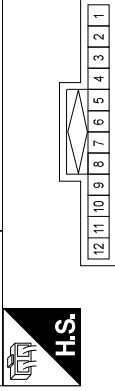
CAN SYSTEM CONNECTORS

Connector No.	E35
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	AEU34FB-AHW2-AJY2-DH
Connector Color	BLACK



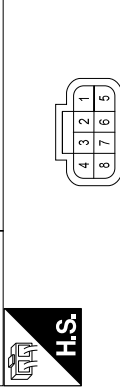
Terminal No.	Color of Wire	Signal Name
1	R	MOTOR BATTERY
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	GR	MOT GND
14	-	-
15	L	BRAKE COMMUNICATION-H
16	R	BRAKE COMMUNICATION-L
17	-	-
18	W	BLS (BNC)
19	-	-
20	-	-
21	-	-
22	P	BLS (BNO)
23	G	CAN-L
24	GR	CAN-H
25	G	SOL BATTERY
26	W	FR-RH SENSOR
27	B	FR-RH SENSOR VB
28	G	RR-LH SENSOR
29	B	RR-LH SENSOR VB
30	-	-
31	-	-
32	V	POWER SWITCH ON
33	-	-
34	BR	RR-RH SENSOR VB
35	LG	RR-RH SENSOR
36	R	FR-LH SENSOR VB
37	Y	FR-LH SENSOR

38	GR	SOL GND
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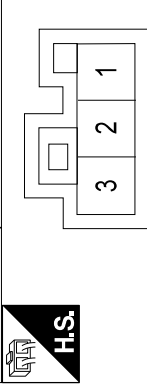
Terminal No.	Color of Wire	Signal Name
1	GR	CAN-H
2	GR	CAN-H
3	GR	CAN-H
4	GR	CAN-H
5	-	-
6	-	-
7	-	-
8	G	CAN-L
9	G	CAN-L
10	G	CAN-L
11	G	CAN-L
12	-	-

Connector No.	E47
Connector Name	DISTANCE SENSOR (ICC SENSOR)
Connector Type	SAZ08FGY
Connector Color	GRAY



Terminal No.	Color of Wire	Signal Name
1	B	GROUND
2	P	ITS CAN-L
3	BR	ITS CAN-H
4	-	-
5	-	-
6	-	-
7	-	-
8	V	IGNITION

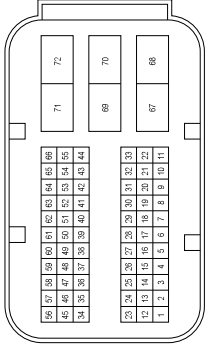
Connector No.	E58
Connector Name	CAN TERMINATOR (ITS CAN COMMUNICATION)
Connector Type	24336 5SA0A
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
1	GR	GROUND
2	P	ITS CAN-L
3	BR	ITS CAN-H

CAN SYSTEM CONNECTORS

Connector No.	E61
Connector Name	VCM
Connector Type	MUA66FB-MHA6-RH
Connector Color	BLACK

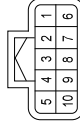


Terminal No.	Color of Wire	Signal Name
1	-	-
2	-	-
3	-	-
4	-	-
5	L	CAN-H
6	P	CAN-L
7	-	-
8	L	EV SYSTEM CAN-H
9	L	EV SYSTEM CAN-L
10	-	-
11	G	POWER ON POWER SUPPLY
12	-	-
13	-	-
14	-	-
15	Y	IMMEDIATE CHARGING SWITCH
16	-	-
17	W	ELECTRIC SHIFT SENSOR POWER SUPPLY 2
18	W	SENSOR POWER SUPPLY
19	-	-
20	-	-
21	LG	P/N POSITION SIGNAL
22	-	-
23	G	CHARGING STATUS INDICATOR 3
24	-	-
25	-	-
26	-	-
27	BR	CHARGE PORT LID OPENER SWITCH
28	R	ECO MODE SWITCH
29	R	ACCELERATOR PEDAL POSITION SENSOR 2
30	-	-
31	W	READY SIGNAL
32	W	P POSITION SIGNAL
33	W	E-PEDAL SWITCH
34	BR	CHARGING STATUS INDICATOR 2
35	L	PLUG IN INDICATOR LAMP
36	-	-

37	-	-	BRAKE PEDAL POSITION SWITCH
38	W	-	-
39	-	-	-
40	B	-	SENSOR GROUND
41	SB	-	PARKING ACTUATOR RELAY A
42	-	-	-
43	-	-	-
44	-	-	-
45	V	-	CHARGING STATUS INDICATOR 1
46	-	-	-
47	B	-	P POSITION SW NO. 2
48	SB	-	ASCD/CC/PRO PILOT® STEERING SWITCH
49	G	-	ELECTRIC SHIFT SENSOR NO.6
50	-	-	-
51	W	-	ELECTRIC SHIFT SENSOR NO.2
52	G	-	ELECTRIC SHIFT SENSOR NO.4
53	R	-	P POSITION SW NO. 1
54	-	-	-
55	-	-	-
56	P	-	STOP LAMP SWITCH
57	-	-	-
58	W/L	-	ELECTRIC SHIFT SENSOR GND 2
59	P	-	ASCD/CC/PRO PILOT® STEERING SWITCH GROUND
60	B	-	VCM GROUND
61	-	-	-
62	-	-	-
63	-	-	-
64	-	-	-
65	-	-	-
66	BR	-	12V BATTERY POWER SUPPLY
67	SB	-	MOTOR COIL A V-PHASE
68	B	-	MOTOR COIL A U-PHASE
69	BR	-	VCM GROUND
70	-	-	-
71	B/R	-	VCM GROUND
72	R	-	MOTOR COIL A W-PHASE

2	B/R	-	GROUND
3	BR	-	CAN-H
4	BR	-	CAN-H
5	BR	-	CAN-H
6	SHIELD	-	SHIELD
7	SHIELD	-	SHIELD
8	P	-	CAN-L
9	P	-	CAN-L
10	P	-	CAN-L

