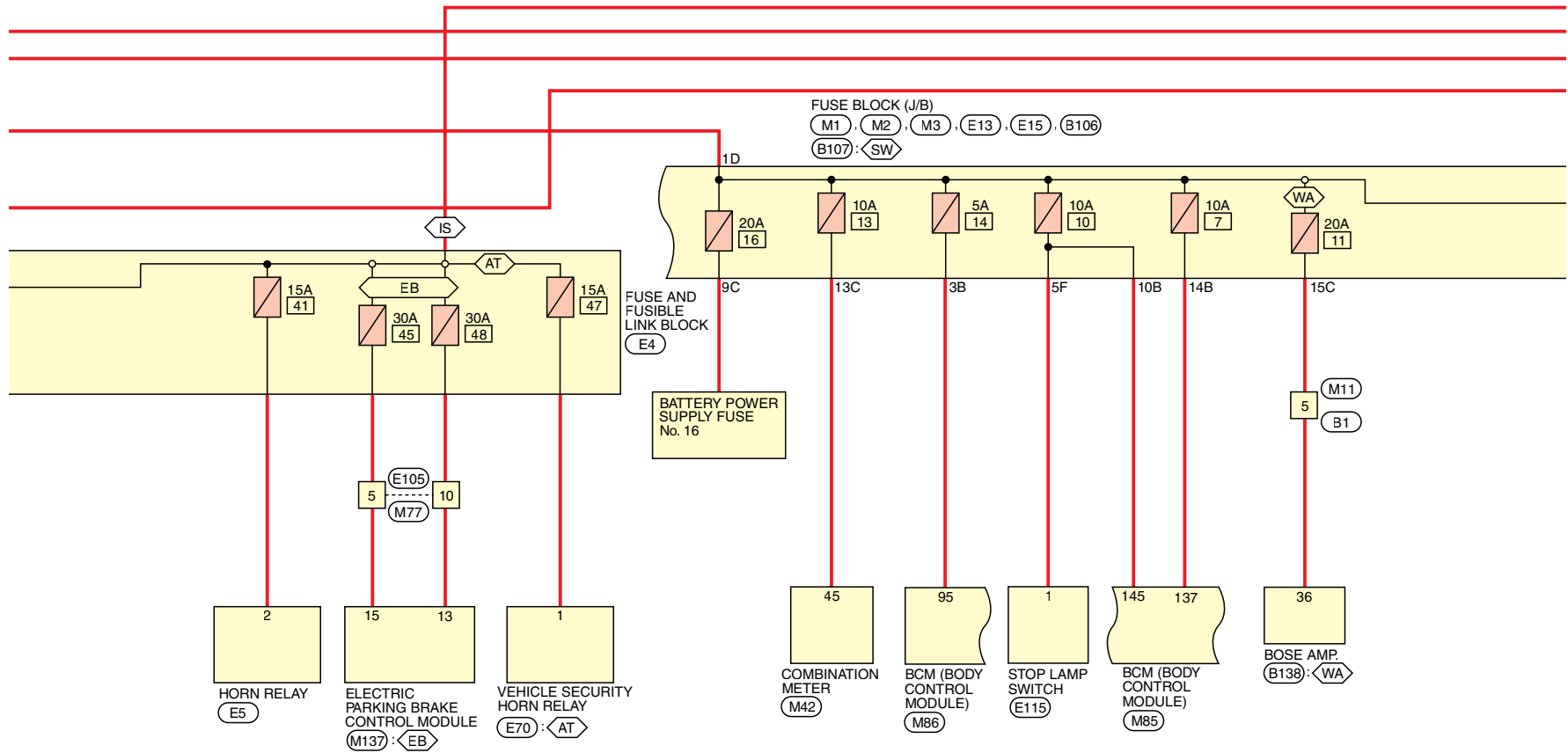




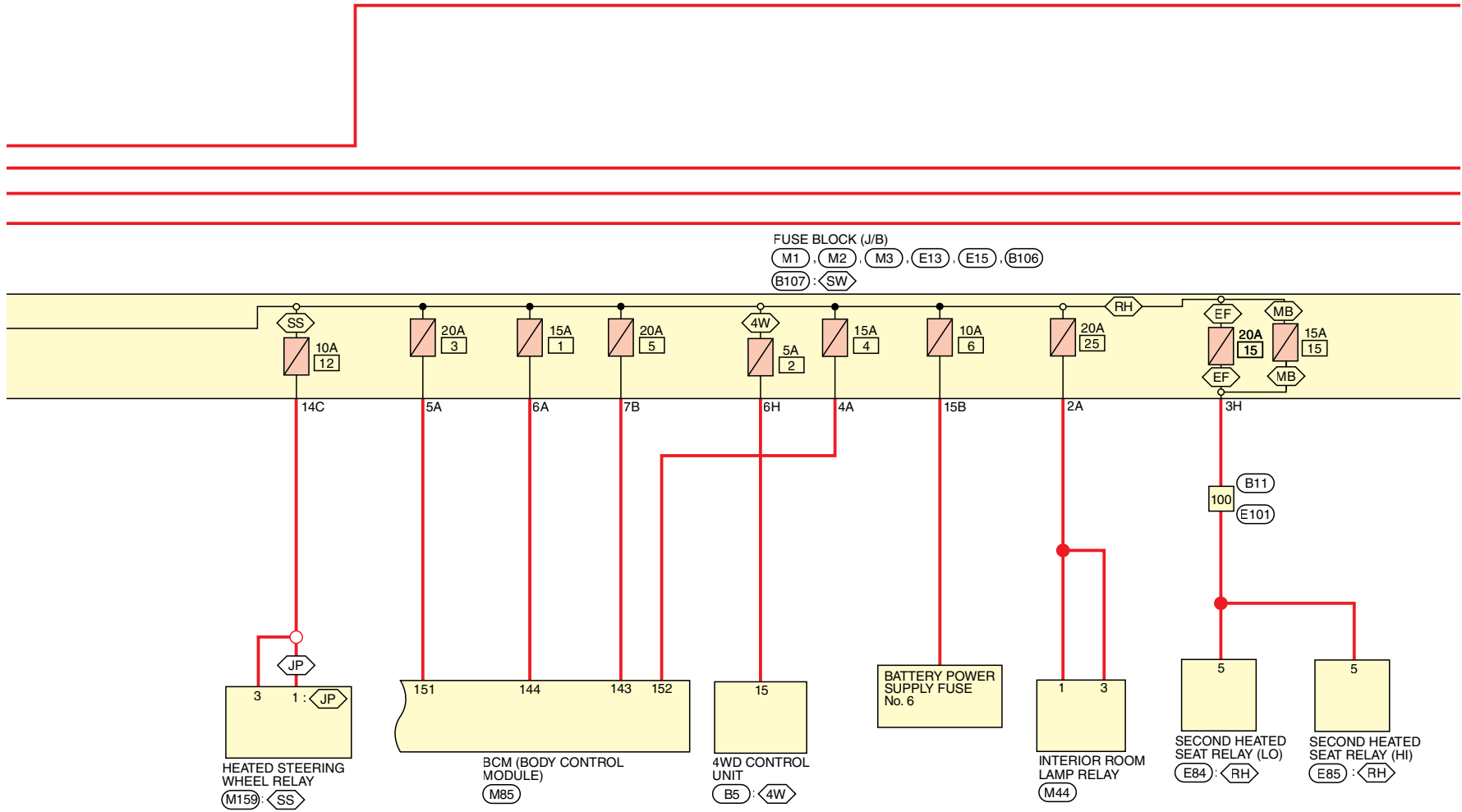
EB : With electric parking brake

AT : With anti-theft horn

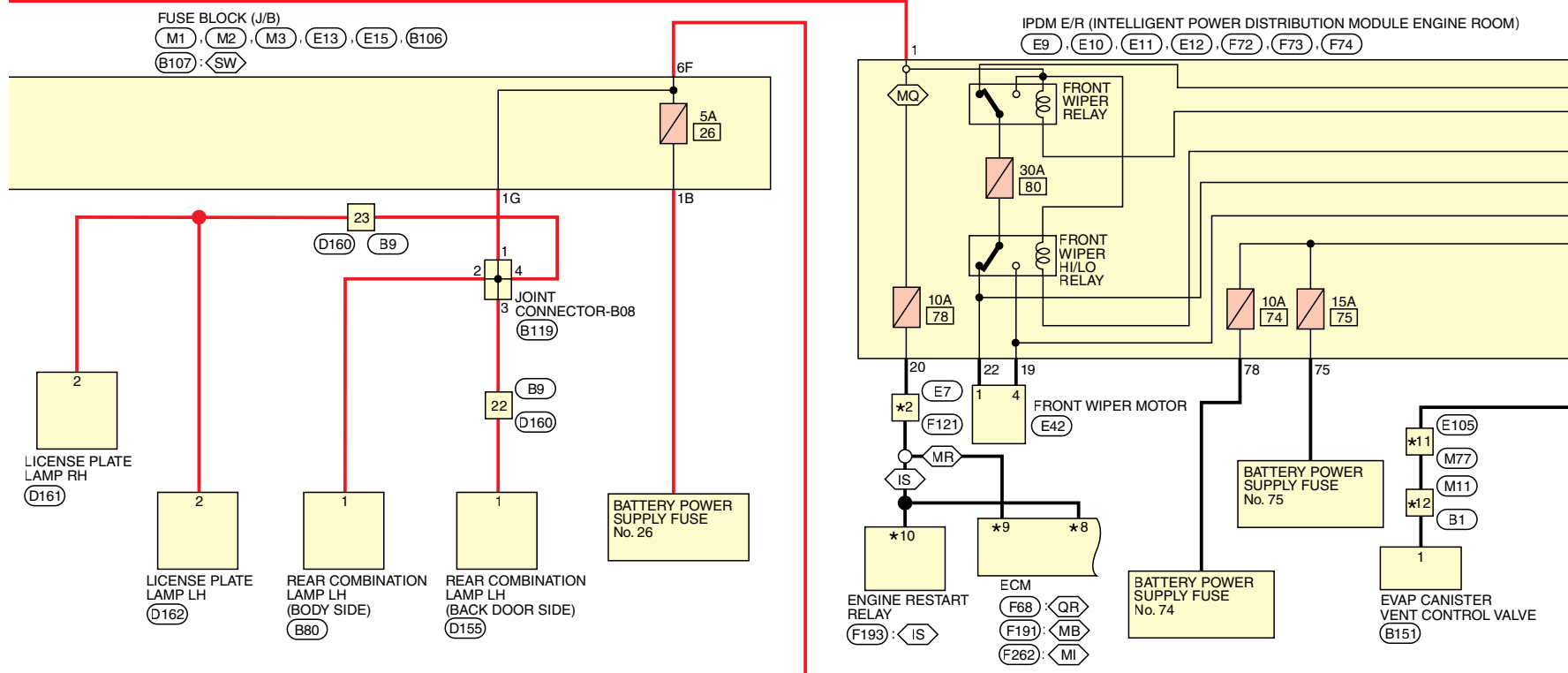


<JP> : Before July 22, 2018 production  
 <RH> : With second heated seat  
 <SW> : With second heated seat or 4WD models