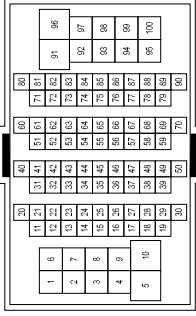
Connector No.	E63
Connector Name	JOINT CONNECTOR-E04
Connector Type	RH10FB
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
1	SHIELD	SHIELD

CAN SYSTEM CONNECTORS

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CST6-TM4
Connector Color	WHITE

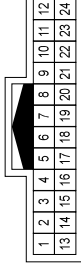


Terminal No.	Color of Wire	Signal Name
1	G	TO MAIN HARNESS
2	B	TO MAIN HARNESS
3	R	TO MAIN HARNESS
4	W	TO MAIN HARNESS
5	-	TO MAIN HARNESS
6	B/R	TO MAIN HARNESS
7	V	TO MAIN HARNESS
8	W	TO MAIN HARNESS
9	LG	TO MAIN HARNESS
10	R	TO MAIN HARNESS
11	-	TO MAIN HARNESS
12	-	TO MAIN HARNESS
13	-	TO MAIN HARNESS
14	-	TO MAIN HARNESS
15	-	TO MAIN HARNESS
16	-	TO MAIN HARNESS
17	-	TO MAIN HARNESS
18	-	TO MAIN HARNESS
19	-	TO MAIN HARNESS
20	-	TO MAIN HARNESS
21	-	TO MAIN HARNESS
22	-	TO MAIN HARNESS
23	-	TO MAIN HARNESS
24	-	TO MAIN HARNESS
25	-	TO MAIN HARNESS
26	-	TO MAIN HARNESS
27	-	TO MAIN HARNESS
28	-	TO MAIN HARNESS
29	-	TO MAIN HARNESS
30	-	TO MAIN HARNESS
31	BR	TO MAIN HARNESS
32	G	TO MAIN HARNESS
33	G	TO MAIN HARNESS
34	R	TO MAIN HARNESS
35	P	TO MAIN HARNESS
36	Y	TO MAIN HARNESS
37	W	TO MAIN HARNESS
38	SB	TO MAIN HARNESS

39	P	TO MAIN HARNESS
40	V	TO MAIN HARNESS
41	G	TO MAIN HARNESS
42	L	TO MAIN HARNESS
43	GR	TO MAIN HARNESS
44	W	TO MAIN HARNESS
45	L	TO MAIN HARNESS
46	W	TO MAIN HARNESS
47	V	TO MAIN HARNESS
48	BR	TO MAIN HARNESS
49	G	TO MAIN HARNESS
50	LG	TO MAIN HARNESS
51	W	TO MAIN HARNESS
52	W	TO MAIN HARNESS
53	R	TO MAIN HARNESS
54	B	TO MAIN HARNESS
55	P	TO MAIN HARNESS
56	Y	TO MAIN HARNESS
57	W	TO MAIN HARNESS
58	BG	TO MAIN HARNESS
59	R	TO MAIN HARNESS
60	SB	TO MAIN HARNESS
61	LG	TO MAIN HARNESS
62	B	TO MAIN HARNESS
63	W	TO MAIN HARNESS
64	SHIELD	TO MAIN HARNESS
65	BR	TO MAIN HARNESS
66	L	TO MAIN HARNESS
67	R	TO MAIN HARNESS
68	GR	TO MAIN HARNESS
69	W	TO MAIN HARNESS
70	P	TO MAIN HARNESS
71	G	TO MAIN HARNESS
72	LG	TO MAIN HARNESS
73	Y	TO MAIN HARNESS
74	B	TO MAIN HARNESS
75	R	TO MAIN HARNESS
76	L	TO MAIN HARNESS
77	-	TO MAIN HARNESS
78	-	TO MAIN HARNESS
79	R	TO MAIN HARNESS
80	L	TO MAIN HARNESS
81	BR	TO MAIN HARNESS
82	SB	TO MAIN HARNESS
83	G	TO MAIN HARNESS
84	-	TO MAIN HARNESS
85	W	TO MAIN HARNESS
86	BR	TO MAIN HARNESS
87	-	TO MAIN HARNESS
88	B	TO MAIN HARNESS
89	W	TO MAIN HARNESS
90	SHIELD	TO MAIN HARNESS
91	Y	TO MAIN HARNESS
92	O	TO MAIN HARNESS
93	BG	TO MAIN HARNESS

94	O	TO MAIN HARNESS
95	V	TO MAIN HARNESS
96	P	TO MAIN HARNESS
97	BR	TO MAIN HARNESS
98	-	TO MAIN HARNESS
99	LG	TO MAIN HARNESS
100	SB	TO MAIN HARNESS

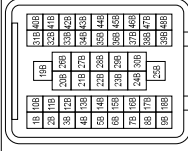
Connector No.	E107
Connector Name	WIRE TO WIRE
Connector Type	TH24MMW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	-	TO BODY HARNESS
2	-	TO BODY HARNESS
3	-	TO BODY HARNESS
4	P	TO BODY HARNESS
5	W	TO BODY HARNESS
6	B	TO BODY HARNESS
7	GR	TO BODY HARNESS
8	BG	TO BODY HARNESS
9	V	TO BODY HARNESS
10	Y	TO BODY HARNESS
11	LG	TO BODY HARNESS
12	G	TO BODY HARNESS
13	-	TO BODY HARNESS
14	-	TO BODY HARNESS
15	-	TO BODY HARNESS
16	-	TO BODY HARNESS
17	R	TO BODY HARNESS
18	Y	TO BODY HARNESS
19	G	TO BODY HARNESS
20	SHIELD	TO BODY HARNESS
21	BG	TO BODY HARNESS
22	B	TO BODY HARNESS
23	BR	TO BODY HARNESS
24	B	TO BODY HARNESS

CAN SYSTEM CONNECTORS

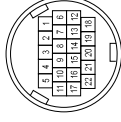
Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAA36FB-RS10-SJ22
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
1B	G	TO ENGINE ROOM HARNESS
2B	O	TO ENGINE ROOM HARNESS
3B	W	TO ENGINE ROOM HARNESS
4B	R	TO ENGINE ROOM HARNESS
5B	Y	TO ENGINE ROOM HARNESS
6B	L	TO ENGINE ROOM HARNESS
7B	-	TO ENGINE ROOM HARNESS
8B	-	TO ENGINE ROOM HARNESS
9B	SHIELD	TO ENGINE ROOM HARNESS
10B	L	TO ENGINE ROOM HARNESS
11B	G	TO ENGINE ROOM HARNESS
12B	L	TO ENGINE ROOM HARNESS
13B	G	TO ENGINE ROOM HARNESS
14B	-	TO ENGINE ROOM HARNESS
15B	-	TO ENGINE ROOM HARNESS
16B	-	TO ENGINE ROOM HARNESS
17B	-	TO ENGINE ROOM HARNESS
18B	LG	TO ENGINE ROOM HARNESS
19B	-	TO ENGINE ROOM HARNESS
20B	-	TO ENGINE ROOM HARNESS
21B	B	TO ENGINE ROOM HARNESS
22B	W	TO ENGINE ROOM HARNESS
23B	LG	TO ENGINE ROOM HARNESS
24B	B	TO ENGINE ROOM HARNESS
25B	-	TO ENGINE ROOM HARNESS
26B	-	TO ENGINE ROOM HARNESS
27B	G	TO ENGINE ROOM HARNESS
28B	B	TO ENGINE ROOM HARNESS
29B	G	TO ENGINE ROOM HARNESS
30B	SB	TO ENGINE ROOM HARNESS
31B	R	TO ENGINE ROOM HARNESS
32B	BR	TO ENGINE ROOM HARNESS
33B	W	TO ENGINE ROOM HARNESS
34B	V	TO ENGINE ROOM HARNESS
35B	LG	TO ENGINE ROOM HARNESS
36B	B	TO ENGINE ROOM HARNESS
37B	O	TO ENGINE ROOM HARNESS
38B	P	TO ENGINE ROOM HARNESS

39B	-	TO ENGINE ROOM HARNESS
40B	SB	TO ENGINE ROOM HARNESS
41B	R	TO ENGINE ROOM HARNESS
42B	V	TO ENGINE ROOM HARNESS
43B	-	TO ENGINE ROOM HARNESS
44B	-	TO ENGINE ROOM HARNESS
45B	-	TO ENGINE ROOM HARNESS
46B	-	TO ENGINE ROOM HARNESS
47B	W	TO ENGINE ROOM HARNESS
48B	L	TO ENGINE ROOM HARNESS

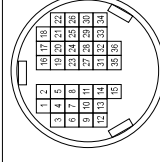
Connector No.	F13
Connector Name	TRACTION MOTOR INVERTER
Connector Type	RK22FGY
Connector Color	GRAY



Terminal No.	Color of Wire	Signal Name
1	G	12V BATTERY POWER SUPPLY
2	-	-
3	L	TRACTION MOTOR RESOLVER SIGNAL (S2)
4	B	GND
5	L	EV SYSTEM CANH
6	G	12V BATTERY POWER SUPPLY
7	Y	TRACTION MOTOR TEMPERATURE SENSOR
8	-	-
9	P	TRACTION MOTOR RESOLVER SIGNAL (S4)
10	B	GND
11	G	EV SYSTEM CAN-L
12	Y	COOLANT TEMPERATURE SENSOR
13	-	-
14	W	TRACTION MOTOR RESOLVER SIGNAL (S3)
15	BR	COOLANT TEMPERATURE SENSOR GROUND
16	G	TRACTION MOTOR RESOLVER SIGNAL (S2)
17	-	-
18	LG	POWER ON POWER SUPPLY
19	B	TRACTION MOTOR RESOLVER SIGNAL (S1)
20	O	TRACTION MOTOR TEMPERATURE SENSOR GROUND
21	-	-

22	R	TRACTION MOTOR RESOLVER SIGNAL (F1)
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Connector No.	F23
Connector Name	PDM (POWER DELIVERY MODULE)
Connector Type	RH36FG-GY
Connector Color	GREEN



Terminal No.	Color of Wire	Signal Name
1	-	-
2	R	QUICK CHARGE VOLTAGE SENSOR 1
3	LG	QUICK CHARGE VOLTAGE SENSOR 2
4	B	QUICK CHARGE VOLTAGE SENSOR GND
5	-	-
6	L	CAN-L (QUICK CHARGER COMMUNICATION)
7	W	CAN-H (QUICK CHARGER COMMUNICATION)
8	V	QUICK CHARGE RELAY (+)
9	-	-
10	-	-
11	G	CAN-L (EV SYSTEM)
12	P	HIGH VOLTAGE HARNESS CONNECTOR CONNECTION DETECTING CIRCUIT POWER SUPPLY
13	-	-
14	-	-
15	O	HIGH VOLTAGE HARNESS CONNECTOR CONNECTION DETECTING CIRCUIT SIGNALS
16	V	POWER ON POWER SUPPLY
17	-	-
18	R	12V BATTERY POWER SUPPLY
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	SB	QUICK CHARGE RELAY (-)
25	-	-
26	-	-
27	L	CAN-H (EV SYSTEM)
28	-	-
29	W	EVSE CONNECTING SIGNAL

30	BR	EVSE COMMUNICATION (PWM)
31	-	-
32	-	-
33	-	-
34	-	-
35	-	-
36	-	-

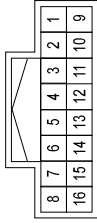
Connector No.	M2
Connector Name	ADAS CONTROL UNIT
Connector Type	TH24FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	BR	V CAN-H
2	W	V CAN-L
3	-	-
4	-	-
5	B	GND
6	BR	ITS CAN-H
7	P	ITS CAN-L
8	GR	IC CAN-L
9	Y	IC CAN-H
10	LA/BR	SPEAKER+
11	LA/W	SPEAKER-
12	G	IGN
13	R	MOTOR +
14	-	-
15	-	-
16	B	MOTOR -
17	LA/V	BRK-R/LY
18	V	LKA SW
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-