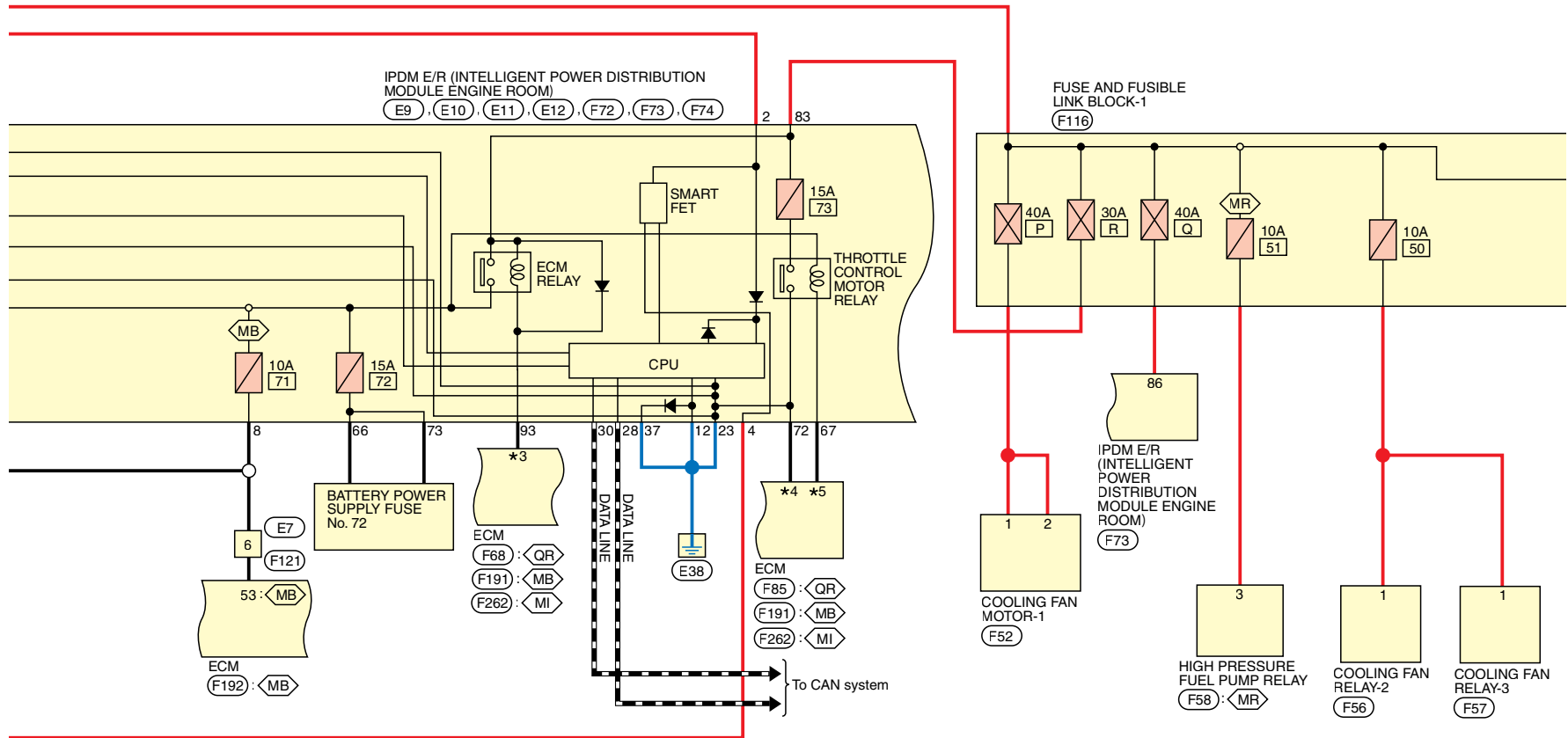
<WA> : With BOSE system  
 <SS> : With heated steering  
 <4W> : 4WD models



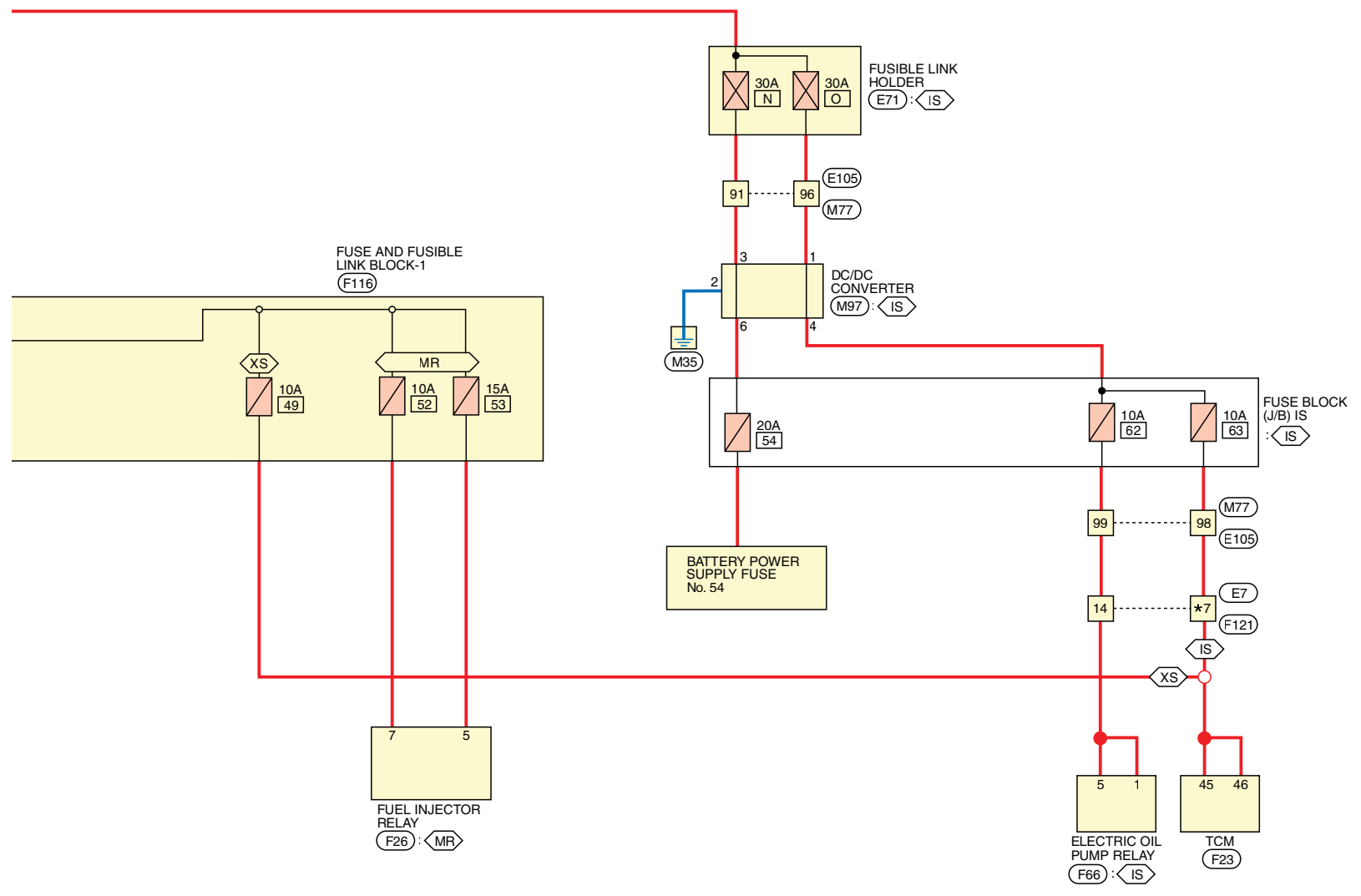
- |    |          |    |           |     |          |     |          |      |  |
|----|----------|----|-----------|-----|----------|-----|----------|------|--|
| *2 | 5: <QR>  | *8 | 81: <QR>  | *10 | 1: <QR>  | *12 | 77: <MP> | <XS> | : Without Stop / Start system          |
|    | 14: <MP> |    | 123: <MI> |     | 2: <MI>  |     | 31: <MI> | <MQ> | : QR engine models or MR engine models |
|    | 3: <MI>  | *9 | 113: <MB> | *11 | 90: <MP> |     |          |      |  |
|    |          |    | 123: <MI> |     | 4: <MI>  |     |          |      |  |



- \*3 89: <img alt="QR symbol" data-bbox="698 103 718 118"/> \*4 2: <img alt="QR symbol" data-bbox="758 103 778 118"/> \*5 21: <img alt="QR symbol" data-bbox="818 103 838 118"/>
- 81: <img alt="MB symbol" data-bbox="698 123 718 138"/> 118: <img alt="MB symbol" data-bbox="758 123 778 138"/> 97: <img alt="MR symbol" data-bbox="818 123 838 138"/>
- 74: <img alt="MI symbol" data-bbox="698 143 718 158"/> 128: <img alt="MI symbol" data-bbox="758 143 778 158"/>

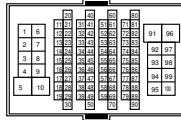


\*7 9: QR  
8: MI



## BATTERY POWER SUPPLY

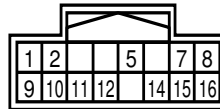
Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	TO MAIN HARNESS
2	LA/Y	TO MAIN HARNESS
3	P	TO MAIN HARNESS
4	R	TO MAIN HARNESS
5	L	TO MAIN HARNESS
6	V	TO MAIN HARNESS
7	LA/V	TO MAIN HARNESS
8	BR	TO MAIN HARNESS
9	G	TO MAIN HARNESS
22	LA/V	TO MAIN HARNESS
23	LA/R	TO MAIN HARNESS
31	BR	TO MAIN HARNESS
32	R	TO MAIN HARNESS
40	L	TO MAIN HARNESS
41	B	TO MAIN HARNESS
42	G	TO MAIN HARNESS
51	Y	TO MAIN HARNESS
52	L	TO MAIN HARNESS
53	SHIELD	TO MAIN HARNESS
54	R	TO MAIN HARNESS
55	W	TO MAIN HARNESS
56	SHIELD	TO MAIN HARNESS
58	GR	TO MAIN HARNESS
59	R	TO MAIN HARNESS
60	R	TO MAIN HARNESS
61	G	TO MAIN HARNESS
62	SHIELD	TO MAIN HARNESS
63	V	TO MAIN HARNESS
64	LG	TO MAIN HARNESS
65	SHIELD	TO MAIN HARNESS
66	BR	TO MAIN HARNESS
68	W	TO MAIN HARNESS
69	G	TO MAIN HARNESS
71	Y	TO MAIN HARNESS

72	Y	TO MAIN HARNESS
73	R	TO MAIN HARNESS [Without Forward Emergency Braking]
73	Y	TO MAIN HARNESS [With Forward Emergency Braking]
74	R	TO MAIN HARNESS
75	Y	TO MAIN HARNESS
76	BR	TO MAIN HARNESS
77	BR	TO MAIN HARNESS
78	LA/L	TO MAIN HARNESS
80	BR	TO MAIN HARNESS
81	GR	TO MAIN HARNESS [With Forward Emergency Braking]
81	L	TO MAIN HARNESS [Without Forward Emergency Braking]
82	GR	TO MAIN HARNESS [With Forward Emergency Braking]
82	L	TO MAIN HARNESS [Without Forward Emergency Braking]
83	L	TO MAIN HARNESS
84	L	TO MAIN HARNESS
85	GR	TO MAIN HARNESS
86	W	TO MAIN HARNESS
88	LA/B	TO MAIN HARNESS
90	G	TO MAIN HARNESS
91	BR	TO MAIN HARNESS
92	LA/R	TO MAIN HARNESS
93	LA/L	TO MAIN HARNESS
95	LA/BR	TO MAIN HARNESS
96	LG	TO MAIN HARNESS
97	L	TO MAIN HARNESS
98	Y	TO MAIN HARNESS
99	LA/P	TO MAIN HARNESS
100	LA/GR	TO MAIN HARNESS

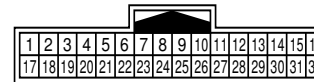
Connector No.	B5
Connector Name	4WD CONTROL UNIT
Connector Type	TH16FW-NH
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LA/SB	4WD SOL (+)
2	LA/Y	4WD SOL (-)
5	V	AUTO SW
7	LA/R	IGN

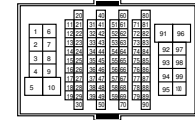
8	L	CAN-H
9	LA/G	4WD SOL BAT
10	B	GROUND
11	B	GROUND
12	GR	2WD SW
14	Y	LOCK SW
15	L	BATTERY POWER SUPPLY
16	P	CAN-L

Connector No.	B9
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
5	R	TO BODY HARNESS
6	B	TO BODY HARNESS
7	W	TO BODY HARNESS
8	SHIELD	TO BODY HARNESS
13	W	TO BODY HARNESS
14	V	TO BODY HARNESS
15	BR	TO BODY HARNESS
16	SB	TO BODY HARNESS
17	LA/W	TO BODY HARNESS
18	LA/BR	TO BODY HARNESS
19	LG	TO BODY HARNESS
21	G	TO BODY HARNESS
22	LA/R	TO BODY HARNESS
23	LA/R	TO BODY HARNESS
24	R	TO BODY HARNESS
29	Y	TO BODY HARNESS
30	G	TO BODY HARNESS
31	GR	TO BODY HARNESS
32	LG	TO BODY HARNESS

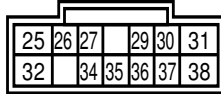
Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	TH80MDGY-CS16-TM4
Connector Color	Dark Gray



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	TO ENGINE ROOM HARNESS
2	LA/BR	TO ENGINE ROOM HARNESS
4	LG	TO ENGINE ROOM HARNESS
6	W	TO ENGINE ROOM HARNESS
8	BR	TO ENGINE ROOM HARNESS
11	SB	TO ENGINE ROOM HARNESS
12	V	TO ENGINE ROOM HARNESS
13	P	TO ENGINE ROOM HARNESS
14	W	TO ENGINE ROOM HARNESS
15	G	TO ENGINE ROOM HARNESS
16	LG	TO ENGINE ROOM HARNESS
17	Y	TO ENGINE ROOM HARNESS
20	R	TO ENGINE ROOM HARNESS
21	BR	TO ENGINE ROOM HARNESS
22	Y	TO ENGINE ROOM HARNESS
23	BG	TO ENGINE ROOM HARNESS
24	SB	TO ENGINE ROOM HARNESS
25	G	TO ENGINE ROOM HARNESS
26	B	TO ENGINE ROOM HARNESS
27	L	TO ENGINE ROOM HARNESS
100	SB	TO ENGINE ROOM HARNESS