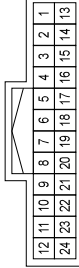
CAN SYSTEM CONNECTORS

Connector No.	M21
Connector Name	WIRE TO WIRE
Connector Type	TH16FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	W	TO BODY HARNESS
2	-	TO BODY HARNESS
3	-	TO BODY HARNESS
4	LG	TO BODY HARNESS
5	W	TO BODY HARNESS
6	L	TO BODY HARNESS
7	G	TO BODY HARNESS
8	G	TO BODY HARNESS
9	SB	TO BODY HARNESS
10	R	TO BODY HARNESS
11	V	TO BODY HARNESS
12	Y	TO BODY HARNESS
13	LA/V	TO BODY HARNESS
14	SHIELD	TO BODY HARNESS
15	Y	TO BODY HARNESS
16	L	TO BODY HARNESS

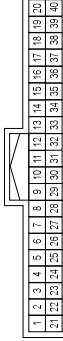
Connector No.	M22
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	GR	TO BODY HARNESS
2	GR	TO BODY HARNESS
3	-	TO BODY HARNESS
4	-	TO BODY HARNESS
5	-	TO BODY HARNESS
6	GR	TO BODY HARNESS
7	BR	TO BODY HARNESS
8	LA/SB	TO BODY HARNESS

9	BR	TO BODY HARNESS
10	LA/BR	TO BODY HARNESS
11	LA/G	TO BODY HARNESS
12	LA/W	TO BODY HARNESS
13	G	TO BODY HARNESS
14	Y	TO BODY HARNESS
15	BR	TO BODY HARNESS
16	R	TO BODY HARNESS
17	Y	TO BODY HARNESS
18	BG	TO BODY HARNESS
19	GR	TO BODY HARNESS
20	LA/SB	TO BODY HARNESS
21	R	TO BODY HARNESS
22	LA/L	TO BODY HARNESS
23	LA/R	TO BODY HARNESS
24	LA/B	TO BODY HARNESS

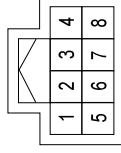
Connector No.	M24
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
1	-	-
2	LA/L	COMBINATION SW INPUT 5
3	LA/GR	COMBINATION SW INPUT 4
4	LA/BR	COMBINATION SW INPUT 3
5	LA/G	COMBINATION SW INPUT 2
6	LA/V	COMBINATION SW INPUT 1
7	LA/GR	KEY CYLINDER UNLOCK SW
8	LA/R	KEY CYLINDER LOCK SW
9	LA/BR	BRAKE SW1
10	-	-
11	-	-
12	Y	CENTRAL DOOR LOCK SW
13	BR	CENTRAL DOOR UNLOCK SW
14	G	AUTO LIGHT SENSOR INPUT
15	LA/W	REAR DEFOGGER SW
16	LA/R	MR OUTPUT
17	Y	AUTO LIGHT SENSOR POWER SUPPLY OUTPUT
18	LA/L	KEYLESS TUNER, AUTO LIGHT SENSOR GND
19	LA/BR	KEYLESS TUNER POWER SUPPLY
20	LA/SB	KEYLESS TUNER SIGNAL

21	LA/P	IMMOBILIZER ONE WAY COMMUNICATION (CLOCK)
22	LA/W	KEYLESS TUNER RSSI
23	LA/G	SECURITY INDICATOR OUTPUT
24	SB	AUDIO/DONGLE LINK (SERIAL)
25	LA/LG	IMMOBILIZER TWO WAY COMMUNICATION
26	-	-
27	-	-
28	-	-
29	G	HAZARD SW
30	LA/W	BACK DOOR OPENER SW
31	LA/W	DOOR LOCK STATUS SW (DR)
32	LA/LG	COMBINATION SW OUTPUT 5
33	LA/Y	COMBINATION SW OUTPUT 4
34	LA/W	COMBINATION SW OUTPUT 3
35	LA/BG	COMBINATION SW OUTPUT 2
36	LA/P	COMBINATION SW OUTPUT 1
37	LA/Y	SHIFT P POSITION, PARKING POSITION SW
38	-	-
39	L	CAN-H
40	P	CAN-L

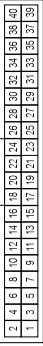
Connector No.	M30
Connector Name	STEERING ANGLE SENSOR
Connector Type	TH08FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	LA/B	GROUND
2	G	CAN-L
3	-	-
4	LA/G	POWER SWITCH ON
5	GR	CAN-H
6	-	-
7	-	-
8	-	-

CAN SYSTEM CONNECTORS

Connector No.	M32
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	-	-
2	-	-
3	SHIELD	VIDEO OUTPUT-
4	W	VIDEO OUTPUT+
5	W	FV GND
6	R	FV POWER
7	SHIELD	FV VIDEO GND
8	B	FV VIDEO+
9	V	SV1 GND
10	L	SV1 POWER
11	SHIELD	SV1 VIDEO GND
12	LG	SV1 VIDEO+
13	W	SV2 GND
14	B	SV2 POWER
15	SHIELD	SV2 VIDEO GND
16	R	SV2 VIDEO+
17	L	RV GND
18	G	RV POWER
19	SHIELD	RV VIDEO GND
20	Y	RV VIDEO+
21	-	-
22	-	-
23	-	-
24	R	CAN L
25	-	-
26	BR	CAN H
27	-	-
28	-	-
29	-	-
30	-	-
31	-	-
32	SB	REV
33	-	-
34	-	-
35	-	-
36	-	-
37	-	-
38	-	-
39	B	GND

40	W	IGN
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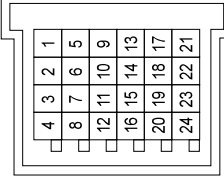
Terminal No.	Color of Wire	Signal Name
1	B	ILL CONT OUT
2	-	-
3	-	-
4	LA/GR	8P/R O/P
5	-	-
6	-	-
7	-	-
8	L	CAN-H
9	LA/L	CHARGE INDICATOR
10	P	CAN-L
11	LA/G	SECURITY
12	SB	M CANH
13	LA/BR	TRIP RESET SW
14	LG	M CAN-L
15	LAP	ILL CONT UP
16	LA/SB	ILL CONT DOWN
17	-	-
18	LA/B	SW GND
19	B	STRG SW GND
20	-	-
21	LG	BAT
22	Y	WASHER SW
23	GR	IGN
24	-	-
25	BR	ACC
26	-	-
27	-	-
28	-	-
29	LA/G	BRAKE OIL
30	BG	PKB SW
31	W	BUCKLE SW FR DR
32	-	-
33	-	-
34	-	-
35	V	STRG SW INPUT1
36	G	STRG SW INPUT2
37	-	-
38	-	-

39	B	GND1 (ILL)
40	B	GND2 (POWER)



Terminal No.	Color of Wire	Signal Name
1	G	CAN-L
2	GR	CAN-H
3	-	-
4	LA/W	VIGN
5	-	-
6	-	-
7	-	-
8	-	-

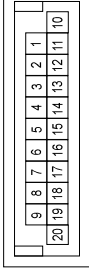
Connector No.	M40
Connector Name	JOINT CONNECTOR-M05
Connector Type	NH24FW-J
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	L	CAN-H
2	P	CAN-L
3	-	-
4	-	-
5	L	CAN-H
6	P	CAN-L
7	G	CAN-L
8	L	CAN-H
9	-	-
10	-	-

11	G	CAN-L
12	L	CAN-H
13	L	CAN-H
14	P	CAN-L
15	-	-
16	-	-
17	L	CAN-H
18	P	CAN-L
19	G	CAN-L
20	L	CAN-H
21	L	CAN-H
22	P	CAN-L
23	G	CAN-L
24	L	CAN-H

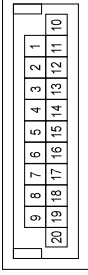
Connector No.	M43
Connector Name	JOINT CONNECTOR-M04
Connector Type	NH20FG-DC
Connector Color	GREEN



Terminal No.	Color of Wire	Signal Name
1	BR	CAN-H
2	BR	CAN-H
3	BR	CAN-H
4	-	-
5	-	-
6	SB	M CAN-H
7	SB	M CAN-H
8	SB	M CAN-H
9	SB	M CAN-H
10	P	CAN-L
11	P	CAN-L
12	P	CAN-L
13	BR	IGN
14	-	-
15	BR	IGN
16	BR	IGN
17	LG	M CAN-L
18	LG	M CAN-L
19	LG	M CAN-L
20	LG	M CAN-L

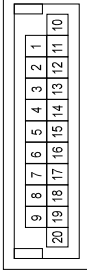
CAN SYSTEM CONNECTORS

Connector No.	M44
Connector Name	JOINT CONNECTOR-M01
Connector Type	NH20FG-DC
Connector Color	GREEN



Terminal No.	Color of Wire	Signal Name
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	LA/SB	LIN
7	LA/BR	LIN
8	LA/L	LIN
9	LA/SB	LIN
10	R	CAN-L
11	R	CAN-L
12	R	CAN-L
13	BR	CAN-H
14	BR	CAN-H
15	BR	CAN-H
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-

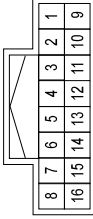
Connector No.	M46
Connector Name	JOINT CONNECTOR-M07
Connector Type	NH20FG-DC
Connector Color	GREEN



Terminal No.	Color of Wire	Signal Name
1	-	-
2	SB	CAN-H
3	SB	CAN-H
4	SB	CAN-H

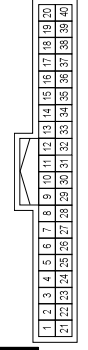
5	SB	CAN-H
6	L	CAN-H
7	L	CAN-H
8	L	CAN-H
9	L	CAN-H
10	-	-
11	-	-
12	-	-
13	V	CAN-L
14	V	CAN-L
15	V	CAN-L
16	V	CAN-L
17	P	CAN-L
18	P	CAN-L
19	P	CAN-L
20	P	CAN-L

Connector No.	M47
Connector Name	APPROACHING VEHICLE SOUND FOR PEDESTRIANS (VSP) CONTROL UNIT
Connector Type	TH16FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	B	GND
2	-	-
3	-	-
4	L	CAN-H
5	-	-
6	-	-
7	L	VSP SPEAKER SIGNAL (-)
8	Y	VSP SPEAKER SIGNAL (+)
9	-	-
10	-	-
11	G	POWER SWITCH SUPPLY
12	P	CAN-L
13	LG	BATTERY POWER SUPPLY
14	-	-
15	-	-
16	-	-

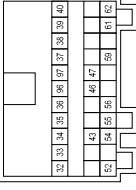
Connector No.	M55
Connector Name	A/C AUTO AMP.
Connector Type	TH40FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	V	REC
2	LA/R	MODE4
3	LA/P	MODE3
4	LA/BG	MODE2
5	LA/V	MODE1
6	LA/BR	MIX4
7	LA/GR	MIX3
8	LA/LG	MIX2
9	LA/L	MIX1
10	B	GND
11	-	-
12	GR	BLR PWM
13	-	-
14	LA/L	COMP TX
15	LA/W	RR DEF
16	LA/LG	STRG HEATER SW
17	LA/W	PTC TEMP SENS 1
18	LA/Y	COMP RX (WITHOUT HEAT PUMP)
19	LA/W	ILL+
20	B	ILL-
21	G	FRESH (WITH HEAT PUMP)
21	R	FRESH (WITHOUT HEAT PUMP)
22	V	STRG RLY
23	SB	SEAT HEAT RLY
24	-	-
25	-	-
26	-	-
27	W	5V OUT
28	L	EV CAN-H
29	G	EV CAN-L
30	LA/R	SENS GND
31	LA/G	BAT
32	Y	IGN 1
33	LG	INCAR SENS
34	LA/G	INTAKE SENS
35	P	SUN SENS
36	LA/GR	AMB SENS
37	LA/Y	PTC TEMP SENS 2
38	SB	INT F/B
39	-	-