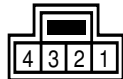
## BATTERY POWER SUPPLY

Connector No.	B25
Connector Name	AUTOMATIC BACK DOOR CONTROL UNIT
Connector Type	YEA10FGY-YHA4
Connector Color	Gray



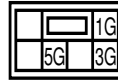
Terminal No.	Color Of Wire	Signal Name [Specification]
25	W	BAT POWER SUPPLY
26	L	KICK_SENSOR_SIG(SERIAL_SIG)
27	BR	P_B/D_LH_MTR_OPEN
29	BR	P_B/D_RH_MTR_OPEN
30	GR	KICK_SENSOR_POWER
31	L	LATCH_MTR_OPEN
32	B	GROUND
34	G	P_B/D_LH_MTR_CLOSE
35	B	SPINDLE_NOISE
36	G	P_B/D_RH_MTR_CLOSE
37	Y	BUZZER
38	SB	LATCH_MTR_CLOSE

Connector No.	B80
Connector Name	REAR COMBINATION LAMP LH (BODY SIDE)
Connector Type	NS04MW-CS
Connector Color	White



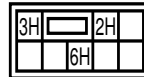
Terminal No.	Color Of Wire	Signal Name [Specification]
1	LA/R	-
2	LA/Y	-
3	GR	-
4	B	-

Connector No.	B106
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS06FW-CS
Connector Color	White



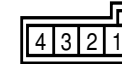
Terminal No.	Color Of Wire	Signal Name [Specification]
1G	LA/R	-
3G	G	-
5G	G	-

Connector No.	B107
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS08FW-CS
Connector Color	White



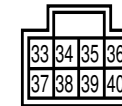
Terminal No.	Color Of Wire	Signal Name [Specification]
2H	BR	-
3H	SB	-
6H	L	- [Color of wire varies depending on production]
6H	LA/L	- [Color of wire varies depending on production]

Connector No.	B119
Connector Name	JOINT CONNECTOR-B08
Connector Type	SAC04JW
Connector Color	-



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LA/R	-
2	LA/R	-
3	LA/R	-
4	LA/R	-

Connector No.	B138
Connector Name	BOSE AMP.
Connector Type	SHB08FB
Connector Color	Black



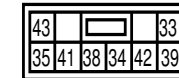
Terminal No.	Color Of Wire	Signal Name [Specification]
33	R	SOUND SIGNAL WOOFER 2 -
34	BR	SOUND SIGNAL FRONT DOOR SPEAKER LH +
35	Y	SOUND SIGNAL WOOFER 1 +
36	L	BATTERY POWER SUPPLY
37	G	SOUND SIGNAL WOOFER 2 +
38	P	SOUND SIGNAL FRONT DOOR SPEAKER LH -
39	BR	SOUND SIGNAL WOOFER 1 -
40	B	GROUND

Connector No.	B151
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	E02FB-RS
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	POWER
2	R	GROUND

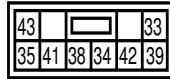
Connector No.	B472
Connector Name	POWER SEAT SWITCH (PASSENGER SIDE)
Connector Type	NS10FW-CS
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
33	R	-
34	B	-
35	G	-
38	GR	-
39	Y	-
41	V	-
42	P/B	-
43	-	-

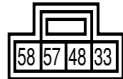
## BATTERY POWER SUPPLY

Connector No.	B492
Connector Name	POWER SEAT SWITCH (DRIVER SIDE)
Connector Type	NS10FW-CS
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
33	R	-
34	B	-
35	G	-
38	GR	-
39	Y	-
41	V	-
42	P/B	-
43	-	-

Connector No.	B505
Connector Name	LUMBAR SUPPORT SWITCH
Connector Type	NS04FW-CS
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
33	R	-
48	B	-
57	W	-
58	L	-

Connector No.	D6
Connector Name	POWER WINDOW MAIN SWITCH
Connector Type	NS03FW-CS
Connector Color	White



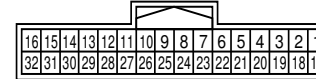
Terminal No.	Color Of Wire	Signal Name [Specification]
17	L	FRONT POWER WINDOW MOTOR (DRIVER SIDE) UP SIGNAL [Color of wire varies depending on production]
17	LA/L	FRONT POWER WINDOW MOTOR (DRIVER SIDE) UP SIGNAL [Color of wire varies depending on production]
18	LA/R	BATTERY POWER SUPPLY [Color of wire varies depending on production]
18	R	BATTERY POWER SUPPLY [Color of wire varies depending on production]
19	BR	FRONT POWER WINDOW MOTOR (DRIVER SIDE) DOWN SIGNAL [Color of wire varies depending on production]
19	LA/BR	FRONT POWER WINDOW MOTOR (DRIVER SIDE) DOWN SIGNAL [Color of wire varies depending on production]

Connector No.	D155
Connector Name	REAR COMBINATION LAMP LH (BACK DOOR SIDE)
Connector Type	NS03MW-CS
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LA/Y	- [Color of wire varies depending on production]
1	Y	- [Color of wire varies depending on production]
2	G	-
3	GR	-

Connector No.	D160
Connector Name	WIRE TO WIRE
Connector Type	TH32FW-NH
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
5	R	TO BODY HARNESS
6	B	TO BODY HARNESS
7	W	TO BODY HARNESS
8	V	TO BODY HARNESS
13	G	TO BODY HARNESS
14	GR	TO BODY HARNESS [Color of wire varies depending on production]
14	LA/GR	TO BODY HARNESS [Color of wire varies depending on production]
15	LA/W	TO BODY HARNESS [Color of wire varies depending on production]
15	W	TO BODY HARNESS [Color of wire varies depending on production]
16	LA/LG	TO BODY HARNESS [Color of wire varies depending on production]
16	LG	TO BODY HARNESS [Color of wire varies depending on production]
17	Y	TO BODY HARNESS
18	LA/R	TO BODY HARNESS [Color of wire varies depending on production]
18	R	TO BODY HARNESS [Color of wire varies depending on production]
19	W	TO BODY HARNESS
21	G	TO BODY HARNESS
22	LA/Y	TO BODY HARNESS [Color of wire varies depending on production]
22	Y	TO BODY HARNESS [Color of wire varies depending on production]
23	P	TO BODY HARNESS
24	BR	TO BODY HARNESS
29	V	TO BODY HARNESS
30	G	TO BODY HARNESS
31	BG	TO BODY HARNESS
32	LG	TO BODY HARNESS

Connector No.	D161
Connector Name	LICENSE PLATE LAMP RH
Connector Type	TK02FBR
Connector Color	Brown



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	R	-

Connector No.	D162
Connector Name	LICENSE PLATE LAMP LH
Connector Type	TK02FBR
Connector Color	Brown



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	P	-

## BATTERY POWER SUPPLY

Connector No.	E1
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	L02FGY-MC
Connector Color	Gray



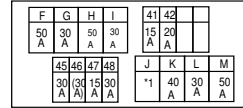
Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	R	-

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	L02FBR-MC
Connector Color	Brown



Terminal No.	Color Of Wire	Signal Name [Specification]
3	L	-
4	W	-

Connector No.	E4
Connector Name	FUSE AND FUSIBLE LINK BLOCK
Connector Type	24381_7990A
Connector Color	-



\*1 30 A  
40 A

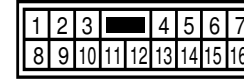
Terminal No.	Color Of Wire	Signal Name [Specification]
41	SB	-
42	BR	-
45	V	-
47	L	-
48	W	-
F	R	-
G	BR	-
H	R	-
J	W	-
K	Y	-
L	L	-
M	W	-

Connector No.	E5
Connector Name	HORN RELAY
Connector Type	24381_7990A
Connector Color	-



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BG	-
2	SB	HORN RELAY POWER SUPPLY
3	R	-

Connector No.	E7
Connector Name	WIRE TO WIRE
Connector Type	NS16MBR-CS
Connector Color	Brown



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	TO ENGINE CONTROL HARNESS
2	BR	TO ENGINE CONTROL HARNESS
3	R	TO ENGINE CONTROL HARNESS
4	BG	TO ENGINE CONTROL HARNESS [2WD models]
4	R	TO ENGINE CONTROL HARNESS [4WD models]
5	P	TO ENGINE CONTROL HARNESS [2WD models]
5	R	TO ENGINE CONTROL HARNESS [4WD models]
6	BG	TO ENGINE CONTROL HARNESS [Color of wire varies depending on production]
6	BR	TO ENGINE CONTROL HARNESS [Color of wire varies depending on production]
7	G	TO ENGINE CONTROL HARNESS
8	V	TO ENGINE CONTROL HARNESS [2WD models]
8	W	TO ENGINE CONTROL HARNESS [4WD models]
9	BR	TO ENGINE CONTROL HARNESS [2WD models]
9	V	TO ENGINE CONTROL HARNESS [4WD models]
10	BR	TO ENGINE CONTROL HARNESS
11	L	TO ENGINE CONTROL HARNESS [With MR engine]
11	Y	TO ENGINE CONTROL HARNESS [Without MR engine]
12	W	TO ENGINE CONTROL HARNESS
13	BR	TO ENGINE CONTROL HARNESS
14	R	TO ENGINE CONTROL HARNESS [Color of wire varies depending on production]
14	Y	TO ENGINE CONTROL HARNESS [Color of wire varies depending on production]
15	L	TO ENGINE CONTROL HARNESS
16	SB	TO ENGINE CONTROL HARNESS

Connector No.	E8
Connector Name	WIRE TO WIRE
Connector Type	M02MW-LC
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	TO ENGINE CONTROL HARNESS
2	W	TO ENGINE CONTROL HARNESS

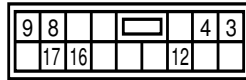
Connector No.	E9
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	L02FB-MC
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	L	-

## BATTERY POWER SUPPLY

Connector No.	E10
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	NS16FGY-CS
Connector Color	Gray



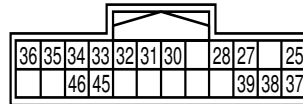
Terminal No.	Color Of Wire	Signal Name [Specification]
3	P	-
4	Y	-
8	BG	-
9	L	-
12	B	-
16	G	-
17	W	-

Connector No.	E11
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	renault_243405408R
Connector Color	-



Terminal No.	Color Of Wire	Signal Name [Specification]
19	V	-
20	R	-
22	Y	-
23	B	-
24	W	-

Connector No.	E12
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH24FGY-NH
Connector Color	Gray



Terminal No.	Color Of Wire	Signal Name [Specification]
25	LG	-
27	SB	-
28	P	-
30	L	-
31	G	-
32	B	-
33	BG	-
34	LG	-
35	V	-
36	Y	-
37	B	-
38	GR	-
39	BR	-
45	L	-
46	P	-

Connector No.	E13
Connector Name	FUSE BLOCK (J/B)
Connector Type	L01FW-MC
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
1D	G	-

Connector No.	E14
Connector Name	FUSE BLOCK (J/B)
Connector Type	M01FW-LC
Connector Color	White



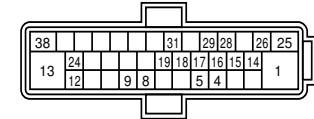
Terminal No.	Color Of Wire	Signal Name [Specification]
1E	L	-

Connector No.	E15
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
5F	V	-
6F	Y	-

Connector No.	E36
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	BEZ34FB-BHY2-BJZ2-RH
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	MOTOR POWER SUPPLY
4	SB	FR RH WHEEL SENSOR SIGNAL
5	V	BRAKE VACUUM SENSOR POWER SUPPLY
8	P	FR LH WHEEL SENSOR SIGNAL
9	Y	hill decent control SWITCH
12	LG	BRAKE VACUUM SENSOR SIGNAL
13	B	GROUND (MOTOR)
14	P	CAN-L
15	BR	VDC OFF SWITCH
16	R	FR RH WHEEL SENSOR POWER SUPPLY
17	Y	RR RH WHEEL SENSOR POWER SUPPLY
18	G	RR LH WHEEL SENSOR SIGNAL
19	W	FR LH WHEEL SENSOR POWER SUPPLY
24	SHIELD	BRAKE VACUUM SENSOR GROUND
25	BR	VALVE POWER SUPPLY
26	L	CAN-H
28	GR	IGNITION POWER SUPPLY
29	LG	RR RH WHEEL SENSOR SIGNAL
31	BR	RR LH WHEEL SENSOR POWER SUPPLY
38	B	GROUND (VALVE)

## BATTERY POWER SUPPLY

Connector No.	E42
Connector Name	FRONT WIPER MOTOR
Connector Type	HS05FGY
Connector Color	Gray



118	SB	SENSOR POWER SUPPLY
119	Y	ACCELERATOR PEDAL POSITION SENSOR 2
120	LG	SENSOR GROUND
121	BR	POWER SUPPLY FOR ECM
122	V	SENSOR POWER SUPPLY
123	BR	ECM GROUND
124	W	SENSOR GROUND
125	BG	FUEL TANK TEMPERATURE SENSOR
126	GR	ACCELERATOR PEDAL POSITION SENSOR 1
127	R	SENSOR GROUND
128	BR	ECM GROUND

Connector No.	E66
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	24340_1MG2A
Connector Color	Green



Connector No.	E70
Connector Name	VEHICLE SECURITY HORN RELAY
Connector Type	M03FW-R-LC
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	B	-
4	V	-
5	BR	-

Connector No.	E64
Connector Name	STARTER MOTOR
Connector Type	24340_JG04B
Connector Color	-



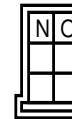
Terminal No.	Color Of Wire	Signal Name [Specification]
6	B/R	-

Connector No.	E68
Connector Name	ALTERNATOR
Connector Type	24340_65F42
Connector Color	-

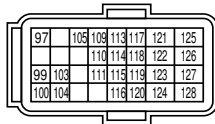


Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	VEHICLE SECURITY HORN RELAY POWER SUPPLY
2	R	-
3	GR	-

Connector No.	E71
Connector Name	FUSIBLE LINK HOLDER
Connector Type	24380_JL00A
Connector Color	-



Connector No.	E60
Connector Name	ECM
Connector Type	RH24FB-RZ8-L-LH
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B/R	-

Connector No.	E65
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	24340_JA04D
Connector Color	-



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B/R	-

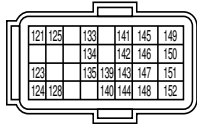
Terminal No.	Color Of Wire	Signal Name [Specification]
97	R	EVAP CANISTER VENT CONTROL VALVE
99	P	CAN COMMUNICATION LINE (CAN-L)
100	L	CAN COMMUNICATION LINE (CAN-H)
103	Y	REFRIGERANT PRESSURE SENSOR
104	R	SENSOR POWER SUPPLY
105	Y	ENGINE RESTART RELAY CONTROL SIGNAL
109	LG	IGNITION SWITCH
110	G	ASCD STEERING SWITCH
111	BR	SENSOR GROUND
113	G	SENSOR POWER SUPPLY
114	L	EVAP CONTROL SYSTEM PRESSURE SENSOR
115	V	STOP LAMP SWITCH
116	GR	BRAKE PEDAL POSITION SWITCH
117	W	PNP SIGNAL

Terminal No.	Color Of Wire	Signal Name [Specification]
5	B/R	-

Terminal No.	Color Of Wire	Signal Name [Specification]
N	R	-
O	GR	-

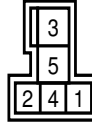
## BATTERY POWER SUPPLY

Connector No.	E80
Connector Name	ECM
Connector Type	RH24FB-RZ8-L-LH
Connector Color	Black



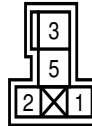
Terminal No.	Color Of Wire	Signal Name [Specification]
121	L	EVAP CONTROL SYSTEM PRESSURE SENSOR
123	P	CAN-L
124	L	CAN-H
125	G	SENSOR POWER SUPPLY
128	BG	FUEL TANK TEMPERATURE SENSOR
133	LG	IGNITION SWITCH
134	G	ASCD STEERING SWITCH
135	BR	SENSOR GROUND
139	V	STOP LAMP SWITCH
140	GR	BRAKE PEDAL POSITION SWITCH
141	R	EVAP CANISTER VENT CONTROL VALVE
142	SB	SENSOR POWER SUPPLY
143	Y	ACCELERATOR PEDAL POSITION SENSOR 2
144	LG	SENSOR GROUND
145	BR	POWER SUPPLY FOR ECM
146	V	SENSOR POWER SUPPLY
147	B	ECM GROUND
148	B	SENSOR GROUND
149	B	ECM GROUND
150	GR	ACCELERATOR PEDAL POSITION SENSOR 1
151	R	SENSOR GROUND
152	B	ECM GROUND

Connector No.	E84
Connector Name	SECOND HEATED SEAT RELAY (LO)
Connector Type	MS02FB-M2-LC
Connector Color	Black



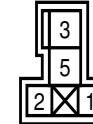
Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	B	SECOND HEATED SEAT RELAY (LO) GROUND
3	BR	-
4	B	SECOND HEATED SEAT RELAY (LO) GROUND
5	R	SECOND HEATED SEAT RELAY (LO) POWER SUPPLY (Color of wire varies depending on production)
5	SB	SECOND HEATED SEAT RELAY (LO) POWER SUPPLY (Color of wire varies depending on production)

Connector No.	E85
Connector Name	SECOND HEATED SEAT RELAY (HI)
Connector Type	MS02FL-M2-LC
Connector Color	Blue



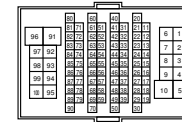
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	SECOND HEATED SEAT RELAY (HI) GROUND
2	P	-
3	LG	-
5	SB	SECOND HEATED SEAT RELAY (HI) POWER SUPPLY

Connector No.	E94
Connector Name	STARTER CONTROL RELAY
Connector Type	MS02FL-M2-LC
Connector Color	Blue



Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	-
2	G	-
3	L	-
5	GR	-

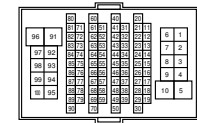
Connector No.	E101
Connector Name	WIRE TO WIRE
Connector Type	TH80FDGY-CS16-TM4
Connector Color	Dark Gray



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	TO BODY HARNESS
2	W	TO BODY HARNESS
4	LG	TO BODY HARNESS
6	BR	TO BODY HARNESS
8	BR	TO BODY HARNESS
11	SB	TO BODY HARNESS
12	V	TO BODY HARNESS
13	P	TO BODY HARNESS
14	W	TO BODY HARNESS
15	G	TO BODY HARNESS
16	LG	TO BODY HARNESS
17	Y	TO BODY HARNESS
20	G	TO BODY HARNESS
21	BR	TO BODY HARNESS

22	LG	TO BODY HARNESS
23	Y	TO BODY HARNESS
24	SB	TO BODY HARNESS
25	G	TO BODY HARNESS
26	B	TO BODY HARNESS
27	L	TO BODY HARNESS
100	SB	TO BODY HARNESS

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Connector Color	White

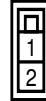


Terminal No.	Color Of Wire	Signal Name [Specification]
2	W	TO MAIN HARNESS
3	GR	TO MAIN HARNESS [Color of wire varies depending on production]
3	R	TO MAIN HARNESS [Color of wire varies depending on production]
4	P	TO MAIN HARNESS
5	V	TO MAIN HARNESS
8	L	TO MAIN HARNESS
9	LG	TO MAIN HARNESS
10	W	TO MAIN HARNESS
20	W	TO MAIN HARNESS
21	B	TO MAIN HARNESS
22	SHIELD	TO MAIN HARNESS
31	Y	TO MAIN HARNESS
33	P	TO MAIN HARNESS
34	Y	TO MAIN HARNESS
35	BG	TO MAIN HARNESS
36	LG	TO MAIN HARNESS
37	V	TO MAIN HARNESS
40	L	TO MAIN HARNESS
41	P	TO MAIN HARNESS
42	L	TO MAIN HARNESS
43	B	TO MAIN HARNESS
44	G	TO MAIN HARNESS
45	BG	TO MAIN HARNESS
46	W	TO MAIN HARNESS
51	P	TO MAIN HARNESS
52	L	TO MAIN HARNESS

## BATTERY POWER SUPPLY

53	W	TO MAIN HARNESS
54	Y	TO MAIN HARNESS
55	BR	TO MAIN HARNESS
56	P	TO MAIN HARNESS
57	B	TO MAIN HARNESS
58	BR	TO MAIN HARNESS
59	Y	TO MAIN HARNESS
60	G	TO MAIN HARNESS
63	BR	TO MAIN HARNESS
64	GR	TO MAIN HARNESS
65	LG	TO MAIN HARNESS
66	BG	TO MAIN HARNESS
67	R	TO MAIN HARNESS
68	V	TO MAIN HARNESS
69	P	TO MAIN HARNESS
70	L	TO MAIN HARNESS
71	V	TO MAIN HARNESS
72	L	TO MAIN HARNESS
73	R	TO MAIN HARNESS
74	G	TO MAIN HARNESS
76	L	TO MAIN HARNESS
77	V	TO MAIN HARNESS
78	LG	TO MAIN HARNESS
79	SHIELD	TO MAIN HARNESS
80	GR	TO MAIN HARNESS
81	BG	TO MAIN HARNESS
82	W	TO MAIN HARNESS
83	SB	TO MAIN HARNESS
84	L	TO MAIN HARNESS
85	P	TO MAIN HARNESS
86	Y	TO MAIN HARNESS
88	BG	TO MAIN HARNESS
89	V	TO MAIN HARNESS
90	BR	TO MAIN HARNESS [Color of wire varies depending on production]
90	LG	TO MAIN HARNESS [Color of wire varies depending on production]
91	R	TO MAIN HARNESS
93	W	TO MAIN HARNESS
95	BR	TO MAIN HARNESS
96	GR	TO MAIN HARNESS
97	BG	TO MAIN HARNESS [Color of wire varies depending on production]
97	R	TO MAIN HARNESS [Color of wire varies depending on production]
98	V	TO MAIN HARNESS
99	Y	TO MAIN HARNESS
100	LG	TO MAIN HARNESS

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	L02FB-MC
Connector Color	Black



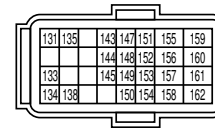
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	TO MAIN HARNESS
2	W	TO MAIN HARNESS

Connector No.	E115
Connector Name	STOP LAMP SWITCH
Connector Type	M04FW-LC
Connector Color	White



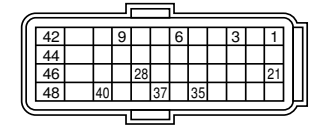
Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	STOP LAMP SWITCH POWER SUPPLY
2	LG	-
3	L	STOP LAMP SWITCH POWER SUPPLY
4	W	-

Connector No.	E197
Connector Name	ECM
Connector Type	RH24FB-RZ8-L-LH
Connector Color	Black



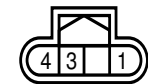
Terminal No.	Color Of Wire	Signal Name [Specification]
131	BR	FTPRES
133	P	VEHCAN-L
134	L	VEHCAN-H
135	R	AVCC3-FTPRES(NAM)
138	BG	TF
143	LG	IGNSW
144	G	ASCDSW
145	BR	GND-ASCDSW
147	P	PrivateCAN-L
148	L	PrivateCAN-H
149	V	BRAKE
150	GR	BNC5W
151	GR	CDCV
152	SB	AVCC2-APS2
153	Y	APS2
154	LG	GND-APS2
155	BR	VBR
156	V	AVCC1-APS1
157	B	GND
158	V	GND-FTPRES/TF
159	B	GND
160	GR	APS1
161	R	GND-APS1
162	B	GND

Connector No.	E200
Connector Name	ELECTRIC INTAKE VALVE TIMING CONTROL MODULE
Connector Type	RH40FBR-RZ8-R-RH
Connector Color	Brown



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	CAN-L
3	L	CAN-H
6	R	AVCC
9	B	AGND
21	B	CASE_GND
28	B	CRANK
35	W	MAS
37	W	CAM
40	Y	IGNSW
42	B	GND
44	G/R	MOT-MNS
46	G/Y	MOT-PLS
48	W	VMOT

Connector No.	E201
Connector Name	ACTIVE GRILLE SHUTTER
Connector Type	RH04FB
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	BATTERY POWER SUPPLY
3	L	LIN
4	B	GROUND

## BATTERY POWER SUPPLY

Connector No.	F4
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	L01FB-MC
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
7	W	-

Connector No.	F5
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	L01FB-MC
Connector Color	Black



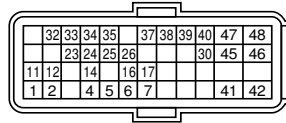
Terminal No.	Color Of Wire	Signal Name [Specification]
7	W	-

Connector No.	F14
Connector Name	ALTERNATOR
Connector Type	24340_EN013
Connector Color	-



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B/R	-

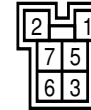
Connector No.	F23
Connector Name	TCM
Connector Type	RH40FB-RZ8-L-RH
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	EOP_RELAY
2	GR	L_RANGE_SWITCH
4	Y	D_RANGE_SWITCH
5	BR	N_RANGE_SWITCH
6	G	R_RANGE_SWITCH
7	V	P_RANGE_SWITCH
11	LG	SENSOR_GROUND
12	BR	CVT_FLUID_TEMPERATURE_SENSOR
14	V	VEH-G_SENS
16	SB	SECONDARY_PRESSURE_SENSOR
17	R	PRIMARY_PRESSURE_SENSOR
23	P	CAN-L
24	LG	INPUT_SPEED_SENSOR
25	GR	ELECTRIC_OIL_PUMP_OUTPUT
26	BG	SENSOR_POWER_SUPPLY
30	GR	LINE_PRESSURE_SOLENOID_VALVE
32	SB	EOP_STATE