40	LA/SB	LIN
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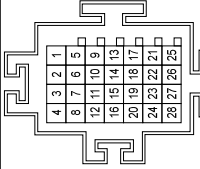
Connector No.	M61
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH33FGY-EX-LH
Connector Color	GRAY



Terminal No.	Color of Wire	Signal Name
32	BG	DRT+
33	P	DRL-/DRT-
34	L	DR2+
35	R	LH DOOR-SAT-
36	G	LH DOOR-SAT+
37	W	AS2+
38	R	AS2-
39	GR	AS1-
40	LG	AS1+
43	B	GND
46	Y	RH DOOR-SAT+
47	BR	RH DOOR-SAT-
52	BR	IGN
54	R	TTL-OFF
55	V	ECZS-
56	LG	ECZS+
59	W	CRASH OUTPUT IVCS
61	L	CAN-H
62	P	CAN-L
96	Y	CENTER CONNECTOR HOUSING LOCK DETECTION TERMINAL +
97	Y	CENTER CONNECTOR HOUSING LOCK DETECTION TERMINAL -

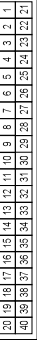
CAN SYSTEM CONNECTORS

Connector No.	M64
Connector Name	JOINT CONNECTOR-M09
Connector Type	SGA28FLBR-J
Connector Color	BROWN



Terminal No.	Color of Wire	Signal Name
1	GR	CAN-H
2	G	CAN-L
3	W	CAN-L
4	BR	CAN-H
5	GR	CAN-H
6	G	CAN-L
7	W	CAN-L
8	BR	CAN-H
9	GR	CAN-H
10	G	CAN-L
11	W	CAN-L
12	BR	CAN-H
13	GR	CAN-H
14	G	CAN-L
15	-	-
16	-	-
17	L	CAN-H
18	W	CAN-L
19	-	-
20	LA/SB	PUSH START SW
21	L	CAN-H
22	W	CAN-L
23	-	-
24	LA/SB	PUSH START SW
25	L	CAN-H
26	W	CAN-L
27	-	-
28	LA/SB	PUSH START SW

Connector No.	M67
Connector Name	TCU
Connector Type	TH40FB-NH
Connector Color	BLACK



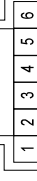
Terminal No.	Color of Wire	Signal Name
1	W	+VBAT
2	R	ACC
3	BR	ACC OUT
4	-	-
5	LA/L	LED GREEN
6	SB	CAN-H
7	V	CAN-L
8	-	-
9	-	-
10	G	WAKE UP/IGN
11	SHIELD	MIC OUT GND
12	L	MIC OUT SIGNAL
13	-	-
14	-	-
15	-	-
16	SHIELD	MIC GND
17	L	MIC SIGNAL
18	P	MIC VCC
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	SB	M CAN-H
27	LG	M CAN-L
28	B	GND
29	B	GND
30	-	-
31	G	AUDIO HU OUT+
32	R	AUDIO HU OUT-
33	-	-
34	-	-
35	-	-
36	-	-
37	LA/Y	ECALL SW
38	-	-
39	-	-

Connector No.	M73
Connector Name	WIRE TO WIRE
Connector Type	TH24MM-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	P	TO ROOM LAMP HARNESS
2	R	TO ROOM LAMP HARNESS (WITH BOSE SYSTEM)
2	P	TO ROOM LAMP HARNESS (WITHOUT BOSE SYSTEM)
3	G	TO ROOM LAMP HARNESS (WITH BOSE SYSTEM)
3	W	TO ROOM LAMP HARNESS (WITHOUT BOSE SYSTEM)
4	W	TO ROOM LAMP HARNESS
5	Y	TO ROOM LAMP HARNESS
6	GR	TO ROOM LAMP HARNESS
7	BR	TO ROOM LAMP HARNESS
8	B	TO ROOM LAMP HARNESS
9	LA/V	TO ROOM LAMP HARNESS
10	SHIELD	TO ROOM LAMP HARNESS
11	L	TO ROOM LAMP HARNESS
12	P	TO ROOM LAMP HARNESS
13	-	TO ROOM LAMP HARNESS
14	-	TO ROOM LAMP HARNESS
15	B	TO ROOM LAMP HARNESS
16	SB	TO ROOM LAMP HARNESS
17	B	TO ROOM LAMP HARNESS
18	LA/Y	TO ROOM LAMP HARNESS
19	LA/L	TO ROOM LAMP HARNESS
20	B	TO ROOM LAMP HARNESS
21	R	TO ROOM LAMP HARNESS
22	GR	TO ROOM LAMP HARNESS
23	P	TO ROOM LAMP HARNESS
24	BR	TO ROOM LAMP HARNESS

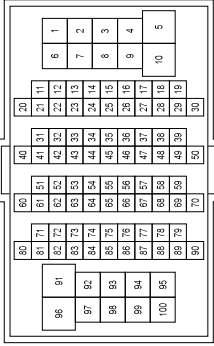
Connector No.	M75
Connector Name	LOW TIRE PRESSURE WARNING CONTROL UNIT
Connector Type	TH12FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	P	CAN-L
2	L	CAN-H
3	LA/V	KEYLESS TUNER, AUTO LIGHT SENSOR GND
4	LA/W	KEYLESS TUNER RSSI
5	LA/SB	KEYLESS TUNER SIGNAL
6	LA/BR	TUNER POWER SUPPLY
7	G	IGNITION
8	-	-
9	-	-
10	B	GROUND
11	Y	BATTERY
12	-	-