33	L	CAN-H
34	W	OUTPUT_SPEED_SENSOR
35	GR	PRIMARY_SPEED_SENSOR
37	Y	SELECT_SOLENOID_VALVE
38	G	TORQUE_CONVERTER_CLUTCH_SOLENOID_VALVE
39	W	SECONDARY_PRESSURE_SOLENOID_VALVE
40	V	PRIMARY_PRESSURE_SOLENOID_VALVE
41	B	GROUND
42	B	GROUND
45	V	BATTERY_POWER_SUPPLY
46	V	BATTERY_POWER_SUPPLY
47	BG	IGNITION_POWER_SUPPLY
48	BG	IGNITION_POWER_SUPPLY

Connector No.	F26
Connector Name	FUEL INJECTOR RELAY
Connector Type	M06FBR-R-LC
Connector Color	Brown



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	B	FUEL_INJECTOR_RELAY_GROUND
3	Y	-
5	V	FUEL_INJECTOR_RELAY_POWER_SUPPLY
6	W	-
7	LG	FUEL_INJECTOR_RELAY_POWER_SUPPLY

Connector No.	F27
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1
Connector Type	RH04FDGY-P
Connector Color	Dark Gray



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	AIR_FUEL_RATIO_(A/F)_SENSOR_1
2	G	AIR_FUEL_RATIO_(A/F)_SENSOR_1
3	P	AIR_FUEL_RATIO_(A/F)_SENSOR_1_HEATER
4	BR	-

Connector No.	F30
Connector Name	MASS AIR FLOW SENSOR
Connector Type	RH06FB
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	V	INTAKE_AIR_TEMPERATURE_SENSOR
3	BR	MASS_AIR_FLOW_SENSOR
4	L	SENSOR_GROUND
5	L	SENSOR_POWER_SUPPLY

## BATTERY POWER SUPPLY

Connector No.	F31
Connector Name	HEATED OXYGEN SENSOR 2
Connector Type	RH04FB-P
Connector Color	Black



Connector No.	F37
Connector Name	FUEL INJECTOR No. 1
Connector Type	HS02FGY
Connector Color	Gray



Connector No.	F39
Connector Name	FUEL INJECTOR No. 3
Connector Type	HS02FGY
Connector Color	Gray



Connector No.	F41
Connector Name	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE
Connector Type	E02FBR-RS-GY
Connector Color	Brown



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	SENSOR GROUND
2	Y	HEATED OXYGEN SENSOR 2
3	V	HEATED OXYGEN SENSOR 2 HEATER
4	L	CAN COMMUNICATION LINE (CAN-L)

Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	- [4WD models]
1	W	- [2WD models]
2	B	- [2WD models]
2	L	- [4WD models]

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	B	- [2WD models]
2	P	- [4WD models]

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	GR	-

Connector No.	F32
Connector Name	EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE
Connector Type	E02FL-RS
Connector Color	Blue



Connector No.	F38
Connector Name	FUEL INJECTOR No. 2
Connector Type	HS02FGY
Connector Color	Gray



Connector No.	F40
Connector Name	FUEL INJECTOR No. 4
Connector Type	HS02FGY
Connector Color	Gray



Connector No.	F44
Connector Name	HEATED OXYGEN SENSOR 2
Connector Type	RH04FLGY-P
Connector Color	Blue



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BG	- [4WD models]
1	W	- [2WD models]
2	BG	- [2WD models]
2	Y	- [4WD models]

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BG	- [4WD models]
1	W	- [2WD models]
2	B	- [2WD models]
2	G	- [4WD models]

Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	- [4WD models]
1	W	- [2WD models]
2	B	- [2WD models]
2	Y	- [4WD models]

Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	SENSOR GROUND (HEATED OXYGEN SENSOR 2)
2	Y	HEATED OXYGEN SENSOR 2
3	V	HEATED OXYGEN SENSOR 2 HEATER
4	L	-

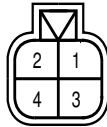
## BATTERY POWER SUPPLY

Connector No.	F45
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE
Connector Type	E02FBR-RS-GY
Connector Color	Brown



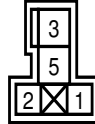
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	G	-

Connector No.	F52
Connector Name	COOLING FAN MOTOR-1
Connector Type	RS04FGY-PR
Connector Color	Gray



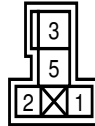
Terminal No.	Color Of Wire	Signal Name [Specification]
1	BG	-
2	BG	-
3	G	-
4	G	-

Connector No.	F56
Connector Name	COOLING FAN RELAY-2
Connector Type	24381.4BA1A
Connector Color	-



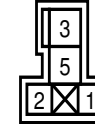
Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	COOLING FAN RELAY-2 POWER SUPPLY
2	V	-
3	G	-
5	P	-

Connector No.	F57
Connector Name	COOLING FAN RELAY-3
Connector Type	24381.4BA1A
Connector Color	-



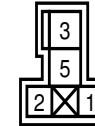
Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	COOLING FAN RELAY-3 POWER SUPPLY
2	BR	-
3	G	-
5	GR	COOLING FAN RELAY-3 GROUND

Connector No.	F58
Connector Name	HIGH PRESSURE FUEL PUMP RELAY
Connector Type	24381.4BA1A
Connector Color	-



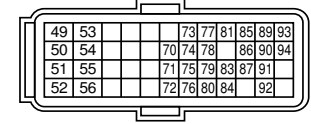
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	B	HIGH PRESSURE FUEL PUMP RELAY GROUND
3	BR	HIGH PRESSURE FUEL PUMP RELAY POWER SUPPLY
5	V	-

Connector No.	F66
Connector Name	ELECTRIC OIL PUMP RELAY
Connector Type	MS02FL-M2-LC
Connector Color	Blue



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	ELECTRIC OIL PUMP RELAY POWER SUPPLY
2	L	-
3	Y	-
5	R	ELECTRIC OIL PUMP RELAY POWER SUPPLY

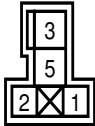
Connector No.	F68
Connector Name	ECM
Connector Type	RH40FBR-RZ8-R-LH
Connector Color	Brown



Terminal No.	Color Of Wire	Signal Name [Specification]
49	G	INTAKE MANIFOLD RUNNER CONTROL VALVE MOTOR (CLOSE)
50	V	INTAKE MANIFOLD RUNNER CONTROL VALVE MOTOR POWER SUPPLY
51	Y	INTAKE MANIFOLD RUNNER CONTROL VALVE MOTOR (OPEN)
52	BR	ECM GROUND
53	P	A/F SENSOR 1 HEATER
54	V	HEATED OXYGEN SENSOR 2 HEATER
55	G	ENGINE RESTART BYPASS CONTROL RELAY
56	GR	INTAKE VALVE TIMING INTERMEDIATE LOCK CONTROL SOLENOID VALVE
70	BR	SENSOR GROUND
71	GR	CRANKSHAFT POSITION SENSOR
72	L	SENSOR POWER SUPPLY
73	SHIELD	SHIELD
74	R	SENSOR GROUND
75	W	ATMOS PHERIC PRESSURE SENSOR
76	Y	SENSOR POWER SUPPLY
77	W	THROTTLE POSITION SENSOR 2
78	B	SENSOR GROUND
79	G	THROTTLE POSITION SENSOR 1
80	R	SENSOR POWER SUPPLY
81	BR	POWER SUPPLY FOR ECM (BACK-UP)
83	L	INTAKE MANIFOLD RUNNER CONTROL VALVE POSITION SENSOR
84	V	SENSOR POWER SUPPLY
85	G	LIN COMMUNICATION LINE
86	Y	IGNITION SIGNAL NO. 1
87	BR	IGNITION SIGNAL NO. 2
89	P	ECM RELAY (SELF SHUT-OFF)
90	W	IGNITION SIGNAL NO. 3
91	SB	IGNITION SIGNAL NO. 4
92	LG	SENSOR GROUND
93	L	INTAKE VALVE TIMING CONTROL SOLENOID VALVE
94	BR	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE

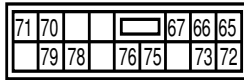
## BATTERY POWER SUPPLY

Connector No.	F69
Connector Name	STARTER CONTROL RELAY
Connector Type	MS02FL-M2-LC
Connector Color	Blue



Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	STARTER CONTROL RELAY POWER SUPPLY
2	G	-
3	L	STARTER CONTROL RELAY POWER SUPPLY
5	GR	-

Connector No.	F72
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	NS16FW-CS
Connector Color	White



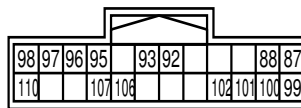
Terminal No.	Color Of Wire	Signal Name [Specification]
65	P	-
66	L	- [4WD models]
66	R	- [2WD models]
67	V	-
70	BG	-
71	SB	-
72	GR	-
73	BR	- [4WD models]
73	Y	- [2WD models]
75	BR	-
76	P	-
78	BG	- [Color of wire varies depending on production]
78	V	- [Color of wire varies depending on production]
79	G	-

Connector No.	F73
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	YLA06FGY
Connector Color	Gray



Terminal No.	Color Of Wire	Signal Name [Specification]
81	G	-
83	L	-
84	GR	-
85	P	-
86	LG	-

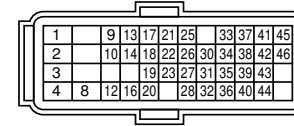
Connector No.	F74
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH24FB-NH
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
87	L	-
88	P	-
92	GR	-
93	P	-
95	LG	-
96	W	-
97	P	-
98	Y	-
99	BG	-
100	LG	-
101	V	-
102	Y	-
106	BR	-

107	V	-
110	SB	-

Connector No.	F85
Connector Name	ECM
Connector Type	RH40FB-RZ8-R-LH
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	THROTTLE CONTROL MOTOR (CLOSE)
2	GR	THROTTLE CONTROL MOTOR POWER SUPPLY
3	L	THROTTLE CONTROL MOTOR (OPEN)
4	W	KNOCK SENSOR
8	SHIELD	SENSOR GROUND
9	Y	FUEL INJECTOR NO. 4
10	P	FUEL INJECTOR NO. 3
12	BR	ECM GROUND
13	L	FUEL INJECTOR NO. 1
14	G	FUEL INJECTOR NO. 2
16	BR	ECM GROUND
17	BG	EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE
18	P	FUEL PUMP RELAY
19	R	EXHAUST GAS TEMPERATURE SENSOR
20	LG	VOLTAGE STABILIZER SIGNAL
21	V	THROTTLE CONTROL MOTOR RELAY
22	Y	HEATED OXYGEN SENSOR 2
23	B	SENSOR GROUND
25	P	ENGINE OIL TEMPERATURE SENSOR
26	BR	SENSOR GROUND
27	L	SENSOR GROUND
28	G	ENGINE COOLANT TEMPERATURE SENSOR
30	R	SENSOR GROUND
31	W	CAMSHAFT POSITION SENSOR (PHASE)
32	B	SENSOR POWER SUPPLY
33	V	INTAKE AIR TEMPERATURE SENSOR
34	GR	SENSOR GROUND
35	BR	MASS AIR FLOW SENSOR
36	L	SENSOR POWER SUPPLY
37	SHIELD	SHIELD
38	SB	SENSOR GROUND

39	P	ENGINE OIL PRESSURE SENSOR
40	W	SENSOR POWER SUPPLY
41	Y	A/F SENSOR 1
42	B	SENSOR GROUND
43	LG	EXHAUST VALVE TIMING CONTROL POSITION SENSOR
44	Y	SENSOR POWER SUPPLY
45	G	A/F SENSOR 1
46	B	SENSOR GROUND

Connector No.	F107
Connector Name	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE
Connector Type	E02FG-RS-LGY
Connector Color	Green



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	BATT
2	BR	C/U

Connector No.	F108
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE
Connector Type	E02FG-RS-LGY
Connector Color	Green



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	BATT
2	L	C/U

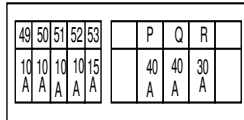
## BATTERY POWER SUPPLY

Connector No.	F111
Connector Name	INTAKE VALVE TIMING INTERMEDIATE LOCK CONTROL SOLENOID VALVE
Connector Type	E02FG-RS-LGY
Connector Color	Green



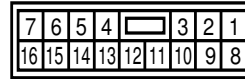
Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	BATT
2	GR	C/U

Connector No.	F116
Connector Name	FUSE AND FUSIBLE LINK BLOCK-1
Connector Type	24381 4BA1A
Connector Color	-



Terminal No.	Color Of Wire	Signal Name [Specification]
49	V	-
50	GR	-
51	BR	-
52	LG	-
53	V	-
P	BG	-
Q	LG	-
R	L	-

Connector No.	F121
Connector Name	WIRE TO WIRE
Connector Type	NS16FBR-CS
Connector Color	Brown



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
1	BR	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
2	BR	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
2	GR	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
3	BG	TO ENGINE ROOM HARNESS [4WD models]
3	R	TO ENGINE ROOM HARNESS [2WD models]
4	BG	TO ENGINE ROOM HARNESS
5	L	TO ENGINE ROOM HARNESS [2WD models]
5	R	TO ENGINE ROOM HARNESS [4WD models]
6	BG	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
6	BR	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
7	G	TO ENGINE ROOM HARNESS
8	V	TO ENGINE ROOM HARNESS [2WD models]
8	W	TO ENGINE ROOM HARNESS [4WD models]
9	B	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
9	BR	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
9	V	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
10	BR	TO ENGINE ROOM HARNESS
11	G	TO ENGINE ROOM HARNESS [With MR engine]
11	P	TO ENGINE ROOM HARNESS [Without MR engine]
12	GR	TO ENGINE ROOM HARNESS
13	BR	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
13	Y	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
14	R	TO ENGINE ROOM HARNESS
15	L	TO ENGINE ROOM HARNESS
16	LG	TO ENGINE ROOM HARNESS [4WD models]
16	SB	TO ENGINE ROOM HARNESS [2WD models]

Connector No.	F122
Connector Name	WIRE TO WIRE
Connector Type	M02FW-LC
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	TO ENGINE ROOM HARNESS
2	W	TO ENGINE ROOM HARNESS

Connector No.	F129
Connector Name	STARTER MOTOR
Connector Type	renaut 8200095013
Connector Color	-



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B/R	-

Connector No.	F133
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	24340_JA04D
Connector Color	-



Terminal No.	Color Of Wire	Signal Name [Specification]
5	B/R	-

Connector No.	F137
Connector Name	ENGINE RESTART BYPASS RELAY
Connector Type	E-BA8
Connector Color	-



Terminal No.	Color Of Wire	Signal Name [Specification]
2	B/R	ENGINE RESTART BYPASS RELAY POWER SUPPLY

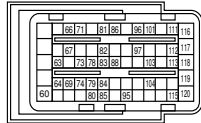
## BATTERY POWER SUPPLY

Connector No.	F138
Connector Name	ENGINE RESTART BYPASS RELAY
Connector Type	E-BA8
Connector Color	-



Terminal No.	Color Of Wire	Signal Name [Specification]
3	B/R	ENGINE RESTART BYPASS RELAY POWER SUPPLY

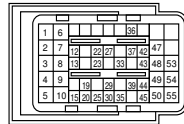
Connector No.	F191
Connector Name	ECM
Connector Type	MAB55FB-MEB10-LH
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
60	B	SHIELD
63	B	SENSOR GROUND (EXHAUST VALVE TIMING CONTROL POSITION SENSOR)
64	SHIELD	SHIELD
66	G	SENSOR POWER SUPPLY (CAMSHAFT POSITION SENSOR)
67	W	CAMSHAFT POSITION SENSOR
69	LG	EXHAUST VALVE TIMING CONTROL POSITION SENSOR
71	R	SENSOR GROUND (CAMSHAFT POSITION SENSOR)
73	Y	SENSOR POWER SUPPLY (EXHAUST VALVE TIMING CONTROL POSITION SENSOR)
74	G	AIR FUEL RATIO (A/F) SENSOR 1
78	B	SENSOR GROUND
79	Y	AIR FUEL RATIO (A/F) SENSOR 1
80	W	THROTTLE POSITION SENSOR 2
81	P	ECM RELAY (SELF SHUT-OFF)
82	P	FUEL PUMP RELAY
83	R	SENSOR POWER SUPPLY
84	Y	HEATED OXYGEN SENSOR 2
85	B	SENSOR GROUND

86	G	ENGINE COMMUNICATION LINE
88	G	THROTTLE POSITION SENSOR 1
95	BR	IGNITION SIGNAL NO.2
96	Y	IGNITION SIGNAL NO.1
97	V	THROTTLE CONTROL MOTOR RELAY
101	SB	IGNITION SIGNAL NO.4
103	W	PARK/NEUTRAL POSITION SIGNAL (CVT)
104	W	IGNITION SIGNAL NO.3
111	G	INTAKE VALVE TIMING CONTROL SOLENOID VALVE
112	GR	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE
113	R	ECM POWER SUPPLY
115	BG	EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE
116	P	AIR FUEL RATIO (A/F) SENSOR 1 HEATER
117	V	HEATED OXYGEN SENSOR 2 HEATER
118	GR	THROTTLE CONTROL MOTOR POWER SUPPLY
119	L	THROTTLE CONTROL MOTOR (OPEN)
120	G	THROTTLE CONTROL MOTOR (CLOSE)

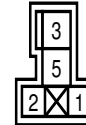
Connector No.	F192
Connector Name	ECM
Connector Type	MAB35FB-MEB20-LH
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	FUEL INJECTOR NO. 1, 4 (HI)
2	B	FUEL INJECTOR NO. 2 (LO)
3	B	FUEL INJECTOR NO. 3 (LO)
4	Y	FUEL INJECTOR DRIVER POWER SUPPLY 1
5	W	FUEL INJECTOR DRIVER POWER SUPPLY 2
6	B	FUEL INJECTOR NO. 4 (LO)
7	W	FUEL INJECTOR NO. 2, 3 (HI)
8	B	FUEL INJECTOR NO. 1 (LO)
9	BR	ECM GROUND (FUEL INJECTOR)
10	BR	ECM GROUND (FUEL INJECTOR)
12	P	REFRIGERANT PRESSURE SENSOR
13	R	SENSOR GROUND (FUEL RAIL PRESSURE SENSOR, REFRIGERANT PRESSURE SENSOR, ENGINE OIL PRESSURE SENSOR)
15	W	KNOCK SENSOR
19	R	EXHAUST GAS TEMPERATURE SENSOR
20	SHIELD	SENSOR GROUND
22	P	ENGINE OIL TEMPERATURE SENSOR

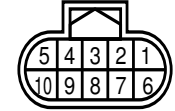
23	GR	ENGINE OIL PRESSURE SENSOR
25	G	FUEL RAIL PRESSURE SENSOR
27	L	SENSOR POWER SUPPLY (CRANKSHAFT POSITION SENSOR)
29	Y	SENSOR POWER SUPPLY
30	W	SENSOR POWER SUPPLY
33	GR	CRANKSHAFT POSITION SENSOR
35	G	ENGINE COOLANT TEMPERATURE SENSOR
36	V	INTAKE AIR TEMPERATURE SENSOR
37	BR	MASS AIR FLOW SENSOR
39	R	INTAKE MANIFOLD RUNNER CONTROL VALVE POSITION SENSOR
42	L	SENSOR GROUND (MASS AIR FLOW SENSOR, INTAKE AIR TEMPERATURE SENSOR)
43	BR	SENSOR GROUND
44	BR	SENSOR GROUND
45	L	SENSOR GROUND (ENGINE COOLANT TEMPERATURE SENSOR, ENGINE OIL TEMPERATURE SENSOR)
47	V	HIGH PRESSURE FUEL PUMP RELAY
48	W	HIGH PRESSURE FUEL PUMP (HI)
49	B	HIGH PRESSURE FUEL PUMP (LO)
50	BR	ECM GROUND (HIGH PRESSURE FUEL PUMP)
53	BG	INTAKE MANIFOLD RUNNER CONTROL VALVE POWER SUPPLY
54	G	INTAKE MANIFOLD RUNNER CONTROL VALVE (CLOSE)
55	Y	INTAKE MANIFOLD RUNNER CONTROL VALVE (OPEN)

Connector No.	F193
Connector Name	ENGINE RESTART RELAY
Connector Type	MS02FL-M2-LC
Connector Color	Blue



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	- [2WD models]
1	R	- [4WD models]
2	R	- [2WD models]
2	Y	- [4WD models]
3	G	- [2WD models]
3	L	- [4WD models]
5	GR	- [2WD models]
5	P	- [4WD models]

Connector No.	F216
Connector Name	CONDENSER
Connector Type	RH10FB
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	R	-
3	P	-
4	BG	-
5	BR	-
6	B	-
7	B	-
8	GR	-
9	B	-
10	B	-

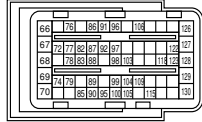
Connector No.	F227
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	24340_BB60A
Connector Color	-



Terminal No.	Color Of Wire	Signal Name [Specification]
6	B/R	-

## BATTERY POWER SUPPLY

Connector No.	F262
Connector Name	ECM
Connector Type	MAB55FBR-MEB10-LH
Connector Color	Brown



Terminal No.	Color Of Wire	Signal Name [Specification]
66	V	VB-PUMP
67	W	HPUMP-H
68	B	HPUMP-L
69	BR	GND-PUMP
70	B	GND
72	LG	DCDC
74	P	SSOFF
76	B	GND-RR02S
77	Y	Rr02H(Thermo_control)
78	LG	EGR_VPS1
79	B	GND-EGR_VPS/TCV_POS
82	LG	TCV_POS
83	R	AVCC1-EGR_VPS/TCV_POS
85	G	TPS1
86	Y	AF+
87	SHIELD	SHIELD AF
88	G	AF-
89	W	TPS2
90	B	GND-TPS
91	G	TCV+
92	Y	TCV-
95	R	AVCC1-TPS
96	BR	VTCV
97	V	MOTRLY
98	G	LIN
99	G	C_EGR_+
100	R	C_EGR_-
103	SB	IGN#4
104	V	VEGRV
105	W	IGN#3
106	BR	IGN#2
109	Y	IGN#1
115	GR	Ex-CVTC
118	P	FPR
122	BG	EVAP

123	R	BATT
126	P	A/F-H
127	R	Rr02H
128	GR	VMOT
129	L	MOTOR1
130	G	MOTOR2

Connector No.	F264
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1
Connector Type	RH04FB-P
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	G	-
3	P	-
4	BR	-

Connector No.	F275
Connector Name	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE
Connector Type	E02FG-RS-LGY
Connector Color	Green



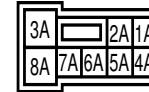
Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	GR	-

Connector No.	F279
Connector Name	ALTERNATOR
Connector Type	24340_CG000
Connector Color	-



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B/R	-

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	CS06FW-M2
Connector Color	White



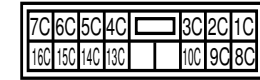
Terminal No.	Color Of Wire	Signal Name [Specification]
1A	L	-
2A	LG	-
3A	Y	-
4A	LG	-
5A	R	-
6A	BG	-
7A	LA/BR	-
8A	SB	-

Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FBR-CS
Connector Color	Brown



Terminal No.	Color Of Wire	Signal Name [Specification]
10B	GR	-
14B	W	-
15B	W	-
16B	GR	-
1B	G	- [Color of wire varies depending on production]
1B	V	- [Color of wire varies depending on production]
2B	G	- [Color of wire varies depending on production]
2B	R	- [Color of wire varies depending on production]
3B	V	-
6B	LA/L	-
7B	LA/V	-

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS
Connector Color	White

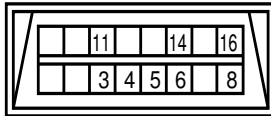


Terminal No.	Color Of Wire	Signal Name [Specification]
10C	LG	-
13C	LA/G	-
14C	LG	-
15C	L	-
16C	LA/W	-
1C	R	-
2C	G	-

## BATTERY POWER SUPPLY

3C	LA/Y	-
4C	LG	-
5C	GR	-
6C	LA/R	-
7C	Y	-
8C	BR	- [Color of wire varies depending on production]
8C	LA/BR	- [Color of wire varies depending on production]
9C	L	-

Connector No.	M4
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW
Connector Color	White



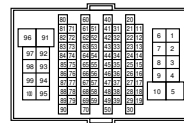
Terminal No.	Color Of Wire	Signal Name [Specification]
3	LG	-
4	B	-
5	B	-
6	L	-
8	Y	-
11	SB	-
14	P	- [Color of wire varies depending on production]
14	W	- [Color of wire varies depending on production]
16	W	-

Connector No.	M6
Connector Name	HEADLAMP AIMING SWITCH
Connector Type	TH04FW-NH
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	HEADLAMP AIMING SWITCH POWER SUPPLY
2	GR	HEADLAMP AIMING SWITCH GROUND
3	G	-
4	LG	- [Color of wire varies depending on production]
4	R	- [Color of wire varies depending on production]

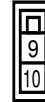
Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	TO BODY HARNESS
2	LA/Y	TO BODY HARNESS
3	BR	TO BODY HARNESS
4	LA/R	TO BODY HARNESS
5	L	TO BODY HARNESS
6	GR	TO BODY HARNESS
7	LA/LG	TO BODY HARNESS
8	L	TO BODY HARNESS
9	LA/SB	TO BODY HARNESS
22	LA/V	TO BODY HARNESS
23	LA/Y	TO BODY HARNESS
31	BR	TO BODY HARNESS
32	R	TO BODY HARNESS