CAN SYSTEM CONNECTORS

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	G	TO ENGINE ROOM HARNESS
2	LA/L	TO ENGINE ROOM HARNESS
3	LA/P	TO ENGINE ROOM HARNESS
4	LA/G	TO ENGINE ROOM HARNESS
5	-	TO ENGINE ROOM HARNESS
6	LA/P	TO ENGINE ROOM HARNESS
7	LA/Y	TO ENGINE ROOM HARNESS
8	LA/GR	TO ENGINE ROOM HARNESS
9	LA/LG	TO ENGINE ROOM HARNESS
10	L	TO ENGINE ROOM HARNESS
11	-	TO ENGINE ROOM HARNESS
12	-	TO ENGINE ROOM HARNESS
13	-	TO ENGINE ROOM HARNESS
14	-	TO ENGINE ROOM HARNESS
15	-	TO ENGINE ROOM HARNESS
16	-	TO ENGINE ROOM HARNESS
17	-	TO ENGINE ROOM HARNESS
18	-	TO ENGINE ROOM HARNESS
19	-	TO ENGINE ROOM HARNESS
20	-	TO ENGINE ROOM HARNESS
21	-	TO ENGINE ROOM HARNESS
22	-	TO ENGINE ROOM HARNESS
23	-	TO ENGINE ROOM HARNESS
24	-	TO ENGINE ROOM HARNESS
25	-	TO ENGINE ROOM HARNESS
26	-	TO ENGINE ROOM HARNESS
27	-	TO ENGINE ROOM HARNESS
28	-	TO ENGINE ROOM HARNESS
29	-	TO ENGINE ROOM HARNESS
30	-	TO ENGINE ROOM HARNESS
31	BR	TO ENGINE ROOM HARNESS
32	G	TO ENGINE ROOM HARNESS
33	G	TO ENGINE ROOM HARNESS
34	R	TO ENGINE ROOM HARNESS

35	P	TO ENGINE ROOM HARNESS
36	LA/SB	TO ENGINE ROOM HARNESS
37	LA/GR	TO ENGINE ROOM HARNESS
38	LG	TO ENGINE ROOM HARNESS
39	SB	TO ENGINE ROOM HARNESS
40	LA/V	TO ENGINE ROOM HARNESS
41	BR	TO ENGINE ROOM HARNESS
42	L	TO ENGINE ROOM HARNESS
43	GR	TO ENGINE ROOM HARNESS
44	BR	TO ENGINE ROOM HARNESS
45	L	TO ENGINE ROOM HARNESS
46	GR	TO ENGINE ROOM HARNESS
47	LA/BG	TO ENGINE ROOM HARNESS
48	LA/P	TO ENGINE ROOM HARNESS
49	LA/R	TO ENGINE ROOM HARNESS
50	Y	TO ENGINE ROOM HARNESS
51	LA/SB	TO ENGINE ROOM HARNESS
52	LA/Y	TO ENGINE ROOM HARNESS
53	R	TO ENGINE ROOM HARNESS
54	B	TO ENGINE ROOM HARNESS
55	P	TO ENGINE ROOM HARNESS
56	Y	TO ENGINE ROOM HARNESS
57	W	TO ENGINE ROOM HARNESS
58	LA/L	TO ENGINE ROOM HARNESS
59	R	TO ENGINE ROOM HARNESS
60	LA/BR	TO ENGINE ROOM HARNESS
61	LA/BG	TO ENGINE ROOM HARNESS
62	BG	TO ENGINE ROOM HARNESS
63	W	TO ENGINE ROOM HARNESS
64	SHIELD	TO ENGINE ROOM HARNESS
65	BR	TO ENGINE ROOM HARNESS
66	L	TO ENGINE ROOM HARNESS
67	R	TO ENGINE ROOM HARNESS
68	LA/G	TO ENGINE ROOM HARNESS
69	LA/GR	TO ENGINE ROOM HARNESS
70	Y	TO ENGINE ROOM HARNESS
71	G	TO ENGINE ROOM HARNESS
72	LG	TO ENGINE ROOM HARNESS
73	LA/Y	TO ENGINE ROOM HARNESS
74	B	TO ENGINE ROOM HARNESS
75	LA/R	TO ENGINE ROOM HARNESS
76	LA/L	TO ENGINE ROOM HARNESS
77	-	TO ENGINE ROOM HARNESS
78	-	TO ENGINE ROOM HARNESS
79	G	TO ENGINE ROOM HARNESS
80	LA/L	TO ENGINE ROOM HARNESS
81	LA/W	TO ENGINE ROOM HARNESS
82	LA/LG	TO ENGINE ROOM HARNESS
83	G	TO ENGINE ROOM HARNESS
84	-	TO ENGINE ROOM HARNESS
85	LA/GR	TO ENGINE ROOM HARNESS
86	LA/G	TO ENGINE ROOM HARNESS
87	-	TO ENGINE ROOM HARNESS
88	LG	TO ENGINE ROOM HARNESS
89	V	TO ENGINE ROOM HARNESS

90	SHIELD	TO ENGINE ROOM HARNESS
91	Y	TO ENGINE ROOM HARNESS
92	Y	TO ENGINE ROOM HARNESS
93	G	TO ENGINE ROOM HARNESS
94	LG	TO ENGINE ROOM HARNESS
95	L	TO ENGINE ROOM HARNESS
96	P	TO ENGINE ROOM HARNESS
97	BR	TO ENGINE ROOM HARNESS
98	-	TO ENGINE ROOM HARNESS
99	W	TO ENGINE ROOM HARNESS
100	R	TO ENGINE ROOM HARNESS