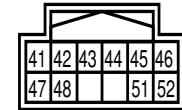
40	L	TO BODY HARNESS
41	B	TO BODY HARNESS
42	G	TO BODY HARNESS
51	R	TO BODY HARNESS
52	W	TO BODY HARNESS
53	SHIELD	TO BODY HARNESS
54	Y	TO BODY HARNESS
55	L	TO BODY HARNESS
56	SHIELD	TO BODY HARNESS
58	GR	TO BODY HARNESS
59	R	TO BODY HARNESS
60	R	TO BODY HARNESS
61	G	TO BODY HARNESS
62	SHIELD	TO BODY HARNESS
63	V	TO BODY HARNESS
64	LG	TO BODY HARNESS
65	SHIELD	TO BODY HARNESS
66	BR	TO BODY HARNESS
68	W	TO BODY HARNESS
69	G	TO BODY HARNESS
71	Y	TO BODY HARNESS
72	Y	TO BODY HARNESS
73	R	TO BODY HARNESS
74	R	TO BODY HARNESS
75	Y	TO BODY HARNESS
76	BR	TO BODY HARNESS
77	BR	TO BODY HARNESS
78	LA/L	TO BODY HARNESS
80	G	TO BODY HARNESS
81	L	TO BODY HARNESS
82	GR	TO BODY HARNESS
83	L	TO BODY HARNESS
84	L	TO BODY HARNESS
85	GR	TO BODY HARNESS
86	W	TO BODY HARNESS
88	LA/B	TO BODY HARNESS
90	G	TO BODY HARNESS
91	BR	TO BODY HARNESS
92	LA/W	TO BODY HARNESS
93	LA/Y	TO BODY HARNESS
95	SB	TO BODY HARNESS
96	LG	TO BODY HARNESS
97	BG	TO BODY HARNESS
98	Y	TO BODY HARNESS
99	W	TO BODY HARNESS
100	LA/R	TO BODY HARNESS

Connector No.	M38
Connector Name	EPS CONTROL UNIT
Connector Type	L02FB-MC
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
9	R	BATTERY POWER SUPPLY
10	B	GROUND

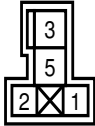
Connector No.	M42
Connector Name	COMBINATION METER
Connector Type	TH12FW-NH
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
41	L	CAN-H
42	P	CAN-L
43	R	ILLUMINATION CONTROL SIGNAL
44	LA/B	FUEL LEVEL SENSOR GROUND
45	LA/G	BATTERY POWER SUPPLY
46	LA/BR	IGNITION SIGNAL [2WD models]
46	V	IGNITION SIGNAL [4WD models]
47	SB	AV COMMUNICATION SIGNAL (H)
48	LG	AV COMMUNICATION SIGNAL (L)
51	LA/L	FUEL LEVEL SENSOR SIGNAL
52	B	GROUND

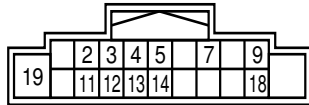
## BATTERY POWER SUPPLY

Connector No.	M44
Connector Name	INTERIOR ROOM LAMP RELAY
Connector Type	MS02FL-M2-LC
Connector Color	Blue



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	INTERIOR ROOM LAMP RELAY POWER SUPPLY [Color of wire varies depending on production]
2	W	INTERIOR ROOM LAMP RELAY POWER SUPPLY [Color of wire varies depending on production]
1	P	-
3	LG	INTERIOR ROOM LAMP RELAY POWER SUPPLY
5	V	-

Connector No.	M46
Connector Name	AUDIO UNIT
Connector Type	NH18FW-CS2
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
2	LA/Y	SOUND SIGNAL FRONT LH + [With 4-speakers]
2	W	SOUND SIGNAL FRONT LH + [With 6-speakers]
3	LA/R	SOUND SIGNAL FRONT LH - [With 4-speakers]
3	P	SOUND SIGNAL FRONT LH - [With 6-speakers]
4	LA/GR	SOUND SIGNAL REAR LH +
5	LA/BR	SOUND SIGNAL REAR LH -
7	LG	IGNITION SIGNAL
9	V	ILLUMINATION SIGNAL
11	G	SOUND SIGNAL FRONT RH + [With 6-speakers]
11	LA/W	SOUND SIGNAL FRONT RH + [With 4-speakers]
12	LA/GR	SOUND SIGNAL FRONT RH - [With 4-speakers]
12	V	SOUND SIGNAL FRONT RH - [With 6-speakers]
13	LA/LG	SOUND SIGNAL REAR RH +

14	LA/Y	SOUND SIGNAL REAR RH -
18	G	VEHICLE SPEED SIGNAL (8-PULSE)
19	L	BATTERY POWER SUPPLY

Connector No.	M63
Connector Name	CIRCUIT BREAKER
Connector Type	M02FW-P-LC
Connector Color	White



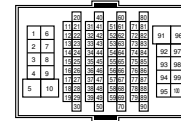
Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	P	-

Connector No.	M64
Connector Name	POWER WINDOW RELAY
Connector Type	24347.9F900
Connector Color	-



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	POWER WINDOW RELAY POWER SUPPLY
2	G	POWER WINDOW RELAY POWER SUPPLY
3	L	-
5	P	-

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
2	LA/R	TO ENGINE ROOM HARNESS
3	R	TO ENGINE ROOM HARNESS
4	BR	TO ENGINE ROOM HARNESS
5	V	TO ENGINE ROOM HARNESS
8	G	TO ENGINE ROOM HARNESS
9	Y	TO ENGINE ROOM HARNESS
10	R	TO ENGINE ROOM HARNESS
20	W	TO ENGINE ROOM HARNESS
21	B	TO ENGINE ROOM HARNESS
22	SHIELD	TO ENGINE ROOM HARNESS
31	V	TO ENGINE ROOM HARNESS
33	P	TO ENGINE ROOM HARNESS
34	Y	TO ENGINE ROOM HARNESS
35	BG	TO ENGINE ROOM HARNESS
36	LG	TO ENGINE ROOM HARNESS
37	V	TO ENGINE ROOM HARNESS
40	L	TO ENGINE ROOM HARNESS
41	P	TO ENGINE ROOM HARNESS
42	L	TO ENGINE ROOM HARNESS
43	B	TO ENGINE ROOM HARNESS
44	G	TO ENGINE ROOM HARNESS
45	LA/V	TO ENGINE ROOM HARNESS
46	LA/Y	TO ENGINE ROOM HARNESS
51	GR	TO ENGINE ROOM HARNESS
52	SB	TO ENGINE ROOM HARNESS
53	R	TO ENGINE ROOM HARNESS
54	LA/L	TO ENGINE ROOM HARNESS
55	BR	TO ENGINE ROOM HARNESS
56	SB	TO ENGINE ROOM HARNESS
57	B	TO ENGINE ROOM HARNESS
58	L	TO ENGINE ROOM HARNESS
59	V	TO ENGINE ROOM HARNESS
60	LA/R	TO ENGINE ROOM HARNESS
63	LA/BR	TO ENGINE ROOM HARNESS
64	Y	TO ENGINE ROOM HARNESS

65	GR	TO ENGINE ROOM HARNESS
66	BG	TO ENGINE ROOM HARNESS
67	G	TO ENGINE ROOM HARNESS
68	B	TO ENGINE ROOM HARNESS
69	P	TO ENGINE ROOM HARNESS
70	L	TO ENGINE ROOM HARNESS
71	V	TO ENGINE ROOM HARNESS
72	L	TO ENGINE ROOM HARNESS
73	Y	TO ENGINE ROOM HARNESS
74	G	TO ENGINE ROOM HARNESS
76	L	TO ENGINE ROOM HARNESS
77	V	TO ENGINE ROOM HARNESS
78	LG	TO ENGINE ROOM HARNESS
79	SHIELD	TO ENGINE ROOM HARNESS
80	L	TO ENGINE ROOM HARNESS [With stop/start system]
80	LA/L	TO ENGINE ROOM HARNESS [Without stop/start system]
81	LA/V	TO ENGINE ROOM HARNESS
82	LA/Y	TO ENGINE ROOM HARNESS
83	LG	TO ENGINE ROOM HARNESS
84	SB	TO ENGINE ROOM HARNESS
85	P	TO ENGINE ROOM HARNESS
86	Y	TO ENGINE ROOM HARNESS
88	BG	TO ENGINE ROOM HARNESS
89	V	TO ENGINE ROOM HARNESS
90	BR	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
90	LG	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
91	L	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
91	R	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
93	W	TO ENGINE ROOM HARNESS
95	BR	TO ENGINE ROOM HARNESS
96	GR	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
96	LG	TO ENGINE ROOM HARNESS [Color of wire varies depending on production]
97	BR	TO ENGINE ROOM HARNESS
98	V	TO ENGINE ROOM HARNESS
99	R	TO ENGINE ROOM HARNESS
100	LG	TO ENGINE ROOM HARNESS

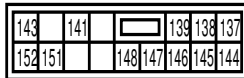
## BATTERY POWER SUPPLY

Connector No.	M78
Connector Name	WIRE TO WIRE
Connector Type	L02MB-MC
Connector Color	Black



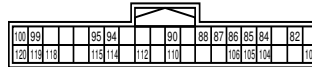
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	TO ENGINE ROOM HARNESS
2	W	TO ENGINE ROOM HARNESS

Connector No.	M85
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS16FBR-CS
Connector Color	Brown



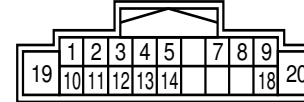
Terminal No.	Color Of Wire	Signal Name [Specification]
137	W	BAT POWER SUPPLY (FUSE)
138	SB	INT ROOM LAMP CONT
139	L	PASSENGER DOOR UNLOCK OUTPUT
141	V	FRONT DOOR LOCK OUTPUT
143	LA/V	POWER SUPPLY (FR DOOR LK ACT)
144	BG	POWER SUPPLY (TURN SIGNAL)
145	GR	POWER SUPPLY (STOP LAMP)
146	B	GROUND
147	B	GROUND
148	G	DRIVER DOOR UNLOCK OUTPUT
151	R	POWER SUPPLY (REAR DOOR LK ACT)
152	LG	POWER SUPPLY (REAR WIPER)

Connector No.	M86
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH
Connector Color	Black



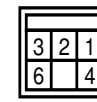
Terminal No.	Color Of Wire	Signal Name [Specification]
82	W	PASS DOOR REQ SW
84	BR	COMBI SW OUTPUT 2
85	SB	COMBI SW OUTPUT 1
86	P	COMBI SW OUTPUT 3
87	BG	COMBI SW OUTPUT 4
88	W	PUSH-BTN IGN SW ILL CONT
90	Y	S/L CONDITION
94	G	DETENTION SW
95	V	EXTENDED STORAGE FUSE SW
99	R	STOP/START OFF SW
100	V	DRIVER DOOR ANT +
101	Y	PUSH SW (WITH S/L)
104	LA/R	DR DOOR UNLK SENS
105	Y	DR DOOR REQ SW
106	W	ACC OUTPUT
110	BG	DIMMER SIGNAL
112	SB	STOP/START OFF SW INDICATOR
114	Y	NATS ANTENNA AMP.
115	W	NATS ANTENNA AMP.
118	SB	PASSENGER DOOR ANT -
119	P	PASSENGER DOOR ANT +
120	BR	RRIVER DOOR ANT +

Connector No.	M88
Connector Name	AUDIO UNIT
Connector Type	NH18FW-CS2
Connector Color	White



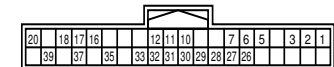
Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	AMP ON
2	LA/R	SOUND SIGNAL FRONT LH + [With 8-speakers]
2	LA/Y	SOUND SIGNAL FRONT LH + [With 4-speakers]
2	W	SOUND SIGNAL FRONT LH + [With 6-speakers]
3	LA/G	SOUND SIGNAL FRONT LH - [With 8-speakers]
3	LA/R	SOUND SIGNAL FRONT LH - [With 4-speakers]
3	P	SOUND SIGNAL FRONT LH - [With 6-speakers]
4	LA/GR	SOUND SIGNAL REAR LH + [With 4-speakers or 6-speakers]
4	LA/V	SOUND SIGNAL REAR LH + [With 8-speakers]
5	LA/BR	SOUND SIGNAL REAR LH - [With 4-speakers or 6-speakers]
5	LA/LG	SOUND SIGNAL REAR LH - [With 8-speakers]
7	LG	IGNITION SIGNAL
8	R	ILLUMINATION SIGNAL
9	V	ILLUMINATION SIGNAL
10	B	AMP GND
11	G	SOUND SIGNAL FRONT RH + [With 6-speakers]
11	LA/R	SOUND SIGNAL FRONT RH + [With 8-speakers]
11	LA/W	SOUND SIGNAL FRONT RH + [With 4-speakers]
12	LA/GR	SOUND SIGNAL FRONT RH - [With 4-speakers]
12	LA/W	SOUND SIGNAL FRONT RH - [With 8-speakers]
12	V	SOUND SIGNAL FRONT RH - [With 6-speakers]
13	LA/L	SOUND SIGNAL REAR RH + [With 8-speakers]
13	LA/LG	SOUND SIGNAL REAR RH + [With 4-speakers or 6-speakers]
14	LA/Y	SOUND SIGNAL REAR RH -
18	G	VEHICLE SPEED SIGNAL (8-PULSE)
19	L	BATTERY POWER SUPPLY
20	B	GROUND

Connector No.	M97
Connector Name	DC/DC CONVERTER
Connector Type	M06FW-LC
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	POWER SUPPLY INPUT 1 [4WD models]
1	LG	POWER SUPPLY INPUT 1 [2WD models]
2	B	GROUND
3	L	POWER SUPPLY INPUT 2 [2WD models]
3	R	POWER SUPPLY INPUT 2 [4WD models]
4	G	POWER SUPPLY OUTPUT 1
6	W	POWER SUPPLY OUTPUT 2

Connector No.	M100
Connector Name	TCU
Connector Type	TH40FB-NH
Connector Color	Black

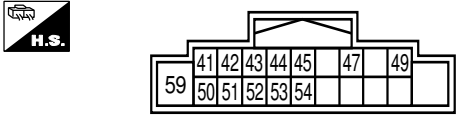


Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	BATTERY POWER SUPPLY [With audio display PDI]
1	W	BATTERY POWER SUPPLY [Without audio display PDI]
2	GR	AUTOACC
3	Y	ACC OUTPUT
5	Y	SOS SWITCH LED SIGNAL
6	L	CAN-H
7	P	CAN-L
10	LG	WAKE_UP_IGN
11	SHIELD	MICROPHONE OUTPUT GROUND
12	W	MICROPHONE OUTPUT SIGNAL
16	SHIELD	MICROPHONE GROUND

## BATTERY POWER SUPPLY

17	W	MICROPHONE SIGNAL
18	B	MICROPHONE VCC
20	Y	TCU_TO_DA_RX
26	SB	AV COMMUNICATION SIGNAL (H)
27	LG	AV COMMUNICATION SIGNAL (L)
28	B	GROUND [With audio display PDI]
28	GR	GROUND [Without audio display PDI]
29	B	GROUND [With audio display PDI]
29	GR	GROUND [Without audio display PDI]
30	SHIELD	SHIELD
31	G	AUDIO SIGNAL+
32	R	AUDIO SIGNAL-
33	BG	SECURITY_INDICATOR
35	V	PARKING BRAKE
37	BG	SOS CALL SWITCH SIGNAL
39	Y	DR_SEAT_BELT(LH)

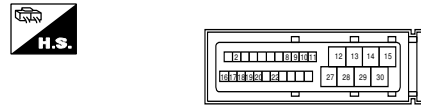
Connector No.	M122
Connector Name	AV CONTROL UNIT
Connector Type	NH18FW-CS2
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
41	BR	BOSE AMP. ON SIGNAL [Color of wire varies depending on production]
41	LA/BR	BOSE AMP. ON SIGNAL [Color of wire varies depending on production]
42	LA/R	SOUND SIGNAL FRONT LH + [With 8-speakers]
42	LA/Y	SOUND SIGNAL FRONT LH + [With 4-speakers]
42	W	SOUND SIGNAL FRONT LH + [With 6-speakers]
43	LA/G	SOUND SIGNAL FRONT LH - [With 8-speakers]
43	LA/R	SOUND SIGNAL FRONT LH - [With 4-speakers]
43	P	SOUND SIGNAL FRONT LH - [With 6-speakers]
44	LA/GR	SOUND SIGNAL REAR LH + [With 6-speakers]
44	LA/V	SOUND SIGNAL REAR LH + [With 8-speakers]
45	LA/BR	SOUND SIGNAL REAR LH - [With 6-speakers]
45	LA/LG	SOUND SIGNAL REAR LH - [With 8-speakers]
47	W	ACC INPUT
49	V	ILLUMINATION SIGNAL
50	B	SHIELD [Color of wire varies depending on production]
50	LA/B	SHIELD [Color of wire varies depending on production]
51	G	SOUND SIGNAL FRONT RH + [With 6-speakers]

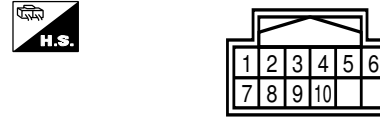
51	LA/R	SOUND SIGNAL FRONT RH + [With 8-speakers]
51	LA/W	SOUND SIGNAL FRONT RH + [With 4-speakers]
52	LA/GR	SOUND SIGNAL FRONT RH - [With 4-speakers]
52	LA/W	SOUND SIGNAL FRONT RH - [With 8-speakers]
52	V	SOUND SIGNAL FRONT RH - [With 6-speakers]
53	LA/L	SOUND SIGNAL REAR RH + [With 8-speakers]
53	LA/LG	SOUND SIGNAL REAR RH + [With 6-speakers]
54	LA/Y	SOUND SIGNAL REAR RH -
59	L	BATTERY POWER SUPPLY

Connector No.	M137
Connector Name	ELECTRIC PARKING BRAKE CONTROL MODULE
Connector Type	AAA22FB-AJY8
Connector Color	Black



Terminal No.	Color Of Wire	Signal Name [Specification]
2	V	PARKING BRAKE SIGNAL [Color of wire varies depending on production]
2	W	PARKING BRAKE SIGNAL [Color of wire varies depending on production]
8	SB	PARKING BRAKE SW INDICATOR LAMP
9	BR	PARKING BRAKE SW RELEASE (NOR-OP)
10	BG	PARKING BRAKE SW RELEASE (NOR-CL)
11	V	PARKING BRAKE SW POWER SUPPLY (APPLY)
12	GR	MOTOR RH (+)
13	R	MOTOR POWER SUPPLY (RH)
14	W	MOTOR LH (+)
15	V	MOTOR POWER SUPPLY (LH)
16	L	CAN-H
17	P	CAN-L
18	BG	PARKING BRAKE SW APPLY (NOR-OP)
19	G	PARKING BRAKE SW APPLY (NOR-CL)
20	Y	PARKING BRAKE SW POWER SUPPLY (RELEASE)
22	GR	IGNITION POWER SUPPLY
27	G	MOTOR RH (-)
28	B	GROUND (MOTOR RH)
29	BR	MOTOR LH (-)
30	B	GROUND (MOTOR LH)

Connector No.	M138
Connector Name	PARKING BRAKE SWITCH
Connector Type	TH12FW-NH
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BG	PARKING BRAKE SW RELEASE (NOR-CL)
2	BR	PARKING BRAKE SW RELEASE (NOR-OP)
3	SB	PARKING BRAKE SW INDICATOR LAMP
4	G	PARKING BRAKE SW APPLY (NOR-CL)
5	Y	PARKING BRAKE SW POWER SUPPLY (RELEASE)
6	V	PARKING BRAKE SW POWER SUPPLY (APPLY)
7	W	PARKING BRAKE SWITCH POWER SUPPLY
8	GR	PARKING BRAKE SWITCH POWER SUPPLY
9	G	- [Color of wire varies depending on production]
9	LG	- [Color of wire varies depending on production]
10	BG	PARKING BRAKE SW APPLY (NOR-OP)

Connector No.	M146
Connector Name	JOINT CONNECTOR-M22
Connector Type	SAC08JW
Connector Color	-



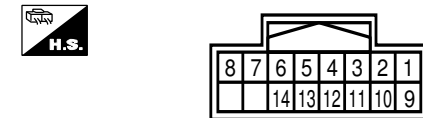
Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	W	-
3	W	-
4	W	-
8	W	-

Connector No.	M159
Connector Name	HEATED STEERING WHEEL RELAY
Connector Type	MS02FL-M2-LC
Connector Color	Blue



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	HEATED STEERING WHEEL RELAY POWER SUPPLY [Color of wire varies depending on production]
1	LG	HEATED STEERING WHEEL RELAY POWER SUPPLY [Color of wire varies depending on production]
2	BR	-
3	LG	HEATED STEERING WHEEL RELAY POWER SUPPLY
5	Y	-

Connector No.	M160
Connector Name	3CH CAN GATEWAY
Connector Type	TH16FW-NH
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	VEHICLE CAN COMMUNICATION 1-H
2	P	VEHICLE CAN COMMUNICATION 1-L
3	L	DIAGNOSTIC CAN COMMUNICATION-H
4	W	DIAGNOSTIC CAN COMMUNICATION-L
5	Y	IGNITION POWER SUPPLY
6	B	GROUND
7	BR	GROUND
8	W	BATTERY POWER SUPPLY
9	SB	IT CAN COMMUNICATION-H
10	V	IT CAN COMMUNICATION-L
11	L	DIAGNOSTIC CAN COMMUNICATION-H
12	W	DIAGNOSTIC CAN COMMUNICATION-L
13	SB	IT CAN COMMUNICATION-H

## BATTERY POWER SUPPLY

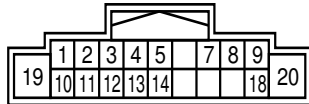
14	V	IT CAN COMMUNICATION-L
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Connector No.	M195
Connector Name	LDP SWITCH
Connector Type	TH08FW-NH
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	BSW SWITCH
2	B	BSW SWITCH GROUND
3	G	-
4	B	BSW SWITCH GROUND
5	BG	BSW SWITCH POWER SUPPLY
6	BR	BSW SWITCH INDICATOR

Connector No.	M208
Connector Name	OPTION CONNECTOR (AUDIO UNIT)
Connector Type	NH18FW-CS2
Connector Color	White



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	AMP_ON
2	LA/R	SOUND SIGNAL FRONT LH + [With 8-speakers]
2	LA/Y	SOUND SIGNAL FRONT LH + [With 4-speakers]
2	W	SOUND SIGNAL FRONT LH + [With 6-speakers]
3	LA/G	SOUND SIGNAL FRONT LH - [With 8-speakers]
3	LA/R	SOUND SIGNAL FRONT LH - [With 4-speakers]
3	P	SOUND SIGNAL FRONT LH - [With 6-speakers]
4	LA/GR	SOUND SIGNAL REAR LH + [With 4-speakers or 6-speakers]
4	LA/V	SOUND SIGNAL REAR LH + [With 8-speakers]

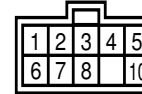
5	LA/BR	SOUND SIGNAL REAR LH - [With 4-speakers or 6-speakers]
5	LA/LG	SOUND SIGNAL REAR LH - [With 8-speakers]
7	LG	IGNITION SIGNAL
8	R	ILLUMINATION SIGNAL
9	V	ILLUMINATION SIGNAL
10	B	AMP_GND
11	LA/R	SOUND SIGNAL FRONT RH + [With 8-speakers]
11	LA/W	SOUND SIGNAL FRONT RH + [With 4-speakers]
12	LA/GR	SOUND SIGNAL FRONT RH - [With 4-speakers]
12	LA/W	SOUND SIGNAL FRONT RH - [With 8-speakers]
13	LA/L	SOUND SIGNAL REAR RH + [With 8-speakers]
13	LA/LG	SOUND SIGNAL REAR RH + [With 4-speakers or 6-speakers]
14	LA/Y	SOUND SIGNAL REAR RH -
18	G	VEHICLE SPEED SIGNAL (8-PULSE)
19	L	BATTERY POWER SUPPLY
20	B	GROUND

Connector No.	M210
Connector Name	OPTION CONNECTOR (TCU)
Connector Type	TH40FB-NH
Connector Color	Black



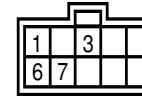
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	BATTERY POWER SUPPLY
2	GR	AUTOACC
3	Y	ACC_OUTPUT
6	L	CAN-H
7	P	CAN-L
10	LG	WAKE_UP_IGN
20	Y	TCU_TO_DA_RX
28	B	GROUND
29	B	GROUND
33	BG	SECURITY_INDICATOR
35	V	PARKING_BRAKE
39	Y	DR_SEAT_BELT(LH)

Connector No.	R30
Connector Name	SUNROOF MOTOR ASSEMBLY
Connector Type	YEA10FGY
Connector Color	Gray



Terminal No.	Color Of Wire	Signal Name [Specification]
1	-	GROUND
2	-	OPEN/CLOSE 2nd SIGNAL
3	-	IGNITION ON POWER SUPPLY
4	-	PUSH SIGNAL
5	-	OPEN 1st SIGNAL
6	-	BATTERY POWER SUPPLY
7	-	COMMUNICATION LINE
8	-	VEHICLE SPEED SIGNAL
10	-	CLOSE 1st SIGNAL

Connector No.	R31
Connector Name	SUNSHADE MOTOR ASSEMBLY
Connector Type	YEA10FGY
Connector Color	Gray



Terminal No.	Color Of Wire	Signal Name [Specification]
1	-	GROUND
3	-	IGNITION ON POWER SUPPLY
6	-	BATTERY POWER SUPPLY
7	-	COMMUNICATION LINE