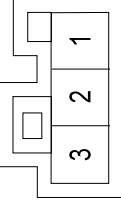
Connector No.	M96
Connector Name	AV CONTROL UNIT (WITHOUT BOSE AUDIO SYSTEM)
Connector Type	TH40FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
21	LG	M CAN-L TRM
22	LG	M CAN-L
23	V	V CAN-L
24	-	-
25	LG	PKB SIG
26	V	IGN
27	-	-
28	-	-
29	-	-
30	G	TCU TEL IN+
31	-	-
32	-	-
33	-	-
34	-	-
35	R	AUX AUDIO LH
36	B	AUX AUDIO GND
37	-	-
38	-	-
39	G	CAMERA V+
40	Y	CAMERA COMP+
41	SB	M CAN-H TRM
42	SB	M CAN-H
43	SB	V CAN-H
44	LA/GR	SPEED 8P
45	R	REVERSE SIG
46	LA/R	MR OUTPUT

47	LA/V	MIC NS ON/OFF
48	-	-
49	SHIELD	TCU TEL SHIELD
50	R	TCU TEL IN-
51	-	-
52	-	-
53	L	MIC SIG
54	SHIELD	MIC GND
55	W	AUX AUDIO RH
56	SHIELD	AUX SHIELD
57	-	-
58	-	-
59	L	CAMERA GND
60	SHIELD	R CAMERA SHIELD

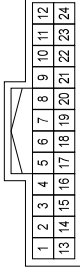
Connector No.	M97
Connector Name	CAN TERMINATOR (IT CAN COMMUNICATION)
Connector Type	YZK 7187 1616
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
1	B	GND
2	V	CAN-L
3	SB	CAN-H

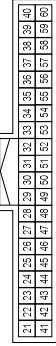
CAN SYSTEM CONNECTORS

Connector No.	M101
Connector Name	6CH CAN GATEWAY
Connector Type	TH24FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	L	VEHICLE CAN COMMUNICATION CIRCUIT-H
2	BR	ADAS CAN COMMUNICATION-H
3	W	BATTERY
4	SB	IT CAN COMMUNICATION CIRCUIT-H
5	B	GROUND
6	GR	CHASSIS CAN COMMUNICATION CIRCUIT-H
7	BR	ITS CAN COMMUNICATION CIRCUIT 2-H
8	L	DIAGNOSTIC CAN COMMUNICATION CIRCUIT-H
9	GR	CHASSIS CAN COMMUNICATION CIRCUIT-H
10	BR	ADAS CAN COMMUNICATION-H
11	L	DIAGNOSTIC CAN COMMUNICATION CIRCUIT-H
12	L	-
13	P	VEHICLE CAN COMMUNICATION CIRCUIT-L
14	W	ADAS CAN COMMUNICATION-L
15	G	IGNITION
16	V	IT CAN COMMUNICATION CIRCUIT-L
17	B	GROUND
18	G	CHASSIS CAN COMMUNICATION CIRCUIT-L
19	R	ITS CAN COMMUNICATION CIRCUIT 2-L
20	W	DIAGNOSTIC CAN COMMUNICATION CIRCUIT-L
21	G	CHASSIS CAN COMMUNICATION CIRCUIT-L
22	W	ADAS CAN COMMUNICATION-L
23	W	DIAGNOSTIC CAN COMMUNICATION CIRCUIT-L
24	G	-

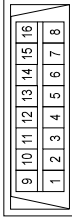
Connector No.	M103
Connector Name	AV CONTROL UNIT (WITH BOSE AUDIO SYSTEM)
Connector Type	TH40FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
21	LG	M CAN-L TRM
22	LG	M CAN-L
23	V	V CAN-L
24	-	-
25	LG	PKB SIG
26	V	IGN
27	-	-
28	-	-
29	-	-
30	G	TCU TEL IN+
31	-	-
32	-	-
33	-	-
34	-	-
35	R	AUX AUDIO LH
36	B	AUX AUDIO GND
37	-	-
38	-	-
39	-	-
40	W	CAMERA COMP +
41	SB	M CAN-H TRM
42	SB	M CAN-H
43	SB	V CAN-H
44	LA/GR	SPEED BP
45	R	REVERSE SIG
46	LA/R	MR OUTPUT
47	LA/V	MIC NS ON/OFF
48	-	-
49	SHIELD	TCU TEL SHIELD
50	R	TCU TEL IN-
51	-	-
52	-	-
53	L	MIC SIG
54	SHIELD	MIC GND
55	W	AUX AUDIO RH
56	SHIELD	AUX SHIELD
57	-	-
58	-	-
59	-	-

60	SHIELD	CAMERA SHIELD
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Connector No.	M105
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	-	-
2	-	-
3	-	-
4	B	GND
5	B	GND
6	L	CAN-H
7	GR	K LINE
8	G	IGN
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	W	CAN-L
15	-	-
16	Y	+B

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	-	TO MAIN HARNESS
2	R	TO MAIN HARNESS
3	G	TO MAIN HARNESS
4	W	TO MAIN HARNESS
5	Y	TO MAIN HARNESS
6	GR	TO MAIN HARNESS

7	BR	TO MAIN HARNESS
8	B	TO MAIN HARNESS
9	LA/V	TO MAIN HARNESS
10	SHIELD	TO MAIN HARNESS
11	L	TO MAIN HARNESS
12	P	TO MAIN HARNESS
13	-	TO MAIN HARNESS
14	-	TO MAIN HARNESS
15	L	TO MAIN HARNESS
16	SB	TO MAIN HARNESS
17	B	TO MAIN HARNESS
18	LA/V	TO MAIN HARNESS
19	LA/L	TO MAIN HARNESS
20	B	TO MAIN HARNESS
21	R	TO MAIN HARNESS
22	GR	TO MAIN HARNESS
23	P	TO MAIN HARNESS
24	BR	TO MAIN HARNESS

Connector No.	R17
Connector Name	LANE CAMERA UNIT
Connector Type	MUB12FB
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
1	B	GROUND
2	-	-
3	GR	IGN
4	-	-
5	BR	ITS CAN-H
6	P	ITS CAN-L
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-